

Appendix 47

Meadowbank and Whale Tail 2021 Wildlife Monitoring Summary Report

REPORT

Agnico Eagle Mines Limited - Meadowbank Division

2021 Wildlife Monitoring Summary Report

Submitted to:

Agnico Eagle Mines Limited

Submitted by:

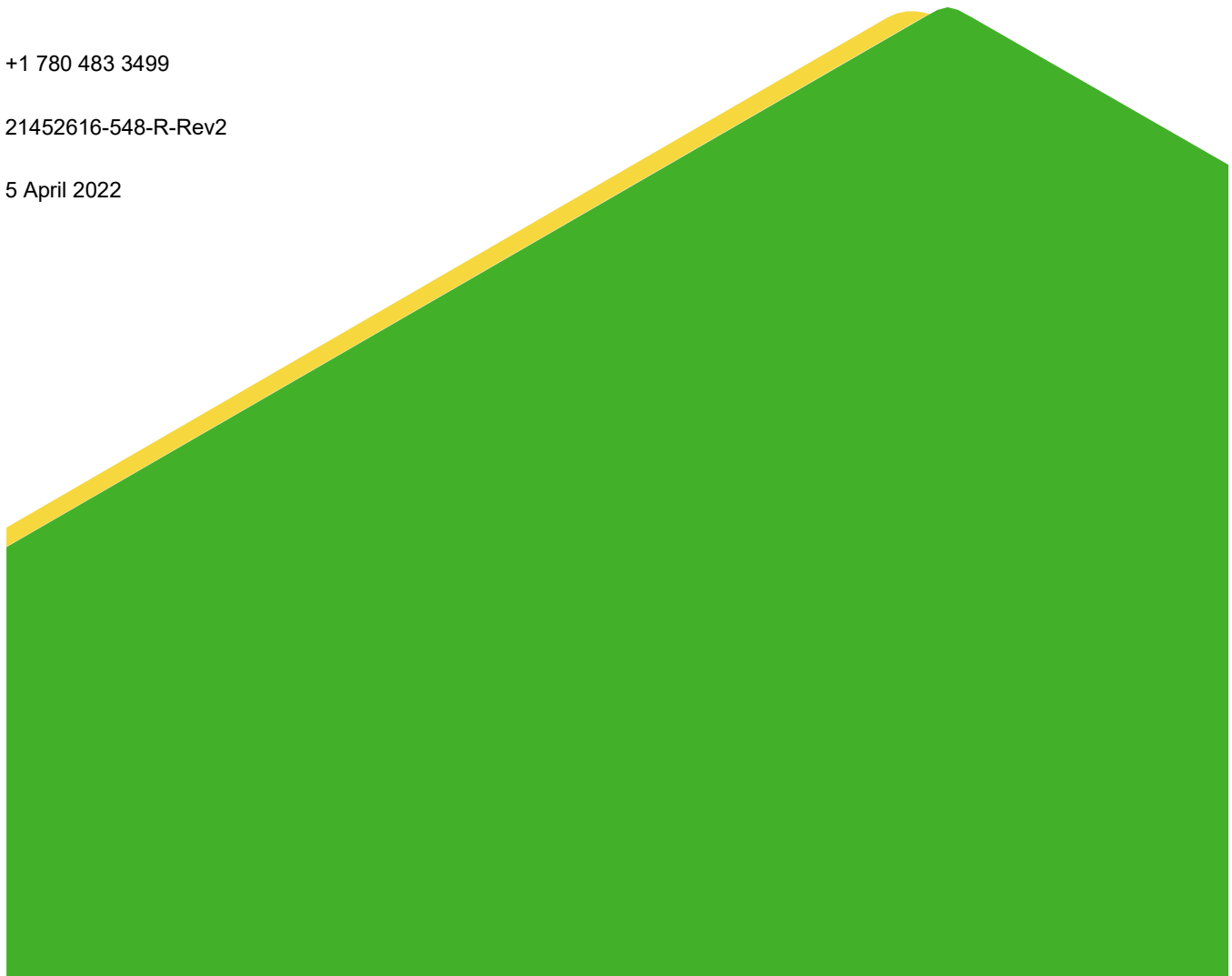
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Distribution List

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Study Limitations

On behalf of Agnico Eagle Mines Limited (Agnico Eagle), Golder Associates Ltd. (Golder) has prepared this Wildlife Monitoring Summary Report for the 2021 Monitoring Period at Meadowbank Mine.

This report was prepared, based in part, on information obtained from Agnico Eagle and other external information sources. In preparing the report, Golder has relied in good faith on the information provided. We accept no responsibility for any deficiency or inaccuracy contained in this report because of our reliance on the aforementioned information.

The findings and conclusions documented in this report have been prepared for the specific application to this Project and have been developed in a manner consistent with that level of care normally exercised by environmental professionals currently practicing under similar conditions in the jurisdiction.

With respect to regulatory compliance issues, regulatory statutes are subject to interpretation. These interpretations may change over time and should be reviewed regularly.

Executive Summary

As a requirement of the NIRB Project Certificate, the 2021 Wildlife Monitoring Summary Report (2021 Annual Report) represents the 16th of a series of annual reports for the Agnico Eagle Mines Limited (Agnico Eagle) Meadowbank Mine (the Project). Baseline and monitoring programs were first initiated in 1999 and will continue through the life of the Mine. Details of the wildlife monitoring program for the Project are provided in the Terrestrial Ecosystem Management Plan (Version 7, Agnico Eagle 2019). The 2021 Annual Report provides the monitoring objectives, methodology, historical and current year results, and management recommendations for each monitoring program. The 2021 Annual Report builds on data presented in previous reports and incorporates monitoring recommendations from these reports, as well as recommendations and requests from intervenors on past reports made during the NIRB review process. Below is a summary of the results from each component of the 2021 Annual Report.

Caribou Management Decision Tree

- Decision tree process used data from the road, Mine site, viewshed surveys, and satellite collaring to determine the scale of caribou monitoring and management required.

Road Surveys

- In 2021, 177 road surveys were conducted along the All-weather Access Road (AWAR) and 144 were conducted along the Whale Tail Haul Road (WTHR).
- A total of 37,825 caribou were observed along the AWAR (213.7 caribou per survey) and 11,928 caribou were detected along the WTHR (82.8 caribou per survey).
- Road surveys helped facilitate mitigation decisions along the AWAR and WTHR. The AWAR was fully closed on 49 days, partially closed on 9 days and had speed restrictions applied for 39 days. The WTHR was fully closed on 13 days, partially closed on 1 day, and had speed restrictions applied for 29 days.

Pit and Mine Site Ground Surveys

- The incidental wildlife forms were used consistently throughout 2021 to document wildlife seen around the Project. Starting in October 2021, observations from weekly pit and mine site surveys were recorded separately from incidental observations.
- Arctic fox, Arctic hare, caribou, wolf, muskox, and wolverine were recorded in 2021. Bird sightings throughout the year included bald eagle, peregrine falcon, ptarmigan sp., rough-legged hawk, and snowy owl.
- Wildlife deterrents were used on 37 occasions in 2021, and were used for caribou, muskox, wolf, and wolverine. A decoy was deployed at the Baker Lake tank farm to discourage bird nesting. Deterrents were also applied to Quarries 20 and 22 to discourage raptor nesting.
- One wolverine mortality was recorded in 2021.

Wildlife Habitat Monitoring

- An analysis of available wildlife habitat was conducted to compare the actual habitat losses to the permitted areas for proposed development.

- Wildlife habitat losses total 1,130 ha for the Meadowbank Mine Site, 775 ha for the Whale Tail Pit and Haul Road and 180 ha for the AWAR. None of the areas exceed thresholds for high suitability habitat losses.

Caribou Satellite-Collaring Program

- Analysis of caribou migration patterns using collar data from 2005 to 2019 are provided in Appendix F. Agnico Eagle intends to continue collaboration with the Government of Nunavut Department of Environment (GN DoE) caribou satellite-collaring program. Collar data were not available to complete the 2021 analysis.

Viewshed Surveys

- The viewshed surveys implemented in 2021 are to act as an early-warning system for caribou approaching the WTHR.
- Of the 310 viewshed surveys completed, 37 surveys (12%) had caribou sightings, and a total of 190 caribou were reported. Survey effort was focused in the fall season during 2021.

Remote Camera Program

- Data were analyzed from time-lapse images collected from remote cameras on the Whale Tail Haul Road between 2019 and 2021. Caribou were detected in the spring of each year, and road crossing events were detected in 2020 and 2021.
- The majority of road crossing events occurred during road closure. The average time between crossing events and previous vehicle was 23:09 hours, ranging from 2:30 to 85:10. Too few crossing events were detected to statistically compare crossing rates between different road heights, backfill materials, and backfill slopes.

Blast Monitoring

- Blast measurements were collected at 500, 1,500, 3,000, and 5,000 m from the Whale Tail Pit. Blast measurements were collected between December 20, 2020 and August 6, 2021. A total of 139 blasts were measured during this period.
- Surveys for caribou prior to blasts were performed on 165 days between 3 January to 16 December 2021. Of the 165 surveys, 132 surveys yielded no caribou observations. A total of 21 caribou behaviour monitoring surveys were completed during blasts in 2021. Blasting was cancelled on a single occasion due to caribou presence in the vicinity of the Whale Tail Pit.

Hunter Harvest Study

- The Hunter Harvest Study (HHS) included 55 participants in 2021.
- The 2021 HHS data indicated that 43% of reported harvest occurred within 5 km of the AWAR, and 71% occurred within the Meadowbank RSA.
- In 2021, three Caribou were harvested within 5 km of the WTHR. Given the low numbers of reported harvests close to the WTHR and the prohibition of the public from the WTHR, it is unlikely that the presence of the road has resulted in increased harvest.

Predatory Mammal Den Monitoring

- Potential effects due to Project-related activities were not identified to trigger monitoring of predatory mammal dens. Monitoring of predatory mammal dens were conducted informally in 2021 through observations recorded during other monitoring programs.

Raptor Nest Monitoring

- Raptor nest monitoring in 2021 occurred in all quarries along the WTHR and AWAR. Raptor activity and potential nest locations were also noted on other surveys including road surveys, viewshed surveys, freshet monitoring, and on-site environmental monitoring. Eight previously established peregrine falcon nests were identified and monitored.
- Raptor nest management plans were not developed at the active nest sites, as Mine-related activity was already restricted within the quarries where Falcons were observed.

Waterbird Nest Monitoring

- Trent University, in collaboration with Environment and Climate Change Canada (ECCC) and Agnico Eagle, conducted a research study to investigate mitigation options to minimize flooding-related impacts to birds in the Whale Tail South area.
- Studies in 2021 indicated that the average number of nests and bird density increased from 2019 to 2021 in upland control plots, and nest density declined in flood zone plots, potentially indicating a movement of nesting sites to adjacent areas, however this was not supported by mark-re-sighting surveys. Further discussion of the 2021 field program is provided in the '2021 Migratory Bird Protection Report' (Appendix C).

Breeding Bird Monitoring

- Agnico Eagle is finalizing a collaboration agreement with Environment and Climate Change Canada, with focus on contribution to regional bird monitoring programs. This includes commitment to 48 PRISM plots selected by CWS over 10 years (2021 to 2031), and completion of AWAR and WTHR Breeding Bird Survey (BBS) routes opportunistically when qualified individuals are on site. At a minimum, these BBS routes will be conducted every 3 years during the operations, closure, and post-closure phases of the project. PRISM and BBS are scheduled to restart in 2022.

Non-Native Plant Surveys

- Two non-native plant species were identified during surveys in 2021. Recommendations for management of non-native plants are provided.

Special Studies

- A pilot snow study was implemented in 2020 and 2021 to evaluate the effectiveness of the survey techniques and to guide future monitoring activities but sampling targets have not been met to date. Year one of a three-year monitoring program is planned for 2022, which will aim to collect a full suite of data from 36 survey locations along the WTHR and AWAR.
- Agnico Eagle continued a caribou behaviour study that focussed on measuring different behaviour activities of caribou in relation to mine-related activities (Appendix L).

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Wildlife Observations

Appendix B

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Appendix C

Waterbird Mitigation Project

Appendix D

Wildlife Mortality Reports

Appendix E

Helicopter Flights, 2017 to 2021

Appendix F

Caribou Migration Timing Analysis

Appendix G

Blast Monitoring Surveys

Appendix H

Hunter Harvest Study

Appendix I

Arctic Raptors Report

Appendix J

Non-Native Plant Survey Results

Appendix K

Flixweed Risk Assessment

Appendix L

Caribou Behaviour Monitoring

Appendix M

Exemption Permits

Acronyms

Acronym	Full Term
AEAR	Amaruq Exploration Access Road
ANOVA	Analysis of Variance
ANZEC	Australian and New Zealand Environment Council
ARGOS	Advanced Research and Global Observation Satellite
AWAR	All-weather Access Road
BBS	Breeding Bird Survey
CESCC	Canadian Endangered Species Conservation Council
CIRNAC	Crown-Indigenous Relations and Northern Affairs Canada
COVID-19	Coronavirus Disease
ECCC	Environment and Climate Change Canada
ELC	Ecological Land Classification
FEIS	Final Environmental Impact Statement
GIS	Geographic Information System
GN	Government of Nunavut
GN DoE	Government of Nunavut Department of Environment
GPS	Global Positioning System
GST	Group Size Threshold
HHS	Hunter Harvest Study
HOL	Height-of-Land
HT	Heath Tundra
HTO	Hunters and Trappers Organization
IIBA	Inuit Impact Benefit Agreement
IQ	Inuit Qaujimajatuqangit
KIA	Kivalliq Inuit Association
KM	Kilometer Marker
LSA	Local Study Area
NIRB	Nunavut Impact Review Board
NPAG	Non-potentially Acid Generating
NPC	Noise Pollution Control

Acronym	Full Term
NWB	Nunavut Water Board
PPL	Peak Pressure Level
PPV	Peak Particle Velocity
PRISM	Program for Regional and International Shorebird Monitoring
QA/QC	Quality Assurance/Quality Control
RSA	Regional Study Area
TAG	Terrestrial Advisory Group
TEMP	Terrestrial Ecosystem Management Plan
UTM	Universal Transverse Mercator
VEC	Valued Ecosystem Component
WTHR	Whale Tail Haul Road

1.0 INTRODUCTION

1.1 Background

The Agnico Eagle Mines Limited (Agnico Eagle) Meadowbank Mine (the Project) is located in the Kivalliq Region of Nunavut (Figure 1) and received a Project Certificate No. 004 from the Nunavut Impact Review Board (NIRB) in 2006. The subsequent Water Licence, Government of Nunavut (GN) and Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) Land Lease, and Kivalliq Inuit Association (KIA) Land Use Production Lease, allowed for the construction of a gold mine and ancillary facilities including an All-weather Access Road (AWAR), barge unloading facilities, lay-down area, and a fuel tank farm near the Hamlet of Baker Lake. The Whale Tail Pit Project, an extension of the Meadowbank Mine, received a Project Certificate No. 008 from NIRB in 2018.

Up to 2017, annual reports were based on the Terrestrial Ecosystem Management Plan (TEMP) developed by Cumberland Resources (Cumberland 2006). The TEMP was a requirement of the Meadowbank Project Certificate No. 004, Condition 54 and Whale Tail Pit Project Certificate No. 008, Condition 28. Since 2018, the TEMP Version 7 has incorporated the Whale Tail component of the Project and reflects changes in management and monitoring approaches since 2006 (Agnico Eagle 2019). The revised TEMP also benefitted from collaborative input from the Government of Nunavut Department of Environment (GN), the Kivalliq Inuit Association (KivIA), and the Hunters and Trappers Organization (HTO) of Baker Lake through annual report reviews, technical reviews, workshops, and discussions within the Terrestrial Advisory Group (TAG). The April 2020, Version 8 TEMP was prepared and reviewed by the TAG and to serve as the basis for the 2020 Annual Report. However, due to uncertainties and on-going discussions with TAG over TEMP Version 8 updates, Version 7 of the TEMP continued as the basis for 2021 monitoring and mitigation. The scope of the TEMP is to report on monitoring of the Mine during construction, operation, maintenance, reclamation, and closure.

This annual report includes data collected in 2021, the 12th year of Mine operation, and is the 16th of a series of annual Wildlife Monitoring Summary Reports for the Project. The purpose of this report is to summarize 2021 data collected from wildlife monitoring programs, and to describe natural variation and potential Mine-related changes in wildlife populations within and adjacent to the Meadowbank Gold Mine (including the approved Whale Tail Project). The 2021 Annual Report describes monitoring objectives and methods, historical and current year results, mitigation activities, and management recommendations based on 2021 monitoring results. Furthermore, comments received from various intervenors through the NIRB review of the 2020 annual report were incorporated, where possible, into analyses and reporting in this document.

1.2 Project Description

The Meadowbank Gold Mine is located approximately 90 km north of the community of Baker Lake. The Whale Tail Pit extension, with an expected operating life of seven (7) years (2019 to 2025), is located approximately 180 km north of Baker Lake. The Whale Tail Pit extension is an open-pit mine connected to Meadowbank Mine by a 64 km all season haul road. The local physiography is characterized by numerous lakes and low, rolling hills covered mainly by lichen/rock complexes, and heath tundra.

Environmental baseline studies were conducted prior to Meadowbank and Whale Tail Mine approvals and integrated into Project designs according to the Cumberland (2006) and Agnico Eagle (2019) TEMPs. Wildlife Valued Ecosystem Components (VECs) for the Meadowbank Project were identified in consultation with regulatory agencies and Baker Lake residents, and considered criteria such as conservation status, relative abundance within the Project study area, importance in subsistence lifestyle and economy, importance in predator-prey systems, habitat requirement size and sensitivity, and contribution to local area concerns. Based on

these selection criteria, key terrestrial VECs determined for the Meadowbank Project were wildlife habitat, ungulates, predatory mammals, small mammals, raptors, waterbirds, and upland breeding birds. Because of limited evidence that small mammals were affected by the Project, this VEC was not included in the Whale Tail Project or revised TEMP. Further details can be found in the Final Environmental Impact Statements (FEIS) for the Meadowbank Project (Cumberland 2005) and the Whale Tail Pit Expansion Project (Golder 2016; Golder 2018).

Construction of a 106.8 km AWAR between the community of Baker Lake and the Meadowbank Mine was completed in March 2008 and provides Mine site access and re-supply, while on-site Mine haul and access roads connect open-pit areas to ancillary facilities. Meadowbank Mine site facilities include a mill, power plant, maintenance facilities, tank farm for fuel storage, water treatment plant, sewage treatment plant, airstrip, and accommodations. Mine components include open pits, waste rock storage facilities, and a tailings storage facility.

In 2008, construction of numerous camp infrastructure facilities was completed, while in 2009, the principal Mine site construction commenced. Mine operation commenced in early 2010. Mining at Goose Pit was finished in 2015 while Agnico Eagle continued ongoing mining operations at Portage and Vault pits and investigated expansion of the Vault area into Phaser Lake. In 2018, an expansion was made in pit E (Portage) to extend mining and mill feed to bridge the gap between the end of mining activities in Meadowbank and the start of mining activities at Whale Tail Pit. As a result, mining activities at Meadowbank in 2021 were only ongoing in Whale Tail Pit with ore from this pit being processed at the mill at the Meadowbank site.

To extend Mine operations and milling at Meadowbank Mine, Agnico Eagle has developed the Whale Tail Pit and Haul Road Project, approximately 55 km north of the Meadowbank Mine, on a satellite deposit located on the Amaruq property in the Kivalliq Region of Nunavut. The Amaruq Exploration Access Road (AEAR) was built in 2016 and 2017 to access the Amaruq exploration site from the Meadowbank complex. The AEAR was modified into the WTHR (enlargement) following regulatory approval and was completed in 2018. Construction of the Whale Tail Dike in 2018 allowed for Whale Tail Lake North Basin dewatering starting in Q1, 2019, the pre-stripping of future Whale Tail Pit, and the construction of major infrastructures including the permanent camp, with accommodation and kitchen facilities, sewage treatment plan, tank farm for fuel storage, and freshwater intake. Open-pit mining operation at the Whale Tail deposit began in Q3 (September 30th), 2019. Commercial operations at the IVR pit commenced on 31 December 2021. Commencement of underground mining operations at the IVR pit is planned for 2022. Permitting to expand the Whale Tail operation and extend the Mine life to 2026 was approved in February 2020 (refer to Project Certificate No. 008, Amendment 001. Expansion of the WTHR for widening to allow two-way haul traffic was assessed under this Project Certificate Amendment 001. Widening of the Haul Road has not been completed to date.

1.3 Study Area Boundaries

1.3.1 Meadowbank Mine, Vault Pit, and AWAR

The Meadowbank Mine Local Study Area (LSA) includes a 5 km radius area centred on the Mine Site and a 5 km radius around the Vault Site creating an elliptical shape with a total area of 194 km². The AWAR LSA consists of a 3 km wide corridor centred on the AWAR between Baker Lake and the Meadowbank Mine. The Regional Study Area (RSA) encompasses an area that includes a 25 km radius area around the Meadowbank Mine and Vault sites and a 50 km wide corridor along the AWAR for a total area of 5,106 km² (Figure 1).

1.3.2 Whale Tail Pit and Haul Road

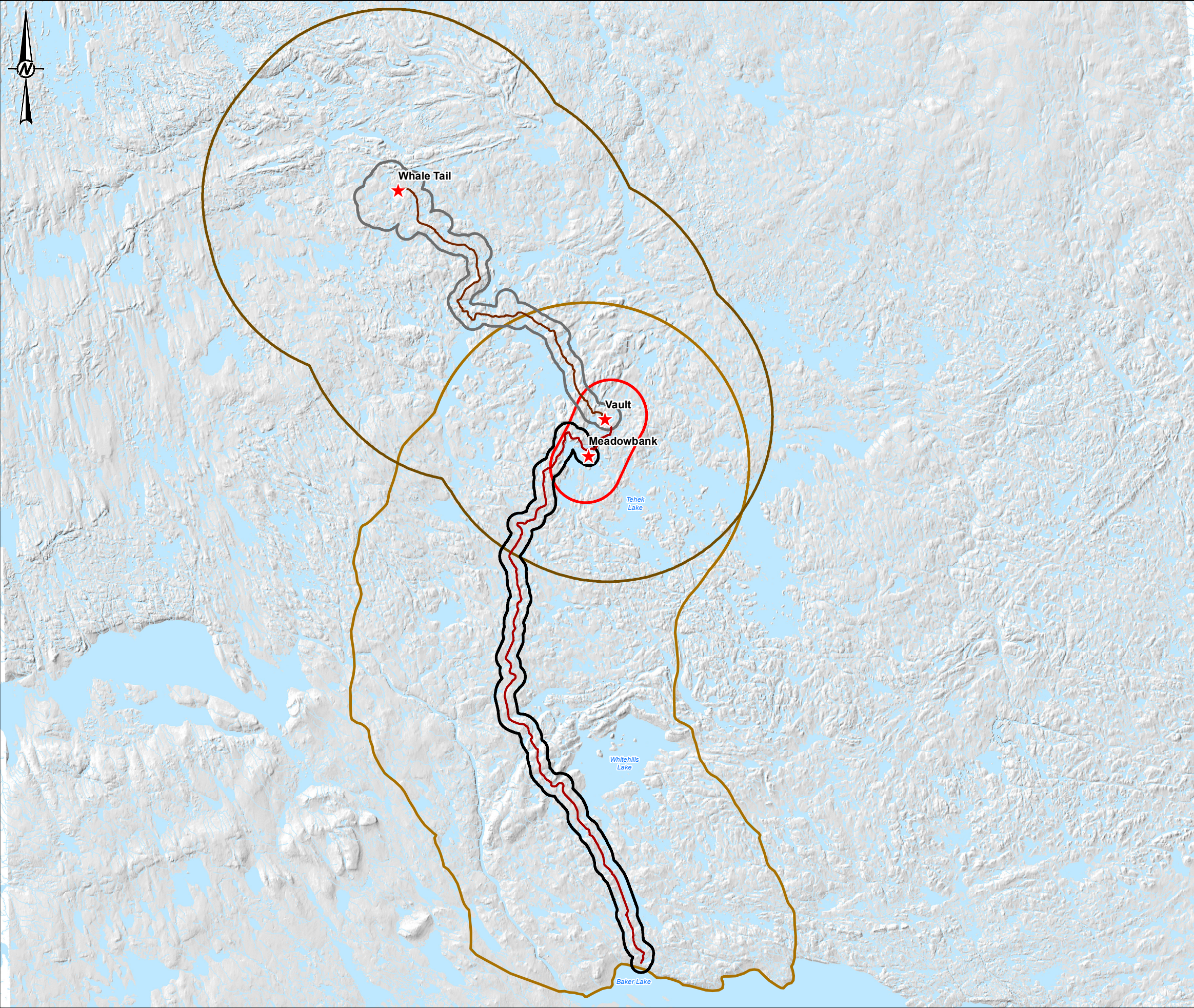
The Whale Tail LSA is a 3 km corridor centered on the WTHR and borrow site access roads (i.e., 1.5 km on either side of the road and 1.5 km around borrow areas) and includes an approximate 1.5 km buffer around development areas at the Whale Tail Pit area, for a total area of 282 km². The Whale Tail RSA is a 50 km corridor centred on the WTHR alignment (i.e., 25 km on either side of the WTHR and borrow site access roads, and 25 km around borrow areas), with a total area of 5,017 km² (Figure 1).

1.4 Monitoring Approach

Wildlife monitoring is an essential tool in protecting and maintaining wildlife occurring near the Project. A comprehensive monitoring strategy, along with quantitative monitoring indicators, has been implemented and as required, is adapted to evaluate the accuracy of impact predictions and to meet the objectives of the management strategy set out in the TEMP (Agnico Eagle 2019). Version 7 of the TEMP (Agnico Eagle 2019) is the current version implemented. Monitoring programs are designed to assess Project-related impact predictions and the effectiveness of mitigation measures. Measures on the effectiveness of mitigation will inform on whether monitoring or mitigation require adaptive management. Adaptive management is an on-going process of learning by doing that evolves throughout the life of the Project. Outcomes of adaptive management include increasing or decreasing, or no change, to mitigation or monitoring. Further study intended to better understand Mine-related effects may also be an outcome based on requests from individual stakeholders or the TAG. Ongoing review of the TEMP and annual Wildlife Monitoring Summary Reports (which provide results of TEMP monitoring programs) by regulatory agencies, technical reviewers, and stakeholders will further support that local and regional concerns have been adequately addressed.

Environmental staff monitor wildlife near Project facilities (i.e., Meadowbank Mine and Whale Tail Pit) and along the AWAR and WTHR on a regular basis (Section 3.6). Where unacceptable risks to wildlife are observed, mitigation measures are implemented to avert animals from site activities and hazards in accordance with the TEMP (Agnico Eagle 2019). The decision trees used as mitigation and monitoring framework for caribou (*Rangifer tarandus groenlandicus*) and muskox (*Ovibos moschatus*) are outlined in Section 2.0. Detailed reporting protocols (e.g., a dangerous animal occurrence, monthly wildlife reports submitted to the GN, road closure notification to GN, KIA, HTO, etc.) are established and implemented by on-site environmental staff. During these events, Agnico Eagle representatives communicate any issues directly with the GN Department of Environment (DoE) Conservation Officer, KIA, and the local HTO.

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LEGEND

- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- WTHR REGIONAL STUDY AREA (RSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- MEADOWBANK REGIONAL STUDY AREA (RSA)
- WATERCOURSE
- WATERBODY

KEY MAPA key map of Canada showing the location of the study area in the northwest. A red star marks the study area, and a scale bar indicates 1,000 KM.

A scale bar showing distances in kilometers: 0, 12, and 24. Below the bar, it reads 1:600,000 and KILOMETRES.

REFERENCE(S)

- INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
- WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

**AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION**

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

**MEADOWBANK COMPLEX LOCATION AND MONITORING
STUDIES BOUNDARIES**

GOLDER MEMBER OF WSP	CONSULTANT	YYYY-MM-DD	2022-03-24
	DESIGNED	SW	
	PREPARED	CDB	
	REVIEWED	DC	
	APPROVED	CDM	

PROJECT NO.	CONTROL	REV.	FIGURE
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1.5 Report Objectives

The primary objectives of the 2021 Wildlife Monitoring Summary Report are to:

- Report the results of the 2021 wildlife monitoring programs.
- Summarize the monitoring strategy implemented over the course of the year.
- Evaluate the function and validity of implemented monitoring strategies.
- Summarize adaptive management strategies.
- Provide management recommendations for 2022.
- Allow regulators to contribute toward improvements of wildlife mitigation and monitoring.
- Include a summary of all caribou-related monitoring, mitigation, and Project management actions in one consolidated section.

1.6 Inuit Involvement

Since 1999, local Inuit from the community of Baker Lake have been involved in all wildlife-related baseline and monitoring surveys. The average number of Inuit involved in surveys varies annually. Programs with previous Inuit involvement include the LSA and RSA aerial survey, breeding bird plots and transects, waterfowl nest surveys, waterbird nest surveys for the Whale Tail expansion, raptor nest surveys, road surveys, viewshed surveys, habitat mapping, and phenology plots. Local harvesters participate in the Hunter Harvest Study (Section 10.0).

Three Inuit workers were under the employment of the environmental department and were involved in the monitoring programs in 2021. Due to the COVID-19 pandemic, integration of the Nunavummiut workforce only started in July for the Environment Department. Agnico Eagle currently employs three environmental Inuit workers that are involved in wildlife programs including caribou behavior monitoring, road surveys, viewshed surveys, and wildlife deterrence on site when required. A Baker Lake Hunters and Trappers Organization (HTO) wildlife monitor completed road surveys regularly throughout the year.

As required by the Inuit Impact Benefit Agreement (IIBA), “Anything done by Agnico in order to implement the TEMP [...] shall incorporate Inuit Qaujimanituqauit”; therefore, Indigenous Traditional Knowledge or IQ has been incorporated in this annual report.

1.7 Terrestrial Advisory Group

As per Project Certificate No.008, Condition 27 of the Whale Tail Pit Final Environmental Impact Statement (FEIS) Addendum (Golder 2016), Agnico Eagle has established a Terrestrial Advisory Group (TAG) consisting of representatives from Agnico Eagle, the Government of Nunavut Department of Environment (GN-DoE), the KivIA, and the HTO.

An MOU and Terms of Reference has been developed and signed by all parties in July 2019. Agnico Eagle provided a summary of TAG meeting outcomes to the NIRB since 2019.

The purpose of the TAG is to:

- Measure the relevant environmental effects of the Project on terrestrial wildlife.
- Confirm that the Project and mining activities are carried out within the terms and conditions of the Project Certificates No.004 and No.008 relating to the protection of terrestrial wildlife.
- Assess the accuracy of the predictions contained in the final environmental impact statement filed by Agnico Eagle with NIRB.
- Identify and select appropriate target species, indicators, and linkages for monitoring.
- Evaluate the effectiveness of mitigation measures and to support any required adaptive management of those measures.
- Identify any unforeseen Project-related effects.
- Provide an early warning mechanism to identify any Project-related effects.
- Determine and identify any cause-and-effect interactions between the Project and the environment.

TAG meetings were held on February 9th, March 16th, and September 16th in 2021. Discussions included 2020 Wildlife Monitoring Summary Report comments, for potential improvement to data collection and reporting in 2021. Report sections influenced by these discussions include the tolerant caribou observations (Section 3.6.8), road convoy (Section 3.6.7), pit and mine site ground surveys (Section 4.0), helicopter activity (Section 4.5.9), viewshed survey (Section 7.0), blast monitoring (Section 9.0), and snow study (Section 17.1) sections. Caribou group size thresholds (GST) (Section 2.4), including calculation methods were discussed and agreed upon with the TAG.

1.8 Mitigation Audit

A mitigation audit is an annual requirement outlined in the 2019 TEMP (Agnico Eagle 2019). Mitigation approaches applied at the Project stem from current practices at existing mines or were suggested during the environmental assessment review process. However, an auditing system supports evaluation on the use and effectiveness of the mitigation consistent with the principals of adaptive management and may identify or recommend changes to mitigation or monitoring. As an example, per Project Certificate No.008, Condition 32, Agnico Eagle engages with the Baker Lake HTO and other relevant parties to ensure that safety barriers, berms, and designed crossings associated with Project infrastructure, including the WTHR, are constructed and operated as necessary to allow for the safe passage of caribou and other terrestrial wildlife.

The audit is to be undertaken annually and summarized in the annual report and will focus specifically on mitigation listed in Section 4.1 of the TEMP Version 7 (Agnico Eagle 2019). The audit will evaluate:

- what mitigation was implemented;
- which mitigation is perceived or shown to be effective;
- whether new mitigation has been implemented in response to new issues; and
- whether some mitigation is redundant or unnecessary.

2.0 CARIBOU MANAGEMENT DECISION TREE

2.1 Overview

The 2019 TEMP Version 7 (Agnico Eagle 2019) describes the use of decision trees or charts that outline adaptive monitoring and mitigation for ungulates for each of five phases: 1) caribou and mining operations; 2) caribou and Whale Tail Haul Road; 3) caribou and the AWAR; 4) caribou and blasting; and 5) muskox and Operations (see Agnico Eagle 2019).

2.2 Objectives

The monitoring objectives are to:

- 1) Detect if effect thresholds have been exceeded.
- 2) Test the efficacy of mitigation.
- 3) Understand Project-related effects to ungulates. For ungulates, the decision trees are also an objective to manage sensory disturbance to caribou approaching the Project. Monitoring to detect caribou intensifies as caribou approach the Project and mitigation intensifies to reduce sources of sensory disturbance.

Monitoring activities for ungulates will be carried out prior to, during, and following construction. The use of decision trees for managing disturbance to ungulates is an ongoing and continuous monitoring strategy for the life of the Project. Monitoring intensity is increased as ungulates approach the Project.

2.3 Duration

Monitoring activities for ungulates were carried out prior to, during, construction and operations. The use of decision trees for managing disturbance to ungulates is an ongoing and continuous monitoring and mitigation strategy for the life of the Project. Monitoring and mitigation intensity is increased and decreased as ungulates approach the Project in accordance with the decision trees.

2.4 Methods

The approach involves monitoring the number of ungulates in close proximity to mining operations through various monitoring tools including caribou collaring data, Viewshed surveys, AWAR and Whale Tail Haul road surveys, and pit and Mine site ground surveys. Depending on the number of ungulates observed (i.e., caribou GST), proximity to the road, and time of year, different mitigation and monitoring levels are triggered (i.e., Level 1, Level 2, Level 3). For example, triggers may result in pit and Mine site ground surveys and/or haul road surveys increased up to every two days, and caribou satellite data reviewed daily. Example mitigations include daily site-wide notifications, road closures to non-essential vehicles, and speed restrictions.

For the purposes of monitoring, a “group of caribou” is defined as: “An aggregation of caribou that are sufficiently close together that they can see and react to another animal’s behaviour, and have the potential of responding should one or more animal in the aggregation become startled.” Updated caribou GSTs by season used for Meadowbank in 2021 were developed based on instructions provided by the GN (Table 1; GN 2021). A GST of 13 muskox is used year-round, and mitigation and monitoring related to muskox is performed according to Figure 10 of 2019 TEMP Version 7 (Agnico Eagle 2019). For further details on the reasoning behind caribou GSTs and the decision chart approach, refer to the 2019 TEMP Version 7 (Agnico Eagle 2019). The GST approach and monitoring/management outcomes is reviewed by the TAG on a regular basis to determine whether an acceptable balance has been achieved between mining operations and conserving caribou populations. As

GSTs are the main trigger for mitigation and management, understanding their efficacy for overall herd protection is of high importance.

Table 1: Caribou Group Size Thresholds by Season (2021).

Season	Dates	Group Size Threshold
Spring	1 April to 25 May	34
Summer	26 May to 21 September	25
Fall	22 September to 15 December	112
Winter	16 December to 31 March	25

2.5 Results

The decision trees were used throughout 2021. Data collection methods were implemented in 2021 to link individual observations to mitigations, through use of field tablets linked to a customizable EQUIS Collect database. Paper data forms are carried in case issues arise with field tablets. All wildlife observations, and associated mitigations are provided in Appendix A (Wildlife Observations) and Appendix G (Blast Monitoring Surveys). Summaries of wildlife survey results are discussed in their respective sections. A summary of AWAR and WTHR closure are discussed in Section 3.6.6. The majority of mitigations were implemented based on road survey observations (Section 3.0; Appendix A). Few mitigations were implemented based on other survey types, including pit and mine site ground surveys (Section 4.0; Appendix A).

2.6 Accuracy of Impact Predictions

An objective of the decision tree approach is to reduce sensory disturbance to caribou approaching the Project. The objective is not linked to an impact prediction as the monitoring is to trigger mitigation rather than to test a prediction.

2.7 Management Recommendations

Wildlife observations should continue to be documented using approaches implemented in 2021 that allow individual observations to be linked to mitigations, providing evidence of use of decision trees.

3.0 ROAD SURVEYS

3.1 Overview

A systematic ground survey monitoring program for the AWAR, and WTHR has been designed to evaluate sensory disturbance for wildlife, particularly caribou (*Rangifer tarandus*), muskoxen (*Ovibos moschatus*), and predatory mammals utilizing habitats adjacent to the roads. The program also monitors incidental mortality of species as they are encountered within the Project infrastructure, but in particular near the roads. In previous years, the Vault Road has been surveyed and reported on separately from the WTHR, but since 2020 the Vault Road observations are considered part of the WTHR observations and results.

3.2 Objectives

The primary objectives of the road ground survey monitoring program are to:

- 1) Document wildlife utilization along the AWAR and WTHR corridors.
- 2) Evaluate wildlife trends along the road corridors, including identifying areas where higher densities of wildlife are observed.
- 3) Inform on the need for adaptive mitigation, such as temporary road closures during peak caribou migration periods.
- 4) Inform whether mortality thresholds for wildlife are exceeded.
- 5) Monitor road-related injuries or mortalities of caribou. The Project-wide threshold mortality level for ungulates is two (2) individuals per year (as per TEMP Version 7).
- 6) Monitor road-related injuries or mortalities of predatory mammals. The Project-wide threshold mortality level for predatory mammals is two (2) individuals per year (as per TEMP Version 7).

3.3 Duration

The AWAR and WTHR systematic ground surveys are ongoing over the operational phase of the Mine and are scheduled to be conducted a minimum of once per week throughout the year, twice per week during the sensitive season (i.e., contingent on weather and road access), and daily if caribou or muskox Group Size Thresholds (GST) are exceeded (see Figures 7 and 8 in TEMP). Agnico Eagle is committed to conducting a minimum of 75 road surveys per year along the AWAR and WTHR. Monitoring of vehicle collisions and wildlife mortality is continual along all road segments.

3.4 Methods

Road surveys were expanded beyond the AWAR to include the Vault Haul Road, beginning in 2017, the WTHR beginning in 2018, and then the Vault and Whale Tail segments combined as the WTHR beginning in 2020. Agnico Eagle has signed an MOU with the Baker Lake HTO for a wildlife monitor on the road beginning in October 2018. An amended MOU was signed in February 2022, retroactive to 8 November 2021, to hire a second wildlife monitor that will work on the AWAR and WTHR. In 2021, the monitor was primarily on the AWAR due to COVID restrictions.

The survey team typically includes two observers (one is the driver) in a vehicle. The terrain on both sides of the road (to a maximum horizontal distance of approximately 1 km perpendicular from the road edge, or as far as the observer can see pending site conditions) is surveyed as the vehicle progresses at a maximum speed of 30 km per hour. For each sighting, the vehicle is safely parked in a road pullout and UTM coordinates are recorded along with the estimated distance of the animal(s) from the road, nearest road marker, species, number, direction of travel and a variety of other information (e.g., behavior). All data are recorded electronically in tablet forms. Where animals are sighted close to roads and a risk of collision with vehicles is possible, the environmental monitor/observers report the number of animals, location, and direction of travel to the Mine radio dispatcher who informs all vehicle operators. In addition, all vehicle operators report ungulates and predatory mammals seen along the road to the dispatcher.

Regular data provided to Mine site personnel from the caribou satellite-collaring program are also used to track caribou movement and potential interactions with roads and Project facilities.

3.5 Historical Results

Ground surveys commenced shortly following the onset of AWAR construction in 2007. Sampling intensity has been comparable along the entire length of the AWAR since 2009. Surveys along the Vault Haul Road have been irregular since its completion but were included as part of regular AWAR surveys in 2016 and conducted separately beginning in 2017. Since beginning surveys in 2007, surveys along the AWAR have been conducted every 2.1 to every 6.1 days with an average survey frequency of every 4.9 days (Table 2). Surveys along the WTHR began in 2017 and have been conducted every 2.0 to every 7.7 days with an average survey frequency of every 4.0 days (Table 4).

3.6 2021 Results

3.6.1 AWAR Surveys

The number of AWAR surveys completed each season in 2021 is provided in Table 2. The number of systematic road surveys completed in 2021 ($n=177$) is higher than the number of surveys completed the previous year ($n=132$) and considerably higher than the annual goal of 75 surveys. In 2021, surveys were conducted on average every 2.1 days, and were conducted between 01 January and 31 December. Survey frequency was highest in the fall and lowest in winter. By month, the highest numbers of surveys were conducted in April, May, November, and December, generally corresponding with higher numbers of caribou observed within the LSA.

A Baker Lake Hunters and Trappers Organization (HTO) wildlife monitor completed road surveys regularly throughout the year (Section 1.6). Electronic recording of observations began in October 2019 and written data forms are no longer used.

A total of 37,825 caribou were detected across 177 AWAR road surveys (i.e., 213.7 caribou per survey), and caribou were recorded in all months except January. The highest average caribou observed per survey occurred in April and December (Table 3). Record numbers of average caribou per survey were observed for April and December 2021 (Table 3).

Table 2: Details of All-Weather Access Road Wildlife Surveys from 2007 to 2021

Year	Annual range of surveys	Average Frequency ^(A)	Number of AWAR surveys				
			Spring ^(B)	Summer ^(B)	Fall ^(B)	Winter ^(B)	Annual Total
2007	Mar 01 - Dec 31	4.1 days	13	24	8	33	78
2008	Jan 02 - Dec 29	3.9 days	15	7	15	57	94
2009	Jan 09 - Dec 16	6.1 days	15	10	8	25	58
2010	Jan 21 - Dec 17	5.6 days	9	9	12	36	66
2011	Jan 10 - Dec 30	6.0 days	10	9	11	33	63
2012	Jan 04 - Dec 29	4.7 days	14	13	12	38	77
2013	Feb 02 - Dec 27	6.0 days	9	13	10	31	63
2014	Jan 12 - Dec 30	5.5 days	11	7	11	38	67
2015	Jan 03 - Dec 18	4.7 days	17	16	11	32	76
2016	Jan 02 - Dec 27	4.7 days	10	14	16	38	78
2017	Jan 03 - Dec 29	4.3 days	19	16	14	36	85
2018	Jan 03 - Dec 29	5.0 days	9	12	16	35	72
2019	Jan 04 - Dec 27	2.6 days	37	39	39	22	137
2020	Jan 17 - Dec 26	2.6 days	26	54	41	11	132
2021	Jan 01 - Dec 31	2.1 days	43	42	69	23	177

A) Frequency refers to the average number of days between surveys over the year

B) Spring = Apr 1 to May 25, Summer = May 26 to Sep 21, Fall = Sep 22 to Dec 15, Winter = Dec 16 to Mar 31

Table 3: Monthly Averages of the Number of Caribou Observed per Survey Trip Along the All-Weather Access Road from 2007 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007	0	0	11.4	14	15.4	7.1	1.5	1.1	10.8	18.4	72.4	18.4
2008	14.3	11.5	11.4	12.7	12.1	3.5	13.3	5.4	12.5	44.3	90.7	10.3
2009	12	10.7	16.7	11.4	13	8.2	0	3.6	8.5	25.4	13	11
2010	5.3	4.1	6.7	10.8	18	9	1.1	5.6	4.8	197.2	106	7.9
2011	3	1	6	34	25.3	12.5	1	63	10.3	71.6	2.3	7.8
2012	5.1	5.3	6	15.2	14.2	3.1	0	1	1	60	116.5	169.7
2013	0	68.1	39.8	0	11	5.3	0	1	6.5	6	455.2	16.8
2014	3.2	10.5	10.5	27.2	8.4	1.5	0	1	33.1	101.8	48.4	17.6
2015	5.8	7	14.4	22.4	14.1	6.3	2	3	12.3	41.5	148.9	275
2016	3.7	2.3	6	23.8	13.2	6.9	0	2.7	3.3	73	2	15.7
2017	8	0	3.5	4	0	1	0	3.4	5.3	63.3	12.6	5.4
2018	6.4	12.3	14.4	51.4	27.7	12.3	1	23.4	23.7	38.8	40.6	1
2019	0	0	6	77.6	22.8	5.7	1	1.3	1	145.8	79	4
2020	0	0	107.6	263.2	430	52	0	185.2	483.9	485.7	556	2.3
2021	0	3	34.6	414.7	226.6	26.4	0.3	161.3	30.7	64.5	35.6	553.5
Average	4.5	9.1	19.7	65.5	56.8	10.7	1.4	30.8	43.2	95.8	118.6	74.4

Data show the average number of caribou observed for a month of the year, including data from all road surveys completed that month. Data are based on the observed number, which might be more inaccurate for larger groups or groups that are further away.

3.6.2 WTHR Surveys

Survey routes were separated into the Vault and Whale Tail segments of the WTHR until 2019 but were analyzed as a single unit (WTHR) in 2020 and 2021. In 2021 there were 144 surveys conducted between 10 January and 31 December with a survey being conducted every 2.5 days on average (Table 4). The number of surveys conducted in 2021 was lower than the number conducted in 2019 and 2020, but much higher than the number of surveys in 2017 and 2018. The decrease in survey effort on the WTHR from 2020 to 2021 is due to differences in the timing and location of caribou observations because survey effort is determined based on caribou observations. More surveys were conducted in spring and summer compared to fall and winter (Table 4).

A total of 11,928 caribou were detected across 144 WTHR surveys (i.e., 82.8 caribou per survey) in 2021. The majority of caribou sightings were observed in the spring months of April and May, and there were no caribou sightings along WTHR in February or March 2021 during road surveys (Table 5). The average number of caribou observed along the WTHR in 2021 was lower in January, February, March, October, November, and December compared to the average across years, but the 2021 average was higher in May, June, and August compared to the average across years (Table 5).

Table 4: Details of Whale Tail Haul Road Surveys from 2017 to 2021

Year	Annual range of surveys	Average Frequency*	Number of WTHR surveys				
			Spring	Summer	Fall	Winter	Annual Total
2017	Jan 03 - Dec 29	7.7 days	9	7	7	24	47
2018	Jan 30 - Dec 30	5.7 days	4	1	7	47	59
2019	Jan 08 - Dec 23	2.0 days	62	39	45	27	173
2020	Jan 07 - Dec 26	2.2 days	47	50	32	32	161
2021	Jan 10 - Dec 31	2.5 days	49	48	26	21	144

Spring = Apr 1 to May 25, Summer = May 26 to Sep 21, Fall = Sep 22 to Dec 15, Winter = Dec 16 to Mar 31

* Frequency refers to the average number of days between surveys over the year

Table 5: Monthly Averages of the Number of Caribou Observed per Survey Trip Along the Whale Tail Haul Road (WTHR) from 2007 to 2021

Year	Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	Vault	0	5	9	5	0	0	0	0	3	0	6	0
2018	Whale Tail	0	0	0	120.4	0	0	8.4	0	15.2	104.7	18.3	13.5
2018	Vault	0	2	5	46.3	0	0	0	0	77	10	0	0
2019	Whale Tail	4	0	4	80	119.2	7.5	1.5	45	3	75.9	3.7	8.3
2019	Vault	0	0	89.2	27.9	0	0	0	0	0	0	0	0
2020	WTHR	1.3	2.8	64.3	235.1	523.8	5.8	0.3	7.4	6.2	0.3	8.6	2.4
2021	WTHR	0.3	0	0	164.7	304.2	59.5	0.5	49.7	25.1	4.1	6.3	2
Average		1.4	2.5	42.9	169.9	236.8	18.2	2.7	25.5	32.4	48.8	10.7	6.6

Data show the average number of caribou observed for a month of the year, including data from all surveys completed that month. Data are based on the observed number, which might be more inaccurate for larger groups or groups that are further away.

3.6.3 Caribou Counts along AWAR and WTHR

The total number of caribou observed in 2021 along the AWAR were similar to 2019 and 2020 numbers, and the total number of caribou observed along the WTHR was similar to 2020 counts but much lower than 2019 counts (Figure 2). Note, total counts across years are not corrected for differences in sampling effort (i.e., the number of surveys), meaning that increases in caribou total counts may be a direct result of increasing the number of surveys conducted annually.

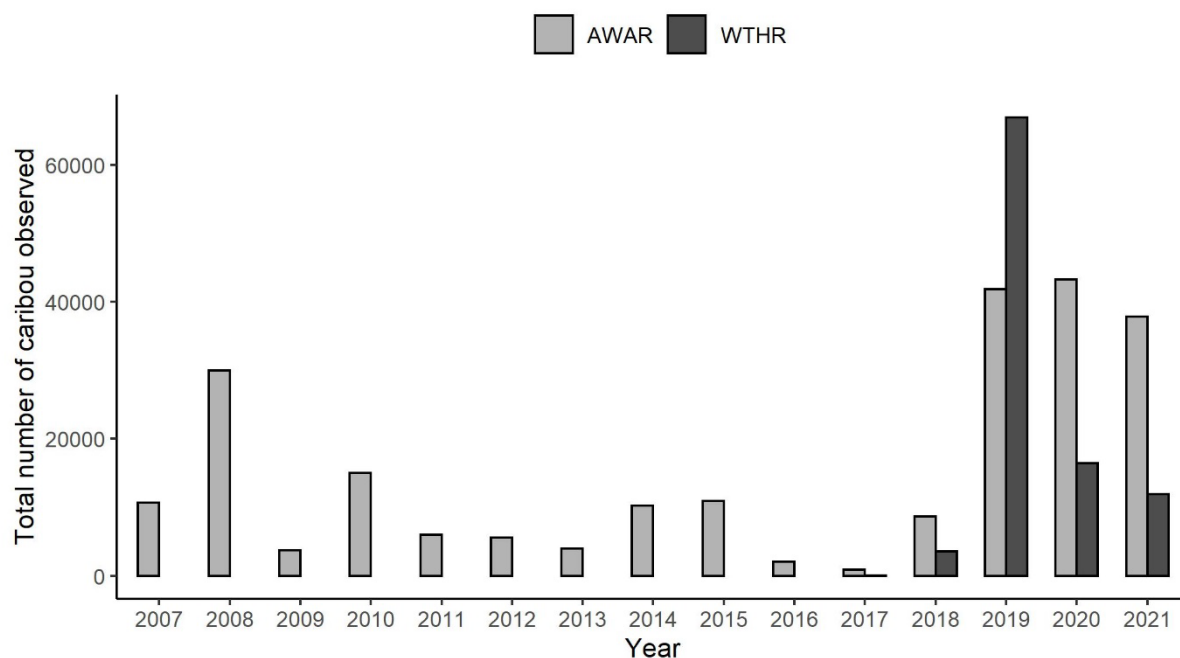


Figure 2: Total Number of Caribou Observed Each Year During All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) Surveys.

Maps were produced to depict the spatial variation of caribou counts along the AWAR and WTHR, summarized as the total number of caribou for each KM segment of road. Note, survey effort was not equal between the AWAR and WTHR in 2021 (177 AWAR surveys and 144 WTHR surveys), so caution should be taken when making comparisons between the two roads. Additionally, caribou observations determine the location and influence the frequency of road surveys. Caribou counts are shown for each segment of the AWAR and WTHR for 2021 for five different time intervals including year-round counts (Figure 3), spring and summer counts (Figure 4), and fall and winter counts (Figure 5). Considering both the AWAR and WTHR, caribou migration paths appear different across seasons with spring migration occurring on both the AWAR and WTHR, and fall migration occurring further south, primarily on the AWAR.

Year-round caribou counts along the AWAR varied substantially with totals ranging between 0 to 2,163 caribou for each one-kilometer section of road, though the majority of kilometer sections had intermediate caribou counts ranging between 150 and 750 caribou (Figure 3). Along the AWAR, caribou counts were lowest near Baker Lake with caribou count annual totals ranging between 0 and 146 caribou from KM 1 to 18. The highest counts were observed between KM 48 to 54, which is consistent with 2020 observations. During the spring months, caribou counts were low along the AWAR but were observed consistently along the north half of the AWAR, with few

sightings near Baker Lake (Figure 4). During the summer months, caribou counts were relatively low along the AWAR, but caribou were still observed in the majority of 1-km segments (Figure 4). During the fall, caribou counts were higher between KM 27 to 65, with a high-density pocket between KM 48 to 56 (Figure 5). Low caribou counts persisted near the Meadowbank LSA during the fall. Caribou counts were very low along the AWAR during the winter, with scattered observations on the northern half of the AWAR and no observations south of KM 38 (Figure 5).

Caribou distributions along the AWAR have changed compared to previous years. The 2019 analysis revealed that from 2008 to 2019 the highest cumulative caribou counts along the AWAR occur in areas closest to the community of Baker Lake and south and north of Whitehills Lake (Agnico Eagle 2020b). Road survey results from 2020 found a similar pattern of year-round distribution along the AWAR and identified the stretch of road from KM 14 to 18 along the AWAR as a high-density congregation area for caribou, particularly in the summer and fall. The 2021 road survey data shows the opposite pattern with the lowest cumulative caribou counts occurring near Baker Lake (Figure 3).

Caribou counts along the WTHR ranged between 0 and 553 with caribou detections in almost every 1-km segment of road (Figure 3). Caribou counts were generally higher along the southern half of WTHR, especially between KM 117 to 124. This observation is consistent with a high-density pocket observed during 2020 road surveys from KM 118 to 120 within the Meadowbank complex. Caribou counts along the WTHR were highest in the spring (Figure 4). Summer counts were fairly consistent along WTHR in the summer, and while lower than spring, caribou were still detected in almost every 1-km segment of road (Figure 4). Conversely, caribou detections were very low in fall and winter along the WTHR and only occurred at a few spots along the road (Figure 5).

3.6.3.1 Group Size Threshold Calculation

Spring and fall Group Size Thresholds for 2022 were calculated using 2021 caribou road survey data as well as historical data. A Group Size Threshold (GST) is defined as the group size at, or above which, 75% of caribou observed interacting with Project infrastructure are expected to occur (Agnico Eagle 2019). Observations of caribou within 250 m of the road or greater than 1000 m away from the road were excluded, based on methodology provided by GN (GN 2021). Spring and fall 2021 caribou road survey observations were grouped by season and observations were pooled between the AWAR and WTHR. The number of groups (i.e., number of observations), average group size, group size range, and 75th percentiles were summarized per season in Table 6. Spring and fall GSTs for 2022 were calculated by averaging GSTs for the corresponding season across all years with at least 100 caribou groups observed for that season. Variation due to low samples sizes may result in biased GSTs, and GST estimates were considered accurate (unbiased) if there were at least 100 groups observed for a season. There were five years of spring data with at least 100 caribou group observations (2008, 2018, 2019, 2020, 2021), and spring GSTs were averaged across those five years to calculate a spring 2022 GST of 35 caribou (Table 6). There were two years of fall data with at least 100 caribou group observations (2008 and 2019), and fall GSTs were averaged across those two years to calculate a fall 2022 GST of 112 caribou (Table 6). For the purpose of calculating thresholds, GSTs were rounded down to the nearest whole number. Fall 2021 road survey data were not used in the calculation for 2022 GSTs because the number of caribou groups observed did not meet the minimum number of observations required.

Table 6: Caribou GST summaries for spring and fall based on 2021 data

Season ^(A)	Number of Observations ^(B)	Average group size	Group size range	Group size 75 th percentile	Calculated GSTs for 2022 ^(C)
Spring	464	32.0	1-476	40	35
Fall	96	94.4	1-700	138	112

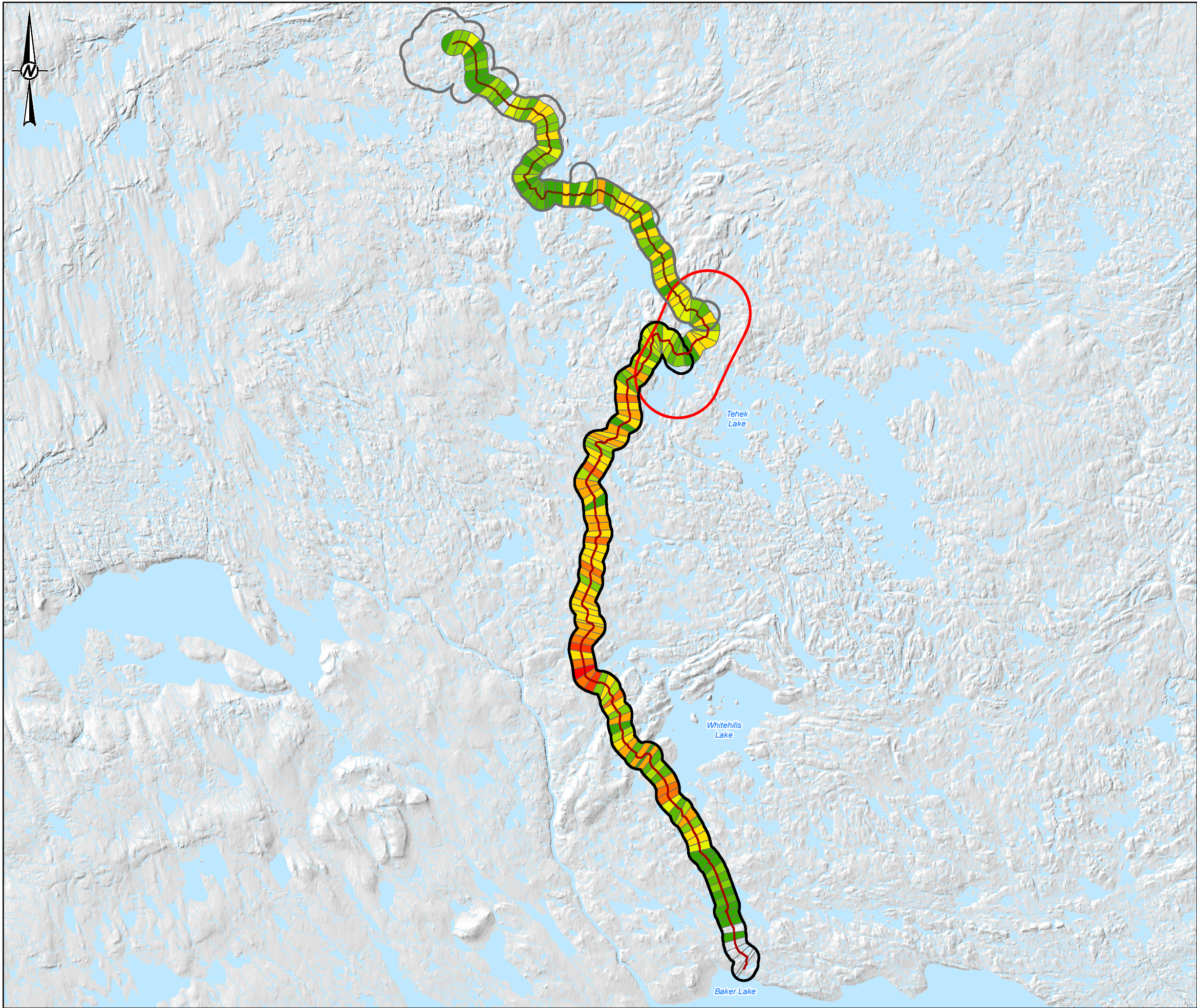
(A) 2021 caribou observations were summarized for the two sensitive seasons, spring and fall;

(B) GSTs are considered unbiased when calculated using observations of at least 100 caribou groups;

(C) GSTs for 2022 were calculated by taking the average of all group size thresholds across years for a given season that meet the minimum sample size requirement (n=100);

GST = group size threshold.

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LEGEND

- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- WATERCOURSE
- WATERBODY

CARIBOU COUNT


1 - 50
50 - 100
100 - 150
150 - 200
200 - 250
250 - 500
500 - 750
750 - 1000
1000 - 1500
1500 - 2200

*EMPTY SECTIONS REFLECT CARIBOU COUNT = 0

0 10 20
1:500,000 KILOMETRES

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT



AGNICO EAGLE

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

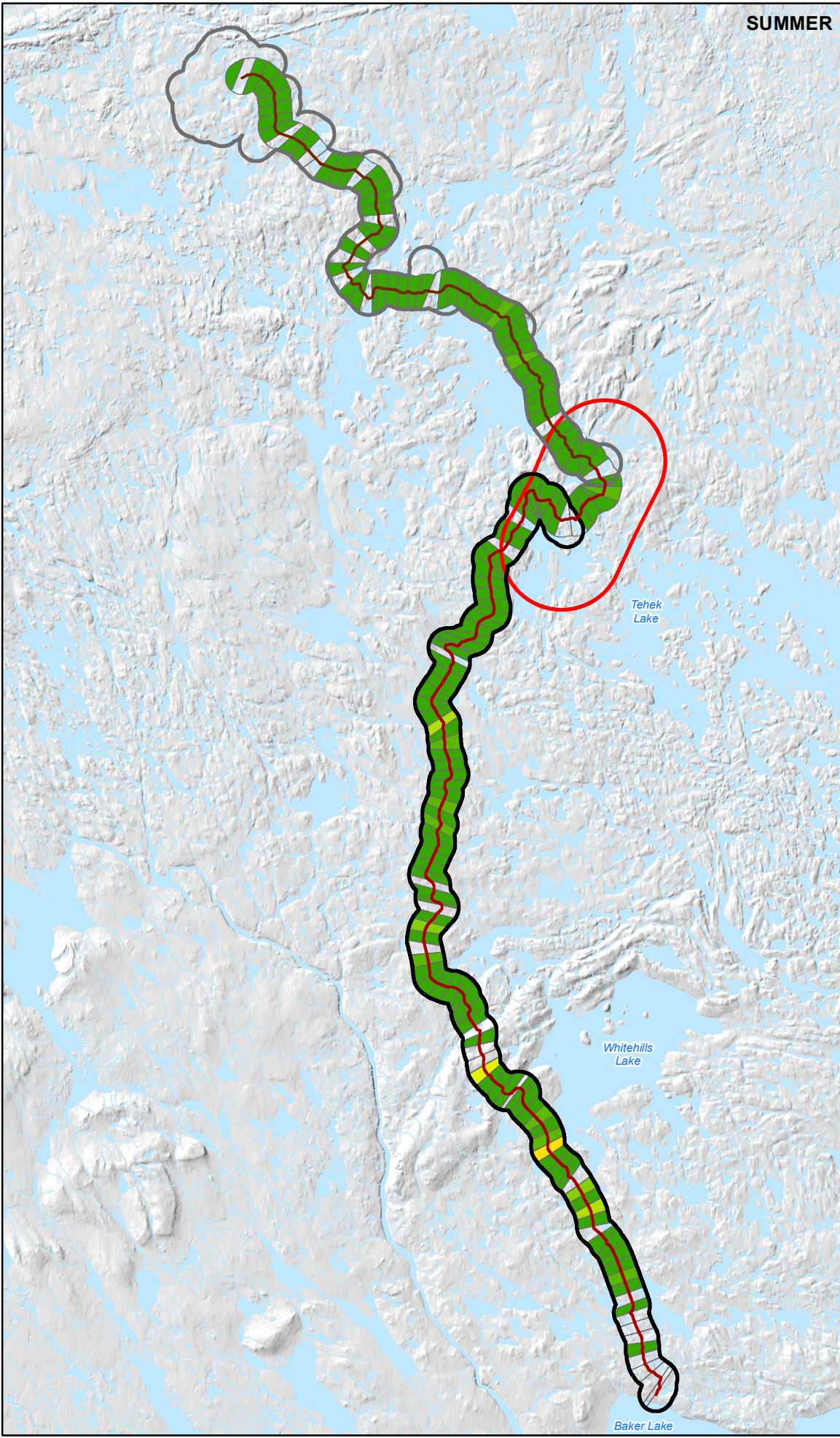
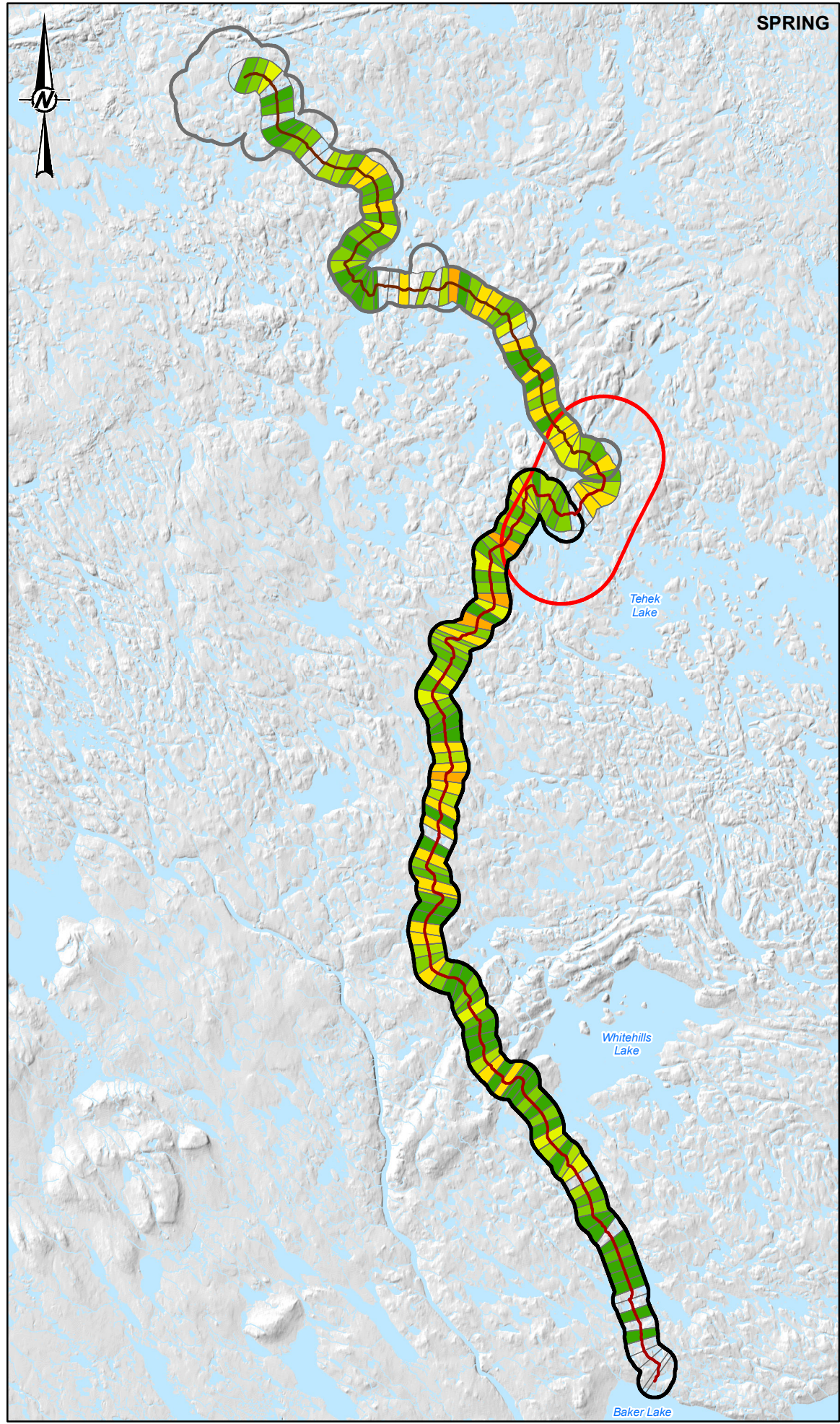
TITLE
**CARIBOU COUNTS ALONG THE ALL-WEATHER ACCESS ROAD
AND WHALE TAIL HAUL ROAD, YEAR-ROUND (2021)**

CONSULTANT	YYYY-MM-DD	2022-03-24
	DESIGNED	JF
	PREPARED	CDB
	REVIEWED	DC
	APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 28mm

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LEGEND

- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- WATERCOURSE
- WATERBODY

CARIBOU COUNT

- 1 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- 200 - 250
- 250 - 500
- 500 - 750
- 750 - 1000
- 1000 - 1500
- 1500 - 2200

*EMPTY SECTIONS REFLECT CARIBOU COUNT = 0

REFERENCE(S)

- INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
- WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE

**AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION**

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

**CARIBOU COUNTS ALONG THE ALL-WEATHER ACCESS ROAD
AND WHALE TAIL HAUL ROAD, SPRING AND SUMMER (2021)**

CONSULTANT	YYYY-MM-DD	2022-03-24
DESIGNED	JF	
PREPARED	CDB	
REVIEWED	DC	
APPROVED	CDM	

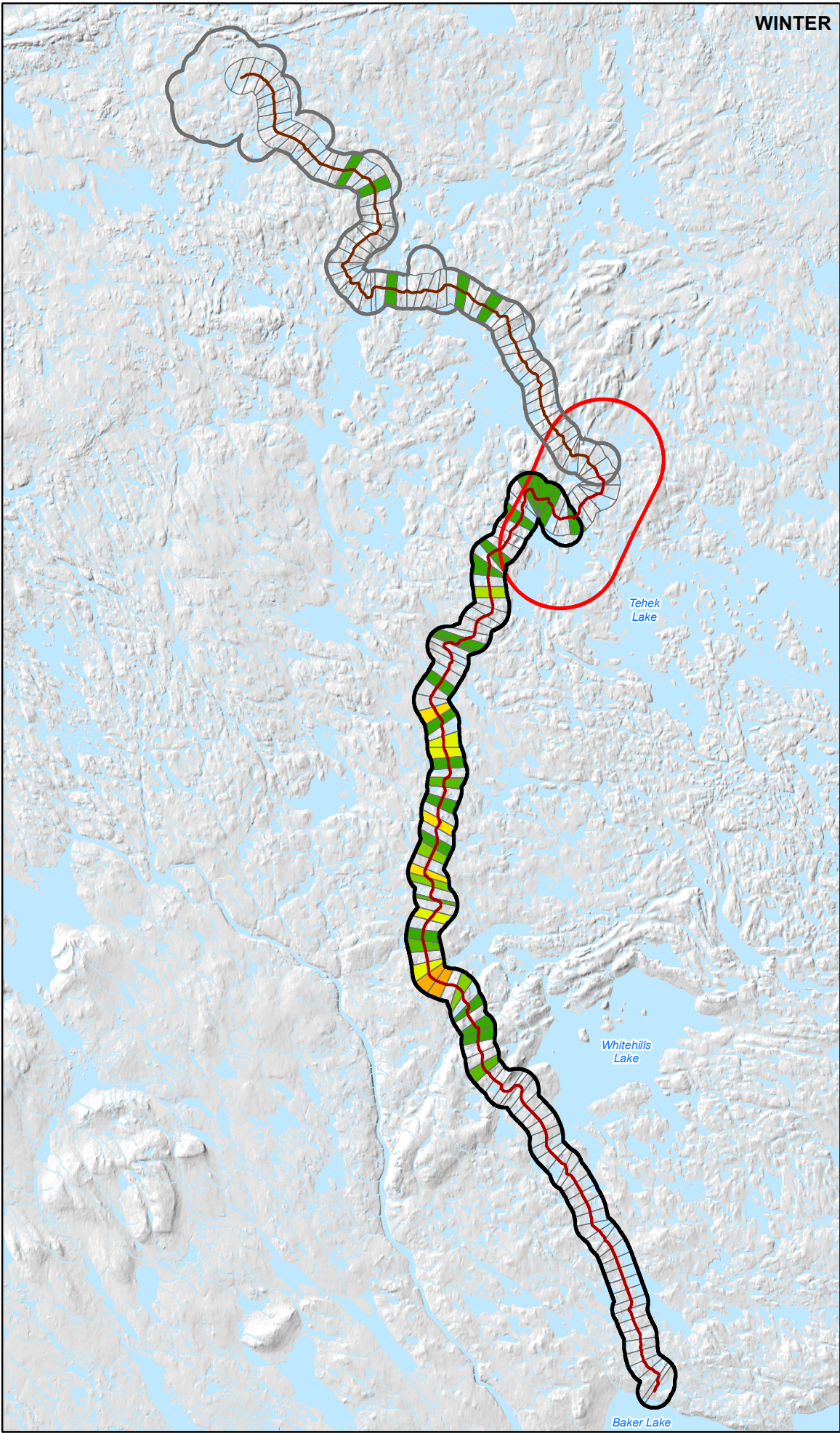
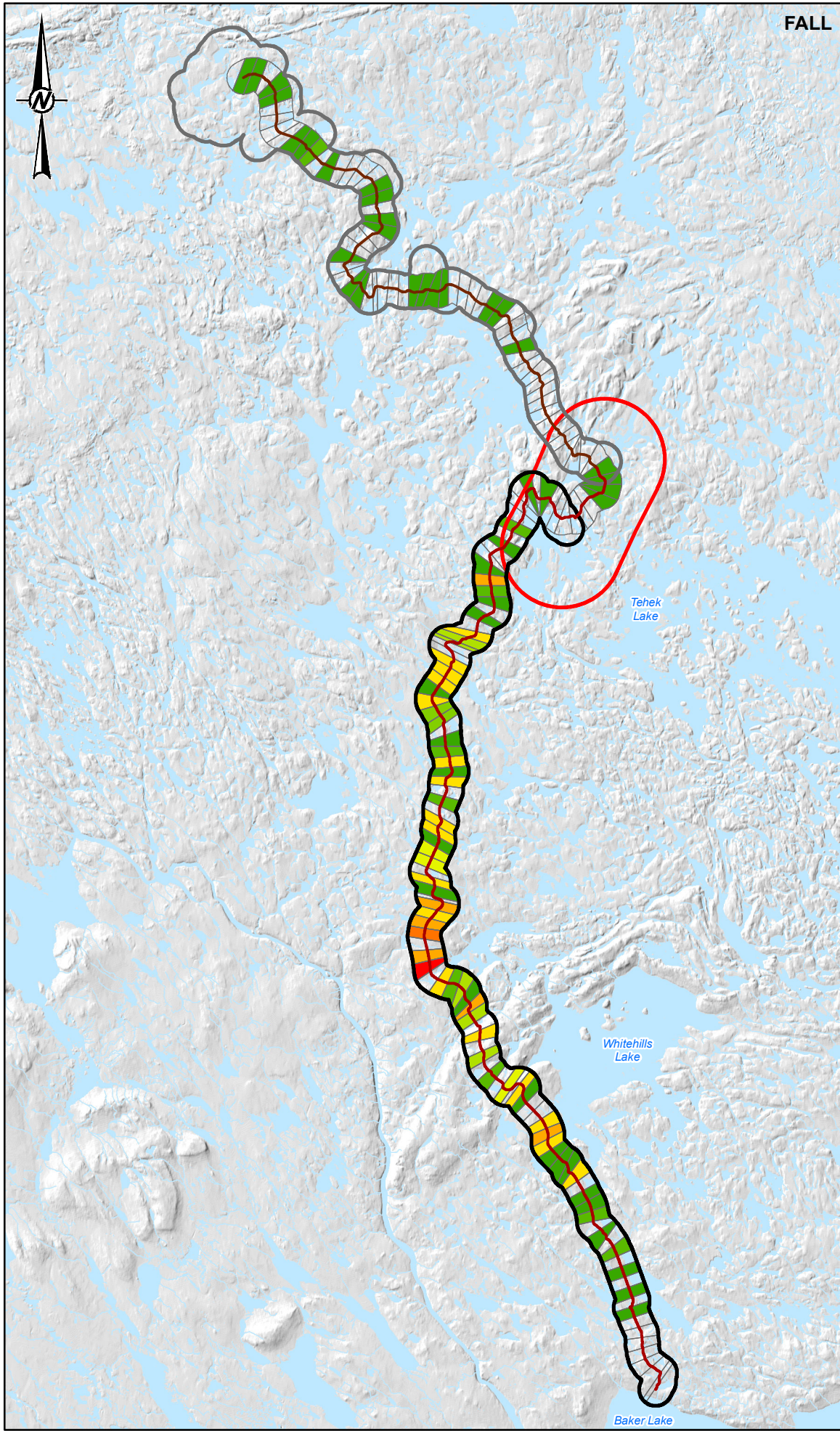
PROJECT NO. 21452616 **CONTROL** 4000/4040 **REV.** 0 **FIGURE** 4

GOLDER
MEMBER OF WSP

0 10 20
1:500,000 KILOMETRES

25mm

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LEGEND

- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- WATERCOURSE
- WATERBODY

CARIBOU COUNT

- 1 - 50
- 50 - 100
- 100 - 150
- 150 - 200
- 200 - 250
- 250 - 500
- 500 - 750
- 750 - 1000
- 1000 - 1500
- 1500 - 2200

*EMPTY SECTIONS REFLECT CARIBOU COUNT = 0

REFERENCE(S)

- INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
- WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE

**AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION**

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

**CARIBOU COUNTS ALONG THE ALL-WEATHER ACCESS ROAD
AND WHALE TAIL HAUL ROAD, FALL AND WINTER (2021)**

CONSULTANT	YYYY-MM-DD	2022-03-24
DESIGNED	JF	
PREPARED	CDB	
REVIEWED	DC	
APPROVED	CDM	

PROJECT NO. 21452616 **CONTROL** 4000/4040 **REV.** 0 **FIGURE** 5

3.6.4 Wildlife Observations from Road Surveys

Eight mammalian species and ten avian species were detected and identified during road surveys in 2021 (Table 7). Arctic fox (*Vulpes lagopus*), Arctic ground squirrel (*Urocitellus parryi*), Arctic hare (*Lepus arcticus*), caribou, grey wolf (*Canis lupus*), muskox, and wolverine (*Gulo gulo*) were all detected along both the AWAR and WTHR, and one red fox (*Vulpes vulpes*) was detected along the AWAR. American crow (*Corvus brachyrhynchos*), Canada goose (*Branta canadensis*), common raven (*Corvus corax*), greater white-fronted goose (*Anser albifrons*), ptarmigan sp. (*Lagopus* sp.), rough-legged hawk (*Buteo lagopus*), sandhill crane (*Antigone canadensis*), and snow goose (*Chen caerulescens*) were detected on both the AWAR and WTHR (Table 7). Additionally, bald eagle (*Haliaeetus leucocephalus*), long-tailed jaeger (*Stercorarius longicaudus*), and peregrine falcon (*Falco peregrinus tundrius*) were detected along the AWAR.

Eight mammalian species and six avian species were detected and identified incidentally on the AWAR and WTHR in 2021 (Table 8). Arctic fox, Arctic ground squirrel, Arctic hare, caribou, grey wolf, grizzly bear (*Ursus arctos horribilis*), muskox, and wolverine were all detected along both the AWAR and WTHR, as well as a small mammal on the AWAR that was not identified. Rough-legged hawk were detected on both the AWAR and WTHR (Table 8). Bald eagle, common raven, sandhill crane, and snowy owl (*Bubo scandiacus*) were observed on the AWAR, and peregrine falcon were detected on WTHR (Table 8). Ptarmigan sp. and swallow sp. (*Hirundinidae* sp.) were observed on the AWAR.

Table 7: Species Detected During Road Surveys at All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) in 2021 by Month

Species Group	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
AWAR														
Mammal	Arctic fox	0	0	0	3	13	0	1	29	4	0	3	0	53
	Arctic ground squirrel	0	0	0	0	7	1	0	9	3	0	0	0	20
	Arctic hare	0	0	0	9	29	7	1	4	8	0	1	1	60
	Caribou	0	3	173	10367	4306	264	2	1936	461	839	1210	18264	37825
	Grey wolf	0	0	0	6	5	0	0	0	0	0	0	16	27
	Muskox	27	0	151	309	93	8	73	228	171	35	16	34	1145
	Red fox	0	0	0	0	0	0	0	0	0	1	0	0	1
	Wolverine	0	0	0	0	0	0	0	0	0	0	1	1	2
Bird	American crow	33	0	0	0	0	1	0	0	0	0	0	0	34
	Bald eagle	0	0	0	0	0	0	0	3	2	0	0	0	5
	Canada goose	0	0	0	0	5	7	0	61	36	0	0	0	109
	Common raven	0	0	0	0	11	0	0	4	0	0	0	0	15
	Eagle sp.	0	0	0	0	0	1	0	0	0	0	0	0	1
	Greater white-fronted goose	0	0	0	0	130	4	0	0	0	0	0	0	134
	Long-tailed jaeger	0	0	0	0	0	0	0	1	0	0	0	0	1
	Peregrine falcon	0	0	0	0	0	1	0	0	3	0	0	0	4
	Ptarmigan sp.	0	0	0	0	73	1	0	0	0	62	43	0	179
	Rough-legged-hawk	0	0	0	0	0	0	0	0	1	0	0	0	1

Table 7: Species Detected During Road Surveys at All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) in 2021 by Month

Species Group	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Whale Tail														
Mammal	Arctic fox	0	1	0	3	1	1	0	0	1	0	5	2	14
	Arctic ground squirrel	0	0	0	0	3	0	1	1	0	0	0	0	5
	Arctic hare	0	0	0	0	2	0	1	1	0	1	1	2	8
	Caribou	1	0	0	4941	5779	357	3	298	326	53	138	32	11928
	Grey wolf	0	0	0	7	0	0	0	0	0	0	0	0	7
	Muskox	2	63	10	7	7	0	41	59	103	66	176	59	593
	Wolverine	0	0	0	1	0	0	0	0	0	0	0	0	1
Bird	American crow	2	1	0	0	0	0	0	0	0	0	0	0	3
	Canada goose	0	0	0	0	0	0	0	13	27	0	0	0	40
	Common raven	0	0	0	0	0	0	0	0	0	0	1	2	3
	Greater white-fronted goose	0	0	0	0	0	0	0	0	635	0	0	0	635
	Ptarmigan sp.	0	0	0	1	35	0	0	5	0	20	0	0	61
	Rough-legged-hawk	0	0	0	0	1	0	0	0	0	0	0	0	1
	Sandhill crane	0	0	0	0	0	0	0	2	3	0	0	0	5
	Snow goose	0	0	0	0	0	0	0	0	74	0	0	0	74

Table 8: Species Detected Incidentally at All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) in 2021 by Month

Species Group	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
AWAR														
Mammal	Arctic fox	0	0	3	0	2	0	5	0	0	1	1	0	12
	Arctic ground squirrel	0	0	0	0	3	0	0	0	0	0	0	0	3
	Arctic hare	0	0	0	0	12	0	0	1	0	1	1	1	16
	Caribou	0	120	249	1515	565	42	0	5	68	338	122	372	3396
	Grey wolf	1	0	0	1	0	1	1	0	0	0	8	0	12
	Grizzly bear	0	0	0	0	3	0	0	0	0	0	0	0	3
	Muskox	50	28	161	33	79	4	12	25	20	13	9	0	434
Bird	Wolverine	1	0	0	1	0	0	0	0	0	0	0	0	2
	Bald eagle	0	0	0	0	0	0	0	0	3	0	0	0	3
	Common raven	0	0	0	14	1	0	0	0	0	0	0	0	15
	Ptarmigan sp.	0	0	0	17	9	0	0	0	0	0	0	0	26
	Rough-legged hawk	0	0	0	0	2	0	0	0	0	0	0	0	2
	Sandhill crane	0	0	0	0	12	0	0	0	12	0	0	0	24
	Snowy owl	0	0	0	0	1	0	0	0	0	0	0	1	2
	Swallow sp.	0	0	0	0	1	0	0	0	0	0	0	0	1

Table 8: Species Detected Incidentally at All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) in 2021 by Month

Species Group	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
WTHR														
Mammal	Arctic fox	0	0	2	1	1	0	0	2	0	0	1	0	7
	Arctic ground squirrel	0	0	0	0	0	0	0	3	0	0	0	0	3
	Arctic hare	0	0	0	0	0	0	0	3	0	3	2	0	8
	Caribou	0	4	127	2075	475	0	0	414	158	87	30	5	3375
	Grey wolf	0	0	4	5	5	2	0	1	17	8	9	0	51
	Grizzly bear	0	0	0	0	0	0	0	0	0	3	0	0	3
	Muskox	2	30	6	49	0	0	3	14	0	0	6	7	114
	Wolverine	1	0	0	0	0	0	0	0	0	0	0	0	1
Bird	Peregrine falcon	0	0	0	0	1	0	0	0	0	0	0	0	1
	Rough-legged hawk	0	0	0	0	2	0	0	0	0	0	0	0	2

AWAR = All Weather Access Road, WTHR = Whale Tail Haul Road.

3.6.5 Road-related Mitigation

Road-related monitoring and mitigation were implemented according to Figures 7 and 8 of the TEMP version 7 (Agnico Eagle 2019). Collar location maps were instrumental in assessing the need for increased road monitoring. Road-related mitigation related to caribou presence in 2021 resulted in road closures and a corresponding reduction in total vehicle movements (Section 0). Road closures were implemented, or vehicle movements were restricted (e.g., light vehicles only, speed limited enforced) in response to high caribou numbers. Convoys were organized by Environment staff, who had the training to decide whether vehicles could continue along the road when caribou were sighted, and at times assisted by the BLHTO or the KivIA.

Regular wildlife warnings were dispatched based on observation and monitoring data. The road supervisors and operators also ensured protection of wildlife by assisting in surveillance and closing roads as needed. Radio notices reminding operators of the appropriate speed limit were made frequently by dispatchers. During caribou peak migration, notices were sent to all road occupants, regulatory agencies, local groups, and wildlife consultants were notified, and road survey efforts were increased.

3.6.6 AWAR and WTHR Closures

Significant movements of caribou occurred along the AWAR throughout April and early May, and through much of December, resulting in multiple closures to Project-related traffic. The AWAR was fully closed on 49 days, and partially closed on 9 days (including days identified as Partial Closure and days identified as Close/Open) and had speed restrictions applied for 39 days (Table 9). In total, there were 97 days with restrictions related to ungulate activity in 2021. Restrictions were generally due to presence of caribou, and all wildlife related closures were due to the presence of caribou. Mitigation measures such as reduced speeds were instituted due to the presence both muskox and caribou herds throughout the year (Table 9).

Significant movements of caribou occurred along the Meadowbank Whale Tail Haul Road in spring during April and early-May 2021 resulting in multiple closures and speed restrictions (Table 9). The WTHR was fully closed on 13 days, partially closed on 1 day, and had speed restrictions applied for 29 days for a total of 43 days with restrictions related to ungulate activity in 2021. All closures and the one partial closure were due to the presence

of caribou, however reduced speeds were instituted due to the presence of both muskox and caribou herds throughout the year (Table 9). Table 9 shows a summary of the number of ungulate related restrictions implemented in 2021. Full summaries of road restrictions are available in Appendix B for both AWAR (Appendix B, Table B-1) and WTHR (Appendix B, Table B-2).

The percentage of caribou that encountered the AWAR when closed ranged from 65% of caribou observations in winter (1,813 of 2,805 caribou observed in winter) to 94% of caribou observed in fall (15,716 of 16,744 caribou observed in fall; Table 10). The percentage of caribou that encountered the WTHR when closed ranged from 0 in fall and winter when there were no road closures to 81% during the spring (10,640 out of 13,099 caribou observed in spring; Table 10). Percentages were calculated based on the sum of caribou observations on each road based on closure status (i.e., open versus closed/partial closure).

Table 9: Number of Road Restrictions Implemented Due to Ungulate Activity Along the All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR), 2021.

Road	Closure Status	Cause	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
AWAR	Closed	Caribou	-	-	-	21	6	-	-	1	-	2	2	17	49
	Partial Closure	Caribou	-	-	-	-	-	-	-	7	-	-	2	-	9
	Speed Restriction	Caribou	-	2	5	3	8	1	-	1	3	-	1	5	29
	Speed Restriction	Muskox	2	1	4	-	-	-	-	-	2	1	-	-	10
WTHR	Closed	Caribou	-	-	-	8	4	-	-	1	-	-	-	-	13
	Partial Closure	Caribou	-	-	-	-	1	-	-	-	-	-	-	-	1
	Speed Restriction	Caribou	-	-	1	9	4	1	-	2	1	-	1	-	19
	Speed Restriction	Muskox	-	2	-	1	-	-	-	2	4	1	2	-	10

AWAR = All Weather Access Road, WTHR = Whale Tail Haul Road.

Table 10: Percentage of Caribou Encountering Closed Roads

Road	Season	Number of Caribou Encountering Closed Roads	Total Caribou Observations	Percentage of Caribou Encountering Closed Road
AWAR	Spring	13,219	16,721	79.1
	Summer	1,813	2,805	64.6
	Fall	15,716	16,744	93.9
	Winter	3,963	4,954	80.0
WTHR	Spring	10,640	13,099	81.2
	Summer	195	1,466	13.3
	Fall	0	712	0.0
	Winter	0	164	0.0

AWAR = All Weather Access Road, WTHR = Whale Tail Haul Road.

3.6.7 Traffic Data

Total one-way traffic along the AWAR in 2021 included 173 heavy equipment, 15,084 medium equipment, and 14,259 light equipment vehicles for a total of 29,516 vehicles (Table 11). Total traffic along the WTHR included 54,532 long-haul, 3,341 medium equipment, and 4,164 light equipment vehicles, for a total of 62,037 vehicles (Table 12). Total traffic along the AWAR was about 31% higher in 2021 than the 2020 total of 22,516 vehicles, and traffic along the WTHR was 23% higher in 2021 compared to the 50,441 vehicles in 2020 (Golder 2021). Monthly vehicle traffic for the AWAR and WTHR fluctuated throughout the year (Figure 6). Lowest traffic rates on the AWAR occurred in July, and highest traffic rates occurred in August (Table 11; Figure 6). On the WTHR, lowest traffic rates were recorded in February, and highest rates were recorded in June and July when caribou are not as abundant (Table 12; Figure 6). There were 71 convoys between April 17 and December 18 along the AWAR, and 21 convoys between April 9 and May 3 along the WTHR in 2021 (Table 13). Note, convoys were included as one-way trips, meaning a round trip on a single day would be considered two separate convoys. Convoys occurred during road closures, but convoys did not occur on all days where roads were closed. Excluding environmental staff vehicles (n=85), the most common vehicle types during convoys were fuel tankers (n=311), pick-up trucks (n=57), and buses (n=36; Table 13).

Table 11: Monthly Traffic Data for the Meadowbank All-Weather Access Road in 2021

Month	Heavy Equipment	Medium Equipment	Light Equipment	Total
January	5	1261	1225	2491
February	0	1028	986	2014
March	0	1130	1066	2196
April	0	778	1182	1960
May	9	1031	1205	2245
June	0	1153	1413	2566
July	2	918	886	1806
August	142	1928	1617	3687
September	5	2058	1354	3417
October	10	1711	1514	3235
November	0	1304	1062	2366
December	0	784	749	1533
Total	173	15084	14259	29516

Table 12: Monthly Traffic Data for the Meadowbank Whale Tail Haul Road in 2021

Month	Long-Haul	Medium Equipment	Light Equipment	Total
January	3750	372	434	4556
February	3492	250	206	3948
March	4966	319	277	5562
April	3750	244	271	4265
May	4594	262	297	5153
June	5528	258	354	6140
July	5398	323	397	6118
August	4990	347	271	5608
September	4952	301	447	5700
October	4768	297	371	5436
November	4560	173	510	5243
December	3784	195	329	4308
Total	54532	3341	4164	62037

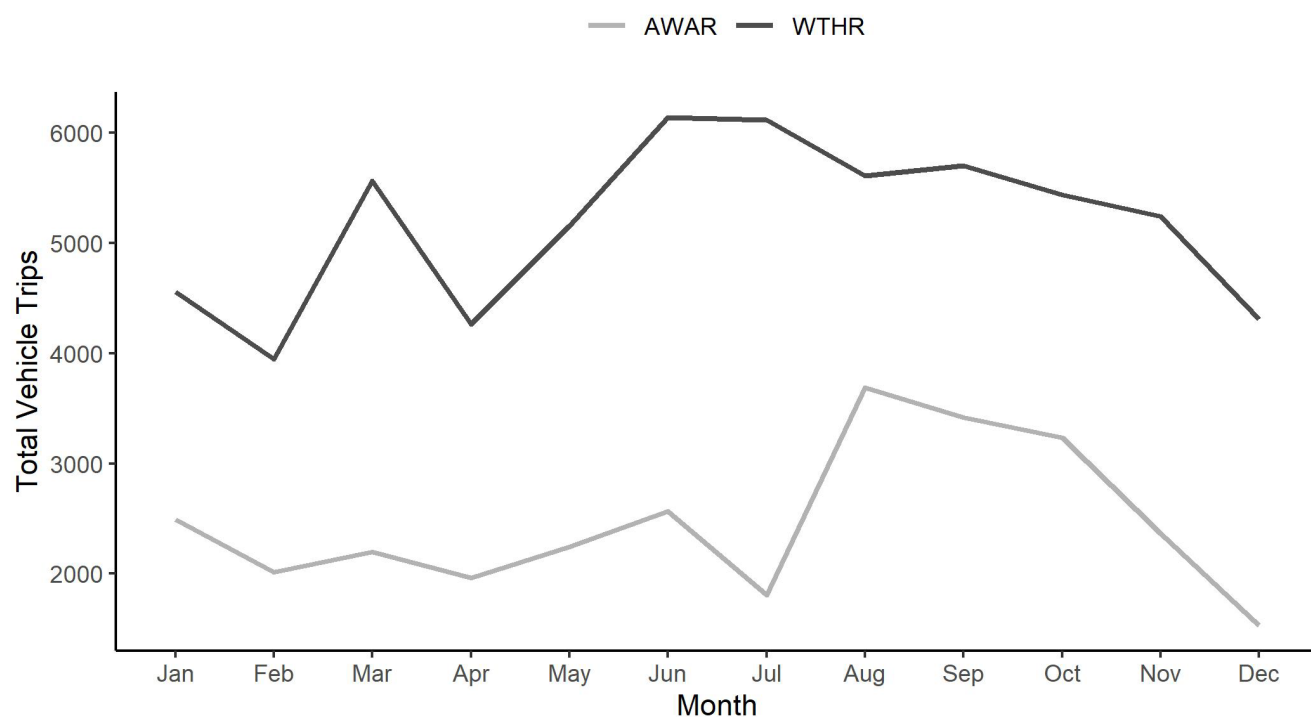
**Figure 6: Total Vehicle Traffic (One-way Trips) Along All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) per Month in 2021**

Table 13: Convoy tracker for the AWAR and WTHR in 2021

Date	Direction of Travel	ENV	Pick Up	Bus	Cube Truck	Emulsion	Fuel Tanker	Tractor Trailer	Vacuum	Other	Total ^(A)
AWAR											
2021-04-17	North	1					4				5
2021-04-17	South	1					6				7
2021-04-18	North	1	1				6				8
2021-04-18	South	1	1				4				6
2021-04-19	North	1	1				5				7
2021-04-19	South	1	1				5				7
2021-04-20	North	1	1				6				8
2021-04-20	South	1	1				4				6
2021-04-21	North	1	1				5				7
2021-04-21	South	1	1				6				8
2021-04-23	North	1	2				7	0			10
2021-04-23	South	1	2				5	5			13
2021-04-24	North	1	1				4				6
2021-04-24	South	1	1				6				8
2021-04-25	North	1	1				6				8
2021-04-25	South	1	1				2	1			5
2021-04-26	North	1	1				5				7
2021-04-26	South	1	1				7				9
2021-04-30	North	1	2				5				8
2021-04-30	South	1	1				3	1			6
2021-04-30	South	1					4				5
2021-05-01	North	1					5				6
2021-05-01	North	1	2				4				7
2021-05-01	South	1	2				5				8
2021-05-01	South	1					4				5
2021-05-02	North	1					6				7
2021-05-02	North	1	1								2
2021-05-02	South	1	1				5				7
2021-05-02	South	1									1
2021-05-03	North	1					4				5
2021-05-03	North	1	1				3				5
2021-05-03	South	1	1				4				6
2021-05-03	South	1					3				4
2021-05-04	North	1	1				5				7

Date	Direction of Travel	ENV	Pick Up	Bus	Cube Truck	Emulsion	Fuel Tanker	Tractor Trailer	Vacuum	Other	Total ^(A)
2021-05-04	South	1	1				5				7
2021-05-05	North	1					5				6
2021-05-05	South	1					5				6
2021-05-06	North	1					4				5
2021-05-06	North	1					5				6
2021-05-06	South	1	1				4				6
2021-05-06	South	1					5				6
2021-05-07	South	1	1				5				7
2021-07-08	South	1		1							2
2021-08-14	North	1		1			7				9
2021-08-14	North	1		1			4				6
2021-08-14	South	1		1			5				7
2021-08-14	South	1		1			6				8
2021-08-15	North	1	5					6			12
2021-08-15	South	1	2					5			8
2021-11-13	North	1	1	1							3
2021-11-13	North	1		1							2
2021-11-13	South	1		1							2
2021-11-13	South	1		1							2
2021-12-08	North	1			1						2
2021-12-08	South	1			1						2
2021-12-11	North	1		1	1		9				12
2021-12-11	North	1		1							2
2021-12-11	South	1		1	1		1				4
2021-12-11	South	1	1	1			1				4
2021-12-12	North	1	1				2				4
2021-12-12	South	1					5				6
2021-12-14	North						5			1	6
2021-12-15	North						5			1	6
2021-12-15	South						8			1	9
2021-12-16	North						8			1	9
2021-12-16	South						8			1	9
2021-12-17	North						6			1	7
2021-12-17	South						6			1	7
2021-12-18	North	1		1							2
2021-12-18	South	1		1			8			1	11
2021-12-18	South	1		1							2

Date	Direction of Travel	ENV	Pick Up	Bus	Cube Truck	Emulsion	Fuel Tanker	Tractor Trailer	Vacuum	Other	Total ^(A)
WTHR											
2021-04-09	North	1		1	1						3
2021-04-09	South	1	1	1							3
2021-04-10	South	1			1						2
2021-04-14	North	1	3	2	1	1					8
2021-04-14	South	1		2							3
2021-04-15	North	1		2	1	1			1		6
2021-04-15	South	1		2	1	1			1		6
2021-04-27	North	1			2		4				7
2021-04-27	South	1					4				5
2021-04-28	North	1	2	2	1		2		1		9
2021-04-28	South	1	2	2	1				1		7
2021-04-29	North	1	3	4	2		2				12
2021-04-29	South	1									1
2021-04-30	North	1	1				4				6
2021-04-30	South	1					4				5
2021-05-02	North	1	1		2	1					5
2021-05-02	South	1	1		2	1					5
2021-05-03	North	1		1	2	2					6
2021-05-03	North	1					3	1			5
2021-05-03	South	1		1	2	2					6
2021-05-03	South	1					3	1			5
Total^(B)		85	57	36	23	9	311	20	4	8	553

AWAR = All Weather Access Road, WTHR = Whale Tail Haul Road;

(A) Total number of vehicles per convoy;

(B) Total number of vehicles by vehicle type summed across all AWAR and WTHR convoys.

3.6.8 Caribou Responses to Mitigation

Caribou Crossings

The frequency of road surveys in 2021 demonstrate Agnico Eagle's commitment to preventing impacts to caribou from the AWAR, WTHR (including Vault Haul Road). Mitigation measures such as reduced speeds, convoys, and multiple road closures function to minimize road-related effects including mortality, injury, and reduced caribou passage. Incidental sightings in 2021 recorded in the Wildlife Log (Appendix A) and road surveys showed that caribou crossed roads throughout the year, with especially high numbers during spring and fall migration (Table 14).

A total of 5,196 caribou were observed crossing the AWAR and 824 caribou were observed crossing the WTHR in 2021. The greatest number of caribou were observed crossing the AWAR during fall migration in December (3,875 observed crossings), and a much smaller increase was observed during spring migration in April and May (Figure 7). The greatest number of caribou crossing the WTHR was observed during spring migration in April and May with 743 caribou crossings observed across both months. There were no observed caribou crossings on the AWAR in January, February, July, and October, and there were no observed caribou crossings on the WTHR during January, February, March, and December (Figure 7). Caribou movement patterns continue to require close monitoring and analysis in 2022.

Table 14: Observations of Caribou Crossing Mine Roads in 2021

Date	KM Marker	Count
AWAR		
2021-03-17	102	1
2021-04-01	91	4
2021-04-06	102	19
2021-04-10	102	1
2021-04-10	71	28
2021-04-22	102	14
2021-04-22	87	375
2021-04-24	66	200
2021-04-25	89	48
2021-04-25	88	15
2021-04-25	34	5
2021-04-26	72	30
2021-04-30	57	32
2021-05-04	107	9
2021-05-04	81	14
2021-05-04	78	15
2021-05-04	64	20

Table 14: Observations of Caribou Crossing Mine Roads in 2021

Date	KM Marker	Count
2021-05-07	70	173
2021-06-07	63	7
2021-08-10	6	12
2021-08-11	19	2
2021-08-14	75	200
2021-08-15	15	4
2021-09-10	90	2
2021-09-10	89	6
2021-09-15	104	17
2021-11-01	91	8
2021-11-01	98	58
2021-11-15	65	2
2021-12-07	84	130
2021-12-08	50	650
2021-12-08	90	12
2021-12-09	26	32
2021-12-09	77	412
2021-12-10	56	600
2021-12-13	51	600
2021-12-13	53	260
2021-12-15	64	300
2021-12-15	53	430
2021-12-15	46	150
2021-12-16	55	240
2021-12-26	57	55
2021-12-31	91	4
2021-03-17	102	1
Total		5196

Table 14: Observations of Caribou Crossing Mine Roads in 2021

Date	KM Marker	Count
WTHR		
2021-04-15	114	280
2021-05-04	126	40
2021-05-04	131	50
2021-05-04	134	30
2021-05-04	111	300
2021-05-06	156	34
2021-05-28	124	9
2021-06-02	125	6
2021-06-10	177	6
2021-07-08	138	1
2021-07-27	109	1
2021-08-07	177	1
2021-08-07	168	2
2021-08-07	176	1
2021-08-08	144	9
2021-08-12	138	1
2021-08-14	110	1
2021-08-14	110	2
2021-08-19	132	1
2021-09-04	126	1
2021-09-08	159	9
2021-09-18	112	5
2021-09-18	126	10
2021-09-20	159	6
2021-09-20	115	5
2021-09-28	149	6
2021-10-24	178	1
2021-11-03	129	6
Total		824

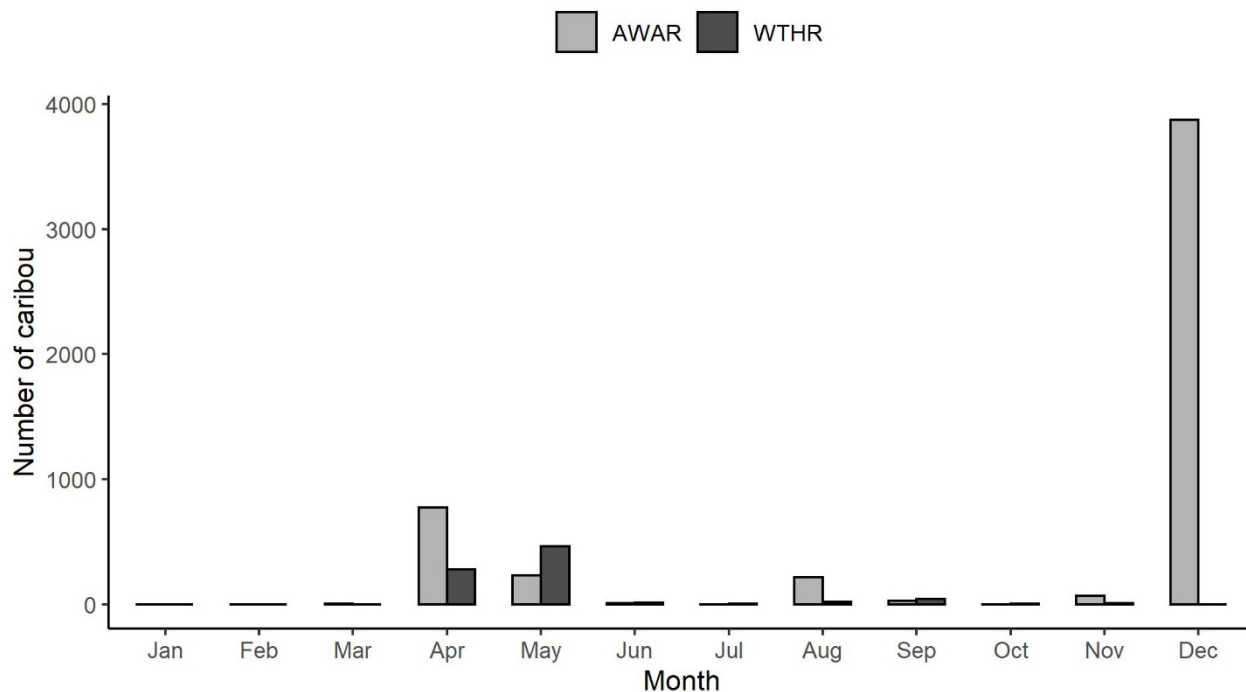


Figure 7: Average Number of Caribou Crossings Observed per Survey Each Month During All-Weather Access Road (AWAR) and Whale Tail Haul Road (WTHR) Surveys in 2021

Tolerant Caribou Observations

Observations of tolerant caribou along the AWAR and WTHR contribute to assessing risk and the success of mitigation measures. The TEMP Version 7 defines Project tolerant caribou as:

“An animal or group of animals (i) observed within a mitigation distance buffer for greater than 72 hours during the winter or 48 hours during other season; and (ii) not visibility disturbed by the Project”

On five occasions, caribou were determined to be Project tolerant as defined in TEMP Version 7 (Agnico Eagle 2019) (Table 15). Three caribou were identified as Project tolerant at Whale Tail and 14 tolerant caribou were recorded along the WTHR, totalling 17 tolerant caribou. There were no observations of Project tolerant caribou along the AWAR. Note, identification of project tolerant caribou did not impact the decision tree process or relax mitigation measures in place.

Table 15: Observations of Tolerant Caribou in 2021

Date	Survey Type	Location	Closure Status	KM Marker	Distance	Number of caribou	Tolerance
2021-09-28	Incidental	Whale Tail	N/A	N/A	N/A	3	Yes - Same as the group seen on the 2021-09-26. All males with big antlers
2021-10-01	Incidental	Whale Tail	N/A	N/A	N/A	3	Yes - Same as the group seen on 2021-09-26 and 2021-09-28
2021-09-24	Road	WTHR	Open	111	200	4	Yes - Hanging around for couple days
2021-09-24	Road	WTHR	Open	113	500	1	Yes - Been hanging around vault for couple days, a week
2021-11-11	Road	WTHR	Open	160	1000	9	Yes – A male seen yesterday by the HLT driver at the same place

WTHR = Whale Tail Haul Road

3.6.9 Road-related Wildlife Mortality

The following wildlife mortalities, associated with the AWAR, and WTHR were recorded in 2021 (Table 16). No project related caribou mortalities were associated with the AWAR, or WTHR in 2021. Mortality reports are included in Appendix D.

Upon discovery of any unreported roadkill remains, Environment staff and/or road supervisors reminded employees of road rules and the need to enforce these rules. All employees are regularly reminded at toolbox meetings that all Project-related incidents are to be reported and that wildlife have the right-of-way at all times. Mine staff are required to stop vehicles and wait for wildlife to cross roads. No feeding wildlife and waste management practices are also regularly reviewed with employees. There were no road-related grizzly bear, wolverine, or wolf mortalities in 2021. Mine site related mortalities are described in Section 4.5.8.

Table 16: Wildlife Mortalities Related to the All-Weather Access Road, and Whale Tail Haul Road and Non-Mine Related Mortalities in 2021

Date	Species	Count	Project Related	Location	Comments
23-Jan	Common raven	1	Undetermined	AWAR KM 8	Undetermined
27-Mar	Arctic fox	1	Yes	AWAR KM 103	Suspected vehicle collision
16-May	Arctic hare	1	Yes	AWAR KM 22	Suspected vehicle collision
28-Jul	Arctic fox	1	Yes	AWAR KM 70	Suspected vehicle collision
07-Aug	Arctic hare	1	Yes	AWAR KM 40	Suspected vehicle collision
10-Sep	Arctic fox	1	Yes	AWAR KM 52	Suspected vehicle collision
10-Sep	Arctic fox	1	Yes	AWAR KM 61	Suspected vehicle collision
15-Sep	Arctic hare	1	Yes	AWAR KM 66	Suspected vehicle collision
18-Sep	Arctic hare	1	Yes	AWAR KM 32	Suspected vehicle collision
13-Oct	Arctic fox	1	Yes	AWAR KM 16	Suspected vehicle collision
28-Oct	Arctic hare	1	Yes	AWAR KM 92	Suspected vehicle collision
10-Nov	Arctic hare	1	Yes	AWAR KM 16	Suspected vehicle collision
29-Nov	Arctic hare	1	Yes	AWAR KM 79	Suspected vehicle collision
24-Dec	Arctic hare	1	Yes	AWAR KM 23	Suspected vehicle collision
29-Dec	Arctic hare	1	Yes	AWAR KM 59	Suspected vehicle collision
06-Aug	Arctic hare	1	Yes	WTHR KM 171	Suspected vehicle collision
07-Aug	Arctic fox	1	Yes	WTHR KM 171	Suspected vehicle collision
09-Aug	Arctic hare	1	Yes	WTHR KM 142	Suspected vehicle collision
19-Aug	Arctic ground squirrel	1	Yes	WTHR KM 159	Unknown cause ^(a)
30-Oct	Arctic hare	1	Yes	WTHR KM 115	Suspected vehicle collision
30-Oct	Arctic hare	1	Yes	WTHR KM 117	Suspected vehicle collision
30-Oct	Arctic hare	1	Yes	WTHR KM 146	Suspected vehicle collision
01-Nov	Arctic hare	1	Yes	WTHR KM 139	Suspected vehicle collision
16-Nov	Arctic hare	1	Yes	WTHR KM 151	Suspected vehicle collision
22-Nov	Arctic fox	1	Yes	WTHR KM 175	Suspected vehicle collision
29-Nov	Arctic hare	1	Yes	WTHR KM 115	Suspected vehicle collision
14-Dec	Arctic hare	1	Yes	WTHR KM 148	Suspected vehicle collision
18-Dec	Arctic hare	1	Yes	WTHR KM 178	Suspected vehicle collision

a) Report was not available for this mortality.

Table 17: Summary of Road-related Wildlife Mortality Records (2007 to 2021)

Year	Caribou	Grizzly Bear	Wolverine	Wolf	Fox	Small Mammals	Small Birds	Unidentified Small Animal
AWAR								
2007	31	0	0	0	0	3	3	0
2008	102	0	0	2	13	7	17	0
2009	13	0	0	0	1	6	2	0
2010	1	0	0	0	2	6	2	0
2011	23	0	0	1	0	5	4	0
2012	24	0	1	0	0	3	1	0
2013	5	0	0	0	1	1	1	0
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	1	4	2	1
2016	0	0	0	0	2	0	1	0
2017	0	0	0	0	5	3	3	0
2018	0	0	0	0	0	2	0	0
2019	0	0	0	0	0	3	0	0
2020	1	0	0	0	0	0	0	0
2021	0	0	0	0	5	9	1	0
WTHR								
2018	0	0	0	0	0	2	0	0
2019	0	0	0	0	1	1	1	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	2	11	0	0

3.7 Accuracy of Impact Predictions

The summary of the impact predictions identified in the TEMP Version 7 (Agnico Eagle 2019) are listed in Table 18. The 2021 AWAR and WTHR survey data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. None of the thresholds were exceeded in 2021.

Table 18: Accuracy of Impact Predictions - Sensory Disturbance and Mortality along the All-Weather Access Road and Whale Tail Haul Road in 2021

Potential Effect	Threshold	Threshold Exceeded (2021)	Adaptive Management Implemented	Monitoring Methods
Sensory Disturbance	No threshold but Decisions Trees followed when caribou are seen near mine facilities	Not Applicable	Yes. Multiple road closures and notices, good engagement of Wildlife Log by site staff. Use of Decision Tree for Management and Monitoring.	AWAR and WTHR Surveys, Wildlife Log, Mortality Reporting. Satellite-collaring data
Project-related Mortality (ungulates)	Threshold level of mortality is two (2) individuals per year.	NO	NO	AWAR and WTHR surveys Satellite-collaring data surveys
Project-related Mortality (predatory mammals)	Predatory mammals (i.e., grizzly bear, wolverine, wolf) will not be killed or injured by vehicle collisions. Threshold level of mortality is two (2) individuals per year.	NO	NO	AWAR, and WTHR surveys
Project-related Mortality	Raptors or waterbirds will not be killed along Project roads. Threshold is one (1) individual due to vehicle collision per year.	NO	NO	AWAR and WTHR surveys

3.8 Management Recommendations

The AWAR and WTHR survey data are important for documenting sensitive periods when the area near the road is utilized by various wildlife species and for evaluating the need, if any, to adaptively manage mitigation (e.g., temporary road closures and radio announcements). Mitigation actions linked to individual wildlife observations (Appendix A) should continue to be recorded. No other management mitigations are recommended at this time.

4.0 PITS AND MINE SITE GROUND SURVEYS

4.1 Overview

The Mine site ground survey monitoring program (i.e., for Meadowbank/Vault, and Whale Tail) has been designed to verify that impacts to wildlife in and around the Project LSA are not occurring. The program has a strong emphasis on monitoring mortality and disturbance of various wildlife groups utilizing habitats near the Project. In addition, the Mine site ground survey monitoring program is an integral component of the monitoring strategy for evaluating sensory disturbance indicators for caribou.

4.2 Objectives

The primary objectives of the Mine site ground surveys are to:

- 1) Use Decisions Trees when caribou are seen near Project facilities to determine the level of adaptive management (e.g., suspending activities) required.
- 2) Confirm that caribou will not be killed through other Project-related mortality such as falling in pits, tailings sludge, or other means. The cumulative Project threshold level of mortality is two (2) individuals per year.
- 3) Verify that measures are in place such that grizzly bears, wolverines, or wolves will not need to be destroyed at the Project site. The threshold level of mortality for predatory mammals is two (2) individuals per year.
- 4) Verify that disturbance to high value habitats (e.g., sedge meadows) and nesting migratory birds is avoided, and all activities within 100 m of a migratory bird nest site be monitored, if deemed necessary.

4.3 Duration

The Mine site ground surveys are to be conducted regularly by Agnico Eagle environmental personnel over the operation and closure phases of the Project to verify that changes to habitats around the Project do not cause effects to wildlife and their use of habitat.

4.4 Methods

In 2021, environmental personnel conducted regular Mine site inspections focusing on waste management, spills, hazardous waste management, and wildlife monitoring. Formal Mine site inspections were carried out at least weekly as part of broader environmental on-site management. During these inspections, if non-conformities were identified they are rapidly addressed by the responsible department.

Weekly inspections included:

- Regular monitoring of all wildlife species near the facilities. Large mammal presence within the Project is documented during daily and weekly (formal) inspections. Any issues related to safety or proximity effects are identified and the appropriate mitigation is implemented. If risks to animal health are perceived, efforts are made to avoid the wildlife and provide them the right-of-way. In 2021, Mine-site ground survey inspections were conducted at minimum once per week.
- Regular monitoring of all large mammals in the Project LSA.
- Regular monitoring of breeding birds (especially in the spring), raptors, and nests located in the Project LSA.
- Inspections of waste management areas, bins, and hazardous material storage.

Environment Department inspections and wildlife ground surveys focus on migratory birds, ungulates, Arctic fox, wolf, grizzly bear, and wolverine. Through these observations and those of other Agnico Eagle employees (i.e., incidental observations), and incidence reports provided to the Environment Department, technicians follow up as needed to ensure the protection of wildlife near the Project. Monthly summary reports and wildlife observation data are submitted to the GN and KivIA, and quarterly reports are submitted to the KivIA.

4.4.1 Incidental Mine Site Wildlife Observations

All Mine site personnel, including construction and support staff, are required to document and report wildlife observed within the LSA of the Project as well as ancillary areas (e.g., AWAR and WTHR). The protocol involves notifying staff in the Environment Department, which is intended to ensure that potential problem animals are identified. Pertinent data, and daily and weekly Mine site inspection reports are consolidated and entered into an electronic database (EQuIS). Monthly summary reports and wildlife observation data are submitted to the GN and KivIA. Quarterly reports are submitted to the KivIA.

4.5 2021 Results

4.5.1 Pit and Mine Site Ground Surveys

The number of surveys completed at Meadowbank Mine and Whale Tail each month in 2021 is provided in Table 19. Note, for the majority of 2021 formal and incidental Mine and Pit surveys were combined into one category, referred to as “Formal/Incidental” in Table 19. Weekly mine inspections at Meadowbank and Whale Tail include a wildlife observation component and are also included in this count. Starting in October 2021, surveys were identified as either formal Mine and Pit surveys (“Formal” in Table 19) or incidental surveys (“Incidental” in Table 19), which included the weekly mine inspections.

Including all survey types, Meadowbank had 125 surveys in 2021, including 100 combined Formal/Incidental surveys between 4 January and 27 September, 12 formal Mine surveys between 3 October and 25 December, and 13 incidental surveys between 3 October and 28 December (Table 19). Whale Tail had 120 surveys in 2021, including 83 combined Formal/Incidental surveys between 31 March and 29 September, 16 formal surveys between 3 October and 25 December, and 21 incidental surveys between 1 October and 28 December (Table 19). The average frequency of surveys at Meadowbank was approximately one survey every 2.9 days for all survey types from 4 January to 27 December, and one survey every 7.0 days for the formal Mine and Pit ground surveys that took place between 3 October and 25 December. The average frequency of surveys at Whale Tail was approximately one survey every 2.3 days for all survey types between 31 March and 28 December, and one survey every 5.3 days for the formal Mine and Pit ground surveys that took place between 3 October and 25 December.

Table 19: Number of Formal and Incidental Pit and Mine Site Ground Surveys by Month

Location	Survey Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Meadowbank	Formal/Incidental	16	12	13	6	7	5	20	16	5	-	-	-	100
	Formal	-	-	-	-	-	-	-	-	-	3	4	5	12
	Incidental	-	-	-	-	-	-	-	-	-	4	3	6	13
	Total	16	12	13	6	7	5	20	16	5	7	7	11	125
Whale Tail	Formal/Incidental	4	4	5	8	4	6	11	29	12	-	-	-	83
	Formal	-	-	-	-	-	-	-	-	-	5	4	7	16
	Incidental	-	-	-	-	-	-	-	-	-	9	5	7	21
	Total	4	4	5	8	4	6	11	29	12	14	9	14	120

4.5.2 Wildlife Observations from Pit and Mine Surveys

Wildlife observations from formal Pit and Mine surveys conducted between October and December of 2021 are shown in Table 20. In addition to the species summarized in Table 20, there were four unidentified birds observed in October at Whale Tail. Wildlife observations from incidental surveys as well as Pit and Mine surveys that took place prior to the separation of formal and incidental surveys are summarized in Section 0 and Table 21.

Table 20: Wildlife Observations from Formal Pit and Mine Site Ground Surveys by Month 2021

Location	Species	Oct	Nov	Dec	Total
Meadowbank	Arctic fox	0	3	1	4
	Wolverine	0	0	1	1
Whale Tail	Arctic fox	1	4	2	7
	Arctic hare	1	0	0	1
	Muskox	0	0	1	1

Mine site incidental observations were consolidated from all incidental reports at Meadowbank and Whale Tail. Observations were used by Environment personnel to monitor wildlife activity within the Project and to identify potential problematic or sensitive animals requiring deterrence.

Five mammal species were reported as incidental sightings at Meadowbank in 2021 including Arctic fox, caribou, wolves, muskox, and wolverine (Table 21). One peregrine falcon and one rough-legged hawk were recorded in incidental surveys at Meadowbank during 2021. Caribou sightings were highest from January to May, with another peak in observations during July and August. Muskox sightings were highest in April, July, August, and September.

Six mammal species were reported as incidental sightings at Whale Tail in 2021 including Arctic fox, Arctic hare, caribou, wolves, muskox, and wolverine (Table 21). The highest caribou sightings took place in April, June, and August through October. Muskox sightings were highest in summer between June and August. Arctic fox and Arctic hare each had one incidental observation at Whale Tail, with one Arctic hare detected in April and one Arctic fox detected in December. Ptarmigan sp. were observed in April, bald eagles were observed in July, and one snowy owl was observed in November.

Table 21: Incidental Wildlife Observations in 2021 by Month

Species Group	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Meadowbank														
Mammal	Arctic fox	0	1	5	0	0	0	0	0	0	1	0	0	7
	Caribou	63	24	39	58	21	1	17	22	0	0	0	0	245
	Grey wolf	2	1	0	0	0	0	4	1	0	0	0	0	8
	Muskox	0	0	0	30	0	0	25	12	45	5	0	0	117
	Wolverine	8	5	1	0	0	0	0	0	0	0	0	2	16
Bird	Peregrine falcon	0	0	0	0	0	0	1	0	0	0	0	0	1
Bird	Rough-legged hawk	0	0	0	0	0	0	1	0	0	0	0	0	1
Whale Tail														
Mammal	Arctic fox	0	0	0	0	0	0	0	0	0	0	0	1	1
	Arctic hare	0	0	0	1	0	0	0	0	0	0	0	0	1
	Caribou	0	0	0	25	0	30	1	34	42	37	0	0	169
	Grey wolf	0	0	0	0	0	0	3	2	1	0	0	0	6
	Muskox	0	0	0	0	0	15	38	13	0	0	0	1	67
	Wolverine	0	0	0	0	0	0	0	0	0	0	1	0	1
Bird	Bald eagle	0	0	0	0	0	0	3	0	0	0	0	0	3
	Ptarmigan sp.	0	0	0	3	0	0	0	0	0	0	0	0	1
	Snowy owl	0	0	0	0	0	0	0	0	0	0	1	0	3

4.5.3 Bird Nests

An exemption permit was obtained on 17 May 2021 from the GN for removal of a common raven nest that posed risk to proper maintenance of the fuel tank and could possibly result in fire hazard. A second exemption permit was obtained on 5 July 2021 for removal of a passerine sp. nest located on a pipe fusing machine, and an American robin (*Turdus migratorius*) nest on a parked haul truck. These nests also prevented proper maintenance and could result in fire hazard. Exemption permits are provided in Appendix M.

A decoy was deployed at the Baker Lake tank farm to discourage bird nesting. Deterrents were also applied to Quarries 20 and 22 to discourage raptor nesting.

4.5.4 Wildlife Deterrent Records

Wildlife deterrents are implemented when habituated or problematic wildlife pose a threat to the wildlife or Mine personnel through human-wildlife conflict. Necessary deterrent strategies are determined and implemented by the Environment Department based on the severity of risk and the nature of the interaction. Each deterrence event is reported using the EQuIS database.

Wildlife deterrents were used and reported throughout 2021 at the Project. A total of 37 deterrence activities were reported from interactions with four species of mammals: caribou, muskox, wolf, and wolverine (Table 22, Table 23). In some cases, deterrent actions were taken in response to the same animal over multiple days, as was the case with one caribou observed in close proximity to mine infrastructure at Whale Tail in April 2021.

The total number of deterrence actions was lower in 2021 compared to 2020 (43 deterrence events recorded), and similar to previous years (31 deterrence activities in 2019, 32 in 2018, and 21 in 2017). Deterrence actions in

the winter months were primarily related to wolverine and wolf, whereas in the spring and summer deterrence actions were related mostly to caribou. There were four muskox deterrence events, which occurred in July and September.

All wolf and wolverine deterrence action were taken at Meadowbank, while caribou action was taken at both Meadowbank and Whale Tail. All muskox deterrence occurred at Meadowbank and along the AWAR near the airstrip, and the muskox were deterred due to presenting a safety risk (Table 22, Table 23). Of the 37 deterrence actions taken, 34 were classified as successful deterrence, two were classified as unsuccessful deterrence, and one instance was classified as fatal deterrence. The fatal deterrence involved a wolverine next to the coreshack at Meadowbank (Table 22, Table 23). The individual was injured during deterrence by a rubber bullet fired by an Environment Technician, and later euthanized to prevent further suffering. Additional details on the mortality are provided in Section 4.5.7 and Appendix D.

Table 22: Details of Deterrence Activities for 2021

Date	Species	Number	Location	Behaviour	Deterrence Reason/Context	Method	Deterrence Outcome	Comments
2021-01-05	Wolverine	1	Meadowbank	Running	Avoid wildlife acclimation to human activities leading to health and safety issues	Flair deterrent	Successful deterrence	Portage Rock Storage Facility - Landfill
2021-01-14	Wolverine	1	Meadowbank	Running	The wolverine walked along the snowbank, direction north / Avoid wildlife acclimation to human activities leading to health and safety issues.	Whistles	Successful deterrence	Camp - Incinerator
2021-01-25	Wolf	1	Meadowbank	Running	Avoid wildlife acclimation to human activities leading to health and safety issues	Bangers were used from the 6mm pistol.	Successful deterrence	Camp - West road/primary crusher intersection
2021-01-28	Wolverine	1	Meadowbank	Running	Upon arriving to the landfill, the environmental employee observed the Wolverine near the berm / Avoid wildlife acclimation to human activities leading to health and safety issues	Honked	Successful deterrence	Portage Rock Storage Facility - Landfill area
2021-01-29	Wolverine	1	Meadowbank	Running	Avoid wildlife acclimation to human activities leading to health and safety	The environmental employee used 6mm pistol with bangers to deter the wolverine	Successful deterrence	Tailings & Landfill
2021-02-05	Wolverine	1	Meadowbank	Running	The Wolverine was reported near the Core Shack, then behind the control tower, then crossing the air strip going toward south cell.	Banger and rubber bullets	Successful deterrence	Tailings Storage Facility - South cell ramp near land farm
2021-02-08	Caribou	1	Meadowbank	Walking	There was a caribou that was on the MBK airstrip prior to plane arrival	Banger	Successful deterrence	Airstrip
2021-02-14	Wolverine	1	Meadowbank	Dead	At approximately 16:00, Environment was called to a Wolverine sighting on the airstrip. The wolverine was reported crossing the airstrip and moving towards the refer pad	Shotgun and 12g slug	Fatal deterrence	Project related mortality - Camp - Core Shack / See the mortality report attached for more detail.

Table 22: Details of Deterrence Activities for 2021

Date	Species	Number	Location	Behaviour	Deterrence Reason/Context	Method	Deterrence Outcome	Comments
2021-04-15	Caribou	1	Whale Tail	Feeding	Caribou in unsafe location. Caribou was in sector 1, trapped between the dike construction and the mining road.	Honking and environmental staff walking to guide the caribou out of the area	Successful deterrence	Caribou was in sector 1, trapped between the dike construction and the mining road, but did not appear stressed. Dike construction was stopped until caribou was safely escorted out. Caribou ignored honking but responded to two environmental workers walking.
2021-04-17	Caribou	1	Whale Tail	Feeding	Caribou in unsafe location. Report of caribou eating/digging just beside a 5kV cable	Bangers and walking	Successful deterrence	Caribou lifted its head in response to bangers and then kept eating. After two failed attempts team tried walking approach to move caribou away from dangerous area. Walking was effective.
2021-04-21	Caribou	1	Whale Tail	-	Caribou in unsafe location inside the secondary fuel containment.	Bangers and walking	Successful deterrence	Caribou was trapped inside the fuel tank secondary containment. We interrupted traffic on the haul road and directed the caribou to cross the road and head off into the tundra. We tried using bangers again to no success, and had to walk out to guide him.
2021-07-16	Muskox	2	Meadowbank	Alert	Between airstrip and AWAR, close to fresh water barge road.	Use of bangers 3 times in order to make them leave the area. They went in the tundra, near fresh water barge road. Use of honking several times without results before using bangers. Mother not bothered by honk noise.	Successful deterrence	Between airstrip and AWAR, close to fresh water barge road. Mother and calf feeding. Calf was alert. Use of bangers 3 times in order to make them leave the area. They went in the tundra, near fresh water barge road. Use of honking several times without results before using bangers. Mother not bothered by honk noise.
2021-07-17	Muskox	2	Meadowbank	Foraging	2 muskoxen (1 female, 1 calf) were close to the airstrip	Clapping hands et bangers were used.	Successful deterrence	2 muskoxen (1 female, 1 calf) were close to the airstrip. Environment were call to take actions before the plane. Clapping hands et bangers were used. The muskoxen

Table 22: Details of Deterrence Activities for 2021

Date	Species	Number	Location	Behaviour	Deterrence Reason/Context	Method	Deterrence Outcome	Comments
								walked slowly away from the airstrip.
2021-07-18	Muskox	1	Meadowbank	Foraging	Muskox 10m to the airstrip.	Environment staff clapped their hands and use bangers.	Successful deterrence	"Muskox 10m to the airstrip.
2021-07-28	Wolf	1	Meadowbank	Resting	The wolf was laying down on the east dike road and did not seem to be concerned by the presence of pick-ups. Since workers are nearby, decision taken to deter the wolf toward the tundra.	Banger & Whistle	Successful deterrence	
2021-07-29	Caribou	1	Meadowbank	Feeding	Caribou was around operations at FGL / Avoid wildlife acclimation to human activities leading to health and safety	Used 4 bangers and 3 whistlers	Successful deterrence	
2021-07-29	Caribou	1	Meadowbank	Running	The caribou was seen at first around the powerhouse. It was going towards maintenance. We saw it a little later on the airstrip. We then used some deterrents.	Auditive Banger	Deterrents did not succeed	
2021-08-17	Caribou	2	Meadowbank	Resting	The two caribous were lying on the tailings.	Honking, clapping, shouting, banners	Successful deterrence	
2021-08-24	Caribou	1	Whale Tail	Running	The caribou was going towards the phase 1 ramp.	Pick-up, clapping, wide movements	Successful deterrence	Came back at least 3 times during the day
2021-08-24	Caribou	1	Whale Tail	Trotting/running	Caribou was going in phase 2 ramp. We went to push it out of there before the blast	Pick-up, clapping, noise	Successful deterrence	
2021-08-24	Caribou	2	Meadowbank	Walking	They were close to the airstrip while the plane was preparing to leave.	Bangers and whistlers	Successful deterrence	
2021-08-24	Caribou	2	Whale Tail	Trotting/running	Env. Department got called because 2 caribou were heading down open pit.	Pick-up, clapping, noise	Successful deterrence	
2021-08-24	Caribou	2	Whale Tail	Running	The caribous wanted to go on the mine road near the Whale Tail Open Pit, so env. Department push them away with the pick-up.	Pick-up, clapping, wide movements	Successful deterrence	

Table 22: Details of Deterrence Activities for 2021

Date	Species	Number	Location	Behaviour	Deterrence Reason/Context	Method	Deterrence Outcome	Comments
2021-08-24	Caribou	1	Whale Tail	Trotting/running	Caribou was running toward the mine road.	Pick-up	Successful deterrence	
2021-08-24	Caribou	2	Whale Tail	Trotting/running	Caribou were in pad C with a lot of heavy vehicles in circulation.	Pick-up, clapping, noise	Successful deterrence	
2021-08-24	Caribou	3	Meadowbank	Standing	Caribou were on site, between the rows in transit area.	Deterrents, banger and whistlers	Successful deterrence	
2021-08-25	Caribou	1	Whale Tail	Trotting/running	Caribou was going toward the road to phase 2 ramp	Pick-up	Successful deterrence	
2021-08-25	Caribou	3	Whale Tail	Trotting/running	2 caribou were in the ramp going up the waste dump, making it dangerous for haul truck	Pick-up	Successful deterrence	
2021-08-26	Caribou	1	Whale Tail	Trotting/running	The caribou was in the of the traffic, making it dangerous for itself	Pick-up	Deterrents did not succeed	
2021-08-27	Caribou	2	Whale Tail	Trotting/running	Caribou were in a heavy traffic location	Pick-up	Successful deterrence	
2021-08-27	Caribou	1	Whale Tail	Trotting/running	Caribou was in a dangerous place with a lot of traffics	Pick-up, clapping	Successful deterrence	
2021-08-27	Caribou	1	Whale Tail	Trotting/running	Caribou was in a dangerous place with a lot of traffics	Pick-up	Successful deterrence	
2021-08-27	Caribou	1	Whale Tail	Trotting/running	Caribou was in a heavy traffic area with a lot of haul truck	Pick-up	Successful deterrence	
2021-08-27	Caribou	1	Whale Tail	Trotting/running	Caribou was in an area with heavy traffic and movement. It was also between sea can that could be moved	Pick-up	Successful deterrence	
2021-08-27	Caribou	1	Whale Tail	Trotting/running	Caribou was in an unsafe area, both for it and the workers	Pick-up, whistlers	Successful deterrence	Whistlers had little to no effect.
2021-08-27	Caribou	1	Whale Tail	Trotting/running	Caribou was in the open pit, near heavy equipment	Pick-up	Successful deterrence	
2021-09-16	Muskox	6	AWAR	Feeding	There was a plane at 9:55, it overshot because the muskox was too close to the airstrip	Use Banger, whistlers, pyro-knatterpatronen	Successful deterrence	

"-" indicates the Deterrence Reason/Context was not specified

Table 23: Summary of Deterrence Events in 2021

Location	Species	Number of Deterrence Events			
		Successful	Unsuccessful	Fatal	Total
AWAR	Muskox	1	0	0	1
Meadowbank	Caribou	5	1	0	6
	Grey wolf	2	0	0	2
	Muskox	3	0	0	3
	Wolverine	5	0	1	6
Whale Tail	Caribou	18	1	0	19
Totals		34	2	1	37

4.5.5 Waterbird Monitoring

Waterbird monitoring is completed to minimize accidental waterbird confinement around the Meadowbank and Whale Tail sites, entrapment in the tailings, and mortality, regular inspections were completed throughout the migratory period and during weekly or daily inspections, as deemed necessary by Environment personnel. Further discussion of the 2021 field program is provided in Appendix C.

4.5.6 Raptor Monitoring

Raptor monitoring was conducted as part of routine Mine site inspections of the pit and other areas to ensure adequate bird protection and management. In addition to observations part of the raptor nest monitoring (Section 13), peregrine falcons were observed incidentally along the AWAR in September. Rough-legged hawks were observed on six occasions in May, July, and September along the AWAR, WTHR, and Goose Pit. Other raptor species observed include bald eagle (July to September), and snowy owl (May, November, and December).

4.5.7 Predatory Mammal Deterrence and Protection

Improved practices for waste segregation and incineration, the use of enclosed food waste facilities, and skirting around buildings have improved Arctic fox protection and decreased fox-human interactions (Table 24).

Table 24: Summary of Deterred Predatory Mammals at the Meadowbank Mine and Whale Tail Sites from 2015 to 2021

Species	2015	2016	2017	2018	2019	2020	2021
Arctic fox	6	6	2	0	4	1	0
Red fox	1	0	0	0	0	0	0
Wolf	1	4	9	14	9	5	2
Wolverine	5	3	10	17	16	17	6
Totals	23	37	21	31	31	43	8

Wolverines were regularly observed around the Project particularly during the winter months in 2021 (Table 21). Deterrence actions for wolverines, which followed the Wildlife Protection and Response Plan (Appendix C in 2019 TEMP), were required on 16 occasions at the Meadowbank site, but no deterrence actions were required at Whale Tail for wolverines (Table 23). One wolverine was dispatched on 14 February. The individual was dispatched prior to contacting the GN DoE to avoid further suffering. The GN DoE was contacted immediately after the dispatching (Appendix D). Well-defined food-handling practices and employee awareness programs have minimized wolverine fatalities or wolverine-human interactions, and the number of deterrence efforts were lower in 2021 than previous years (Table 24).

Wolves were also regularly observed around the Meadowbank and Whale Tail sites primarily in the winter and summer months (Table 21). Deterrence actions were required on two occasions, one in January and one in July (Table 22). Notices are sent to Meadowbank employees regarding the presence of wildlife, waste management procedures, and requesting all sea cans and doorways be closed when a non-conformity occurs.

Arctic fox were observed at Meadowbank and Whale Tail in 2021 (Table 21), but no deterrence action was required.

4.5.8 Wildlife Mortality – Meadowbank and Whale Tail Sites

One wildlife project-related mortality, a wolverine, was observed around the Meadowbank and Whale Tail sites in 2021 (Table 25). This mortality was related to deterrence (4.5.4) and attributed to Mine-related activities.

Road-related mortalities are tabulated and discussed in Section 3.6.9. Mortality reports are included in Appendix D.

Table 25: Wildlife Mortalities at Meadowbank Mine and Whale Tail in 2021

Date	Species	Count	Project Related	Location	Comments
14-Feb	Wolverine	1	Yes	Meadowbank Camp Core shack	Shot with a rubber bullet to deter, wounded animal and was euthanized.

Table 26: Summary of Project-Related Wildlife Mortality Records for Caribou and Predatory Mammals (2007 to 2021)

Year	Caribou	Grizzly Bear	Wolverine	Wolf
2007	0	0	0	0
2008	0	0	0	2
2009	0	0	0	4
2010	0	0	0	1
2011	0	0	1	4
2012	0	0	0	1
2013	0	0	1	0
2014	0	0	0	1
2015	0	0	0	1 ^(A)
2016	0	0	0	0
2017	0	0	1	2
2018	0	0	1	2 ^(B)
2019	0	0	1	0
2020	0	0	2	0
2021	0	0	1	0

A) Naturally injured wolf that needed to be euthanized.

B) Wolf died at Mine site of head injuries; did not need to be dispatched

4.5.8.1 Caribou

No caribou mortalities related to Project activities were reported at the Project in 2021.

4.5.8.2 Predatory Mammals

All incident reports, observations, deterrence activities, and environment team responses to predatory mammal sightings are included in Appendix D.

One wolverine mortality associated with the Mine site was reported in 2021. On 14 February, a wolverine was sighted on the Meadowbank airstrip, moving towards the Nova Camp and Core Shack where workers were present. Rubber bullets were utilized to try to deter the animal away from the area. The second rubber bullet hit the animal in front of the hind leg, badly injuring the animal and causing heavy bleeding. The wolverine could not get up after falling over and the Environmental Coordinator authorized the dispatch of the animal. The carcass was removed and incinerated. Details of these incidents are contained in Appendix D.

4.5.8.3 Other Wildlife

No Arctic fox mortalities associated with the Mine site were reported in 2021.

4.5.9 Helicopter Activity

Helicopters are utilized at the Project for various reasons including transport, exploration, surveying, monitoring, and reconnaissance. Pilots are required to review an air traffic management procedure that includes flight restrictions:

- Long-range flights are a minimum of 650 m above ground level, except for take off and landing.
- Short-range flights are a minimum of 300 m above ground level, except for take off and landings.
- Notification of caribou, muskox or other wildlife sightings within 1 km of the helicopter pad.
- Caribou groups of 50 or more animals, and muskoxen of 10 or more animals must be avoided by a minimum of 1,000 m vertically and 1,500 m horizontally. Flocks of migratory birds must be avoided by 1,100 m vertically and 1,500 m horizontally. Flying over known raptor nests will be avoided.
- Harassing wildlife (flying below 300 m) is expressly forbidden unless animals pose an immediate danger to humans.

Track logs and altitudes are recorded using the Honeywell Skyconnect Tracker II, which runs on the Iridium satellite network. This product provides two-way satellite voice communication, ground to asset texting, and asset to ground location tracking service. Spatial location, altitude, and speed of helicopters are collected throughout flights. Up to five months of previous tracking data are stored online by Honeywell.

All raw helicopter track and summary data are provided in Appendix E. Spatial data of helicopter flights were not available from 2017 to 2019, due to consultant data retention time of six months. Data were provided for flights between 2017 and 2019 (Table 27; Table E-1 in Appendix E). A summary of start and end times and locations of flights performed in 2020 during summer and fall (June to October) is provided in Table 28, and raw data are provided in Table E-2 in Appendix E. Helicopter track data, including altitude data were available for three months (August to October) in 2020 (Table 28; Table E-3 in Appendix E). Spatial representation of helicopter flights in 2020, including calculation of flight distance, is based on the summary data (i.e., start and end times and locations), rather than the track data, due to greater temporal coverage (Figure 8, Figure 9). Two trips that extended far outside the RSA were not included in data summaries.

Summary of 2021 helicopter activity, including flight length, is based on helicopter track data from six months (May to October) in 2021 (Table 29; Figure 10 to Figure 12; Table E-4 in Appendix E). Data from 2020 and 2021 were summarized based on unique trip number. Trips longer than 24 hours in duration were assumed to be erroneous and were not included in data summaries. Trips occurring outside the RSA, and trips to or from site from other locations (e.g., Rankin Inlet) were not included in data summaries. The average altitude throughout the entire trip (i.e., excluding departure and arrival), and average maximum altitude across all trips were calculated for 2020 and 2021. The average maximum altitude was calculated by averaging the maximum altitude of each trip. Maximum altitude was included to avoid bias of ascent and descent altitudes in calculation of averages but is not expected to be representative of altitude throughout the entire trip.

The number of flights, and flight hours were highest in the summer in each year (Table 27 to Table 29). The average distance of flights was 20.48 ± 28.15 nautical miles (nm) in the spring, and 16.36 ± 19.91 nm in the fall. Average maximum altitudes were below 300 m in spring and fall 2021 (Table 29). Some flights for environmental monitoring require lower altitudes, including flights to visually inspect water quality of the water bodies around bridges and roads, inspection of various mine infrastructure for runoffs, lake water sampling, and raptor surveys. Meteorological conditions and visibility may limit flight altitudes. Flights with maximum altitudes less than 300 m excluding departure and arrival in 2021 are displayed on Figures 10 to 12. In the spring, some flights with altitudes less than 300 m are concentrated between the Meadowbank and Vault sites, however some flights extend northwest of the Whale Tail site (Figure 10). In the fall, flights with altitudes less than 300 m appear concentrated around the Meadowbank and Vault sites (Figure 12).

Pilots are made aware to avoid caribou and muskox by 1,000 m vertically and 1,500 m horizontally, flocks of migratory birds by 1,100 m vertically and 1,500 m horizontally, and to avoid known raptor nests. Locations of these flights in relation to caribou and other wildlife was not assessed in 2021. Point locations of caribou and other wildlife from road surveys, pit and mine site surveys, and viewshed surveys may be too coarse to assess in relation to helicopter flight tracks. Helicopter flight tracks would ideally be assessed in relation to caribou satellite collar data, to assess avoidance of caribou by the required setback distances. However, caribou satellite collar locations would not necessarily represent groups of caribou of 50 individuals or larger.

Helicopter use varies across years based on operations, including establishment of remote camps and the amount of exploration. Different data sources and availability prevent accurate comparison of helicopter traffic between years. In future years, contractors will provide helicopter track data in a similar format to 2020 and 2021 data. Variation in altitude and length of some trips suggests that some unique trip numbers represented more than one departure and arrival. Where possible, unique trip numbers should represent a single arrival and departure. Future Wildlife Monitoring Summary Reports could present helicopter flights in relation to caribou satellite collar locations to demonstrate avoidance of caribou by the required 1,000 m vertical and 1,500 m horizontal distance.

Table 27: Helicopter Flight Summary, 2017 to 2019.

Year	Season	Flight Days	Total Flights	Total Flight Hours
2017	Winter	67	447	243.19
	Spring	49	379	370.04
	Summer	65	2819	3267.1
2018	Spring	33	153	100.11
	Summer	45	1012	969.62
2019	Spring	25	302	406.82
	Summer	98	1045	1085.95

Table 28: Summary of Helicopter Flights in Summer and Fall 2020.

Season	Flight Days	Number of Flights	Total Distance (nm)	Average Distance (nm) [mean \pm SD]	Total Duration (hours)	Average Altitude (m) [mean \pm SD] ^(A)	Average Maximum Altitude (m) [mean \pm SD]
Summer	90	1095	16,972	15.66 \pm 17.24	587.75	264.74 \pm 74.21	374.84 \pm 112.89
Fall	22	265	3,806	15.86 \pm 16.51	128.86	276.44 \pm 72.61	399.41 \pm 110.68

A) Values exclude departure and arrival.

Note: Altitude data available from August to October 2020. Averages exclude two flights that extend far outside the RSA.

nm = nautical miles; m = metres; SD = standard deviation.

Table 29: Summary of Helicopter Flights in Spring, Summer, and Fall 2021.

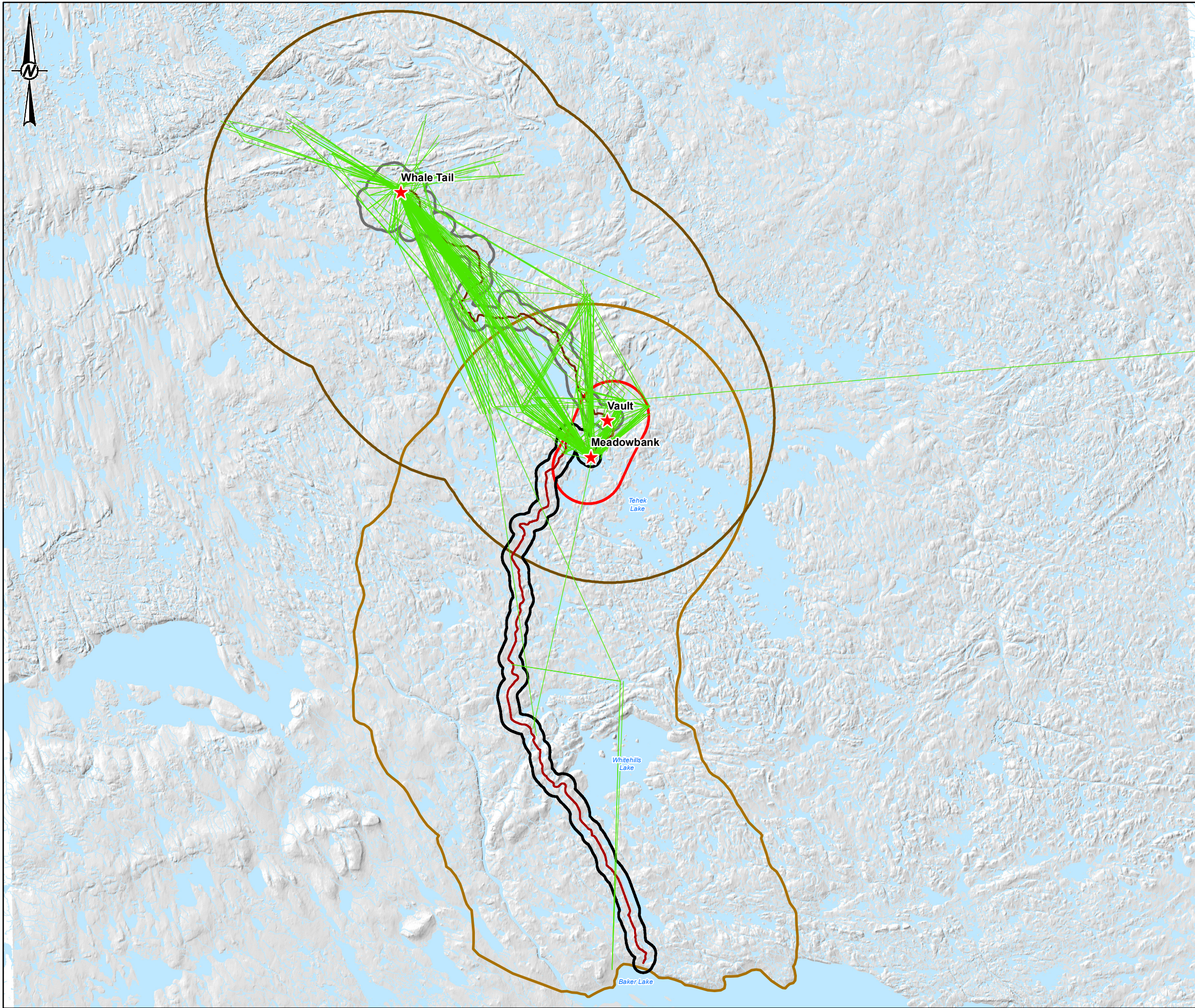
Season	Flight Days	Number of Flights	Total Distance (nm)	Average Distance (nm) [mean \pm SD]	Total Duration (hours)	Average Altitude (m) [mean \pm SD] ^(A)	Average Maximum Altitude (m) [mean \pm SD] ^(A)
Spring	9	26	512.08	20.48 \pm 28.15	52.54	186.15 \pm 40.98	289.60 \pm 79.96
Summer	102	1193	18,209.69	15.26 \pm 13.12	1,119.51	251.81 \pm 100.45	387.09 \pm 158.44
Fall	30	204	3,336.64	16.36 \pm 19.91	210.73	190.94 \pm 62.15	285.04 \pm 122.82

A) outlier with maximum altitude of 4,846 m removed from calculation. Values exclude departure and arrival.

Averages exclude flights to site, and flights that extend far outside the RSA.

nm = nautical miles; m = metres; SD = standard deviation.

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LEGEND
MINE-RELATED HELICOPTER ACTIVITY
SEASON
SUMMER 2020
ALL-WEATHER ACCESS ROAD (AWAR)
WHALE TAIL HAUL ROAD (WTHR)
AWAR LOCAL STUDY AREA (LSA)
WTHR LOCAL STUDY AREA (LSA)
WTHR REGIONAL STUDY AREA (RSA)
MEADOWBANK LOCAL STUDY AREA (LSA)
MEADOWBANK REGIONAL STUDY AREA (RSA)
WATERCOURSE
WATERBODY

0 12 24
1:600,000 KILOMETRES

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE
MINE-RELATED HELICOPTER ACTIVITY ALONG THE ALL-WEATHER ACCESS ROAD AND WHALE TAIL HAUL ROAD, SUMMER 2020

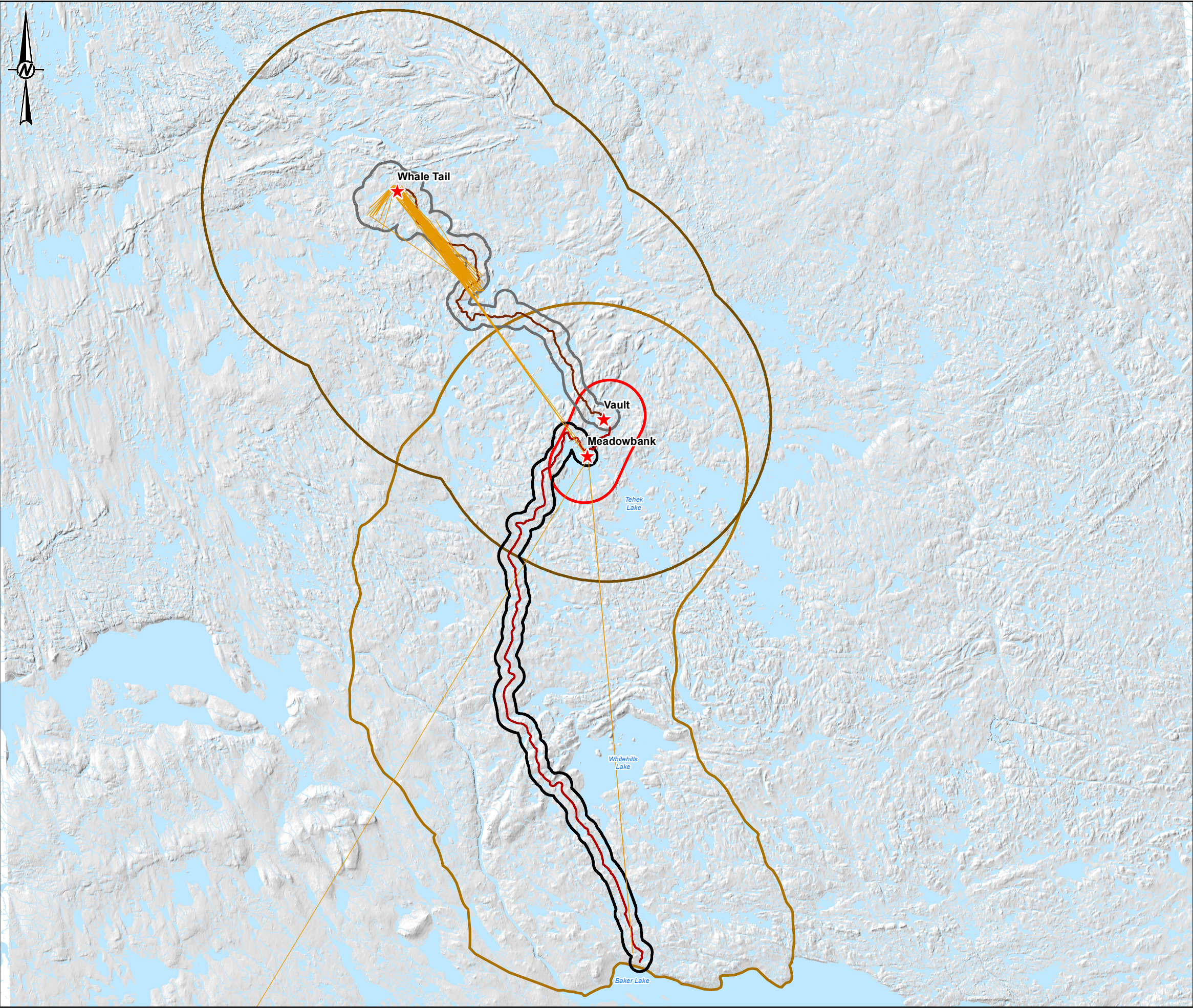
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	DESIGNED	SW
	PREPARED	CDB
	REVIEWED	DC
	APPROVED	CDM

GOLDER
MEMBER OF WSP

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	8

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
28mm

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LEGEND
MINE-RELATED HELICOPTER ACTIVITY
SEASON


- FALL 2020
- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- WTHR REGIONAL STUDY AREA (RSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- MEADOWBANK REGIONAL STUDY AREA (RSA)
- WATERCOURSE
- WATERBODY

01224

1:600,000KILOMETRES

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT



AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION


PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

MINE-RELATED HELICOPTER ACTIVITY ALONG THE ALL-WEATHER ACCESS ROAD AND WHALE TAIL HAUL ROAD, FALL 2020

CONSULTANT

 **GOLDER**
MEMBER OF WSP

YYYY-MM-DD	2022-03-24
DESIGNED	SW
PREPARED	CDB
REVIEWED	DC
APPROVED	CDM

PROJECT NO.

CONTROL

REV.

FIGURE

21452616

4000/4040

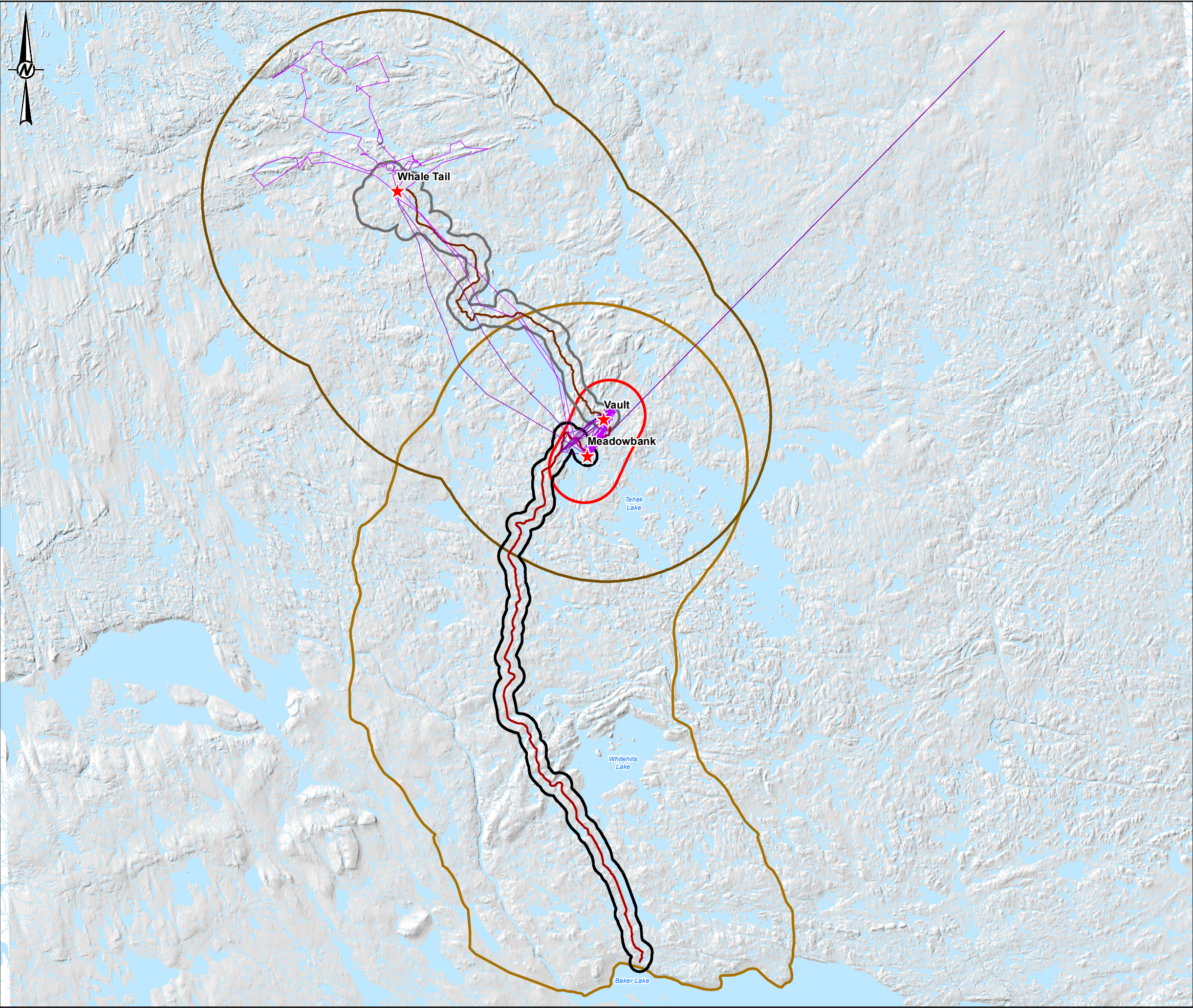
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9

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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LEGEND
MINE-RELATED HELICOPTER ACTIVITY
SEASON

- SPRING 2021 (MAXIMUM ALTITUDE <300 m)
- SPRING 2021
- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- WTHR REGIONAL STUDY AREA (RSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- MEADOWBANK REGIONAL STUDY AREA (RSA)
- WATERCOURSE
- WATERBODY

0 12 24
1:600,000 KILOMETRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

MINE-RELATED HELICOPTER ACTIVITY ALONG THE ALL-WEATHER ACCESS ROAD AND WHALE TAIL HAUL ROAD, SPRING 2021

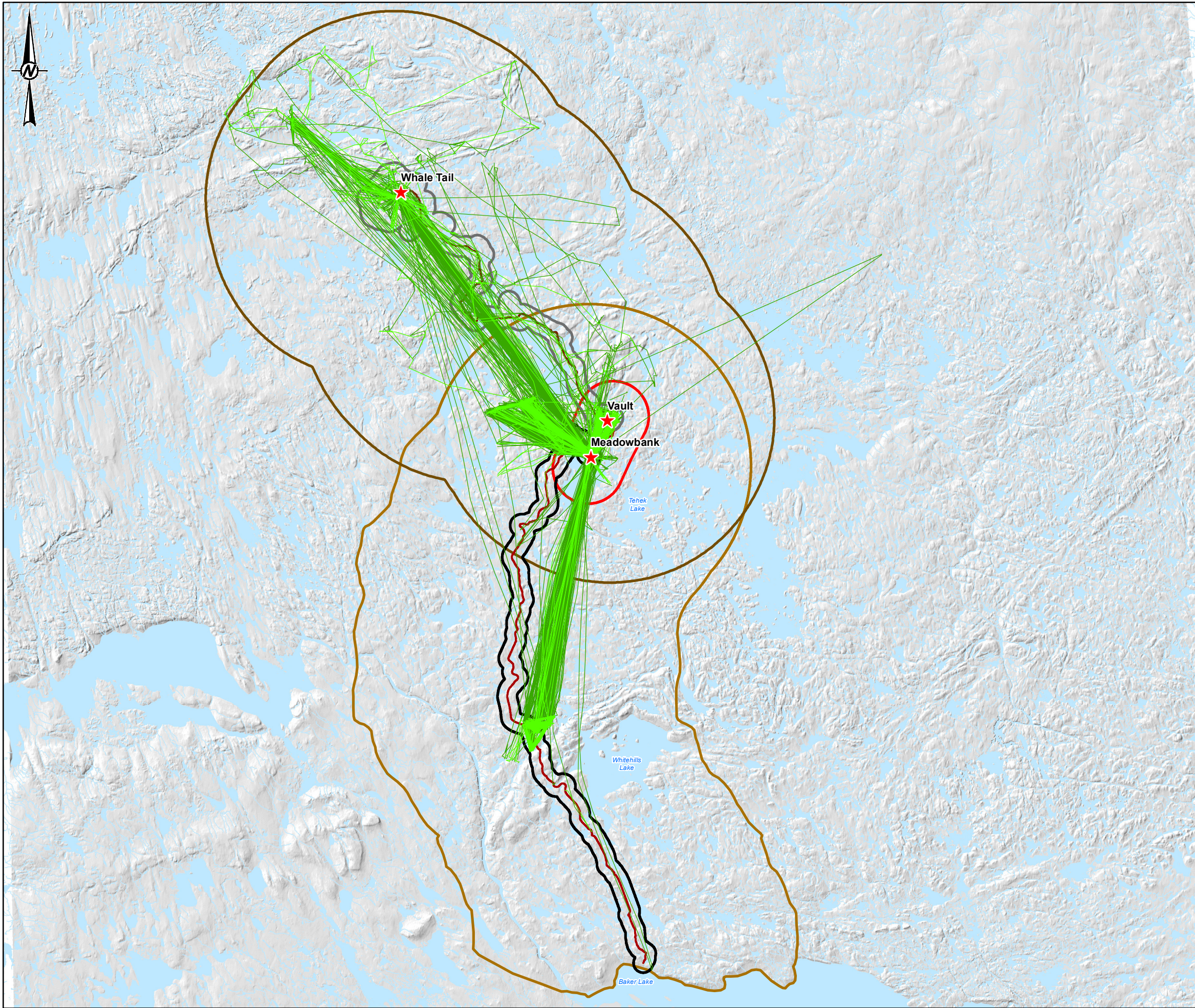
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DESIGNED	SW	
PREPARED	CDB	
REVIEWED	DC	
APPROVED	CDM	

GOLDER
MEMBER OF WSP

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	10

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
28mm

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LEGEND
MINE-RELATED HELICOPTER ACTIVITY
SEASON

- SUMMER 2021 (MAXIMUM ALTITUDE <300 m)
- SUMMER 2021
- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- WTHR REGIONAL STUDY AREA (RSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- MEADOWBANK REGIONAL STUDY AREA (RSA)
- WATERCOURSE
- WATERBODY

REFERENCE(S)

- INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
- WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE
MINE-RELATED HELICOPTER ACTIVITY ALONG THE ALL-WEATHER ACCESS ROAD AND WHALE TAIL HAUL ROAD, SUMMER 2021

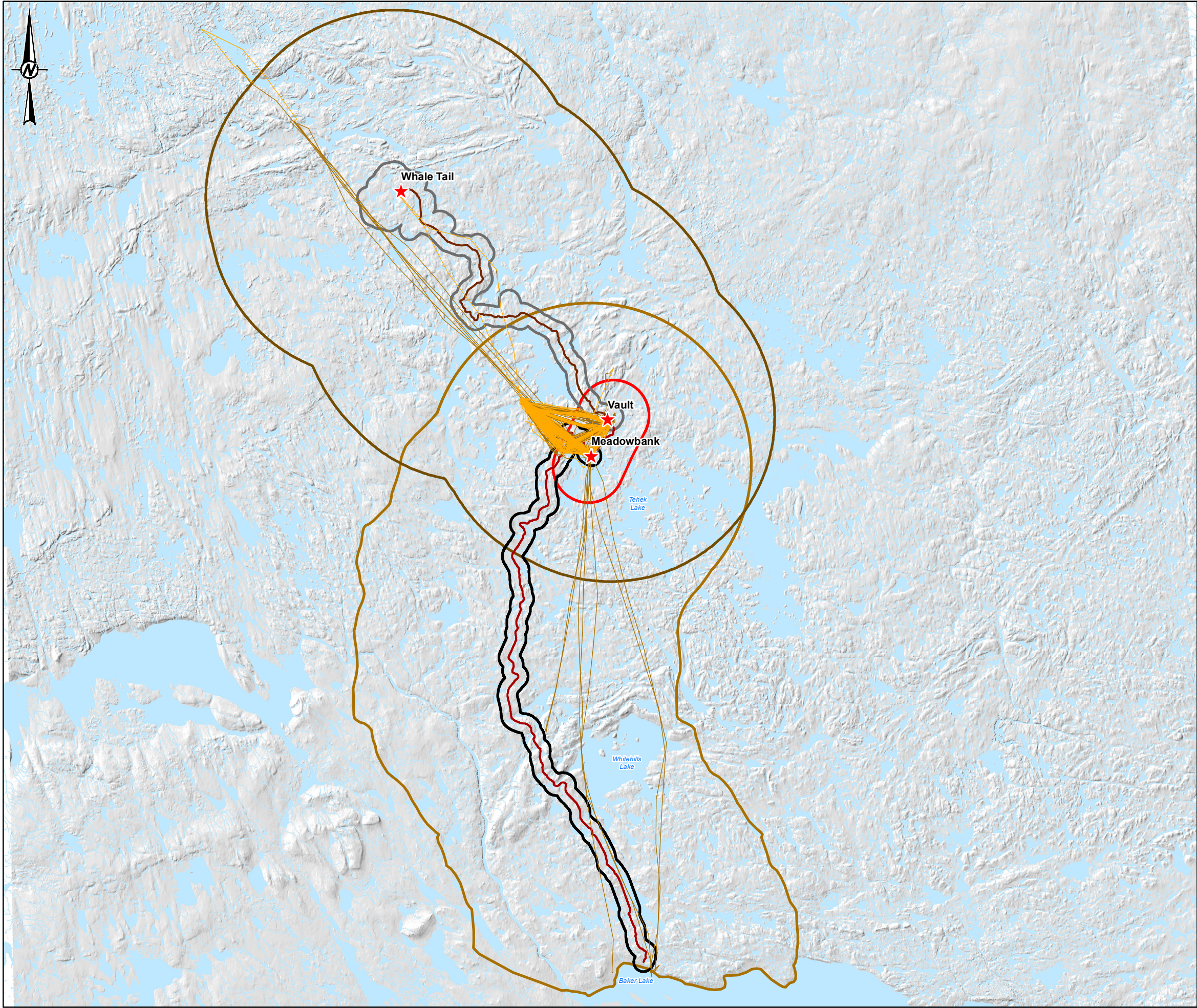
CONSULTANT	YYYY-MM-DD	2022-03-24
	DESIGNED	SW
	PREPARED	CDB
	REVIEWED	DC
	APPROVED	CDM

GOLDER
MEMBER OF WSP

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	11

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 22mm

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LEGEND
MINE-RELATED HELICOPTER ACTIVITY
SEASON

- FALL 2021 (MAXIMUM ALTITUDE <300 m)
- FALL 2021
- ALL-WEATHER ACCESS ROAD (AWAR)
- WHALE TAIL HAUL ROAD (WTHR)
- AWAR LOCAL STUDY AREA (LSA)
- WTHR LOCAL STUDY AREA (LSA)
- WTHR REGIONAL STUDY AREA (RSA)
- MEADOWBANK LOCAL STUDY AREA (LSA)
- MEADOWBANK REGIONAL STUDY AREA (RSA)
- WATERCOURSE
- WATERBODY

0 12 24
1:600,000 KILOMETRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

MINE-RELATED HELICOPTER ACTIVITY ALONG THE ALL-WEATHER ACCESS ROAD AND WHALE TAIL HAUL ROAD, FALL 2021

CONSULTANT	YYYY-MM-DD	2022-03-24
DESIGNED	SW	
PREPARED	CDB	
REVIEWED	DC	
APPROVED	CDM	

GOLDER
MEMBER OF WSP

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	12

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 22mm

4.6 Accuracy of Impact Predictions

A summary of the impact predictions identified in the TEMP Version 7 (Agnico Eagle 2019) that are evaluated, in part, by the Mine site ground surveys is presented in Table 30. Specifically, the 2021 Mine site ground survey monitoring data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. None of the thresholds were exceeded in 2021.

Table 30: Accuracy of Impact Predictions – Mine Site Wildlife Disturbances

Potential Effect	Threshold	Threshold Exceeded? (2021)	Adaptive Management Implemented	Monitoring Methods
Sensory Disturbance	No threshold but Decisions Trees followed when caribou are seen near mine facilities	Not Applicable	YES. Use of Decision Tree for Management and Monitoring.	Satellite-collaring data Road surveys Daily and weekly pit and Mine-site ground surveys Incidental wildlife reporting
Disturbance to Nesting Raptors	Raptor nest failures will not be caused by Project-related activities. Threshold is one (1) nest failure per year.	NO	YES. Mine-related activity restricted within quarries with nesting activity.	Daily and weekly pit and Mine-site ground surveys Incidental wildlife reporting Dedicated raptor nest surveys Road surveys
Disturbance of Nesting, Roosting or Moulting Waterfowl	Mine facilities and activities will not affect the breeding success of waterbirds occurring in the area or disturb large concentrations of roosting or moulting waterbirds. Threshold level is one (1) nest failure per year.	NO	NO	Daily and weekly pit and Mine-site ground surveys Waterbird nest surveys Incidental wildlife reporting
Project-related Mortality	Destruction of two (2) problem grizzly bear, wolverine, or wolf per year.	NO. One wolverine mortality in 2021.	YES. All crews were reminded on wildlife procedures, right-of-way and reporting incident reporting requirements	Daily and weekly pit and Mine-site ground surveys Wildlife deterrents and mortality reporting
Project-related Mortality	Two (2) caribou or muskoxen mortality per year because of Project-related activities (e.g., falling into pits, tailing, sludge or other means)	NO	NO	Daily and weekly pit and Mine-site ground surveys Incidental wildlife reporting Wildlife mortality reporting
Project-related Mortality	Raptors and waterbirds will not be killed at the Mine site. Threshold is one (1) individual per year.	NO	NO	Daily and weekly pit and Mine-site ground surveys

4.7 Management Recommendations

The 2021 Mine site ground surveys were an effective source of monitoring to address the impact predictions for managing ungulates, predatory mammals, nesting raptors, and Project-related mortalities. The following are specific management recommendations for the Mine site ground survey monitoring program:

- Continue to distinguish between formal surveys and incidental observations, as implemented in October 2021.
- Complete wildlife incident reports, according to the TEMP Version 7, including deterrence events (Agnico Eagle 2019). All wildlife deterrence events are currently submitted to the EQuIS database.
- Continue to conduct formal weekly pit and Mine surveys to document wildlife activity and to verify that effects to wildlife are not occurring from Project-related activities.
- Continue raptor nest monitoring within the Meadowbank and Whale Tail LSAs, and along the AWAR and WTHR.
- Continue to document the use of deterrents to prevent habituation of wildlife near the Project or to relocate problematic wildlife.
- Continue to apply the Wildlife Protection and Response Plan (Appendix C, 2019 TEMP Version 7), which includes waste provisions, training, incident reporting, and protocols for problem wildlife. Efforts should be taken to ensure all perishable garbage is directed to the incinerator.
- Continue training and education to ensure that incidental wildlife reporting is completed by all Mine site personnel so that Environment personnel can remain informed of pertinent wildlife-related activity near the Mine site.
- Monitor tailings ponds daily during the waterbird migration period, beginning in mid-May. Increase the frequency of deterrent use if required.
- Gather detailed information (e.g., sex, age, photos) on deceased animals and include in incident reports, when possible.

5.0 WILDLIFE HABITAT MONITORING

5.1 Overview

The wildlife habitat mapping monitoring program was developed to describe the overall area of different Ecological Land Classification (ELC) units lost due to Mine-related activities (i.e., during construction, operation, decommissioning, and post-closure phases) at three primary locations: Meadowbank Main and Vault sites (which together encompass the Mine site), the AWAR, and the Whale Tail Pit and WTHR.

The initial strategy in the impact assessments for Meadowbank and Whale Tail was to compare predicted habitat losses due to Mine development to actual losses (i.e., from the environmental assessments); however, regular infrastructure extensions and expansions, changes to the Project, and subsequent regulatory approvals, made this approach difficult to implement. The current approach is to compare habitat losses from development to permitted areas, which encompass all proposed development. Habitat mapping monitoring is completed every three years post-construction, or if changes are greater than 25% of the overall Mine site footprint from the previous evaluation. The last comprehensive analysis was completed in 2018, therefore comprehensive analysis is scheduled for this 2021 reporting year.

5.2 Objective

The primary initial objective of the habitat mapping monitoring program was to confirm that habitat losses identified in the TEMP (Agnico Eagle 2019) and the Whale Tail Pit FEIS Addendum (Golder 2018) for the Mine sites, haul roads, and AWAR, plus any subsequent approved extensions, have not exceeded threshold limits. This approach was difficult to execute due to regular Mine plan changes and subsequent approvals; therefore in 2018, habitat losses are compared to permitted areas, which encompass Mine development areas. A summary of each monitoring parameter, predicted losses, permitted areas, and thresholds for the Meadowbank Mine and Whale Tail components is included in Table 31 and Table 32, respectively.

Table 31: Habitat Mapping Monitoring Parameters, Predicted Footprint Losses, Permitted Areas, and Thresholds for the Meadowbank Mine, All-Weather Access Road

Monitoring Parameter	Mine Site Predicted Loss	Mine Site Permitted Area	AWAR Predicted Loss	Threshold
Wildlife Habitat	1,130 ha	1,532 ha	180 ha ^(A)	>5% Predicted
Ungulate – High Suitability Habitat	372 ha (growing) 280 ha (winter)	531 ha (growing) 407 ha (winter)	4 ha (growing) 30 ha (winter)	>10% Predicted
Small Mammals – High Suitability Habitat	Given the minimal effects associated with the Meadowbank Project, habitat loss effects on Small Mammals were screened out during the FEIS (Golder 2016)			
Waterbirds – High Suitability Habitat	274 ha	417 ha	3 ha	>10% Predicted
Breeding Birds – High Suitability Habitat	590 ha	736 ha	29 ha	>10% Predicted

A) Permitted areas along the AWAR is 455 ha.

Table 32: Habitat Mapping Monitoring Parameters, Predicted Footprint Losses, Permitted Areas, and Thresholds for the Whale Tail Pit and Haul Road

Monitoring Parameter	Whale Tail Predicted Loss	Whale Tail Permitted Area	Threshold
Wildlife Habitat	775 ha	1,505 ha	>5% Predicted
Ungulate – High Suitability Habitat	21 ha (growing) 561 ha (winter)	56 ha (growing) 1,057 ha (winter)	>10% Predicted
Small Mammals – High Suitability Habitat	Given the minimal effects associated with the Meadowbank Project, habitat loss effects on small mammals were screened out during the FEIS (Golder 2016)		
Waterbirds – High Suitability Habitat	Given the minimal effects associated with the Meadowbank Project, habitat loss effects on waterbirds were screened out during the FEIS (Golder 2016)		
Breeding Birds – High Suitability Habitat	Given the minimal effects associated with the Meadowbank Project, habitat loss effects on breeding birds were screened out during the FEIS (Golder 2016)		

Habitat suitability rankings are summarized in Table 33. Further description of these rankings are provided in Dougan & Associates (2015).

Table 33: Habitat Suitability Rankings for VECs.

ELC Habitat	Caribou Growing	Caribou Winter	Muskox Growing	Muskox Winter	Waterbirds	Breeding Birds
Water	-	Low	-	Low	High	Low
Sand	Medium	Low	Low	Low	Medium	Medium
Boulder/Gravel	Medium	Low	Low	Low	Medium	Medium
Wet Graminoid	High	Medium	High	High	High	High
Graminoid Tundra	High	Medium	High	High	High	High
Graminoid/Shrub Tundra	High	Medium	High	High	Medium	High
Shrub Tundra	Medium	Low	Medium	Medium	Low	High
Shrub/Heath Tundra	Medium	Medium	Medium	Medium	Low	High
Heath Tundra	Medium	High	Medium	Medium	Low	High
Heath Upland	Medium	High	Medium	Medium	Low	High
Heath Upland/Rock Complex	Medium	High	Low	Low	Low	Medium
Lichen Tundra	Low	Medium	Low	Low	Low	Medium
Lichen/Rock Complex	Medium	High	Medium	Medium	Low	Medium

5.3 Duration

The total area of habitat disturbance associated with Mine site and ancillary facility construction was mapped following significant construction completion (2010) and was to be mapped annually during the operation phase as detailed in the TEMP (Agnico Eagle 2019). At the end of 2010, a detailed ELC habitat loss analysis found that habitat losses to date were substantially lower than predicted and that no habitat loss thresholds for VECs were exceeded. Given this outcome, another detailed ELC habitat loss analysis was not provided until the 2012 report, which had similar conclusions as those in 2010. The 2014 habitat analysis determined that habitat losses were

still below predicted losses but that some of the thresholds were being reached. A partial analysis was conducted in 2017 while a full and thorough analysis using a revised approach was completed in 2018.

The current habitat mapping monitoring program is intended to be completed every three years post-construction or if changes are greater than 25% of the overall Mine site footprint from the previous year evaluation. This frequency may be reduced during the operation phase if the amount of new disturbance and reclamation areas is relatively unchanged. Following decommissioning, vegetation mapping will be conducted in the first two years post-closure and every three years thereafter until Year 11 post-closure to verify that thresholds have been met.

5.4 Methods

Monitoring of habitat loss will occur at three primary locations: Meadowbank Mine (includes Vault Pit and Haul Road), AWAR (including quarry sites), and Whale Tail Pit and Haul Road (includes borrow/quarries sites and access roads). The calculation of impacted ELC units is based on Agnico Eagle as-built mine and road construction drawings and reports, aerial photographs and satellite imagery, and ground investigations. Newly disturbed areas are delineated using Global Positioning System (GPS) and Geographic Information System (GIS) mapping. Calculated losses were then subtracted from the permitted lease areas to ensure actual disturbances are within the lease area boundaries. For the Meadowbank Mine and AWAR locations, thresholds are disturbance of 5% above permitted areas of 1,532 and 455 ha, respectively. For the Whale Tail and Haul Road location, threshold is disturbance of 5% above a permitted area of 1,505 ha.

5.5 Historical Results

5.5.1 Meadowbank Mine Site

In 2014, construction of the Main Site construction was almost complete, including most of the infrastructure for the Vault Pit area, although much of the pit and waste rock storage area had not yet been disturbed. ELC results for the Mine site footprint, based on as-built drawings from 2014, were compared to predicted ELC unit losses from the 2005 FEIS, plus approved extensions. Measured habitat loss for the Mine site in 2014 was calculated to be 775.7 ha, which was 91.1 ha (10.5%) less than the predicted total habitat loss of 866.8 ha for the Mine site. Differences between predicted and actual habitat losses were greatest in heath tundra, birch and riparian shrub, and lichen ELC units, all of which are high suitability habitat for ungulates during the winter season. Although no thresholds (>5 to 10% above predicted losses) for the loss of high suitability habitat were exceeded for any VECs, threshold levels for the Mine site were almost reached in 2014. Consequently, commitments were made to remove the material stored in the NPAG extension area (which was approved by Nunavut Water Board [NWB]) and use it for capping of the North Cell Tailings Storage Facility during the closure/reclamation phase of the Mine.

In 2017, the Mine development footprint had changed substantially since the 2014 analysis. The Vault Pit was fully operational and had expanded into the Phaser Lake area. Although the Phaser Lake extension was completed with approval from the NIRB and the NWB, the size of the extension area was not available for habitat calculations in the 2017 report. Measured habitat loss for the Mine site in 2017 was calculated to be 1,021 ha, which was 154 ha (17.8%) more than the predicted total habitat loss of 867 ha for the Mine site. The difference between predicted and actual habitat losses was primarily attributable to the final extent of the Vault waste dump, the Phaser Lake extension of the Vault Pit area (i.e., these were not included in the 867 ha calculation), and the as-built layout of the Non-potentially Acid Generating (NPAG) expansion of the Portage Waste Rock Facility. Differences between predicted and actual habitat losses were greatest for the sedge, and birch and riparian shrub ELC units, both of which are High suitability habitat for ungulates during the winter season. Greater than 10% differences between predicted and actual habitat losses were also observed in heath tundra, lichen, lichen-rock,

and rock and boulder ELC units. Additionally, losses of high suitability habitat exceeded established thresholds for ungulates (growing and winter season), small mammals, and other breeding birds.

For the 2018 habitat analysis, the approach was revised to compare habitat losses to total area within Agnico Eagle's permitted areas, which also encompasses future approved work. For all ELC units combined, overall measured habitat losses (i.e., 1,129 ha) were 26% less than the habitat available within permitted areas (i.e., 1,532 ha) of the Meadowlark Mine site; therefore, thresholds were not surpassed. Similar to the measured habitat loss assessment, high suitability habitat losses for ungulates, small mammals, waterbirds, and other breeding birds were all well below available high suitability habitats within permitted areas, also not surpassing any thresholds.

5.5.2 AWAR

The ELC results for the AWAR had not changed since the 2010 analysis, and habitat loss analyses were not required. The 2010 ELC results for the AWAR were compared to ELC unit losses predicted in the 2005 EIS report. Construction of the AWAR required 38.4% less area (173 ha) than predicted in the 2005 FEIS (281 ha) and for each ELC unit, actual habitat losses were less than predicted. ELC habitat loss values for the AWAR in 2010 were compared to predicted high suitability habitat losses for ungulates (growing and winter season), waterbirds, other breeding birds, and small mammals. In all cases, the measured high suitability habitat losses were significantly less than predicted losses and no thresholds (i.e., >5 to 10% above predicted losses) were exceeded.

5.5.3 Whale Tail Pit and Haul Road

The Whale Tail Pit was last assessed in 2020 (Golder 2021). The area of the proposed footprint from 2018 was assessed as 5.04 km², and the area of the 2020 footprint of the Whale Tail Pit was assessed as 5.20 km². The Whale Tail Lake, borrow areas, and WTHR present in the proposed 2018 footprint were excluded from comparison with the 2020 footprint. Change in footprint for the Whale Tail Pit (3.2%) in 2020 was assessed as less than 25% since 2018.

5.6 Results

5.6.1 AWAR

The ELC results for the AWAR have not changed since the 2010 when it was reported as 173 ha in size. The current footprint of the AWAR and quarry sites is 180 ha. This increase in size is a result of changes in boundary classifications and is not a result of additional development on the AWAR. The AWAR habitat losses are well below the permitted area of 455 ha.

5.6.2 Meadowbank Mine Site

Change in ELC units for Meadowbank Mine Site is summarized in Table 34 and Figure 13. The highest amount of ELC losses are in the water, sedge and birch and riparian shrub ELC units representing 365 ha, 229 ha and 142 ha respectively.

Table 34: Meadowbank Mine Site Footprint ELC Unit Totals

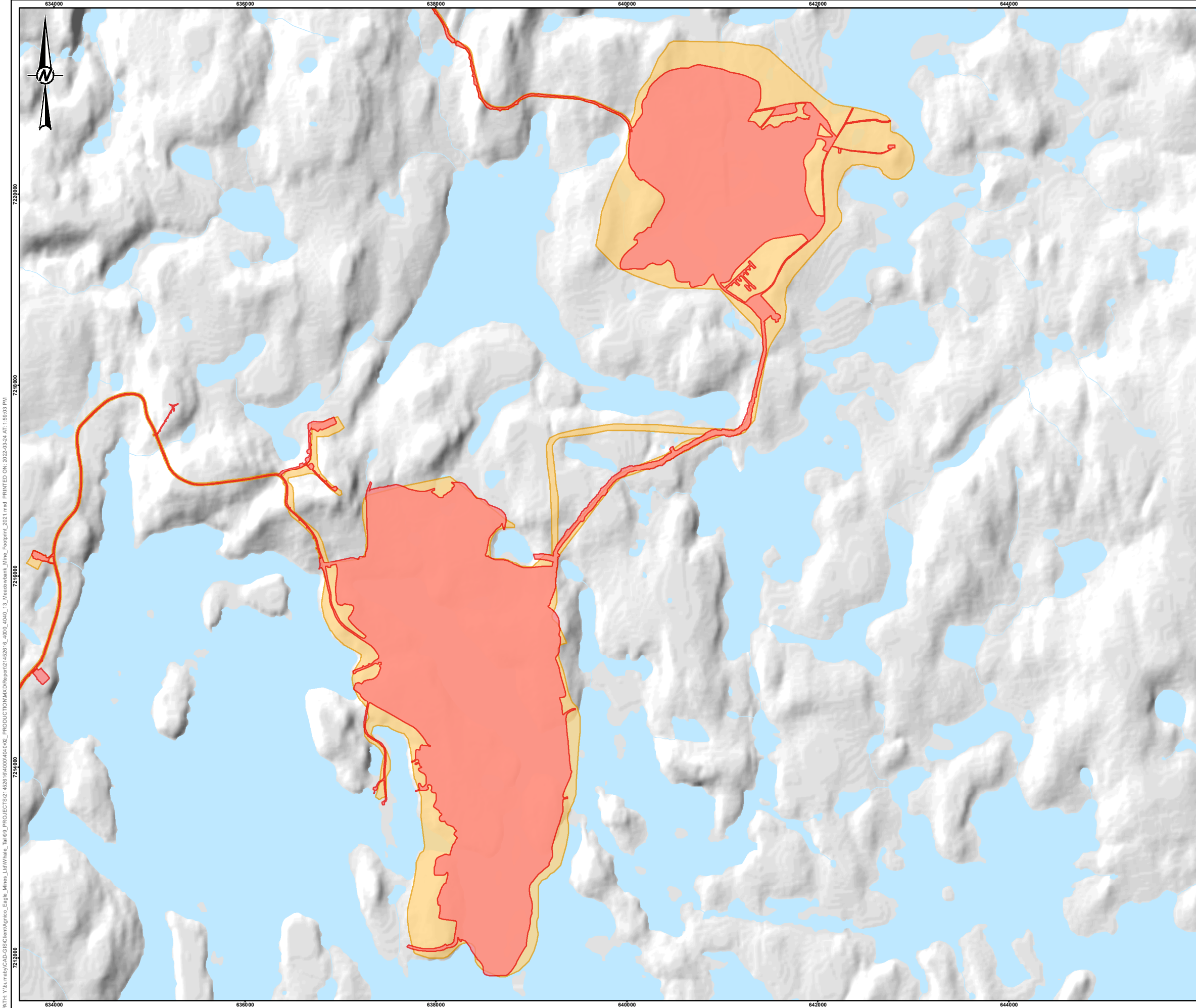
ELC Unit	Permitted Areas [ha]	Calculated ELC Unit Losses 2021 [ha]	Difference between Losses and Permitted Areas
Birch and Riparian Shrub	202.91	142.43	-60.49
Heath Tundra	145.51	116.65	-28.86
Lichen	175.07	119.9	-56.07
Lichen-Rock	86.45	43.67	-42.78
Ridge Crest / Esker / Avens	0.19	0.18	-0.01
Rock and Boulder	185.13	113.15	-71.98
Sedge	328.03	229.05	-98.98
Water	408.33	365.13	-43.19
Total Area	1,531.63	1,130.16	-402.37

Change in high suitability habitats compared to predicted losses is summarized in Table 35.

Table 35: Meadowbank Mine Site Predicted and Actual High Suitability Habitat Losses

Habitat	Predicted Loss [ha] ^(A)	2021 Loss [ha]	% of Predicted Loss	Threshold (above predicted losses)
Terrestrial Habitat	1,532	1,130	74	5%
Ungulate Growing Season	531	372	70	10%
Ungulate Winter Season	407	280	69	10%
Waterbirds	417	274	66	10%
Breeding Birds	736	594	81	10%

A) Predicted loss in 2021 is based on permitted area and not EIS predicted areas plus approved extensions.



LEGEND

- AREA DISTURBED (2021)
- PERMITTED LEASE AREA
- WATERCOURSE
- WATERBODY

KEY MAP

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

MEADOWBANK MINE FOOTPRINT (2021)

GOLDER MEMBER OF WSP	CONSULTANT	YYYY-MM-DD	2022-03-24
		DESIGNED	SW
		PREPARED	CDB
		REVIEWED	DC
		APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	13

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 28mm

5.6.3 Whale Tail Pit and Haul Road

Change in ELC units the Whale Tail Pit and Whale Tail Haul Road is summarized in Table 36 and Figure 14. The highest amount of ELC losses are in the lichen/rock complex followed by the heath upland and heath tundra ELC units representing 252 ha, 160 ha and 121 ha respectively.

Table 36: Whale Tail Pit and Haul Road Footprint ELC Unit Loss

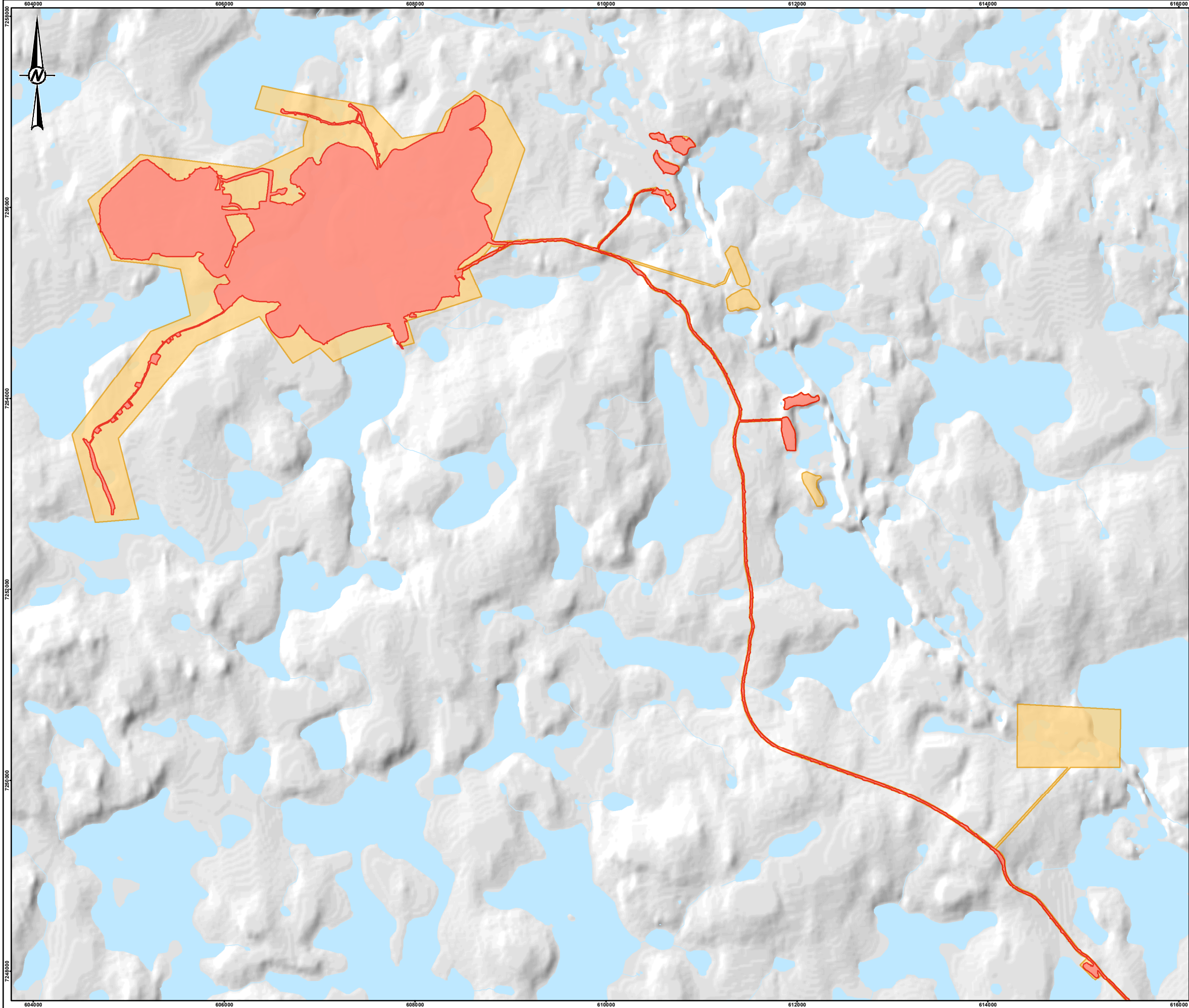
ELC Unit	Predicted Losses from Whale Tail Expansion 2018 FEIS [ha]	Permitted Areas [ha]	Calculated ELC Unit Losses [ha]	Difference [ha]
Boulder/Gravel	94	118.07	52.53	65.54
Graminoid Tundra	21	33.90	12.89	21.01
Graminoid / Shrub Tundra	6	14.68	4.12	10.56
Heath Tundra	146	214.86	121.59	93.27
Heath Upland	175	306.20	160.18	146.02
Heath Upland / Rock Complex	7	13.18	6.23	6.95
Lichen Tundra	49	93.49	46.90	46.59
Lichen / Rock Complex	285	467.07	252.18	214.89
Sand	11	16.70	6.13	10.57
Shrub Tundra	9	11.30	7.09	4.21
Shrub / Heath Tundra	13	22.52	10.35	12.17
Water	360	185.32	91.04	94.28
Wet Graminoid	10	7.25	4.04	3.21
Total Area	1,186	1,504.54	775.27	729.27

Change in high suitability habitats compared to predicted losses is summarized in Table 37.

Table 37: Whale Tail Pit and Haul Road Predicted and Actual High Suitability Habitat Losses

Habitat	Predicted Loss [ha]	2021 Loss [ha]	% of Predicted Loss	Threshold
Terrestrial Habitat	1,504.54	775.27	52	5%
Ungulate Growing Season	55.83	21.05	38	10%
Ungulate Winter Season	1,057.14	561.23	53	10%

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LEGEND

- AREA DISTURBED (2021)
- PERMITTED LEASE AREA
- WATERCOURSE
- WATERBODY

KEY MAP

0 800 1,600
1:40,000 METRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT**AGNICO EAGLE**

**AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION**

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

WHALE TAIL PIT AND HAUL ROAD FOOTPRINT (2021)

GOLDER MEMBER OF WSP	CONSULTANT	YYYY-MM-DD	2022-03-24
		DESIGNED	SW
		PREPARED	CDB
		REVIEWED	DC
		APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	14

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5.7 Accuracy of Impact Predictions

The 2021 habitat loss data were compared to permitted areas (i.e., rather than EIA predicted areas and extensions) to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. Actual habitat loss as result of mine site construction and AWAR/WTNR development to date is significantly less than habitat available within permitted areas (Table 38).

Table 38: Accuracy of Impact Predictions - Habitat Loss

Measurable Parameter	Threshold (Compared to Permitted Areas	Threshold Exceeded (2021)	Adaptive Management Implemented	Status
Habitat Loss	Terrestrial Habitat Meadowbank = 1,532 ha AWAR = 455 ha Whale Tail = 1,505 ha Threshold is >5% habitat loss of permitted area	No	None required	Ground Surveys Mapping and GIS analyses – ELC habitat mapping
	Ungulates Meadowbank Growing = 33 ha Winter = 650 ha Whale Tail Growing = 56 ha Winter = 1,057 ha	No	None Required	
	Small Mammals Waterbirds Breeding Birds	Given the minimal effects associated with the Meadowbank project, habitat loss effects were screened out during the EA (Golder 2016)		
	Following mine closure and reclamation activities (except for tailings, waste rock facilities and exposed pit slopes) will see revegetation rates of >20% (year 2 post-closure), >40% (year 5), >60% (year 8) and >80% (year 11)	Not yet applicable		

5.8 Management Recommendations

Calculated habitat loss for the project are well below habitats available within the permitted areas, as are high suitability habitat losses for wildlife VECs. The next wildlife habitat monitoring analysis will be presented in the 2024 TEMP unless there are significant changes to the planned Project footprint.

6.0 CARIBOU SATELLITE-COLLARING PROGRAM

6.1 Overview

Agnico Eagle intends to continue collaboration with the GN DoE caribou satellite-collaring program that includes data collected within the Meadowbank Complex RSA. The GN biologists discuss collar deployments with hunters and Elders and get approval prior to proceeding. Daily collar location maps are provided by GN DoE during the sensitive seasons to inform locations of caribou in relation to the Meadowbank Complex.

6.2 Objectives

The satellite-collaring program was developed to provide information on the distribution of caribou occurring within the Meadowbank RSA and contribute data to ongoing satellite-collaring programs for the Ahiak, Qamanirjuaq, and other herds that are used by the GN for herd management. The satellite-collaring program, along with GN DoE regional data, is an important monitoring and management tool that provides a regional perspective on caribou activity near Mine operations. Another key objective of the program is to provide timely information for the caribou management and monitoring strategy at the Meadowbank and Whale Tail sites (i.e., Decision Tree approach; see 2019 TEMP [Agnico Eagle 2019]).

6.3 Duration

The satellite-collaring program was initially designed to continue for five consecutive years in accordance with the original TEMP (Cumberland 2006), but collar deployments have continued beyond this period as part of a long-term caribou monitoring strategy for the region. Caribou in the Baker Lake area were first collared in May 2008, and the program has continued for more than a decade. Monitoring of collars continued in 2021 and is expected to continue through 2022.

6.4 Methods

Caribou collaring methods and deployment are administered by the GN. Caribou are carefully netted by the contracted satellite-collaring crew via helicopter and fitted with either an Advanced Research and Global Observation Satellite (ARGOS) GPS Type IV or Iridium satellite-collar. Collar data are regularly¹ retrieved electronically via satellite and distributed to GN DoE and Nunavut Environmental personnel by CLS America, the data-management company.

Deployed collar data were included in a population distribution analysis completed for the GN (Nagy et al. 2011). The clustering and movements of each collared caribou are examined and assigned to the sub-population (i.e., Ahiak, Beverly, Lorillard, Qamanirjuaq, and Wager Bay herds) that best fits the animal's movement characteristics.

Collar data collected between 2005 and 2019 was analyzed in 2021 to assess inter-annual trends in migration timing, comparison between telemetry and ground survey observations in 2018 and 2019, and the effect of WTHR construction on spring and fall migration patterns.

The WTHR and AWAR do not have a straight north-south alignment and therefore cannot be used to standardize the timing of migration. In contrast, a straight north-south reference line does standardize timing because it occurs at the same point in space regardless of where a caribou encounters it. One north-south reference line was

¹ Data are often retrieved on a daily basis but may vary depending on signal strength and weather conditions.

placed at the most western point of the WTHR and AWAR to capture migration of caribou from western wintering grounds to eastern calving grounds (i.e., the spring reference line). A second north-south reference line was placed at the most eastern point of the WTHR and AWAR to capture migration of caribou from eastern calving grounds to western wintering grounds (i.e., the fall reference line).

Inter-annual variation in migration trends was also estimated using linear mixed-effects models, where caribou ID was included as a random intercept to account for correlated migration behaviour of the same animal, and year was included as a fixed effect. A one-way analysis of variance (ANOVA) assuming Type II error was used to test inter-annual variation in migration trends (i.e., the fixed effect of year). Post-hoc comparisons (i.e., Tukey Contrasts) were completed between pairs of years to determine statistically significant differences in migration trends over time.

Full methodology of 2005 to 2019 collar analysis is included in Appendix F.

6.5 Historical Results

Collaring was originally scheduled to commence in 2007 but was postponed for one year due to logistical constraints. Seven deployments, with a total of 115 collars, have been completed in the area around Baker Lake since Agnico Eagle became involved in the collaring program. historical collar data have all been assigned to one of the five major sub-populations (Nagy et al. 2011). The following numbers of collars were successfully deployed since 2008:

- 9 collars (Agnico Eagle) in May 2008;
- 21 collars (shared by Agnico Eagle and AREVA) in November 2009;
- 13 collars (Agnico Eagle) in April 2011;
- 15 collars (shared by Agnico Eagle and AREVA) in April 2013;
- 10 collars (Agnico Eagle) in April 2015;
- 13 collars (Agnico Eagle) in May 2016; and
- 34 collars (Agnico Eagle) in April 2018

6.6 Caribou Migration Patterns

Based on analysis of collar data from 2005 to 2019, the estimated date of spring migration pooled across all years was Julian day 121, or 1 May, and 96% of all spring migrations, occurred between 11 April and 20 May. Spring migration timing distribution differed significantly across all years. However, pairwise comparisons between years found that 83% of years were statistically similar, and only 17% of years differed significantly. When years with low sample sizes were removed, large changes to migration timing, duration, and pooled absolute differences were not observed. However, the number of year-to-year comparisons of distributions that were statistically similar was reduced.

In 2018, the date at which approximately 50% of caribou were estimated to have migrated across the spring reference line, based on ground observations, was Julian day 108 (18 April), which was 13 days earlier than the date estimated by telemetry data (i.e., Julian day 120 or 1 May). The estimated date of spring migration was later in 2019 (i.e., Julian day 114 or 24 April vs. Julian day 108 or 18 April) based on ground observations. Telemetry data for 2019 indicated that the estimated date of spring migration was also 24 April.

Because fall migration appeared to be multimodal (i.e., caribou interacted with the fall reference line in multiple waves), the fall season was split into an early and late period, and inter-annual variation in fall migration was considered for each period separately. Based on 14 caribou, the mean early fall migration date for 2018 was Julian day 256 (13 September), and 96% of early fall migrations, occurred between 30 August and 27 September in 2018. The mean late fall migration date was Julian day 312 (8 November), and 96% of late fall migrations, occurred between 11 October and 7 December. Late fall migration distributions differed significantly across years. Pairwise comparison of years indicated that 33% of years were statistically similar and 67% of years were statistically different.

In 2018, the estimated date at which approximately 50% of total caribou were recorded from ground observations was Julian day 286 (13 October), which was 22 days later than the date estimated by 50% of telemetry data (i.e., Julian day 264 or 21 September) and inclusive of both early and late fall periods. Comparisons between ground and telemetry observations could not be made for 2019, due to collar data being unavailable at the time of analysis.

Spring migration distributions did not vary pre- and post-WTHR construction, nor did late fall migration distributions. Early fall pre-and post-WTHR construction distributions were not compared because the within year trend for 1999, 2000 and 2001 are characterized by a single collared animal and would limit the temporal comparison to a single pre-construction (2016) and post-construction 2018 year.

Full results of the 2005 to 2019 collar data analysis are provided in Appendix F.

6.7 2021 Results

Agnico Eagle intends to continue collaboration with the GN DoE caribou satellite-collaring program. Collar data were not available to complete the 2020 and 2021 analysis.

6.8 Accuracy of Impact Predictions

Could not be completed for the 2021 monitoring year. Collar data were not available to complete the analysis at the time of reporting.

6.9 Management Recommendations

Future collar data analysis should be discussed with the TAG. Recommendations based on analysis of 2005 to 2019 collar data include further exploratory analysis aimed at explaining annual differences in the timing of spring and fall migration may be completed with environmental covariates such as snow conditions (Mallory et al. 2020) or weather (Gurarie et al. 2019). If differences can be explained by readily available information such as weather, then it may be possible to forecast when mitigation should be applied annually. Further analyses can be carried forward with additional comparisons to ground observations during both seasons as collar data becomes available.

7.0 VIEWSHED SURVEYS

7.1 Overview

Viewshed surveys were implemented in 2020 to survey standardized and readily accessible survey locations along the WTHR that would maximize detection of approaching caribou because topography around the WTHR is variable. The viewshed surveys serve as an early warning system for caribou approaching the WTHR to support mitigation measures during migration. The existing height-of-land (HOL) surveys were completed from 2017 through to February 2020 and then replaced by the viewshed surveys for the remainder of 2020. In 2019, Agnico Eagle advanced the idea of using viewshed survey points instead of HOL locations because of safety and logistical concerns. A viewshed survey analysis (a viewshed analysis) and report were prepared by Golder (2020c) to establish 12 viewshed survey locations along the WTHR that maximized the total habitat around the WTHR that could be surveyed. Agnico Eagle began using the viewshed survey locations in February 2020. In 2021, viewshed survey locations were adjusted based on areas with high caribou use and points of high elevation within areas with high caribou use, and an additional survey location was added. Thirteen viewshed locations were surveyed on 27 occasions in 2021.

7.2 Objectives

The viewshed surveys provide an ‘early warning’ system of the presence of caribou in proximity to the WTHR. The viewshed surveys provide a series of standardized locations to repeatedly and safely survey throughout the year to produce estimates of caribou moving through the Project.

7.3 Methods

From 2017 to 2019, five height-of-land (HOL) locations were surveyed along the WTHR. The locations were within 500 m of the WTHR and provided an unobstructed view of the surrounding terrain. In 2020, the HOL surveys were replaced by viewshed surveys and twelve viewshed survey locations were established along the WTHR in a desktop review to maximize the area around the WTHR that could be surveyed (Golder 2020a). Survey locations were established to cover the length of the WTHR. In 2021, 13 viewshed locations were surveyed as shown in Figure 15. While conducting the viewshed surveys, observers spent 10 minutes surveying for wildlife using a combination of naked eye, binoculars, and spotting scopes to maximize sighting distance. If a caribou group is observed, the observer estimates the number of individuals, direction from observer, distance from road, behaviour, direction of travel, and habitat. These results are then used to determine if a Group Size Threshold has been reached and if mitigation action is required.

7.4 Historical Results

A total of 12 species were observed during HOL surveys in 2019; six species were only observed during the summer caribou season (Table 39). The highest number of caribou was observed during the spring caribou season, followed by the fall and then summer seasons (Table 39). No caribou were observed during the winter caribou season.

In 2020, 163 viewshed surveys were completed across 19 dates: five in spring, eight in summer, one in fall, and five in winter. Three mammal species were observed during viewshed surveys, including 252 caribou, one Arctic hare, and eight muskox (Table 40). Two bird species were observed including one common raven and one sandhill crane. Only 10 out of 163 surveys (6%) had caribou sightings. Of the 10 sightings, 8 occurred during the spring and 2 during the summer. Caribou were typically sighted to the north or west, and the average sighting

distance was 630 m from the road. In all cases where caribou were observed, the recorded visibility was up to 1 km, indicating these surveys are most effective in good visibility conditions.

Table 39: Total Number of Wildlife Observed during Height of Land Surveys along the Whale Tail Haul Road in 2019

Species	Caribou Seasons			
	Spring 01 Apr to 25 May	Summer 26 May to 21 Sep	Fall 22 Sep to 15 Dec	Winter 16 Dec to 31 Mar
Mammals				
Arctic hare	2	3	3	0
Caribou	842	177	529	0
Muskox	17	16	0	32
Wolf	0	0	1	0
Wolverine	0	0	1	1
Birds				
Canada goose	0	6	0	0
Geese sp.	0	167	0	0
Gull sp.	0	2	0	0
Owl sp.	0	2	0	0
Ptarmigan sp.	0	19	15	0
Snow bunting	0	10	0	0
Snow goose	0	346	0	0

Table 40: Total Number of Wildlife Observed during Viewshed Surveys along the Whale Tail Haul Road in 2020

Species	Caribou Seasons			
	Spring 01 Apr to 25 May	Summer 26 May to 21 Sep	Fall 22 Sep to 15 Dec	Winter 16 Dec to 31 Mar
Mammals				
Arctic hare	1	0	0	0
Caribou	247	5	0	0
Muskox	1	7	0	0
Birds				
Common raven	0	1	0	0
Sandhill crane	0	1	0	0

7.5 2021 Results

All thirteen viewshed locations (Figure 15) were surveyed on 27 dates in 2021, though not all locations were surveyed each day. Each location was surveyed a minimum of 15 times each throughout the year, with a maximum of 26 survey visits and a total of 310 surveys conducted. Surveys were conducted between 4 February and 29 December, with the highest survey effort occurring in the fall (54%, Table 41). There were no viewshed surveys conducted in spring of 2021.

Table 41: Viewshed Survey Effort by Season, 2021

Season	Survey Days	Surveys Completed (% of total effort)
Spring	0	0 (0%)
Summer	9	92 (30%)
Fall	14	167 (54%)
Winter	4	51 (17%)
Total	27	310 (100%)

Of the 310 viewshed surveys completed in 2021, only 37 surveys (12%) had caribou sightings, and a total of 190 caribou were reported (Table 42). Only two survey locations, Viewshed 1 and Viewshed 11, had no surveys with caribou detections (Table 42). Three survey locations had only one survey with caribou sightings (Viewshed 2, 3, 11), two survey locations had two surveys with caribou sightings (Viewshed 6, 8), and one survey location had four surveys with caribou sightings (Viewshed 4). Viewshed survey locations 10, 12, and 13 each had five surveys with caribou sightings, and Viewshed 5 had a total of eight surveys with caribou sightings. Of the 37 surveys with caribou sightings, 27 occurred during the summer and 10 occurred during fall (Table 42). The 51 winter surveys did not detect caribou, and there were no viewshed surveys in spring of 2021. In spring 2021, road surveys were the main method used to detect and monitor the presence of caribou, however, upon receiving 2020 GN comments, Agnico Eagle increased viewshed survey effort and will continue this effort in 2022.

Group sizes ranged from 1-24 individuals (Table 43). Caribou were sighted more frequently to the east due to increased surveys in the fall, and the average sighting distance was 1049 m from the road. In all cases where caribou were observed and visibility was recorded, the visibility was at least 1 km, indicating these surveys are most effective in good visibility conditions.

Other mammals recorded during viewshed surveys include Arctic fox, Arctic ground squirrel, Arctic hare, muskox, and bird species recorded include Canada goose, common raven, ptarmigan sp., sandhill crane, and snow goose (Table 44).

Table 42: Viewshed Surveys Completed and Number of Caribou Observed per Season in 2021

Date	Viewshed Survey Location												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Spring Caribou Season (01 Apr – 25 May)													
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-
Summer Caribou Season (26 May – 21 Sep)													
2021-07-14	-	0	0	0	0	0	0	0	0	0	0	0	1
2021-08-08	-	0	0	0	1	4	9	13	0	2	0	24	13
2021-08-10	-	0	0	0	0	0	3	0	0	13	0	0	0
2021-08-13	-	0	0	0	16	5	0	0	0	0	0	0	1
2021-08-14	-	-	5	4	3	0	0	3	0	3	0	1	1
2021-08-17	-	0	0	0	7	0	1	0	0	0	0	0	1
2021-09-08	-	-	-	-	3	-	0	0	0	0	0	0	0
2021-09-18	-	0	0	0	4	0	0	0	0	-	-	-	0
2021-09-20	-	-	-	-	-	-	-	-	-	3	0	5	0
Fall Caribou Season (22 Sep – 15 Dec)													
2021-09-22	-	0	0	1	4	0	0	0	0	0	0	0	0
2021-10-01	0	0	0	8	2	0	0	0	0	2	0	8	0
2021-10-06	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-10-15	0	0	0	0	0	-	0	0	0	0	0	0	0
2021-10-21	0	4	0	0	0	0	0	0	0	0	0	0	0
2021-10-28	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-10-31	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-11-03	0	0	0	6	0	0	0	0	0	0	0	3	0
2021-11-07	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-11-22	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-11-26	0	0	0	0	0	0	0	0	0	0	3	0	0
2021-12-02	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-12-08	0	0	0	0	0	0	0	-	-	-	-	-	-
2021-12-09	-	-	-	-	-	-	-	0	0	0	0	0	0

Table 42: Viewshed Surveys Completed and Number of Caribou Observed per Season in 2021

Date	Viewshed Survey Location												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Winter Caribou Season (16 Dec – 31 Mar)													
2021-02-04	-	0	0	0	0	0	0	0	0	0	0	0	0
2021-12-16	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-12-22	0	0	0	0	0	0	0	0	0	0	0	0	0
2021-12-29	0	0	0	0	0	0	0	0	0	0	0	0	0

Dashed line indicates survey location was not surveyed. Zero indicates the area was surveyed and there were no caribou detected.

Table 43: Survey Condition Details for Viewshed Surveys with Caribou Sightings, 2021

Survey Location	Date	Temperature (°C)	Wind Speed (km/hr)	Visibility*	Cardinal Direction	Number	Habitat	Behaviour	Distance from Road (m)
Summer Caribou Season (26 May To 21 Sep)									
Viewshed 13	2021-07-14	25	NA	1 km	West	1	Tundra	Walking	500
Viewshed 5	2021-08-08	6	50	1 km	East	1	Tundra	Foraging	2000
Viewshed 6	2021-08-08	6	50	1 km	East	4	Tundra	Foraging	300
Viewshed 7	2021-08-08	6	50	1 km	East	9	Tundra	Foraging	3000
Viewshed 8	2021-08-08	6	50	1 km	East	13	Tundra/Rocks	Walking	300
Viewshed 10	2021-08-08	6	50	1 km	East	2	Tundra	Running	1200
Viewshed 12	2021-08-08	6	50	1 km	East	24	Tundra	Lying Down	100
Viewshed 13	2021-08-08	6	50	1 km	East	13	Tundra	Foraging	250
Viewshed 7	2021-08-10	5	40	1 km	East	3	LR	Walking	30
Viewshed 10	2021-08-10	5	40	1 km	East	13	HT	Walking	3000
Viewshed 5	2021-08-13	11	50	1 km	East	16	HT	Feeding	1000
Viewshed 6	2021-08-13	11	50	1 km	East	5	HT	Feeding	400
Viewshed 13	2021-08-13	11	50	1 km	West	1	HT	Feeding	2000
Viewshed 3	2021-08-14	13	30	1 km	East	5	Tundra/Rocks	Running	300
Viewshed 4	2021-08-14	13	30	1 km	East	4	Tundra	Walking	800
Viewshed 5	2021-08-14	13	30	1 km	East	3	Tundra/Rocks	Feeding	1000
Viewshed 8	2021-08-14	13	30	1 km	East	3	Tundra/Rocks	Feeding	500
Viewshed 10	2021-08-14	13	30	1 km	East	1	Tundra	Feeding	1000
Viewshed 10	2021-08-14	13	30	1 km	East	2	Esker	Walking	1000

Table 43: Survey Condition Details for Viewshed Surveys with Caribou Sightings, 2021

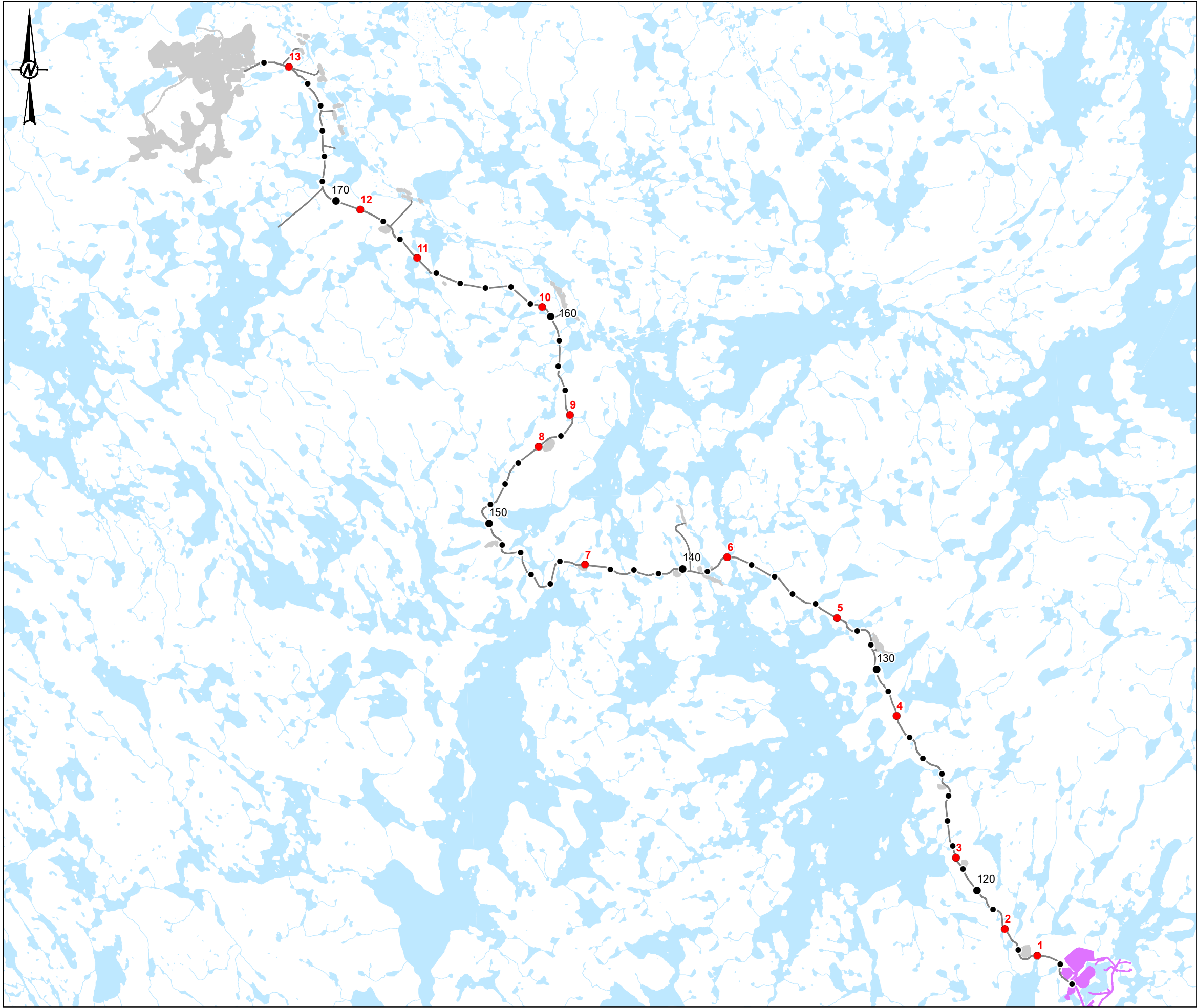
Survey Location	Date	Temperature (°C)	Wind Speed (km/hr)	Visibility*	Cardinal Direction	Number	Habitat	Behaviour	Distance from Road (m)
Viewshed 12	2021-08-14	13	30	1 km	East	1	Tundra	Feeding	100
Viewshed 13	2021-08-14	13	30	1 km	East	1	Road esker	Standing	25
Viewshed 5	2021-08-17	12	20	1 km	East	2	Tundra/Rocks	Foraging	0
Viewshed 5	2021-08-17	12	20	1 km	East	5	Tundra/Rocks	Foraging	3000
Viewshed 7	2021-08-17	12	20	1 km	East	1	Rocks	Feeding	500
Viewshed 13	2021-08-17	12	20	1 km	East	1	Gravel	Trotting/running	50
Viewshed 5	2021-09-08	11	20	1 km	West	3	Tundra, Road	Feeding	0
Viewshed 5	2021-09-18	5	17	>1 km	West	4	Tundra, Lake	Feeding	25
Viewshed 10	2021-09-20	6	22	-	East	3		Feeding	600
Viewshed 12	2021-09-20	6	22	-	West	5		Resting	800
Fall Caribou Season (22 Sep – 15 Dec)									
Viewshed 4	2021-09-22	5	31	-	West	1		Feeding	200
Viewshed 5	2021-09-22	5	31	-	East	1		Feeding	900
Viewshed 5	2021-09-22	5	31	-	West	3		Feeding	30
Viewshed 4	2021-10-01	5	40	>1 km	East	8	Lichen, Lichen-Rock, Road	Walking	10
Viewshed 5	2021-10-01	5	40	>1 km	West	2	Lichen, Rock & Boulder, Sedge, Water	Walking	350
Viewshed 10	2021-10-01	5	40	>1 km	East	2	Lichen, Sedge	Walking	400
Viewshed 12	2021-10-01	5	40	>1 km	West	8	Lichen, Lichen-Rock, Rock & Boulder, Sedge	Resting	300
Viewshed 2	2021-10-21	-4	9	1 km	East	4	Heath Tundra, Rock & Boulder	Foraging	75
Viewshed 4	2021-11-03	-8	6	1 km	East	6	Heath Tundra, Lichen-Rock	Running	800
Viewshed 12	2021-11-03	-8	6	1 km	East	3	Heath Tundra, Lichen-Rock	Feeding	100
Viewshed 11	2021-11-26	-25	18	>1 km	West	3	Hilltop	Alert	1500

*Methods for noting visibility changed during September 2021 including an additional option for ">1 km" being added to tablets used for data collection. Visibility of 1km prior to September 2021 may have been selected for visibility that was 1 km or visibility that was greater than 1 km.

Table 44: Total Number of Wildlife Observed during Viewshed Surveys along the Whale Tail Haul Road in 2021

Species	Caribou Seasons			
	Spring (01 Apr to 25 May)	Summer (26 May to 21 Sep)	Fall (22 Sep to 15 Dec)	Winter (16 Dec to 31 Mar)
Mammals				
Arctic fox	-	1	2	0
Arctic ground squirrel	-	1	0	0
Arctic hare	-	2	0	0
Caribou	-	149	41	0
Muskox	-	20	35	2
Birds				
Canada goose	-	13	0	0
Common raven	-	0	1	1
Ptarmigan sp.	-	0	5	0
Sandhill crane	-	2	0	0
Snow goose	-	38	0	0

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LEGEND

- VIEWSHED SURVEY LOCATION
- KILOMETRE MARKER
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- WATERBODY
- WATERCOURSE

0 3 6
1:150,000 KILOMETRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

LOCATION OF VIEWSHED SURVEYS ALONG WHALE TAIL HAUL ROAD, 2021

CONSULTANT	YYYY-MM-DD	2022-03-24
GOLDER MEMBER OF WSP	DESIGNED	JF
	PREPARED	CDB
	REVIEWED	DC
	APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	15

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 28mm

7.6 Management Recommendations

The viewshed surveys were implemented to improve logistics and health and safety conditions for observers, as well as long-distance monitoring of caribou. Twenty-seven days of viewshed surveys were conducted in 2021, while the majority of monitoring along the WTHR was conducted using the standard road surveys (Section 3.0). Agnico Eagle increased viewshed survey effort prior to fall migration, based on comments on the 2020 annual report. Analysis comparing the effectiveness of viewshed surveys and road surveys at detecting caribou approaching the WTHR, based on known locations from satellite collar data has been requested by the GN. Completion of this analysis is planned in 2022 following the spring migration.

8.0 REMOTE CAMERA PROGRAM

8.1 Overview

The initial remote camera study design (October 2018 to November 2019) was intended to collect general trends on caribou crossing events and traffic or road activities on the WTHR, to inform fine scale traffic mitigation. An updated study design was implemented in November 2019, to examine the permeability of the WTHR to caribou movement as those interactions relate to the physical parameters of the road. The 2020 remote camera data were previously analyzed for the 2020 Wildlife Monitoring Summary Report (Golder 2021). Results from the 2019 to 2021 remote camera program are summarized below.

8.2 Objectives

The primary objective of the remote camera program is to monitor caribou behavioural interactions with the WTHR, and adapt management practices (i.e., traffic mitigation) as required. The current remote camera program allows for comparisons to determine if caribou crossing locations along the WTHR are related to the physical parameters of the road (i.e., backfill height, slope and material grain size) and traffic rates (Golder 2019).

8.3 Duration

The use of remote cameras will continue throughout the year, but camera results will be analyzed and discussed at TAG meetings to ensure that the monitoring objectives are being achieved.

8.4 Methods

8.4.1 Camera Deployment and Settings

Locations of remote cameras have varied across program years (Table 45; Figure 16 to Figure 18). Ten camera pairs were active in 2019 and 2021, and eight camera pairs were active in 2020. The locations of the paired remote cameras along the WTHR were selected based on high-frequency caribou crossing locations, and stratified across road height categories (i.e., <1.5 m, 1.5 to 3 m, and >3 m; Table 45). Road heights in 2019 were determined from spatial data, and road heights in 2020 and 2021 were determined in the field. Backfill material and slope at camera locations were determined from construction surveys (WSP 2019). Backfill slope along the WTHR is typically 2:1. In areas where backfill height exceeds 3 m, slope was recontoured to 4:1 for safety purposes, and to facilitate wildlife crossings (WSP 2019).

The program uses Reconyx HyperFire 2 Professional Covert IR Camera OD Green cameras. In the pilot program, at each location, the first camera in the pair was typically placed facing the WTHR, and the second camera was placed facing away from the WTHR. In November 2019, camera locations were updated so that at each location, the first camera in the pair was placed facing parallel to the WTHR (i.e., recording observations of caribou crossing the road) in one direction (e.g., north). The second camera in the pair was placed facing parallel to the road in the opposite direction of the first camera (e.g., south). Cameras were placed in close proximity to the road (within 5 m, approximately 1 m above ground level), to provide a field of view that would capture road traffic and caribou interactions with the road. The majority of camera positions were adjusted for 2021 to encompass both sides of the road to better document caribou crossing events and vehicle traffic. Camera timing was set to the continuous motion-triggered setting, with additional timed interval photos occurring in thirty minute or one hour intervals. Maintenance checks were performed approximately every one to two months, and weekly during the sensitive seasons to back up photographs and remove dust, snow, or ice accumulated on cameras.

Table 45: Remote Camera Locations along the Whale Tail Haul Road

Year	Camera Pair	Camera Label	KM Location Reference ^(a)	Road Height (m)	Backfill Material	Backfill Slope (Horizontal :Vertical)	Caribou Detection Rate Spring (Caribou/Day)	Caribou Crossing Rate Spring (Caribou/Day)
2019 ^(b)	1	AECC01/AECC02	116	<1.5	Rock	2:1	0	0
	2	AECC03/AECC04	123	<1.5	Rock	2:1	0	0
	3	AECC05/AECC06	118	<1.5	Rock	2:1	13.80	0
	4	AECC07/AECC08	133	<1.5	Rock	2:1	17.00	0
	5	AECC09/AECC10	129	<1.5	Rock	2:1	5.57	0
	6	AECC11/AECC12	159	<1.5	Mix	2:1	15.93	0
	7	AECC13/AECC14	133	<1.5	Rock	2:1	16.11	0
	8	AECC15/AECC16	141	<1.5	Esker	2:1	4.90	0
	9	AECC17/AECC18	136	<1.5	Rock	2:1	0	0
	10	AECC19/AECC20	148	<1.5	Mix	2:1	0	0
2020	1	AECC01/AECC02	117	>3	Rock	4:1	1.95	1.20
	2	AECC03/AECC04	132	>3	Esker	4:1	0.65	0.11
	3	AECC05/AECC06	136	1.5 to 3	Rock	2:1	1.09	0.45
	4	AECC07/AECC08	172	1.5 to 3	Rock	2:1	N/A ^(c)	N/A
	5	AECC09/AECC10	157	1.5 to 3	Esker	2:1	0.03	0
	6	AECC11/AECC12	152	<1.5	Mix	2:1	1.64	0 ^(d)
	7	AECC15/AECC16	161	<1.5	Esker	2:1	0	0
	8	AECC17/AECC18	170	<1.5	Rock	2:1	0	0
2021	1	AECC01/AECC02	118	>3	Rock	4:1	0.78	0
	2	AECC03/AECC04	132	>3	Esker	4:1	2.29	0
	3	AECC05/AECC06	136	1.5 to 3	Rock	2:1	4.23	2.08
	4	AECC07/AECC08	172	1.5 to 3	Rock	2:1	0	0
	5	AECC09/AECC10	157	1.5 to 3	Esker	2:1	0.07	0
	6	AECC11/AECC12	152	<1.5	Mix	2:1	0	0
	7	AECC13/AECC14	138	>3	Rock	2:1	0	0
	8	AECC15/AECC16	161	<1.5	Esker	2:1	0.76	0 ^(d)
	9	AECC17/AECC18	170	<1.5	Rock	2:1	0	0
	10	AECC19/AECC20	146	>3	Rock	4:1	0.15	0

> = greater than; < = less than; KM = kilometre; m = metre; UTM = Universal Transverse Mercator

a) Locations moved to 2020 locations in November 2019, part way through fall season.

b) Determined from spatial data.

c) Camera not active in spring 2020.

d) Camera likely has crossing event but could not be determined.

8.4.2 Photograph Review

Photograph review was limited to the sensitive period where caribou are likely to interact with the WTHR (spring: 1 April – 25 May; fall: 22 September – 15 December). The program Timelapse2 was used to review photographs (Greenberg and Godin 2015).

Analysis of 2020 data found that the majority of caribou detections were from time lapse images, rather than motion-triggered images (Golder 2021). Due to the open nature of the habitat along the WTHR, caribou infrequently walk directly in front of cameras, and so, infrequently activate motion-triggered images. Therefore, data from time-lapse, and not motion-triggered images were summarized across the three program years.

Individuals were not considered separate detections until either an hour had passed or until there was a distinguishable difference between separate individuals triggering the camera. Caribou behaviours (e.g., crossing, deflection, stressed, neutral, or calm) were recorded where applicable (Table 3, Appendix K, Agnico Eagle 2020a). When caribou crossing events (i.e., caribou observed on both sides of the road) were documented, the time since previous vehicle and type of previous vehicle was recorded (e.g., haul truck, heavy duty, light duty). Both time-lapse and motion-triggered images were used to determine the time of previous vehicle. The data underwent a QA/QC process, whereby caribou occurrences were reviewed to determine if species and number of individuals observed were identified correctly.

8.4.3 Data Analysis

Sampling effort or number of days each camera was considered active was determined at each camera based on time-lapse photographs. Photographs with obstructed field of view (e.g., covered with snow) were flagged and excluded from analysis and calculation of active days. An overall caribou detection rate was calculated, based on the number of individuals observed, divided by the camera station sampling effort in days for spring and fall.

A caribou crossing rate was also calculated, based on the number of individuals observed crossing the road, divided by the camera station sampling effort in days for spring and fall. To prevent double counting caribou at camera pairs, the maximum caribou and caribou crossing rate at each camera pair is presented by season.

Across years, camera pairs differed in their ability to capture caribou crossing events and traffic rates due to placement in relation to the road. In other words, some camera pairs were positioned to capture large volumes of vehicle images, while others were better positioned to capture wildlife activity adjacent to the road and captured fewer vehicle images. For this reason, there were few instances where caribou behaviour could be assessed in relation to WTHR traffic. Only events where caribou were photographed on the road, or individuals of a group were observed on either side of the road were considered crossing events. Time between caribou crossing events and vehicles detected on remote cameras was calculated.

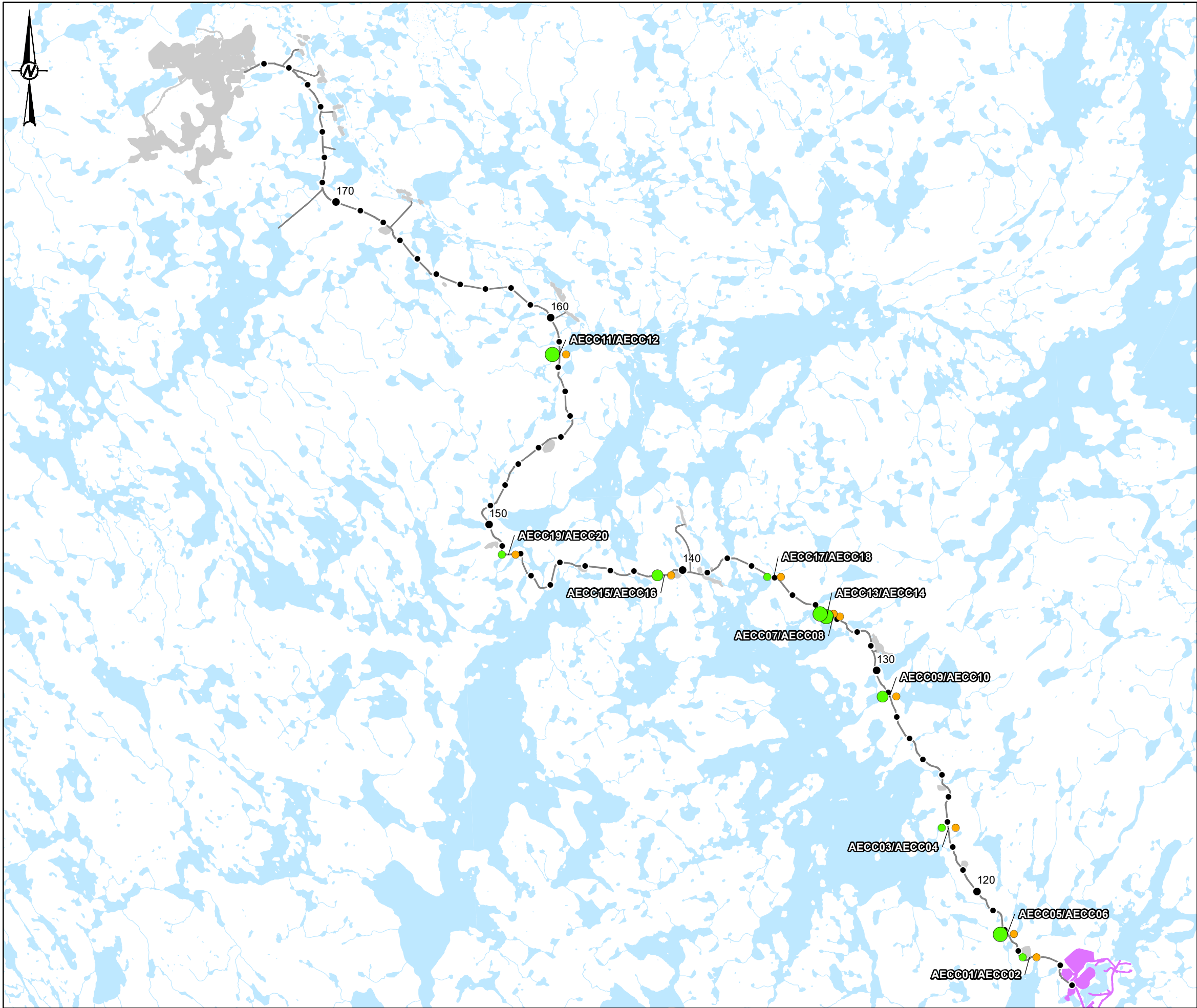
8.5 Results

Caribou were detected on time-lapse images in the spring between 10 April and 20 May 2019, 2 April and 24 May 2020, and 15 April and 25 May 2021 (Figure 19). Three caribou (0.08 caribou/day) were detected in fall 2019 at camera pair 8. There were 10 crossing events in 2020, and 3 in 2021 (Table 46). The highest caribou rates were detected in 2019, however no crossing events were observed in time-lapse images in 2019 (Table 45). Cameras in 2019 were deployed to face towards, and away from the road, and therefore had less opportunity to detect crossing events. Cameras facing away from roads contributed to high caribou rates. Crossing events were detected on the southern portion of the road closer to the Meadowbank Mine Site (Figure 18)

The majority of crossing events occurred during road closure (Table 46). The average time between crossing events and previous vehicle, including during road closures, was 23:09 hours, ranging from 2:30 to 85:10 hours. Too few crossing events were detected to statistically compare crossing rates between different road heights, backfill materials, and backfill slopes. However, crossing events occurred on cameras of all road heights, and both backfill slope categories (Table 45). Crossing events were detected on rock and esker backfills, but not mixed backfills (Table 45).

The drawbacks only analyzing time-lapse images is that caribou on motion triggered images were missed, and caribou counts may be subject to error due to distance of caribou groups from cameras. Caribou groups had to be detected on both sides of the road to count as crossing events, and some crossing events in the distance were likely missed due to the interval between time-lapse images. Adjustment of camera positions between 2019 and 2020 improved detection of crossing events, but decreased overall caribou detection rates. Adjustments made between 2020 and 2021 appeared to reduce detection of caribou crossing events on time-lapse images (Table 45).

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LEGEND
CARIBOU RATE SPRING

- 0 - 2.50
- 2.50 - 7.50
- 7.50 - 17.75

CROSSING RATE SPRING

- 0 - 0.25
- 0.25 - 1.00
- 1.00 - 2.08

- KILOMETRE MARKER
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- WATERBODY
- WATERCOURSE

0 3 6
1:150,000 KILOMETRES

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

AGNICO EAGLE

CLIENT
AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

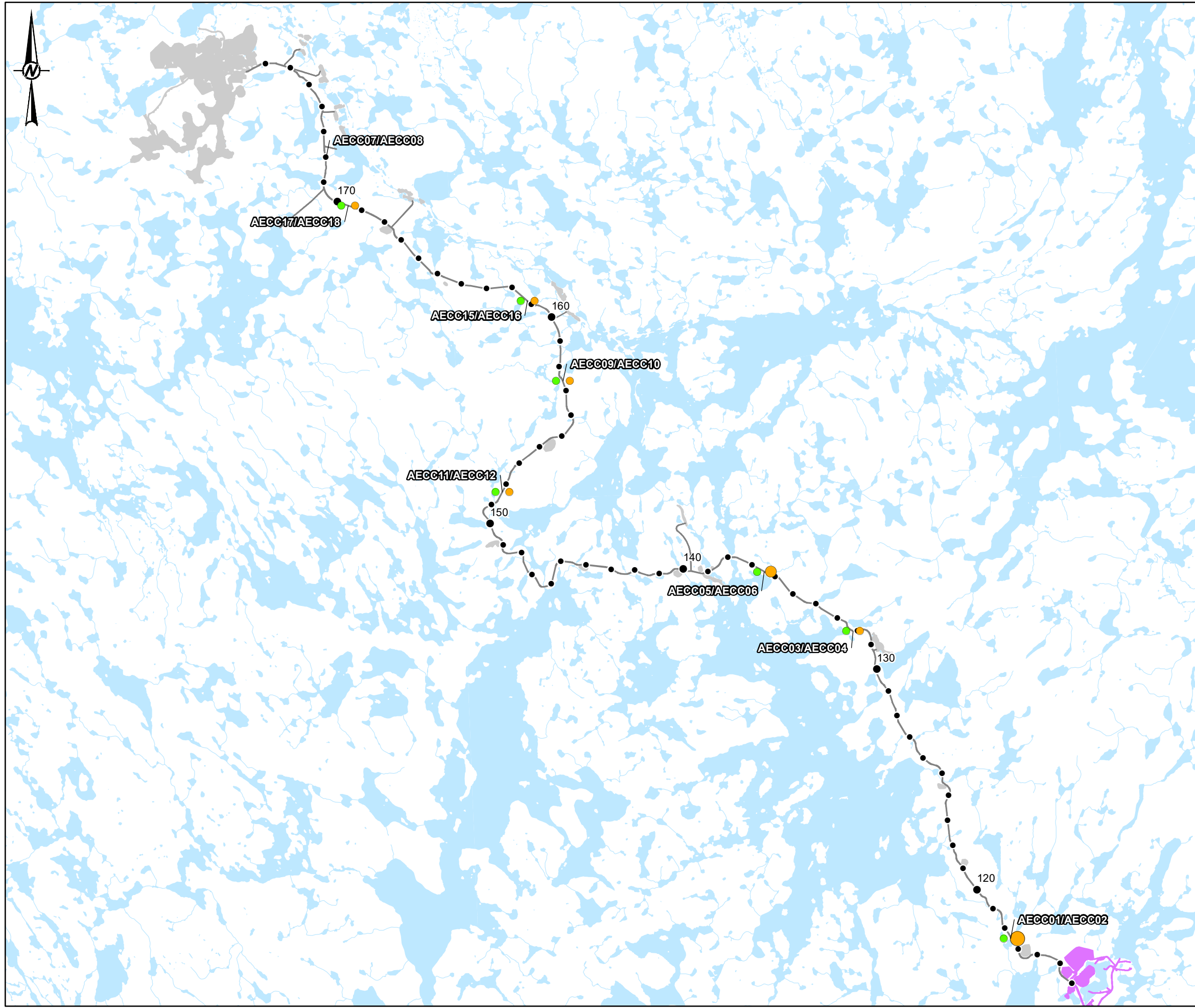
TITLE
SPRING CARIBOU DETECTION AND CROSSING RATES (2019)

CONSULTANT	YYYY-MM-DD	2022-03-24
GOLDER MEMBER OF WSP	DESIGNED	SW
	PREPARED	CDB
	REVIEWED	DC
	APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4047	0	16

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 28mm

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LEGEND

CARIBOU RATE SPRING

- 0 - 2.50
- 2.50 - 7.50
- 7.50 - 17.75

CROSSING RATE SPRING

- 0 - 0.25
- 0.25 - 1.00
- 1.00 - 2.08

- KILOMETRE MARKER
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- WATERBODY
- WATERCOURSE


0 3 6

1:150,000 KILOMETRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT


 **AGNICO EAGLE** MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE

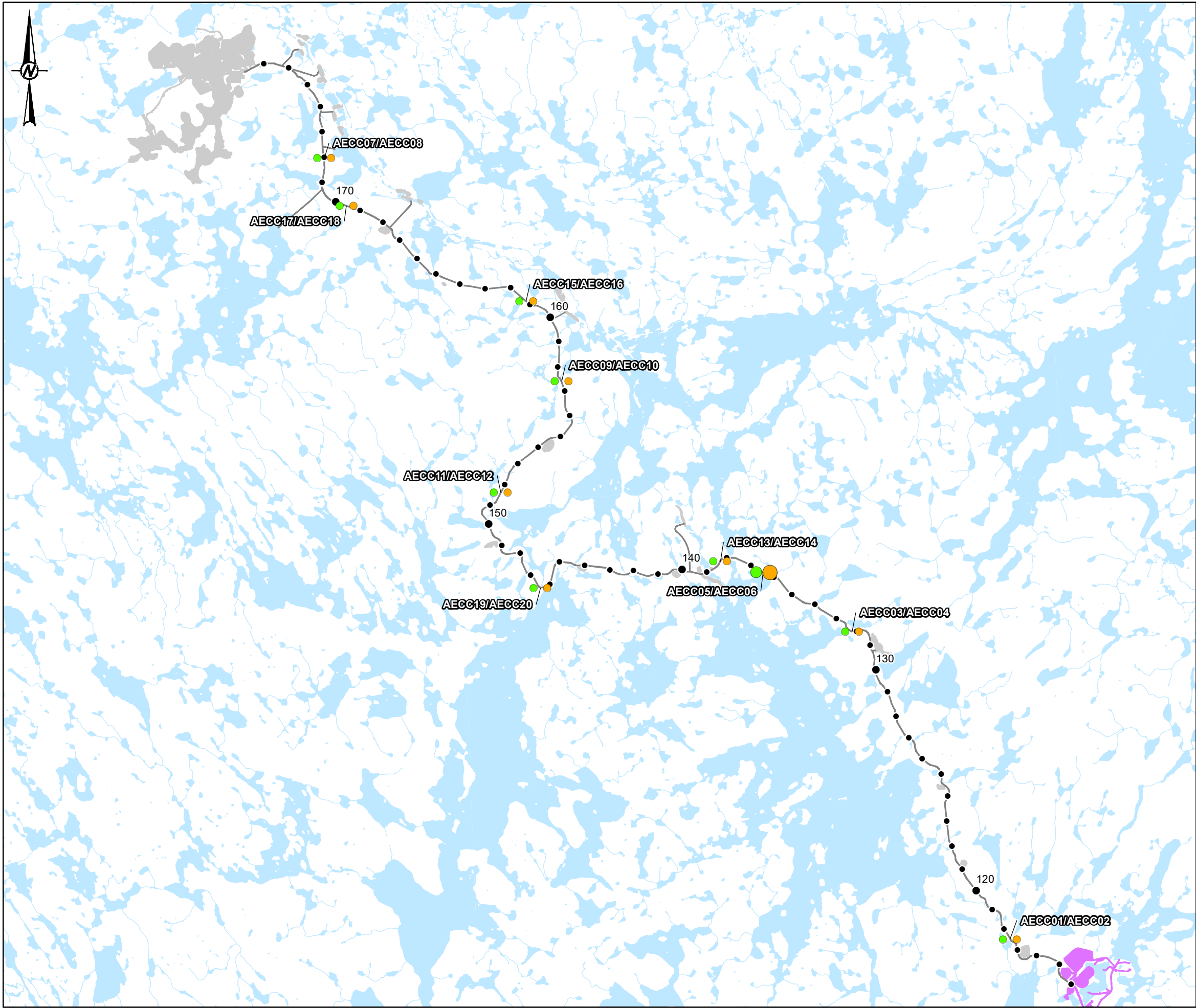
SPRING CARIBOU DETECTION AND CROSSING RATES (2020)

CONSULTANT	YYYY-MM-DD	2022-03-24
 GOLDER MEMBER OF WSP	DESIGNED	SW
	PREPARED	CDB
	REVIEWED	DC
	APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4047	0	17

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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LEGEND
CARIBOU RATE SPRING

- 0 - 2.50
- 2.50 - 7.50
- 7.50 - 17.75

CROSSING RATE SPRING

- 0 - 0.25
- 0.25 - 1.00
- 1.00 - 2.08

- KILOMETRE MARKER
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- WATERBODY
- WATERCOURSE

0 3 6
1:150,000 KILOMETRES

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

AGNICO EAGLE

CLIENT
AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE
SPRING CARIBOU DETECTION AND CROSSING RATES (2021)

CONSULTANT	YYYY-MM-DD	2022-03-24
DESIGNED	SW	
PREPARED	CDB	
REVIEWED	DC	
APPROVED	CDM	

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4047	0	18

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 28mm

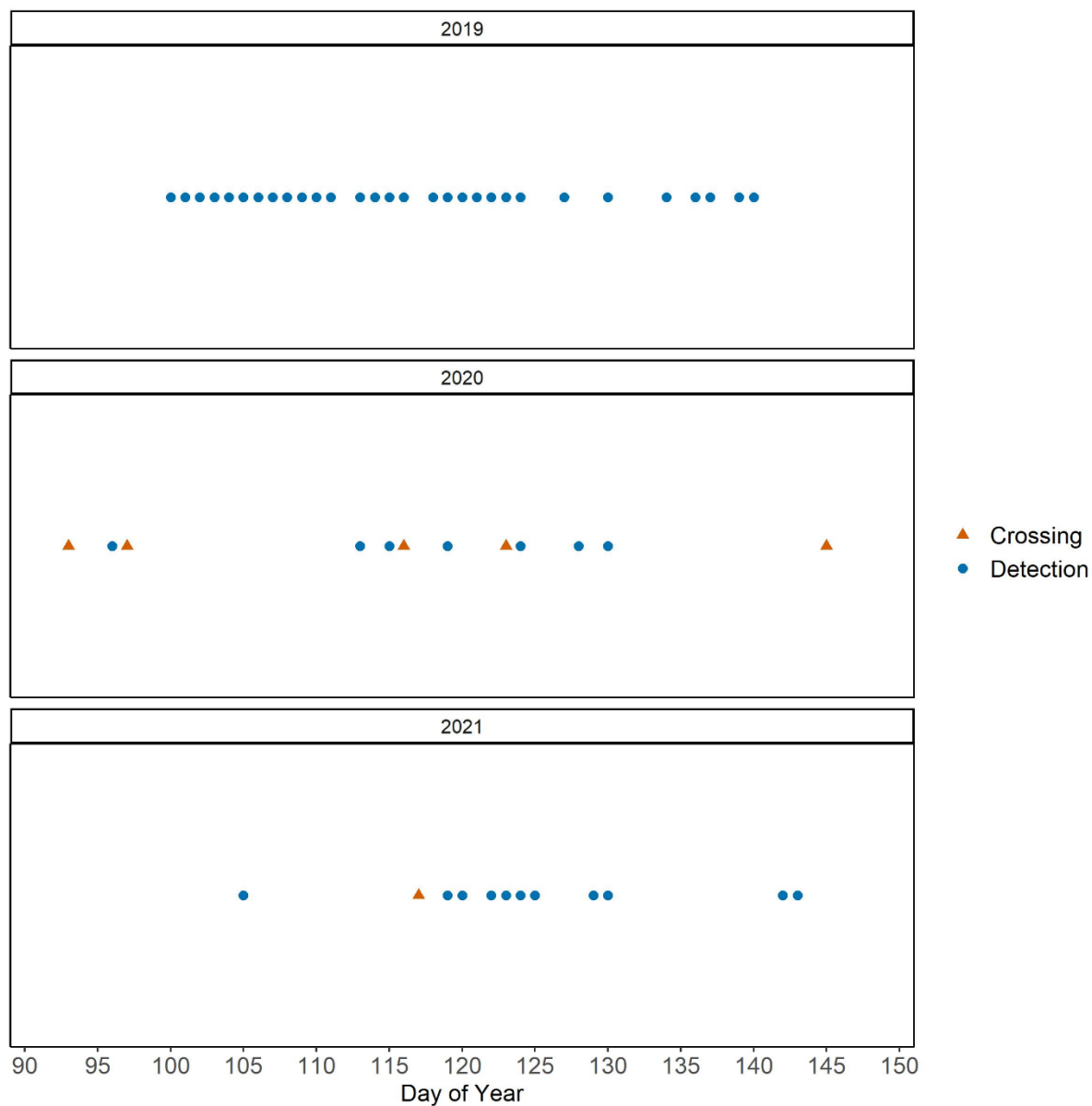


Figure 19: Date Ranges of Caribou Detections and Crossing Events from 2019 to 2021. The X-axis Represents Spring Start and End Dates (01 April to 25 May).

Table 46: Caribou Crossing Events on Remote Cameras, 2019 to 2021.

Camera Pair	Crossing Time	Number of Individuals	Vehicle Type	Time Since Vehicle (hr:mm)	Road Closure Status
2	02 April 2020 20:00:00	6	Light Duty	04:51	Closed (Caribou)
1	05 April 2020 06:00:00	2	Heavy Duty	85:10	Closed (Caribou)
3	05 April 2020 07:00:00	6	Light Duty	11:12	Closed (Caribou)
3	05 April 2020 10:00:00	9	Light Duty	14:12	Closed (Caribou)
1	06 April 2020 11:00:00	22	Convoy	17:20	Closed (Caribou)
3	25 April 2020 05:00:00	16	Unknown Vehicle ^(A)	02:30	Open (Speed Restriction)
1	02 May 2020 22:00:00	7	Light Duty	30:29	Closed (Caribou)
1	03 May 2020 04:00:00	24	Light Duty	36:29	Closed (Caribou)
1	03 May 2020 05:00:00	6	Light Duty	37:29	Closed (Caribou)
1	24 May 2020 05:00:00	7	Haul Truck	48:54	Closed (Weather)
3	27 April 2021 05:30:00	100 ^(B)	Grader	03:45	Closed (Weather)
3	29 April 2021 22:30:00	5	Heavy Duty	03:47	Closed (Weather)
3	29 April 2021 23:30:00	7	Heavy Duty	04:47	Closed (Weather)

A) Could not be identified due to lighting conditions, only vehicle lights observed.

B) Approximate count, caribou far from camera location.

8.6 Management Recommendations

The number of detections across the three program years did not allow statistical analysis of the time between vehicle disturbance and caribou road crossing events, or differences in crossing rates across road attributes. Remote cameras are suitable method for determining caribou response to vehicle traffic, however, detections of caribou on remote cameras have been relatively low across years.

Crossing events from road surveys or incidental observations could also be linked to road attributes to increase understanding of how road heights, backfill materials, and backfill slopes influence road crossing locations. Information collected during caribou behaviour surveys can be used to inform caribou response to vehicle disturbance, however these surveys do not specifically target time between vehicle traffic and road crossing.

The future of the remote camera program should be discussed with the TAG. The remote camera program is unlikely to contribute to adaptive management, unless many more cameras are deployed across the WTHR, and potentially the AWAR to increase the number of caribou crossing event detections. This would require significantly more effort to deploy and maintain cameras and to review camera photos. Motion triggered images could potentially be reviewed to identify caribou detections and crossing rates that occur close to cameras.

9.0 BLAST MONITORING

9.1 Overview

The purpose of the blast monitoring program is to measure vibration and overpressure from explosive blasts at the Whale Tail Pit and to understand how blasting vibration relates to caribou behaviour. The program aims to establish site-specific relationships between vibration and overpressure levels and blasting parameters (e.g., charge mass, charge depth), environmental conditions (e.g., seasonal variation), and propagation distances. The program includes monitoring of caribou sensory disturbance related to blasting.

Blasting is required to be delayed when caribou or other wildlife are observed within the blast danger zone (typically 600 m from the blast centre). According to the TEMP, blasting is also delayed when caribou GST is observed within 4 km during the sensitive season, or within 5 km during the calving period, or when muskox GST is observed within 1 km (Agnico Eagle 2019). Following discussion with the TAG, the distance was relaxed to 3 km for caribou during the sensitive season, and 5 km during the calving period, to better understand effects to caribou from blasting. The Environment Department performs monitoring prior to each blast to ensure no caribou groups exceeding GST are present within these setback distances.

9.2 Objectives

The purpose of the blast monitoring program is to determine if blasts conducted at the Whale Tail Pit exceed vibration annoyance or damage thresholds, understand blasting vibration and overpressure attenuation and to characterize the behavioural response of caribou to blasting.

9.3 Duration

Blast measurement data collected in 2021 were used to determine site-specific relationships between overpressure and vibration and blasting parameters. Caribou behaviour monitoring will continue until a sufficient sample size of caribou behaviour at different distances from blasting is collected and assessed in relation to blasting parameters.

This report presents analysis of blast measurement data collected between December 20, 2020 and August 6, 2021. Blast measurement data collected from 11 blasts performed in 2020 are presented in Golder (2021).

9.4 Methods

9.4.1 Blast Monitoring and Data Analysis

Vibration and overpressure from explosive blasting was analyzed using two measurement parameters:

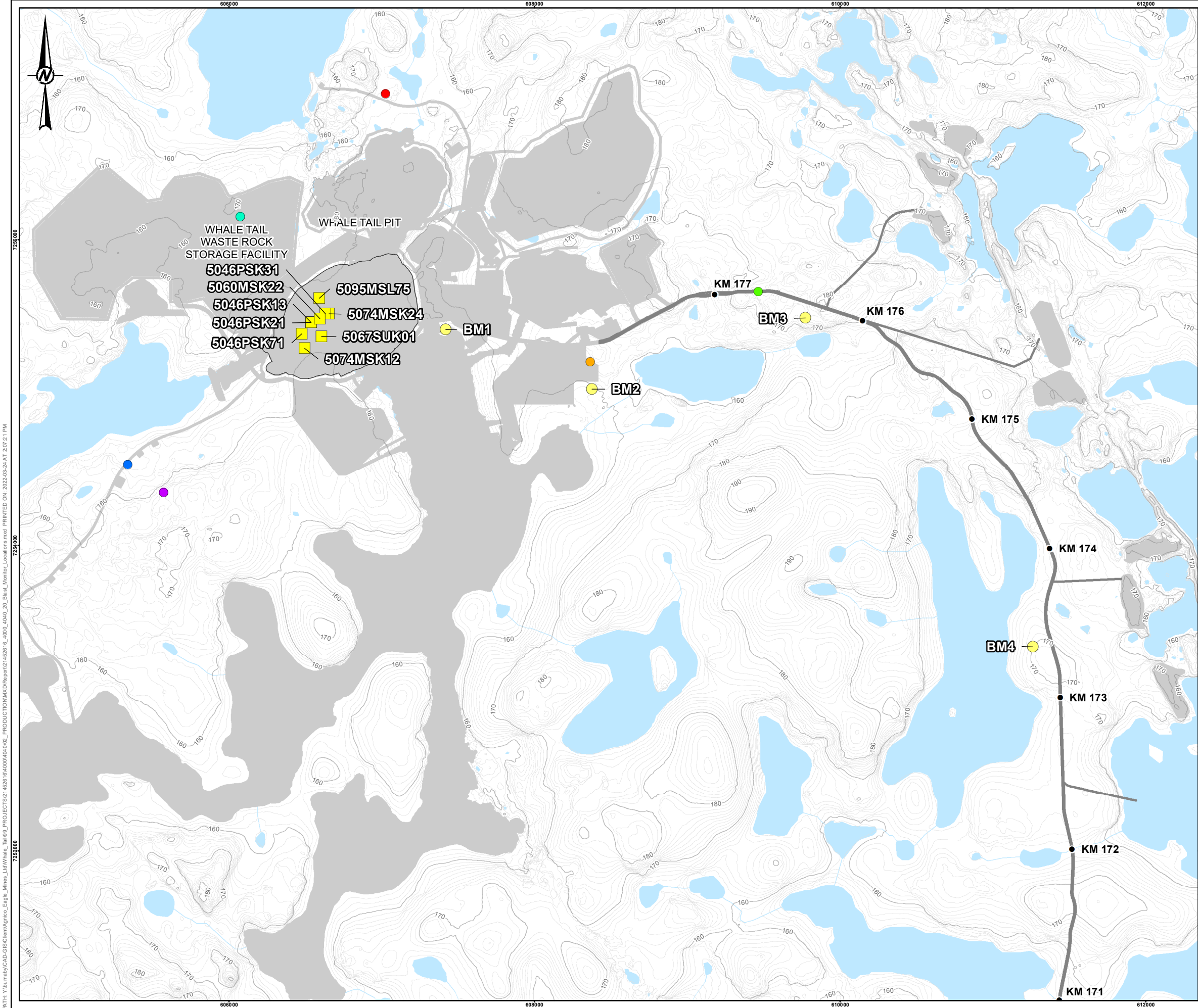
- Peak Particle Velocity (PPV), which characterizes ground vibration (i.e., physical shaking of the ground as a result of an explosive blast). PPV values were measured in millimetres per second (mm/s).
- Peak Pressure Level (PPL), which characterizes airblast overpressure (i.e., movement of air as a result of an explosive blast). PPL values were measured in linear decibels (dBL).

The blast monitoring program used InstanTel Minimate® units (Model No. 716A3001) to measure vibration levels during blasting. The Minimate® units used triaxial geophones to measure PPV (for the characterization of ground vibration) and linear microphones to measure PPL (for the characterization of airblast overpressure).

The blast monitors were deployed at four different locations around the Whale Tail Pit to characterize attenuation in blasting vibration levels with propagation distance. Table 47 presents location information for the four blast monitors. The locations of blast monitors are also shown in Figure 15. Monitoring locations were selected to be generally downwind from the Whale Tail Pit, based on prevailing wind conditions in the area. Downwind conditions tend to enhance propagation of airborne pressure waves, so using monitoring locations downwind from the blast site is a conservative approach to characterizing airblast overpressure.

Table 47: Blast Monitoring Locations

Blast Monitor	Universal Transverse Mercator Coordinates [Zone 14]		Approximate Distance to Centre of Whale Tail Pit [m]
	Easting [m]	Northing [m]	
BM1	607418	7255413	500
BM2	608376	7255023	1,500
BM3	609772	7255489	3,000
BM4	611261	7253335	5,000



LEGEND

- BLASTING LOCATION
- BLASTING MEASUREMENT LOCATION
- CARIBOU LOCATION (DURING BLAST)**
 - 8/19/2021
 - 8/22/2021
 - 9/28/2021
 - 5/28/2021
 - 5/6/2021
 - 6/4/2021
- KILOMETRE MARKER
- CONTOUR (1 m)
- CONTOUR (10 m)
- WATERCOURSE
- WATERBODY
- WHALE TAIL MINE SITE
- HAUL ROAD

0 500 1,000
1:25,000 METRES

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
3. CONTOUR DATA OBTAINED FROM PHOTOSAT (2015).
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT **AGNICO EAGLE**
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE
BLASTING MEASUREMENT LOCATIONS

CONSULTANT	YYYY-MM-DD	2022-03-24
GOLDER MEMBER OF WSP	DESIGNED	SW
	PREPARED	CDB/LH/MH
	REVIEWED	DC
	APPROVED	CDM

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	20

The general relationship between ground vibration (PPV; mm/s), charge mass (Q; kg), and propagation distance (D; m) is expressed by the following formula, where k_1 is a unitless “site constant” and e_1 is a unitless “site exponent” (Richards and Moore 1995). The k_1 and e_1 parameters are used to represent site-specific conditions that can influence the propagation of ground vibration.

$$PPV = k_1 \left(\frac{D}{\sqrt[3]{Q}} \right)^{-e_1}$$

Representative site-specific values for k_1 and e_1 were established by application of statistical regression to PPV measurement data collected between December 20, 2020 and August 6, 2021. The regression analysis was first applied to the complete PPV data set to obtain general estimates for the k_1 and e_1 parameters. To investigate potential seasonal differences in the propagation of ground vibration, the full PPV data set was split according to season and the regression analysis repeated to obtain separate estimates of the k_1 and e_1 parameters for each season. Similarly, to investigate potential differences in ground vibration based on charge depth, the full PPV data set was split into “shallow” charges and “deep” charges, and the regression analysis was repeated to obtain separate estimates of the k_1 and e_1 parameters for shallow-charge and deep-charge blasting scenarios.

The general relationship between airblast overpressure (PPL; dBL), charge mass (Q; kg), and propagation distance (D; m) is expressed by the following formula, where k_2 is a unitless “site constant” and e_2 is a unitless “site exponent” (Richards and Moore 1995). The k_2 and e_2 parameters are used to represent site-specific conditions that can influence the propagation of airblast overpressure.

$$PPL = 20 \log_{10} \left(k_2 \left(\frac{D}{\sqrt[3]{Q}} \right)^{-e_2} \right) + 94$$

Representative site-specific values for k_2 and e_2 were established by application of statistical regression to PPL measurement data collected between December 20, 2020 and August 6, 2021. The regression analysis was first applied to the complete PPL data set to obtain general estimates for the k_2 and e_2 parameters. To investigate potential seasonal differences in the propagation of airblast overpressure, the full PPL data set was split according to season and the regression analysis repeated to obtain separate estimates of the k_2 and e_2 parameters for each season. Similarly, to investigate potential differences in airblast overpressure based on charge depth, the full PPL data set was split into “shallow” charges and “deep” charges, and the regression analysis was repeated to obtain separate estimates of the k_2 and e_2 parameters for shallow-charge and deep-charge blasting scenarios.

There are few if any guidelines intended to address sensory disturbance to wildlife from explosive blasting. In the absence of wildlife-specific threshold or limits, guidelines for damage and human annoyance due to blasting were used as a starting point for assessment of potential impacts to caribou. The caribou hearing threshold for low frequency noise is higher than humans, meaning that humans may be able to detect blasting related PPL at greater distances than caribou (Agnico Eagle 2019). According to IQ, caribou may be able to detect blasting vibrations at greater distances than humans.

Most guideline limits on PPV and PPL from blasting are intended to protect against minor cosmetic damage to buildings and other structures. For example, the Environment and Climate Change Canada (ECCC) *Environmental Code of Practice for Metal Mines* (Environment Canada 2009) recommends that PPV be limited to 12.5 mm/s and PPL be limited to 128 dBL at nearby receptors. Another document commonly referenced in blasting assessments is the Australian and New Zealand Environment Council (ANZEC) *Technical Basis for*

Guidelines to Minimise Annoyance Due to Blasting Overpressure and Ground Vibration (ANZEC 1990). To protect against human annoyance, the ANZEC document recommends that PPV be limited to 5 mm/s and PPL be limited to 115 dBL at nearby receptors.

9.4.2 Caribou Behaviour Monitoring

The same general approach to caribou behaviour monitoring for blast monitoring was used as for other caribou behaviour monitoring for Meadowbank (Section 17.2). Surveys were opportunistic in nature, and required groups of caribou to be present during blast events. The overall method for blasting monitoring was to identify caribou groups in proximity to blasting locations prior to blast events, and recording behaviours of individuals every 3 minutes for 30 minutes before blasting, and a 30-minute period beginning at the blast. The behaviour categories were feeding, lying down, standing, alert, walking, and trotting or running. In the case that a different form of disturbance event occurred during the survey, such as a vehicle driving on the road, the time and type of disturbance was recorded. Videos were recorded during blast events to document changes in caribou behaviour.

Due to challenges locating caribou groups that could be monitored near blasts for long enough periods, not all surveys had data collected before, during, and after blasts. Behaviour surveys were time corrected to align before, during, and after blasts with blast timing. For example, if a blast was performed 3 minutes into a 30-minute survey, the 3-minute interval would be corrected to 0 minutes (i.e., during blast), and subsequent minutes would be reclassified as after the blast. Therefore, full thirty-minute monitoring periods were not available on all survey days where behaviour monitoring was performed. Proportions of the caribou groups performing different behaviours were summarized by the three-minute periods before, during, and after blasts. Three-minute intervals alone may not represent the entire caribou response to blasting, however this interval was chosen to increase sample size of comparisons, and standardize comparisons across days.

For days where blasting events could be tied to caribou behaviour monitoring surveys, the proportion of caribou performing each behaviour in thirty-minute behaviour monitoring surveys following blasts were assessed in relation to modelled PPL and PPV levels. Locations of caribou groups that could be linked to blast events are shown in Figure 20.

9.5 Results

9.5.1 Historical Results

Blasting measurements were collected using four InstanTel Minimate units in August, September, and December 2019 (Golder 2020a). Only two of the four Minimate units were outfitted with linear microphones per available equipment, therefore PPL could only be measured at 2 locations (R1 and R2). All measured PPV values were below the 12.5 mm/s damage threshold (Environment Canada 2009) and well-below the 5 mm/s annoyance threshold (ANZEC 1990). All but one of the measured PPL values were below the 128 dBL damage threshold (Environment Canada 2009). Seven of the 12 blasts measured during the first year of the program resulted in PPL values above the 115 dBL annoyance threshold (ANZEC 1990) at the measurement location approximately 500 m from the edge of the Whale Tail Pit. This suggests that airblast overpressure may result in annoyance impacts at receptors in close proximity to the blast site. Recommendations from the 2019 program included procurement of linear microphones to allow collection of PPL at all four locations, use of external power sources that would allow for deployments to log data from multiple blasts, and enclosing units in rugged outdoor cases that would protect them from the elements. Future PPL measurements at more distant locations were recommended to characterize the maximum distance to which PPL-related annoyance impacts may extend.

The 2020 blast monitoring program was limited due to COVID-19 (Golder 2021). Eleven blast events were monitored at two locations by Agnico Eagle in December 2020. Caribou were observed sporadically during pre-blast monitoring in spring and fall 2020. There was one instance where blasting was canceled (4 April 2020) due to observation of 25 caribou approximately 2 km from the Whale Tail Pit.

Two blasts in 2020 exceeded the PPV annoyance threshold of 5 mm/s (ANZEC 1990), and one blast exceeded the 12.5 mm/s damage threshold (Environment Canada 2009) at the measurement location closest to the Whale Tail Pit. This suggests that ground vibration from blasting may result in annoyance impacts at receptors close to the blast site. Results from 2020 contrast results from 2019, where no blasts exceeded annoyance or damage thresholds.

All blasts measured resulted in PPL values below the 128 dBL damage threshold (Environment Canada 2009). However, the 115 dBL annoyance threshold (ANZEC 1990) was exceeded for 5 of the 11 blasts at the measurement location 193 m from the Whale Tail Pit, and 2 of the 11 blasts for the measurement location 569 m from the Whale Tail Pit. This suggests that airblast overpressure from blasting may result in annoyance impacts at receptors in close proximity to the blast site as the monitoring locations (193 m and 569 m from pit edge) are closer to the blast site than the 4 km caribou distance threshold. Results from 2020 are similar to 2019 results, with the exception of a single blast exceeding damage thresholds in 2019 (Golder 2020a).

9.5.2 Blast Monitoring

Vibration measurements were collected for 139 blasts between December 20, 2020 and August 6, 2021 within the scope of the blast monitoring program, resulting in a total of 247 individual PPV measurements and 174 individual PPL measurements suitable for analysis. Note the number of individual measurements is less than the 556 data points that might be expected given four monitoring units measuring vibration from 139 blasts (i.e., $4 \times 139 = 556$). This primarily is because the monitoring units were configured to collect measurements when PPV or PPL exceeded a trigger level, and the trigger level had to be set high enough to avoid a large number of “false positives” (i.e., measurements collected in response non-blasting events/activities). Consequently, the more-distant monitors (i.e., BM3 and BM4) did not log measurements in response to some blasts because the PPV or PPL at these locations was too low to trigger the monitoring unit.

Table 48 presents a summary of the individual PPV and PPL measurements collected between December 20, 2020 and August 6, 2021. Table 48 presents the total number of PPV and PPL measurements, as well as a seasonal and depth-based breakdown of the measurement data. The specific breakdown for the seasonal analysis of blast data was established for consistency with the caribou activity periods (Table 1). The depth-based breakdown used a charge depth of 70 m below grade as a threshold for separating “shallow” blasts and “deep” blasts. Any charge detonated less than 70 m below grade was classified as “shallow” and any charge detonated more than 70 m below grade was classified as “deep”. The selection of 70 m as a depth threshold was established to divide the PPV dataset approximately in half.

Table 48: Blast Measurement Summary

Measurement Parameter	Number of Measurements						
	Total – All Blasts	Seasonal Breakdown				Depth Breakdown	
		Spring Migration (Apr. 1 to May 25)	Summer (May 26 to Sep. 21)	Fall Rut / Migration (Sep. 22 to Dec. 15)	Winter (Dec. 16 to Mar. 31)	Shallow Charge (<70 m Below Grade)	Deep Charge (>70 m Below Grade)
PPV (ground vibration)	247	59	90	11	87	110	137
PPL (airblast overpressure)	174	49	42	11	72	69	105

Table 49 presents k_1 and e_1 parameter values established through regression analyses of the PPV measurement data. Parameter values are presented for a regression analysis on all blasts and for seasonal and depth-based regression analyses. Table 49 also presents the upper and lower 95% confidence interval (CI) on each k_1 and e_1 estimate. Figure 21 and Figure 22 present graphs of PPV versus propagation distance for a charge mass of 40,000 kg, which is the approximate average of all 139 blasts measured between December 20, 2020 and August 6, 2021. The curves plotted in Figure 21 and Figure 22 were established using the k_1 and e_1 parameter values from Table 49 and the PPV formula from Section 9.4.1.

Table 49: Site Constants and Site Exponents for Ground Vibration Formula

Analysis Scenario	Breakdown	Site Constant for Ground Vibration Formula: k_1			Site Exponent for Ground Vibration Formula: e_1		
		Best Fit	Lower 95% Confidence	Upper 95% Confidence	Best Fit	Lower 95% Confidence	Upper 95% Confidence
All Blasts		10.290	7.712	13.729	0.968	1.096	0.840
Seasonal	Spring	16.264	9.131	28.968	1.454	1.724	1.185
	Summer	9.663	6.348	14.709	0.836	1.016	0.657
	Fall	5.141	2.154	12.273	0.671	1.181	0.161
	Winter	11.908	7.441	19.057	0.967	1.173	0.761
Charge Depth	Shallow Charge	7.987	5.439	11.728	0.872	1.043	0.701
	Deep Charge	14.656	9.468	22.688	1.105	1.299	0.911

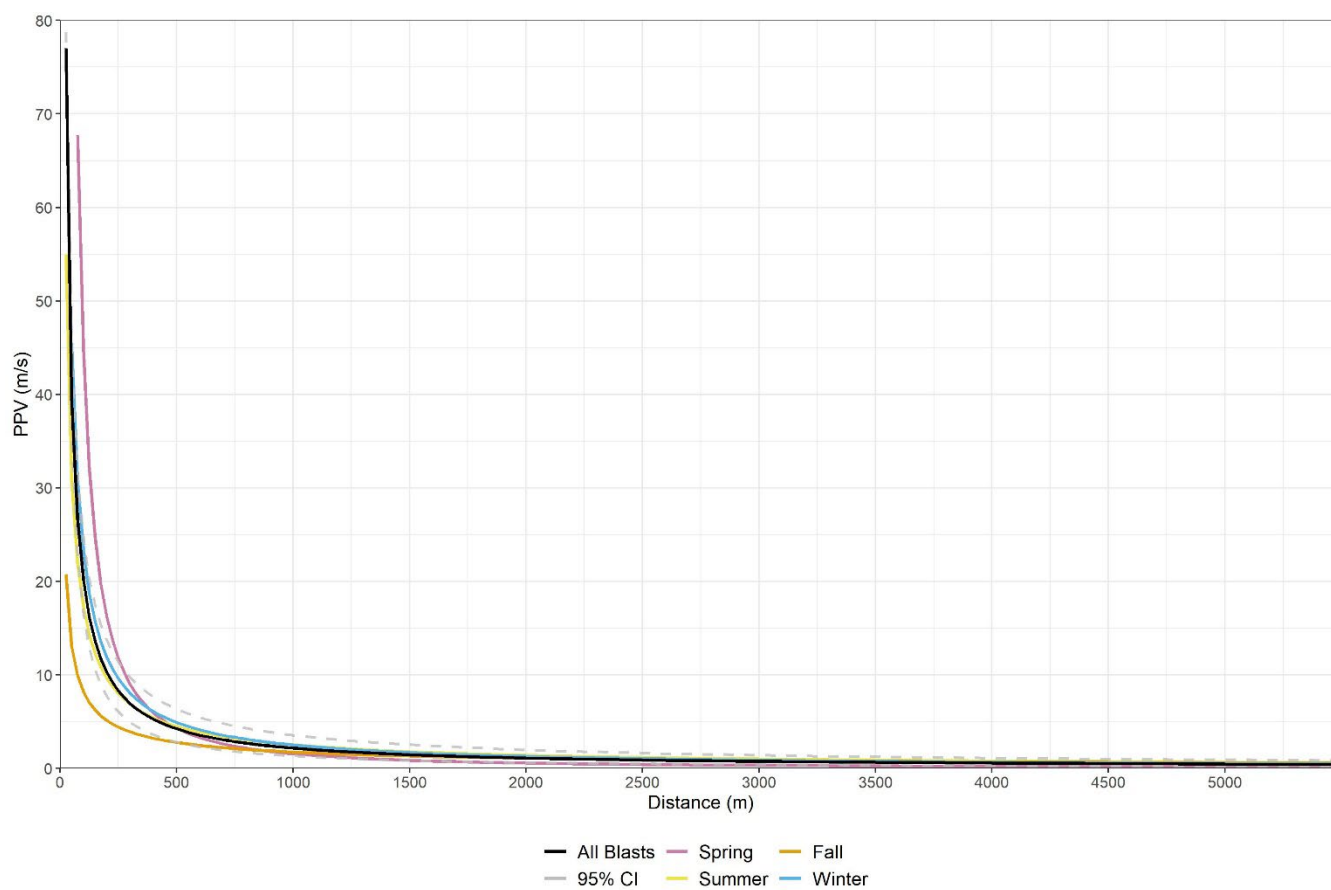


Figure 21: Ground Vibration versus Distance - Seasonal Analysis

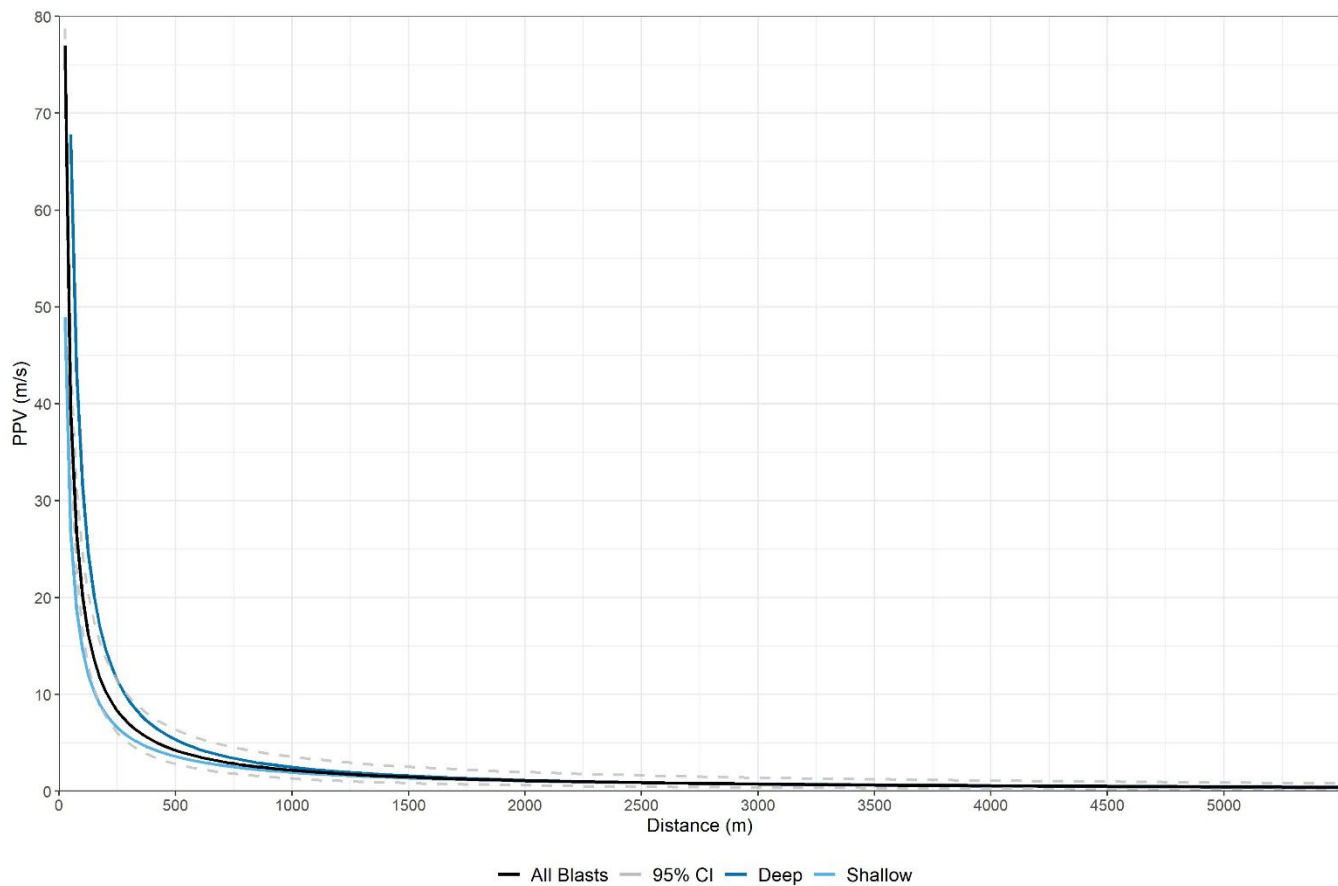


Figure 22: Ground Vibration versus Distance - Depth Analysis

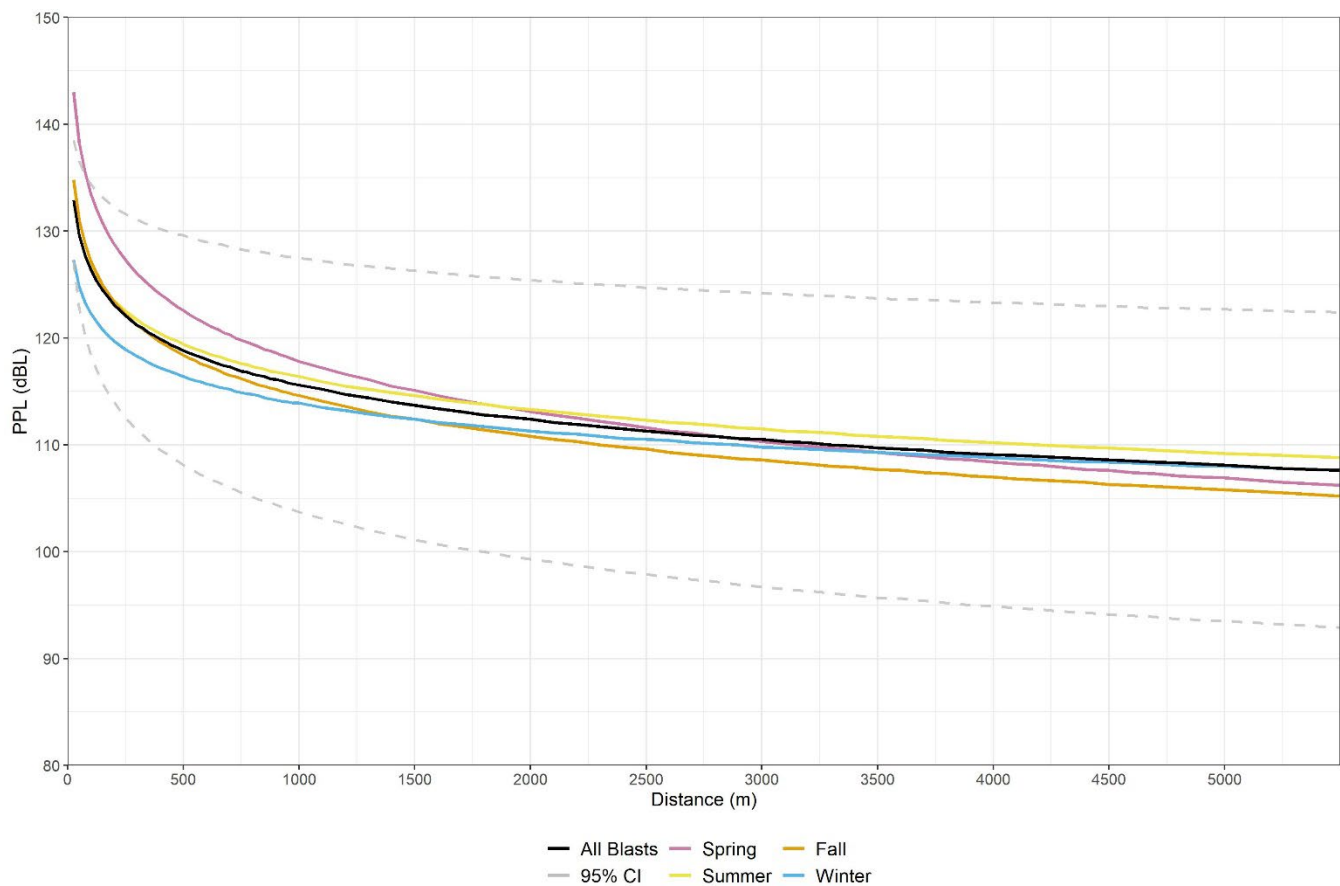
Figure 21 presents a PPV versus distance curve estimated based on all blast measurements alongside PPV versus distance curves estimated based on the seasonal breakdown. The curves in Figure 21 suggest there may be seasonal differences in the way PPV propagates into the environment, especially for locations relatively close to the blast site (e.g., within about 500 m of the blast). In close proximity to the blast site, PPV levels appear to be higher during the spring and winter seasons than during the summer and fall seasons.

Figure 22 presents a PPV versus distance curve estimated based on all blast measurements alongside PPV versus distance curves estimated based on the depth-based breakdown. The curves in Figure 22 suggest there may be depth-based differences in the way PPV propagates into the environment. For locations relatively close to the blast site, PPV levels from deep charges appear to be higher than PPV levels from shallow charges.

Table 50 presents k_2 and e_2 parameter values established through regression analyses of the PPL measurement data. Parameter values are presented for a regression analysis on all blasts and for seasonal and depth-based regression analyses. Table 50 also presents the upper and lower 95% CI on each k_2 and e_2 estimate. Figure 23 and Figure 24 present graphs of PPL versus propagation distance for a charge mass of 40,000 kg, which is the approximate average of all 139 blasts measured between December 20, 2020 and August 6, 2021. The curves plotted in Figure 23 and Figure 24 were established using the k_2 and e_2 parameter values from Table 50 and the PPL formula from Section 9.4.1.

Table 50: Site Constants and Site Exponents for Airblast Overpressure Formula

Analysis Scenario	Breakdown	Site Constant for Airblast Overpressure Formula: k_2			Site Exponent for Airblast Overpressure Formula: e_2		
		Best Fit	Lower 95% Confidence	Upper 95% Confidence	Best Fit	Lower 95% Confidence	Upper 95% Confidence
All Blasts		74.305	36.414	151.620	0.539	0.733	0.345
Seasonal	Spring	220.720	62.223	782.944	0.785	1.129	0.441
	Summer	73.536	16.005	337.869	0.510	0.920	0.099
	Fall	90.565	0.447	18364.040	0.632	2.157	-0.892
	Winter	40.805	14.107	118.030	0.421	0.710	0.132
Charge Depth	Shallow Charge	75.028	31.141	180.762	0.532	0.772	0.292
	Deep Charge	71.660	20.487	250.649	0.544	0.882	0.205

**Figure 23: Airblast Overpressure versus Distance - Seasonal Analysis**

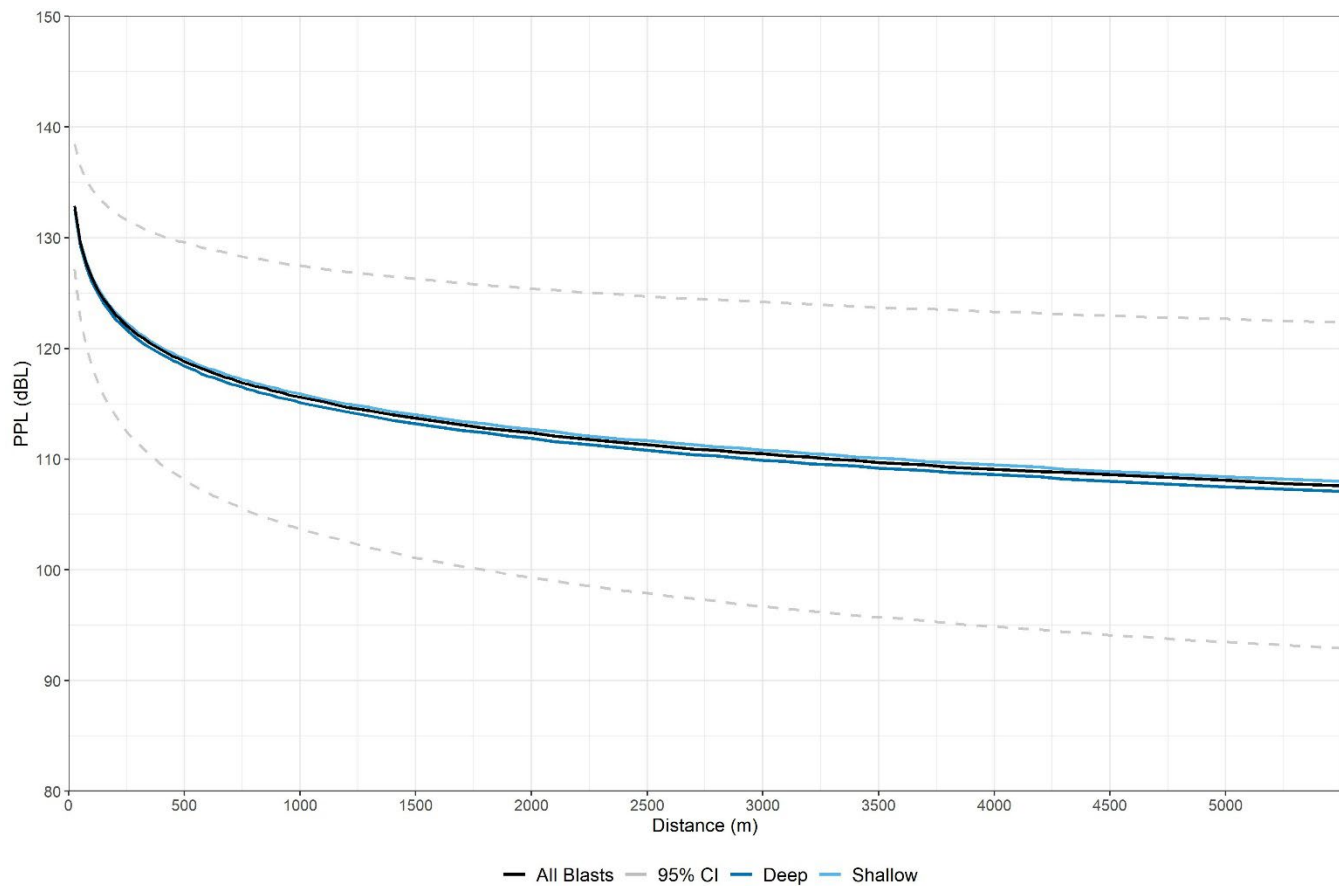


Figure 24: Airblast Overpressure versus Distance - Depth Analysis

Figure 23 presents a PPL versus distance curve estimated based on all blast measurements alongside PPL versus distance curves estimated based on the seasonal breakdown. The curves in Figure 23 do not suggest a seasonal difference in the way PPL propagates into the environment.

Figure 24 presents a PPL versus distance curve estimated based on all blast measurements alongside PPL versus distance curves estimated based on the depth-based breakdown. The curves in Figure 24 do not suggest a depth-based difference in the way PPL propagates into the environment.

The largest blast measured between December 20, 2020 and August 6, 2021 had a charge mass of 178,665 kg. Figure 25 presents a PPV versus distance curve for this maximum charge mass, calculated using the “all blasts” k_1 and e_1 parameter values from Table 49. For reference, the ECCC threshold for cosmetic damage (12.5 mm/s) and the ANZECC threshold for human annoyance (5 mm/s) are also plotted in Figure 25. The PPV curve falls below the ECCC threshold approximately 350 m from the blast site and falls below the ANZECC threshold approximately 900 m from the blast site. This suggests that human receptors located more than 900 m from the Whale Tail Pit are unlikely to be annoyed by ground vibration from even the largest blasts.

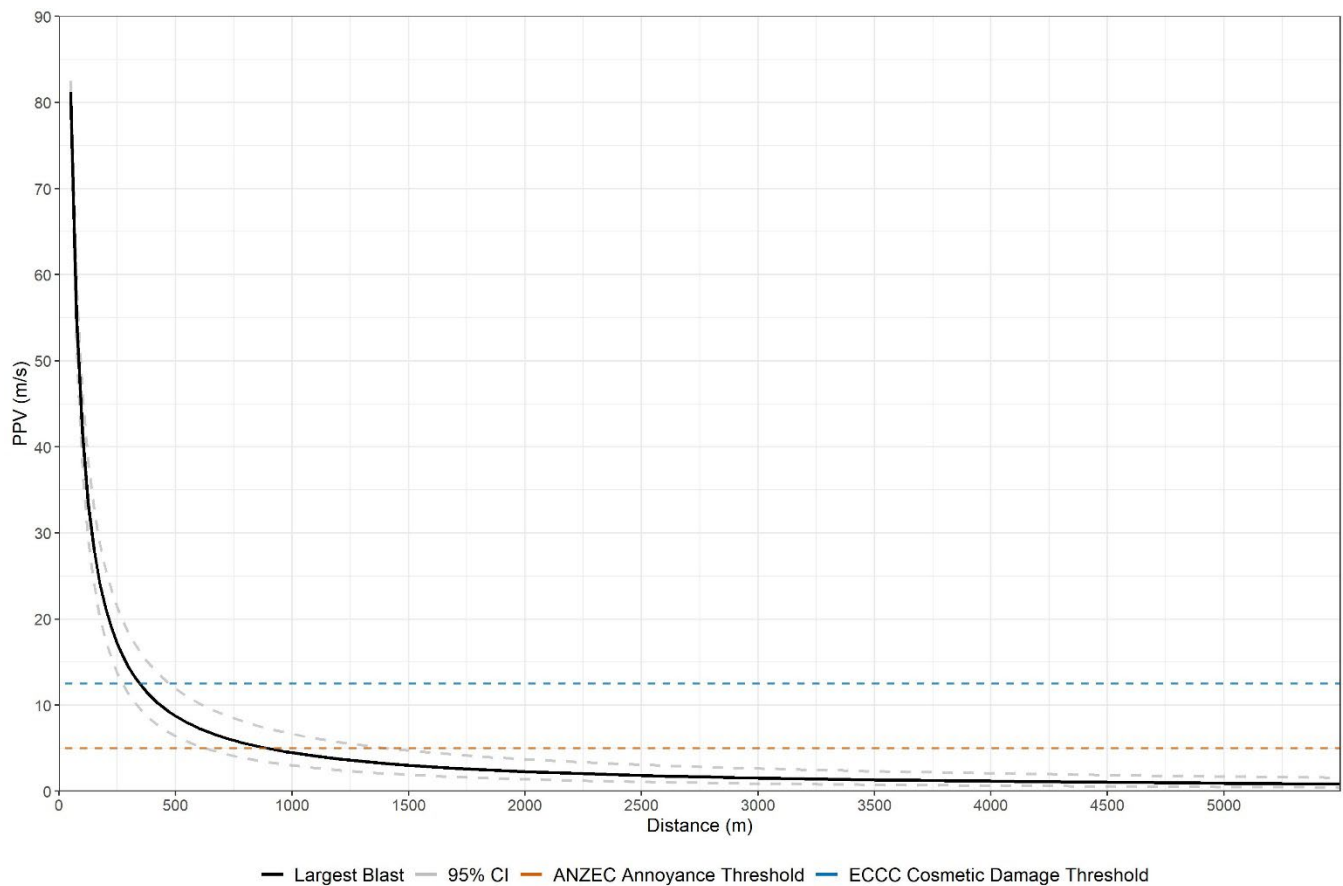


Figure 25: Ground Vibration versus Distance for the Largest Blast Measured On-Site

Figure 26 presents a PPL versus distance curve for the maximum charge mass measured on-site (178,665 kg), calculated using the “all blasts” k_2 and e_2 parameter values from Table 50. For reference, the ECCC threshold for cosmetic damage (128 dBL) and the ANZECC threshold for human annoyance (115 dBL) are also plotted in Figure 26. The PPL curve falls below the ECCC threshold approximately 125 m from the blast site and falls below the ANZECC threshold approximately 1,900 m from the blast site. This suggests that human receptors located more than 1,900 m from the Whale Tail Pit are unlikely to be annoyed by airblast overpressure from even the largest blasts.

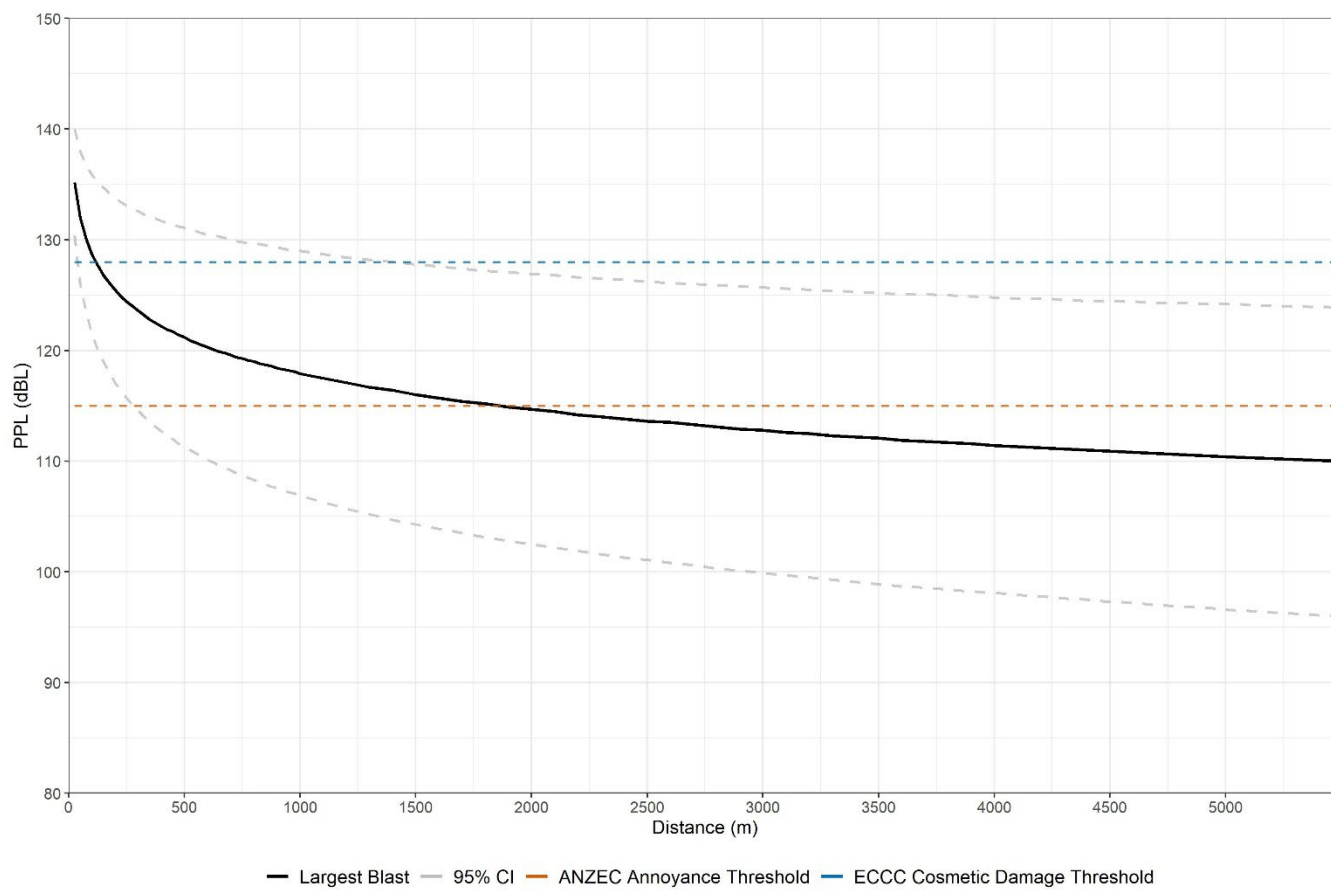


Figure 26: Airblast Overpressure versus Distance for the Largest Blast Measured On-Site

9.5.3 Caribou Behaviour Monitoring

Pre-blast surveys for caribou were performed on 165 days between 3 January to 16 December 2021 (Table 51; Appendix G). Dates of pre-blast surveys are provided in Appendix G. Of the 165 surveys, 132 surveys yielded no species. Caribou were observed on 36 surveys, and Muskox were observed during one survey. No blasts had to be cancelled due to caribou GST exceedance in proximity to the Meadowbank Complex. One blast was cancelled, on 11 September 2021, due to six caribou present within 600 m of the blast.

Table 51: Number of Pre-blast Caribou Surveys Performed in 2021.

Month	Number of Surveys
January	11
February	12
March	19
April	12
May	17
June	16
July	17
August	18
September	17
October	13
November	9
December	8
Total	169

Caribou behaviour monitoring occurred during 14 blast days between 6 May 2021 and 22 October 2021. Three monitoring sessions were performed in spring, nine in summer, and two in fall. Precise locations of caribou could be linked to blast locations on six days (Table 52). Recorded locations of the remaining monitoring events were too imprecise for analysis. The modelled PPV and PPL values for each blast are presented in Table 52. All modelled values were below the annoyance thresholds of PPV of 5 mm/s. All modelled values for PPL were below the annoyance threshold of 115 dBL, however the upper 95% confidence interval overlapped the annoyance threshold for all blasts (Table 52). Two blasts occurred on 6 May, 22 August, and 28 September 2021. Of these three days with two blasts, the largest combined modelled PPL was observed on 22 August (112.2 dBL, 95% confidence interval = 99.1 – 125.3 dBL), and the largest combined modelled PPV was observed on 6 May (0.940 m/s, 95% confidence interval = 0.51 – 1.72 m/s).

Table 52: Blasting Events with Caribou Behaviour Monitoring Data Available.

Blast Date	Blast Number	Quantity Explosive (kg)	Blast Elevation (m)	Caribou Group Size	Distance Between Caribou Group and Blast (m)	Predicted PPV (m/s) and 95% Confidence Interval ^(A)	Predicted PPL (dBL) and 95% Confidence Interval ^(A)
6 May 2021	5067SUK01	14,701	67	20	2,873	0.49 (0.25 – 0.98)	109.2 (95.0 – 123.4)
6 May 2021	5074MSK12	41,186	74	20	2,991	0.78 (0.42 – 1.47)	110.7 (97.0 – 124.3)
28 May 2021	5095MSL75	57,553	95	2	1,404	1.87 (1.12 – 3.12)	114.6 (102.3 – 126.8)
4 June 2021	5074MSK24	69,245	74	21	1,647	1.79 (1.07 – 3.01)	114.3 (101.9 – 126.6)

Blast Date	Blast Number	Quantity Explosive (kg)	Blast Elevation (m)	Caribou Group Size	Distance Between Caribou Group and Blast (m)	Predicted PPV (m/s) and 95% Confidence Interval ^(A)	Predicted PPL (dBL) and 95% Confidence Interval ^(A)
19 August 2021	5046PSK71	1,165	46	1	1,895	0.22 (0.10 – 0.49)	107.3 (92.5 – 122.2)
22 August 2021	5046PSK21	1,381	46	3	832	0.51 (0.26 – 1.02)	111.2 (97.8 – 124.7)
22 August 2021	5046PSK13	956	46	3	832	0.43 (0.21 – 0.87)	110.7 (97.0 – 124.3)
28 September 2021	5046PSK31	616	46	138 (14 individuals monitored)	3,600	0.08 (0.03 – 0.21)	103.1 (86.7 – 119.5)
28 September 2021	5060MSK22	3,521	60	138 (14 individuals monitored)	3,600	0.19 (0.09 – 0.44)	105.8 (90.4 – 121.2)

A) Based on models using all blasts

The proportion of caribou group behaviours thirty-minutes following blasts for the six surveys that could be linked to blast data are shown in Figure 27. On 6 May 2021, when two blasts were performed at the same time, walking and alert behaviours increased following blasts. However, several vehicle disturbances were also recorded that appeared to elicit changes in caribou behaviour on this day. On 19 August, alert behaviours were observed in the three-minute period immediately following the blast. On the four other survey days, primarily feeding and lying behaviours were observed following blasting.

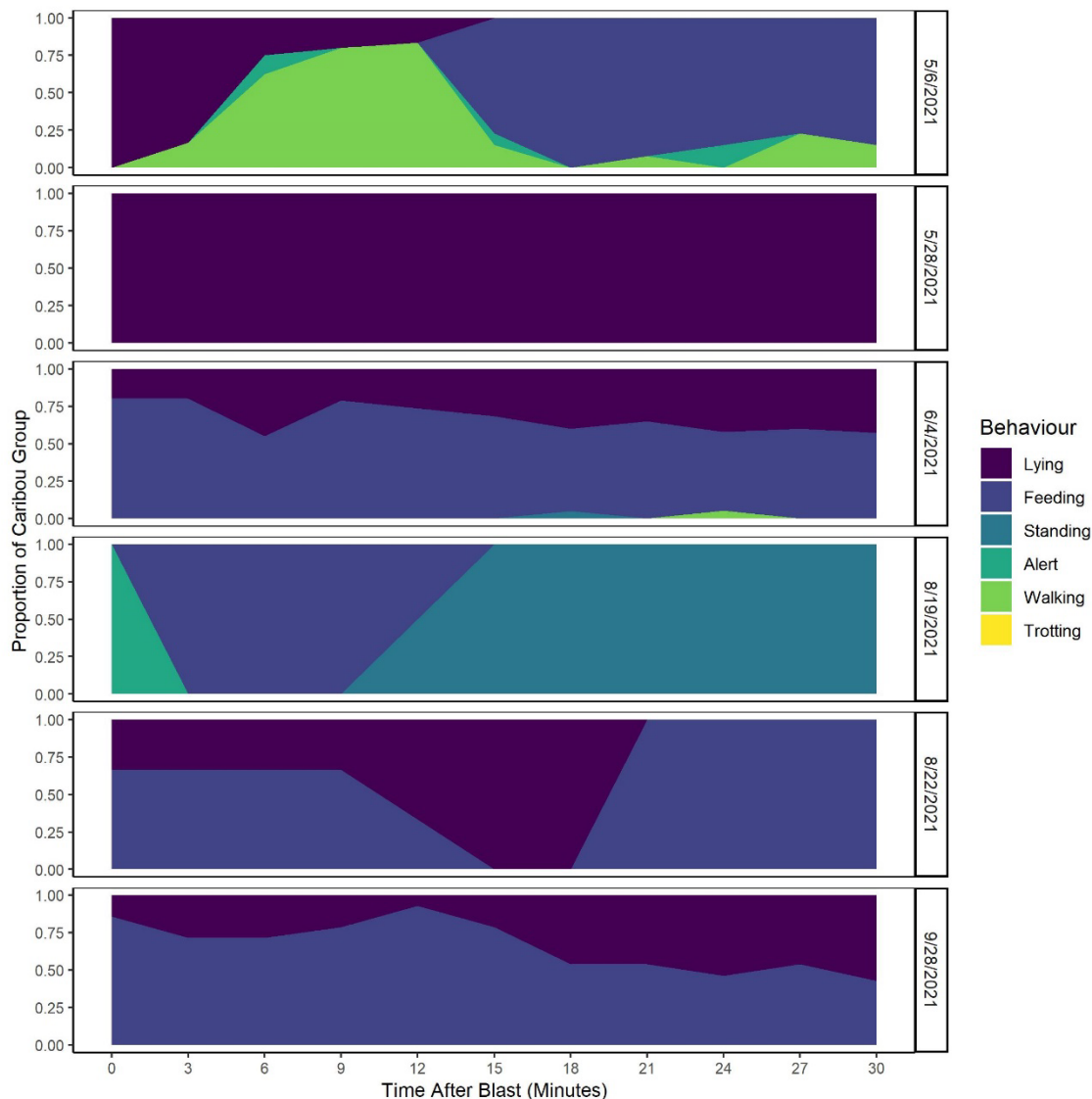


Figure 27: Caribou Behavioural Response Following Blasting Events

9.6 Management Recommendations

The number of behaviour monitoring sessions that could be linked to blast events did not allow statistical analysis of behaviour change in relation to modelled PPL and PPV levels. When sample size allows, future analysis could determine the relationship between proportion of stress behaviours (i.e., alert, walking, trotting), and PPL and PPV levels. If increased proportions of stressed behaviours are observed following blasts, the time for behaviour to return to pre-blast levels should be assessed.

During behaviour monitoring, the exact time of blast within thirty-minute surveys should continue to be recorded to allow time correction of surveys where necessary. Accurate locations of caribou groups (i.e., distance and bearing from observation location) should be recorded on all behaviour monitoring surveys.

10.0 HUNTER HARVEST STUDY

10.1 Overview

As outlined in the TEMP (Cumberland 2006) and as a requirement of NIRB Project Certificate No. 004 Terms and Conditions 51 and 54, the Baker Lake Hunter Harvest Study (HHS) was initiated in March 2007 by Agnico Eagle in association with the Baker Lake HTO to monitor and document the spatial distribution, seasonal patterns, and harvest rates of hunter kills and angler catches within the Meadowbank RSA.

After low participation during the first year of the study, methods were strategically adapted, participation increased steadily, and valuable information on harvest patterns in the Baker Lake area was collected. The HHS, through regular visits, contributed to developing a strong relationship with local harvesters, the HTO, and GN DoE. Data were provided annually in monitoring reports from 2007 to 2015. The HHS was suspended for three years (2016 and 2018) to develop new approaches and direction.

Following consultation with the HTO, KivIA, GN, and other agencies in November 2016 (Winnipeg) and June 2017 (Ottawa), Agnico Eagle reinitiated the HHS in March 2019, which for the first time also encompassed the Whale Tail RSA as part of the Meadowbank Complex. The study approach was similar to previous years, but suggestions and guidance received during the consultation period were incorporated into the study. The study was conducted through 2020 and 2021 and continues into 2022.

The full 2021 HHS report is provided in Appendix H.

10.2 Objectives

The primary objective of the HHS is to monitor potential Project-related effects on harvesting of wildlife by residents of Baker Lake. This objective is achieved by estimating the following key metrics:

- 1) The distribution of caribou, muskox, and wolverine harvest by residents of Baker Lake; and
- 2) The total level (or an index of) caribou, muskox, and wolverine harvest by residents of Baker Lake.

Other objectives of the HHS established in consultation with TAG or other participants include:

- Supporting creel surveys by gathering information on Arctic char (*Salvelinus alpinus*), lake trout (*Salvelinus namaycush*), lake whitefish (*Coregonus clupeaformis*), and Arctic grayling (*Thymallus arcticus*) catch rates and Inuit-use patterns in the Baker Lake area.
- Understanding regional distribution of hunting and fishing activity.
- Investigating seasonal timing of hunting and fishing activity.
- Determining whether increased harvest and catch rates are associated with the AWAR and WTHR.

As discussed during consultation with stakeholders, HHS will further seek to: a) increase and maintain the hunter participant rate in the future of the program; b) improve resource protection; c) improve hunter awareness and education; d) increase the integration of Inuit Qaujimajatuqangit and Traditional Knowledge; f) increase availability of data to support a collective approach to understanding wildlife harvest; and g) assist Agnico Eagle in mitigative actions and the GN in management decisions.

10.3 Methods

The wildlife species that are the focus of the HHS are caribou, muskox and wolverine; however, harvest data on other species, such as wolf, Arctic fox, geese and other birds is also collected. The few species in the study were deliberately chosen to make data entry and collection as simple as possible. To support creel surveys, data on fish harvest (Arctic char, lake trout, lake whitefish, and Arctic grayling) are also collected.

Inuit and non-Inuit residents, at least 16 years of age, are eligible to participate in the harvest survey. Harvest calendars are provided on a household basis rather than an individual basis in order to simplify data entry and collection, and reflect household hunting patterns. The harvest calendar is attractive and consists of local photographs of wildlife and Baker Lake residents (Appendix H). Space is provided for each calendar day where harvest details can be documented. A map is provided at the end of the calendar that delineates a 4 km² UTM grid within the Baker Lake and Meadowbank areas. Each grid has a unique code to facilitate recording of information. When calendars are issued, participants or participating households are encouraged to write harvest details (e.g., number of animals, sex, age and location [i.e., grid code]) for the appropriate date on the calendar.

Participants were interviewed in person three times during the year (i.e., June 2021, October 2021, and January 2022) by the harvest study coordinator. During the January 2022 interviews, remaining data from 2021 were collected. The purpose of the interviews is to ensure all harvest data are recorded on the calendars and to collect incidental information to compliment calendar data, including notable caribou movements, aggregations, and unique observations. Between interview periods, participants were often contacted by phone or social media to encourage recording of harvest data.

Features of the 2021 HHS included: 1) building long-term relationships between participants and researchers; 2) increasing engagement with participants on social media platforms such as Facebook and Instagram; and 3) increasing incentives for participating in the study (e.g., gas vouchers and prizes).

10.4 Results

The HHS included 55 participants by the end of 2021, which is lower than the 64 participating in 2020 because of several older hunters indicating that “they don’t hunt anymore”. Of the 2021 participants, Caribou harvest data had been collected from 39 participants, which is higher than the 28 participants that reported Caribou harvests in 2015, and slightly lower than the number of hunters reporting harvests in 2019 (42) and 2020 (43).

Based on the previous discussion of total numbers of hunters in the Hamlet of Baker Lake, there were 389 potential hunters within the Baker Lake community in 2008. The number is comparable to the comprehensive 5-year Nunavut Wildlife Harvest Study (NWMB 2005) in which 336 Baker Lake hunters were contacted and interviewed. Discussions with Baker Lake HTO members in 2019 suggest the total number of hunters is over 300. Given the historical and current number of hunters in Baker Lake, an estimate of 300 to 350 active hunters is used in this analysis. Based on these numbers, the 39 hunters reporting Caribou harvest in 2021 conservatively represent from 11 to 13% of total hunters in the community.

Between 1996 and 2001, 18% of Caribou harvests were estimated to be within 5 km of the AWAR (prior to construction) and 67% of harvests occurred within the Meadowbank RSA (NWMB 2005). In the first year of the HHS study (2007), prior to completion of the AWAR, 34% of harvests were reported within 5 km of the AWAR alignment and 79% were recorded within the Meadowbank RSA. The HHS data (2007 to 2015 and 2019 to 2020) fluctuated between 34 and 54% of reported harvest within 5 km of the AWAR, and between 64 and 85% within the Meadowbank RSA. The 2021 HHS data indicated that 43% of reported harvest occurred within 5 km of the

AWAR, and 71% occurred within the Meadowbank RSA. As was the case in other years, threshold levels of 20% set for monitoring the effects of the Meadowbank mine development on the distribution of caribou harvest were not exceeded.

In 2021, three Caribou were harvested within 5 km of the WTHR, which compares to no reported harvest during the NWMB harvest study and five Caribou harvested in 2019 (no harvests were reported in 2020). Overall harvest numbers were too low to determine whether harvests have increased following construction of the WTHR. Within the Whale Tail RSA (note – overlaps with the Meadowbank RSA), a total of 48 harvests were reported in 2021, which is above the average across the first 11 years of the study but lower than reported harvests in 2011 (103 Caribou), 2015 (53), and 2019 (85). Given the low numbers of reported harvests close to the WTHR and the prohibition of the public from the WTHR, it is unlikely that the presence of the road has resulted in increased harvest.

The number of fishermen reporting successful fishing trips in 2021 was 27, which is higher than the average of 23 fisherman from 2007 to 2015 and in 2019 to 2020 (11 years), and the highest number of fisherman reporting success since 2012. The most common fish species captured, Lake Trout, represented 67% of the total catch in 2021, which was the same as in 2020 but higher than the average of 55% from 2007 to 2015 and 2019 to 2020. Lake Whitefish were also captured at reasonably high numbers.

10.5 Accuracy of Impact Predictions

A summary of the impact predictions identified in the TEMP Version 7 (Agnico Eagle 2019) that are evaluated by the HHS is presented in Table 53.

Table 53: Accuracy of Impact Predictions - Baker Lake Hunter Harvest Study

Potential Effect	Threshold	Threshold Exceeded (2021)	Adaptive Management Implemented	Status
AWAR				
Hunting by Baker Lake Residents	The AWAR will not result in significant changes in the spatial distribution, seasonal pattern, or harvest levels of caribou by Baker Lake hunters. Changes will not exceed 20% of historical harvest activities within the RSA	NO	Future discussion with HTO and GN representatives required to identify management options	Hunter Harvest Study (including the Creel Survey)
WTHR				
Hunting by Baker Lake Residents	No change in harvest	NO	None required. Access by hunters is restricted in the growing season and very limited hunting occurs in the winter.	Hunter Harvest Study Satellite-Collaring Program

10.6 Management Recommendations

The Baker Lake HHS and Creel Survey should be continued on an annual basis to monitor the hunting and fishing patterns of Baker Lake residents, and the potential effects of the Meadowbank Complex Mine. Meetings with participants every four months (3 times/year) in 2022 are particularly important in maintaining contact, building relationships, expanding the study, and collecting good harvest data. Participation rates can be maintained by continuing to use social media platforms such as Facebook and Instagram, expanding connections on these platforms, ensuring that all participants are visited during the three scheduled field visits, and continuing with distribution of the well-received year-end prizes while in the community. An effort should be made to bring on younger participants in 2022 to replace the attrition of older hunters in 2021.

11.0 INTEGRATED CARIBOU MONITORING RESULTS

Various caribou monitoring programs have been developed (Sections 2.0 to 10.0) to understand and manage Mine-related effects on caribou. This section summarizes caribou monitoring data collected in 2021 and lists potential Mine-related effects.

11.1 Integrated Results

Table 54 summarizes results from each of the nine programs that monitored caribou activity and responses to Mine-related activity in 2021, while Table 55 summarizes potential Mine-related effects on caribou in 2021.

Table 54: Summary of Caribou Monitoring Activities and Management Responses in 2021

Monitoring Program	Summary of 2021 Monitoring Results	Summary of 2021 Management Responses
Caribou Management Decision Tree (Section 2.0)	Decision tree used when caribou were close to Project facilities as outlined in the TEMP Version 7.	Decision tree process uses data from the road, Mine site, viewshed surveys, and satellite collaring to determine the scale of caribou monitoring and management required.
Road Surveys (Section 2.0)	A total of 177 surveys completed on the AWAR, and 144 on the WTHR. High caribou numbers observed along the AWAR in April and December. High numbers of caribou observed along the WTHR in April, and May.	The AWAR was fully closed on 49 days, and partially closed on 9 days. The WTHR was fully closed on 13 days, partially closed on 1 day, and had speed restrictions applied for 29 days. The majority of mitigations resulted from observations made during road surveys. A total of 318 caribou observations from road surveys were tied to mitigations (Appendix A).
Pits and Mine Site Ground Surveys (Section 4.0)	Mine site surveys conducted on a weekly basis at minimum, and incidental observations recorded. Caribou were observed throughout the year, with highest numbers reported in January at Meadowbank, and September at Whale Tail.	Deterrent actions were implemented to keep wildlife, including caribou safe from site hazards. Road crossing data thoroughly collected throughout the year to support mitigation decisions. One caribou observation resulted in speed restriction (9 June 2021) at the Whale Tail site, and six observations at the Meadowbank site resulted in increased monitoring (Appendix A).
Wildlife Habitat Monitoring (Section 5.0)	Comprehensive analysis completed in 2021. Loss of high suitability ungulate habitats are below thresholds.	Not Applicable.
Caribou Satellite-Collaring Program (Section 6.0)	Agnico Eagle intends to continue collaboration with the GN DoE caribou satellite-collaring program. Collar data were not available to complete the 2020 and 2021 analysis.	Data were not accessible at the time of reporting. Daily satellite collar maps still received during sensitive seasons and used to assess need for increased monitoring.
Viewshed Surveys (Section 7.0)	Of the 310 viewshed surveys completed, 37 surveys (12%) had caribou sightings, and a total of 190 caribou were reported. Survey effort was focused in the fall season in 2021.	Viewshed surveys informed road closure by acting as an early warning system for caribou approaching the WTHR. No caribou groups exceeding GST were observed on viewshed surveys, therefore no mitigations were implemented directly as a result of these surveys.
Remote Camera (Section 8.0)	Remote cameras were deployed at 10 locations along the WTHR. Caribou were detected at six locations, and road crossings were identified at two locations.	No management response based on remote camera program in 2021.
Blast Monitoring (Section 9.0)	Comprehensive analysis of blast measurement data. Caribou monitoring conducted prior to blasts throughout 2021.	One blast postponed due to presence of caribou in the vicinity of the Whale Tail Pit.

Table 54: Summary of Caribou Monitoring Activities and Management Responses in 2021

Monitoring Program	Summary of 2021 Monitoring Results	Summary of 2021 Management Responses
Hunter Harvest Study (Section 10.0)	For AWAR, 71% of harvest in RSA in 2021 compared to 67% baseline; average of 76% of harvest within RSA since 2007. For WTHR, only 3 harvests recorded within 5 km of the Whale Tail Haul Road; harvests within the WTHR RSA were lower than some other years, including preconstruction	The Hunter Harvest Study results support that harvest was less than threshold. Management actions are not required.

AWAR = All Weather Access Road, GN DoE = Government of Nunavut Department of Environment, RSA = Regional Study Area, WTHR = Whale Tail Haul Road.

Table 55: Summary of Mine-related Effects on Caribou in 2021

Monitoring Program	Potential Effect	Threshold	Threshold Exceeded (2021)	Adaptive Management Implemented
Caribou Management Decision Tree (Section 2.0)	Sensory Disturbance	No threshold but Decisions Trees followed when caribou are seen near mine facilities	Not Applicable	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.
Road Surveys (Section 2.0)	Sensory Disturbance	No threshold. Decisions Trees followed when caribou are seen near mine facilities.	Not Applicable	YES. Multiple road closures and notices, good engagement of Wildlife Log by site staff. Use of Decision Trees for Management and Monitoring.
	Project-related Mortality	Caribou or muskoxen will not be killed or injured by vehicle collisions. Threshold level of mortality is two (2) individuals per year.	NO	NO
Pits and Mine Site Ground Surveys (Section 4.0)	Sensory Disturbance	No threshold. Decisions Trees followed when caribou are seen near mine facilities.	Not Applicable	YES. Deterrent actions were used to keep wildlife, including caribou safe from site hazards. Use of Decision Tree for Management and Monitoring.
Wildlife Habitat Monitoring (Section 5.0)	Habitat Loss	10% above total loss of high suitability habitat.	NO	Not Applicable
Caribou Satellite-Collaring Program (Section 6.0)	Sensory Disturbance	No threshold. Decisions Trees followed when caribou are seen near mine facilities.	Not Applicable	YES. Multiple road closures and notices. Use of Decision Tree for management and monitoring.
Viewshed Surveys (Section 7.0)	Sensory Disturbance	No threshold. Decisions Trees followed when caribou are seen near mine facilities.	Not Applicable	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.
Remote Camera (Section 8.0)	Sensory Disturbance	No threshold.	Not Applicable	Not Applicable
Blast Monitoring (Section 9.0)	Sensory Disturbance	NPC-119 criteria. Monitoring is continuous, but with increasing intensity as caribou approach the blasting site.	NO	YES. Blasting postponed on one occasion due to caribou presence. Use of Decision Tree for management and monitoring.
Hunter Harvest Study (Section 10.0)	Hunting by Baker Lake Residents	The AWAR will not result in significant changes in the spatial distribution, seasonal pattern, or harvest levels of caribou kills by Baker Lake hunters. Changes will not exceed 20% of historical harvest activities within the RSA.	NO	NO. Future discussion with HTO and GN representatives required to identify management options.
		No change in harvest along the WTHR	NO	

AWAR = All Weather Access Road, GN = Government of Nunavut, NPC = Noise Pollution Control, RSA = Regional Study Area, WTHR = Whale Tail Haul Road.

12.0 PREDATORY MAMMAL DEN MONITORING

Predatory mammals, representing a valued ecosystem component (VEC), occur and are known to den in the vicinity of the Meadowbank and Whale Tail Project facilities. Sensory disturbances near active dens such as blasting, vehicles and, most significantly, ground personnel, may negatively impact denning success by inducing stress responses in the adult mammals, which can result in den abandonment.

Predatory mammal den monitoring is applicable to four species: grey wolf (natal dens), grizzly bear (natal/overwintering dens), Arctic fox (natal dens), and wolverine (natal dens).

12.1 Objectives

The purpose of the predatory mammal den monitoring program is to identify and monitor active dens in close proximity to mining operations in order to protect any detected dens from disturbance.

12.2 Methods

Data will be collected on predatory mammal abundance and behaviour during ground surveys, vehicle surveys, and Viewshed surveys. Active den sites identified during baseline studies will also be monitored. If a wildlife technician suspects or confirms that an active den is present within the active footprint and vicinity of Project facilities or roads, a den management plan will be prepared. The plan will include consultation with the GN with respect to obligations under *The Wildlife Act*, SNU 2003, c. 26. Ground personnel and vehicle access will be restricted in the vicinity of the den as needed to minimize disturbances at the den. The den management plan outlines a monitoring schedule (dependent on seasonal timing) and will inform further mitigation strategies as required. See Figure 13 and Appendix I of the 2019 TEMP Version 7 (Agnico Eagle 2019) for den management and protection plan components.

12.3 Results

Monitoring of predatory mammal dens were conducted informally in 2021 through observations recorded during other monitoring programs. Potential effects due to Project-related activities were not identified to trigger monitoring of predatory mammal dens. No predatory mammal dens were observed or monitored in 2021.

12.4 Accuracy of Impact Predictions

A summary of the impact predictions identified in the TEMP Version 7 (Agnico Eagle 2019) is provided in Table 56; however, no impacts to denning predators were observed in 2021.

Table 56: Accuracy of Impact Predictions - Disturbance to Denning Predatory Mammals for the Meadowbank and Whale Tail Projects

Potential Effect	Threshold	Threshold Exceeded	Adaptive Management Implemented	Monitoring Methods
Disturbance to Denning Predators	Predatory mammal den failures will not be caused by Mine-related activities. Threshold is one den failure per year.	NO	NO	Road Surveys, daily and weekly systematic pit and Mine site ground surveys, viewshed, incidentals and vehicle encounter

12.5 Management Recommendations

When an active den site is identified in close proximity to Project facilities, a den management plan should be developed that outlines a monitoring schedule and appropriate mitigation strategies.

13.0 RAPTOR NEST MONITORING

13.1 Overview

The raptor nest monitoring program is designed to determine Project-related effects, and the success of mitigation strategies to prevent disturbance to nesting raptors. Within the Meadowbank LSA and AWAR LSA, peregrine falcons have previously nested in quarries along the AWAR, the Portage Pit, and Goose Pit. Monitoring of peregrine falcon nests in quarries along the AWAR has been conducted since 2009. The Portage, Goose, Vault, Whale Tail, and IVR Pits are inspected for peregrine falcon activity daily prior to and during the nesting season and managed under the Peregrine Falcon Management and Protection Plan (Appendix E, Agnico Eagle 2019).

Surveys from 2015, 2016, 2017, and 2019 identified 58 raptor nesting sites in the Whale Tail RSA. Peregrine falcon and rough-legged hawk nesting sites were located within 1.5 km of Project facilities in the Whale Tail LSA. Annual monitoring of these nests was recommended, however, these nests are not expected to be directly impacted by the Project due to their distance from Mine activity (Appendix L, Agnico Eagle 2020b).

Monitoring in 2021 included surveys for nests associated with pits and quarries along the AWAR and WTHR. Raptor activity and potential nest locations were also noted on other surveys including road surveys, viewshed surveys, freshet monitoring, and on-site environmental monitoring. In addition, a research program was conducted by Arctic Raptors in 2021, to determine the relationship between nest success and Mine activity (Appendix I).

13.2 Objectives

The objectives of the raptor nest survey monitoring program are to monitor disturbance to nesting raptors, and Project-related mortality to raptors. Nest management plans are developed for nests in proximity to the Project. One mortality, and one nest failure are thresholds for the Project.

13.3 Duration

Raptor nest monitoring will continue throughout operation and closure stages of the Mine to evaluate if mitigation measures to prevent disturbance to nesting raptors are successful.

13.4 Methods

13.4.1 Nest Monitoring (2021)

Raptor nests within 1.5 km of the active footprint and Project facilities require monitoring from 1 May to 15 September. Daily monitoring is required for nests within the active footprint, or within 500 m of Project facilities (i.e., the area of concern; Agnico Eagle 2019), and weekly monitoring is required for nests outside the area of concern. Nest management plans are developed as required, in consultation with subject matter experts and the GN, which include establishment of no-disturbance buffers in accordance with BC Guidelines for Raptor Conservation or TAG recommendations. If raptor nesting activity is detected in the Portage, Goose, Whale Tail, and IVR Pits, the Environment Department is notified, and these pits are then inspected daily for nesting activity from 25 May to 1 July. Management and mitigation approaches for peregrine falcon nests in proximity to pits and facilities are outlined in the 'Peregrine Falcon Management and Protection Plan on the Meadowbank Gold Project Site (Appendix E, Agnico Eagle 2019). Raptor activity is also noted on other surveys including pit and Mine site inspections, road surveys, and Viewshed surveys.

Raptor nest monitoring in 2021 included monitoring of raptor nests in quarries along the AWAR and WTHR. Peregrine falcons have nested in quarries along the AWAR since 2009, and surveys of these quarries have been performed since 2010. Quarries along the WTHR were also checked regularly for raptor nesting evidence.

Quarries along the AWAR (listed in Table 57) were visited on an approximately weekly basis between 27 May April and 16 September in 2021. Raptor activity and potential nest locations were also noted on other surveys including road surveys, viewshed surveys, freshet monitoring, and on-site environmental monitoring. Surveys in pits or other areas were conducted when raptors were observed during Mine site inspections or incidental observations. In addition to monitoring completed by Agnico Eagle technicians, Arctic Raptors completed ground-based surveys, and two helicopter surveys for nesting raptors in May and August 2021. Surveys were focused on nesting habitat along the AWAR and WTHR (Appendix I).

Nest sites are monitored using non-disruptive techniques, which include monitoring from vehicles within the quarry or from the road, to ensure that active nests are not approached by Agnico Eagle personnel. Presence of aggressive adults, eggs, and chicks are used to identify active nests. To minimize direct disturbance to nesting birds and as per recommendations, intensive monitoring, which would require approaching nests by foot, is not conducted. Deterrents were applied to Quarries 20 and 22 in 2021 to discourage raptor nesting.

13.4.2 Nest Occupancy Analysis

Arctic Raptors analyzed data from raptor nest surveys performed in years 2015 – 2017, 2019, and 2021 at 134 locations considered to be raptor nesting habitat. Occupancy modelling was used to determine nest occupancy across years for peregrine falcons (56 nest sites) and rough-legged hawks (26 nest sites). Insufficient data were available to complete models for gyrfalcon (*Falco rusticolus*; 9 nest sites). Annual occupancy probabilities were used to determine average rate of change in occupancy (λ) for peregrine falcons and rough-legged hawks. A λ value greater than one indicates population increase, and a λ value less than one indicates population decrease. The number of young that hatched at each nest were used to estimate reproductive success. Full methods for the analysis are included in Appendix I (Arctic Raptors 2022).

13.5 Results

13.5.1 Nest Monitoring (2021)

Fourteen peregrine falcon nesting sites have been recorded in the Meadowbank LSA and AWAR LSA since nest monitoring began in 2009 (Table 57). Eight peregrine falcon nests were documented in Quarries 2, 3, 5, 7, 9, 16, 18, and 22 in 2021. Nests have previously been identified in all these quarries, except Quarry 5 (Table 57). Quarries 19 and 21 have previously had nests, but did not in 2021. In addition to the eight active nest sites in 2021, peregrine falcon activity was observed at Quarries 4, 21, and 35 during the monitoring program. No raptor nesting evidence was observed in quarries along the WTHR in 2021, however one peregrine falcon was observed at Quarry 35 on 4 July. No other nests were identified during pit checks or incidentally during other surveys in 2021.

A summary of observations made at the peregrine falcon nests along the AWAR in 2021 is detailed in Table 58. Raptor nest management plans were not developed at the active nest sites, as Mine-related activity was already restricted within the quarries, with the only disturbance being traffic on the nearby AWAR. Intensive monitoring, which would include approaching nests by foot, was not conducted. Nest locations are not publicized to prevent inadvertent disturbance by curious Mine employees.

Table 57: Record of Peregrine Falcon Nesting between 2009 and 2021

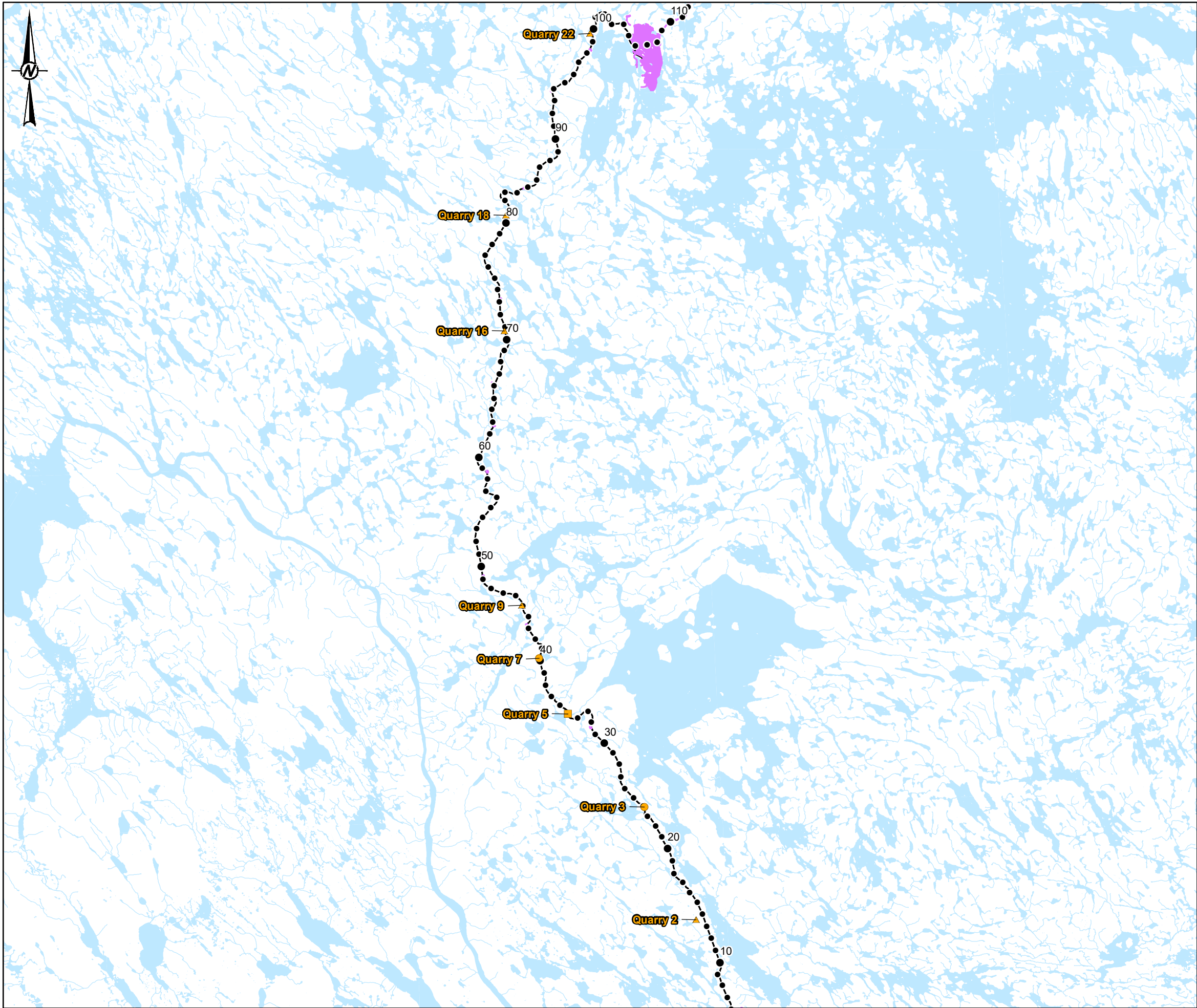
Location	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Comments (2021)
Quarry 1	No	No	No	No	No	No	No	No	No	No	No	No	No	Whitewash observed; likely occupied in spring
Quarry 2	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Nest with three eggs observed; failed
Quarry 3	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Three nestlings observed
Quarry 4	No	No	No	No	No	No	No	No	No	No	No	No	No	One falcon observed
Quarry 5	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Likely failed
Quarry 6	No	No	No	No	No	No	No	No	No	No	No	No	No	Whitewash observed; likely occupied in spring
Quarry 7	No	No	No	No	No	No	No	Yes	Yes	No	No	Yes	Yes	Rough-legged hawk built nest; peregrine falcon may also have been present
Quarry 8	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No raptor activity observed
Quarry 9	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Nest with four eggs observed; failed
Quarry 10	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 11	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 12	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 13	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 14	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 15	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 16	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	One falcon observed; failed
Quarry 17	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No raptor activity observed
Quarry 18	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	One day old chick and one egg observed; failed
Quarry 19	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No raptor activity observed
Quarry 20	No	No	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
Quarry 21	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Two falcons observed
Quarry 22	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Nest with three eggs observed; failed
Quarry 26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No raptor activity observed
Quarry 30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No raptor activity observed
Quarry 35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No	One falcon observed
Quarry 50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No raptor activity observed
Quarry 52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No raptor activity observed
Portage Pit	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No raptor activity observed
Vault Pit	N/A	N/A	N/A	N/A	No	No	No	No	No	No	No	No	No	No raptor activity observed
Goose Pit	N/A	N/A	No	No	No	No	No	Yes	No	No	No	No	No	No raptor activity observed
Whale Tail Pit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	No raptor activity observed
IVR Pit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	No raptor activity observed

Table 58: Peregrine Falcon Nest Monitoring Data (2021)

Date	Quarry 2 (14W 0642021 7147547)	Quarry 9 (14W 0628504 7171861)	Quarry 22 (14W 0633855 7216177)
27 May 2021	-	One falcon observed; quarry not accessible due to snow	-
01 June 2021	-	-	Two falcons observed
03 June 2021	-	One falcon observed	Two falcons observed
11 June 2021	-	Two falcons observed	Two falcons observed
17 June 2021	Two falcons and three eggs in nest observed	-	Two falcons and three eggs in nest observed
19 June 2021	Two falcons observed	-	-
02 July 2021	Two falcons and three eggs in nest observed	Two falcons and four eggs in nest observed	-
04 July 2021	-	-	Two falcons observed
10 September 2021	-	-	Empty nest observed
15 September 2021	-	-	Two falcons observed
16 September 2021	-	-	-

"-" indicates no monitoring event on given day.

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LEGEND
ACTIVE PEREGRINE FACON NEST LOCATION (2021)
STATUS

- ▲ FAILED
- SUCCESSFUL
- UNKNOWN
- KILOMETRE MARKER
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- ALL WEATHER ACCESS ROAD
- WATERBODY
- WATERCOURSE

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 14N

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE
PEREGRINE FALCON NEST LOCATIONS (2021)

 GOLDER MEMBER OF WSP	CONSULTANT	YYYY-MM-DD	2022-03-24
	DESIGNED	SW	
	PREPARED	CDB	
	REVIEWED	DC	
	APPROVED	CDM	

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4040	0	28

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 28mm

13.5.2 Nest Occupancy Analysis

Results of the analysis did not indicate project-related effects on rough-legged hawk occupancy ($\lambda = 1.25 \pm 0.25$ [mean \pm standard error]). Although the value is positive, the standard error overlaps one, indicating that the population is unlikely to be increasing or decreasing (i.e., likely stable). Marginal decrease in peregrine falcon occupancy was observed ($\lambda = 0.95 \pm 0.02$). However, results may be related to inconsistent monitoring (e.g., monitoring that ensures minimal disturbance) and lack of statistical power to determine project-related effects. Full results of the nest occupancy analysis are included in Appendix I (Arctic Raptors 2022).

13.6 Accuracy of Impact Predictions

A summary of the impact predictions identified in the TEMP Version 7 (Agnico Eagle 2019) is provided in Table 59. Five nest failures occurred in 2021 (Table 57). Results of the nest occupancy analysis indicate that there has been a marginal decrease in peregrine falcon nest occupancy. However, results may be related to inconsistent monitoring and lack of statistical power to determine project-related effects (Appendix I).

Table 59: Accuracy of Impact Predictions to Nesting Raptors and Raptor Mortality

Potential Effect	Threshold	Threshold Exceeded (2021)	Adaptive Management Implemented	Monitoring Methods
Disturbance to Nesting Raptors	Raptor nest failures will not be caused by Mine-related activities. Threshold is one nest failure per year.	NO	YES	Active raptor nest monitoring Daily and weekly systematic pit and Mine site ground surveys
Raptor Mortality	One (1) individual	NO	Not Applicable	AWAR and WTHR surveys Daily and weekly systematic pit and Mine site ground surveys Incident and vehicle encounter reports

13.7 Management Recommendations

Agnico Eagle will continue to monitor raptor nests in accordance with the TEMP Version 7 (Agnico Eagle 2019). This includes annual raptor nest surveys of quarries along the AWAR, WTHR, pits, and waste rock piles; development of nest management plans; and implementation of the Peregrine Falcon Management and Protection Plan when required. Active nests will be monitored throughout the season to determine nest success or failure. Agnico Eagle will continue to document raptor observations during other programs (e.g., road surveys, Viewshed surveys).

Starting in 2021, multiple surveys will be completed each year by a third party expert (Arctic Raptors), to allow estimation of nest detection error. Recommendations were made to apply deterrents to quarries in early May, regular monitoring of viewshed quarries, and signage to identify nesting raptors to limit disturbance (Appendix I; Arctic Raptors 2022).

14.0 WATERBIRD NEST MONITORING

14.1 Overview

The Whale Tail expansion required the construction of two dykes within Whale Tail Lake to divert water from the proposed pit to surrounding lakes and tributaries, resulting in flooding that with potential impacts to migratory birds and their nests. Trent University, in collaboration with Environment and Climate Change Canada and Agnico Eagle, conducted a research study to investigate mitigation options to minimize flooding-related impacts to birds in the Whale Tail South area. The objectives of the study were to:

- Determine the effectiveness of audio and visual deterrents for prevention of flood-zone nesting.
- Estimate the number of nests and species composition lost due to flooding.
- Examine the behavioural response of birds to flooding (i.e., whether birds re-nested after flooding) and deterrents (i.e., impact on duration of nesting).

Visual and audio deterrents tested in the 2018 and 2019 programs were not recommended as effective mitigation measures for preventing bird nest loss. Nest densities observed from 2018 and 2019 were used to estimate nest displacement during 2018 to 2020. Nest displacement to date was estimated to be lower than FEIS Addendum predictions (Appendix C). The 2020 field program intended to determine behavioural response to flooding (i.e., nest density and recolonization time in the area post-flooding) but was not completed due to COVID-19. Follow-up studies in 2021 indicated that the average number of nests and bird density increased from 2019 to 2021 in upland control plots, and nest density declined in flood zone plots, potentially indicating a movement of nesting sites to adjacent areas, however this was not supported by mark-re-sighting surveys. Further discussion of the 2021 field program is provided in the '2021 Migratory Bird Protection Report' (Appendix C).

15.0 BREEDING BIRD MONITORING

15.1 Overview

The breeding bird PRISM (Program for Regional and International Shorebird Monitoring) plot and bird transect monitoring programs were designed to evaluate potential Project-related changes in breeding bird species abundance, richness, and diversity over time. The program is one component of the larger monitoring strategy to evaluate the success of mitigation measures implemented to minimize the amount of vegetation (i.e., bird habitat) removed or degraded (e.g., dustfall) by the Project, and whether certain Mine activities such as the Mine site or AWAR have resulted in reduced or compromised habitat function or effectiveness (i.e., zone of influence) for breeding birds.

For the breeding bird transects, data analysis in 2011 and 2015 indicated that no road-related effects had occurred to date, and thresholds had not been exceeded; therefore, annual transect surveys were permanently suspended after 2015. In 2020, Agnico Eagle sent ECCC the comprehensive 2003-2015 analysis of all PRISM and breeding bird transect data (Agnico Eagle 2020c).

15.2 Management Recommendations

Results of the comprehensive analysis determined there were no significant effects of the Project or Mine-related infrastructure on bird abundance, diversity or community composition, which supports that mitigation is effective. Agnico Eagle is finalizing a collaboration agreement with ECCC, with focus on contribution to regional bird monitoring programs. This includes commitment to 48 PRISM plots selected by CWS over 10 years (2021 to 2031), and completion of AWAR and WTHR Breeding Bird Survey (BBS) routes opportunistically when qualified individuals are on site. At a minimum, these BBS routes will be conducted every 3 years during the operations, closure and post-closure phases of the project. PRISM and BBS are scheduled to restart in 2022.

16.0 NON-NATIVE PLANT SURVEYS

16.1 Overview

This section includes the methods, results, and mitigation measures to minimize the spread of non-native invasive plant species resulting from Project construction. The Government of Nunavut (GN) and Environment and Climate Change Canada (ECCC) define a non-native species as ‘an organism that is not normally found in a region’ (CESCC 2010). Additionally, according to Section 91 of *The Wildlife Act*, SNU 2003, c 26, invasive species shall not be released into a habitat in which that species does not belong or never naturally occurred. Any introductions of non-native plant species must be promptly reported to the GN Department of Environment. In 2019, Agnico Eagle initiated a non-native plant monitoring study to assess and monitor the potential introduction of non-native plant species, including weeds or invasive species (Golder 2020b). Subsequent monitoring events occurred in July 2020 and 2021. Surveys will continue to be completed annually as per the TEMP Version 7 (Agnico Eagle 2019).

16.2 Methods

The Canadian Endangered Species Conservation Council (CESCC) lists 17 species not normally found in Nunavut with a potential for becoming established, 14 of which are vascular (non-native) plants to the region (CESCC 2010; Table 1). These species were included as targets for the non-native plant surveys. Additionally, any species known to be non-native to Nunavut were also included as targets for non-native plant surveys, to meet requirements of Section 91 of *The Wildlife Act*, SNU 2003, c 26.

Surveys at the Meadowbank Complex were conducted by a Golder vegetation ecologist between July 23 to August 2, 2021. The Meadowbank Complex area includes the AWAR, WTHR, Baker Lake tank farm, Whale Tail site, and Meadowbank Mine site areas.

Species were documented as they were encountered. Non-native plant surveys consisted of targeted surveys focused within high-priority or high-potential areas within the Project footprint. The high-potential areas were identified as the Project area perimeter, highly trafficked areas (e.g., fuel station), areas surrounding buildings, shipping containers, along existing roads/trails or areas of disturbance within the Project area, as well as adjacent to the AWAR and WTHR road. High potential areas also included survey locations from 2019 and 2020 where non-native plants were observed. In areas where non-native species were observed, meander surveys were conducted outside of the disturbance footprint to determine if these species had established in the native tundra. Given the length of the AWAR and WTHR, the roads were travelled via vehicle at slow speeds, while observers looked for obvious signs of weed infestations along road margins. Periodic stops were undertaken to complete meanders in areas with high potential (e.g., pull-outs, work areas, road-side quarries, and other areas with disturbed substrates). A GPS was used to collect a track file of the meander route and point locations of surveys conducted. A total of 202 individual locations were surveyed for non-native plants in 2021 (Table 60).

When non-native or invasive plant species were encountered, the following information was recorded: site ID; surveyor name; GPS coordinates; photos of the occurrence / infestation; species name; estimated area of infestation; estimated number of plants (e.g., <10, 10 to 100, 100 to 1,000, >1,000) of each species; estimated cover of bare ground; growth stage (i.e., seedling, in bud, seed set, expired); recommended action for each species; and record of any hand pulling completed.

16.3 2021 Results

No non-native plants, as identified by the CESSC, were recorded along the AWAR, WTHR, Baker Lake tank farm, Whale Tail and Meadowbank Mine sites. Although not listed as a non-native species by the CESSC, populations of two species not endemic to the Arctic, flixweed (*Descurainia sophia*) and scentless chamomile (*Tripleurospermum inodorum*), were observed at several of the 2021 surveyed locations. Table 60 provides a summary of the non-native plant survey findings from the 2021 surveys at locations shown on Figure 29.

Table 60: Summary of 2021 Non-Native Plant Survey Effort

Location of survey	Total number of survey locations	Number of survey locations with flixweed	Number of survey locations with scentless chamomile
AWAR	14	12	1
AWAR quarry	24	9	2
Baker Lake tank farm	4	1	1
Meadowbank Mine site	104	53	1
Whale Tail site	36	0	0
WTHR	10	0	0
WTHR Esker/Quarry	10	0	0
Total	202	75	5

Table 61 provides a summary of historical results compared to the 2021 survey results. The survey efforts have increased year over year since the program began. The first year of monitoring in 2019 was a shorter program and could not cover the entire mine footprint which explains the fewer number of non-native species observed. Some of the 2021 flixweed observation locations were combined in 2021 as populations merged which explains the reduction in flixweed observation locations. However, each of the 176 locations monitored in 2020 were revisited in 2021. Appendix J includes a comparison of estimated plants observed in 2020 compared to 2021 at each survey location.

Table 61: Historical Non-Native Plant Survey Results

Non-Native Species Observed	2019 Survey Locations ^(A)	2020 Survey Location ^(A)	2021 Survey Locations ^(A)
Flixweed (<i>Descurainia sophia</i>)	28	92	75
Scentless chamomile (<i>Tripleurospermum inodorum</i>)	1	7	5
Alsike clover (<i>Trifolium hybridum</i>)	0	1	0
Lamb's quarters (<i>Chenopodium album</i>)	0	1	0
No non-native species observed	78	76	119
Total Survey Locations	107	176	202

A) Note the sum of the survey locations may not equal the total as some survey locations had multiple species observed.

Flixweed (*Descurainia sophia*) is an introduced agricultural weed from Europe, Asia and North Africa (Dickinson 2006; ABMI 2009) and is non-native to Nunavut. In Alberta, flixweed is classified as a nuisance weed, indicating it is very abundant across the province and near impossible to eradicate (ABMI 2009). Flixweed was observed on the Meadowbank Mine site, along the AWAR and at the Baker Lake tank farm. It was not observed at the Whale Tail Mine site or along WTHR (Figure 29, Appendix J). Infestations of flixweed were found to be most dense

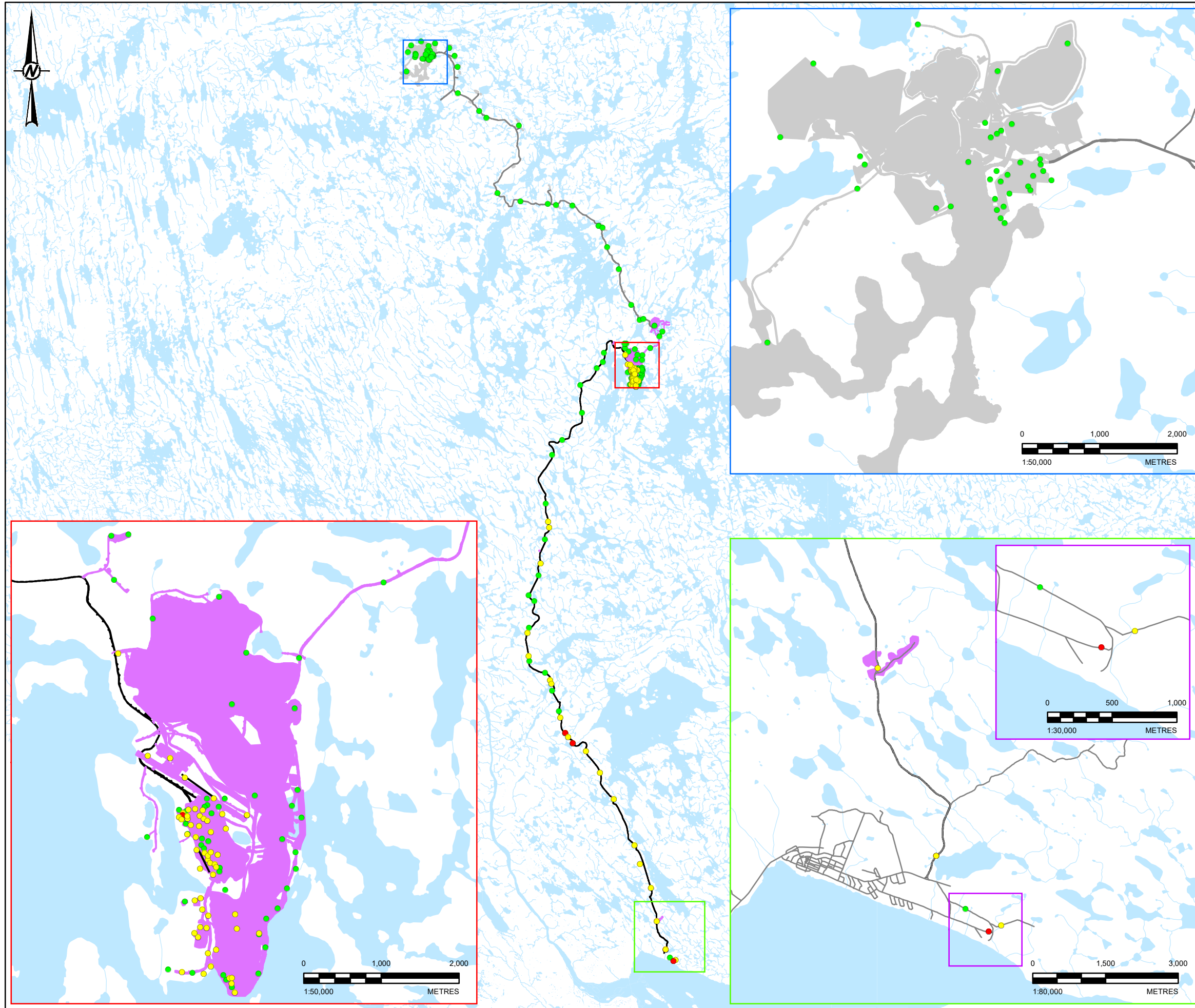
around the most traveled areas of the Meadowbank Mine site including the airstrip, camp, processing plant, shipping container storage areas and laydown areas. It was also found along the viewshed in many locations on the AWAR. When flixweed populations were observed on the edges of disturbance, surveys were extended into the tundra to determine if flixweed has become established outside of disturbed areas associated with the Meadowbank Complex. Observed flixweed populations have not encroached onto the tundra, and all observations were limited to disturbed areas. Flixweed is considered a “pioneer species” meaning it thrives on bare soil and has difficulty surviving in areas with high native plant cover such as the tundra (AMBI 2009).

Trials of flixweed eradication were implemented in July 2021 at the Meadowbank Mine site. In total 19 sites underwent trials involving a combination of geotextile placement, hand pulling and mechanical removal. Results of these trials are pending a further growing season to determine efficacy. Photos taken during the 2021 trials will be used to compare to future years to determine efficacy.

In late 2021, it was proposed by a botanist at the Canadian Museum of Nature (P. Sokoloff, personal communication, September 26, 2021) that the species being classified as flixweed could possibly be the native species, northern tansymustard (*Descurainia sophioides*). Both flixweed and northern tansymustard are very similar in appearance and habitat and therefore fill similar ecological niches. The best way to distinguish the two species is based on the shape of the hairs, visible under magnification. Because it was too late in the growing season in 2021 to obtain a viable sample for identification, the plant cannot be definitively identified until the next growing season in 2022. More details on these two species are provided in the risk assessment in Appendix K.

Although not listed as a non-native species by the CESSC, populations of scentless chamomile (*Tripleurospermum inodorum*), which is non-endemic to the Arctic, were observed at five of the surveyed locations. Of the five populations, four were considered large populations (>100 individuals), two at viewshed quarries along the AWAR, one along the AWAR road near the community of Baker Lake and one at the Baker Lake tank farm. Scentless chamomile was also observed in one small population near the geology shack at the Meadowbank Mine site. See Figure 29 and Appendix J for locations. Hand pulling is an effective method of control for small populations of scentless chamomile (GOA 2007). Golder and Agnico Eagle staff pulled the populations by hand with the exception of the population near the community of Baker Lake due to COVID-19 restrictions around the community. The plants were collected in garbage bags and incinerated. Three of the five observed locations with scentless chamomile in 2021 had been hand-pulled in 2020 indicating the populations may have already gone to seed before the hand-pulling occurred. Follow up at these locations next year will be needed to assess how effective hand pulling has been.

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LEGEND
PROJECT DATA

- FLIXWEED (*Descurainia sophia*)
- SCENTLESS CHAMOMILE (*Tripleurosperum inodorum*)
- SURVEY LOCATIONS - NO NON-NATIVE PLANTS OBSERVED
- TRANSECT
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- ALL WEATHER ACCESS ROAD

BASE DATA

- WATERCOURSE
- WATERBODY

REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. ROAD, WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
COORDINATE SYSTEM: CANADA ALBERS EQUAL AREA CONIC

AGNICO EAGLE

CLIENT
AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT
MEADOWBANK AND WHALE TAIL PIT TEMP 2021

TITLE
2021 NON-NATIVE PLANT SURVEY RESULTS

CONSULTANT	YYYY-MM-DD	2022-03-24
DESIGNED	SOD	
PREPARED	LH/CDB	
REVIEWED	DC	
APPROVED	CDM	

PROJECT NO.	CONTROL	REV.	FIGURE
21452616	4000/4047	0	29

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16.4 Management Recommendations

The 2021 survey was the third consecutive year of non-native species monitoring for the Meadowbank complex. Comparison of sizes of populations between years is difficult due to many factors including the merging of once distinct populations, challenges in estimating large numbers of individuals, potential surveyor bias and changes in weather and timing of surveys between years. Comparison of photographs year over year may be one way to combat this subjectivity, however the challenge remains in measuring potential spread over time. A comparison of population estimates from 2020 to 2021 survey locations is included in Appendix J. Two non-native species observed in 2020 (lamb's quarters [*Chenopodium album*] and alsike clover [*Trifolium hybridum*]) were not observed at any survey locations in 2021.

Flixweed is present in large populations at the Meadowbank Mine site, the Baker Lake tank farm, and along the AWAR. Although it has not yet been observed at the Whale Tail mine site, without management or mitigation, it is probable that it will migrate along the WTHR and into the Whale Tail mine site. Flixweed is not on the CESSC species list, and it is not considered a noxious weed in any province or territory in Canada with the exception of Manitoba, which considers flixweed as a Tier 3 noxious weed (GoM 2020). A Tier 3 noxious weed has to be controlled if the weed's uncontrolled growth would have a negative impact on the economy or environment. Flixweed should be controlled to contain the infestation to the Meadowbank Mine site and AWAR and prevent spread north to new locations. Flixweed reproduces mainly by seed, with seeds germinating in the fall and new plants establish quickly after snow melt (ABMI 2009). During the 2021 growing season, trials of control measures for flixweed were implemented at the Meadowbank Main site by Agnico Eagle staff. Control methods implemented included mechanical removal (weed eater), removal by hand, and placement of geotextile fabric over populations. Results of these trials to determine if the measures were successful at reducing the size and slowing the spread of flixweed populations will not be available until at least the next growing season.

The Government of Nunavut (GN) has recommended that Agnico Eagle produce a risk assessment examining the potential for the species to colonise undisturbed habitats beyond the disturbed areas of the Meadowbank-Whale Tail complex; the impact of this species on efforts to revegetate disturbed areas of the complex with species and plant communities endemic to Nunavut, as required under term and condition 26; and the risk of this species to wildlife such as caribou. This risk assessment has been included in Appendix K.

Although not listed as a non-native plant by the CESSC, scentless chamomile is listed as Secondary Noxious and Noxious in the Canadian Weed Seeds Order (GOC 2016). The Government of Alberta states that noxious weeds have the ability to spread rapidly, degrade habitats and reduce biodiversity, and must be controlled to prevent further establishment and spread (GOA 2010). Four of the five observed populations of scentless chamomile were removed by hand. Areas that are known to have populations of scentless chamomile should be continually monitored and controlled to prevent further infestations. Hand removal and disposal via incineration for scentless chamomile is an appropriate management method at this time because the populations are not widespread across the Meadowbank Complex.

Efforts for non-native plant management, including identified non-endemic species, should continue and added diligence should be undertaken with regards to areas of high traffic from equipment. Continued and thorough cleaning of equipment and materials prior to entering the site, per the TEMP Version 7, will prevent seed of non-native species from being introduced. Surveys for the 14 non-native plant species identified by CESSC as well as other species not native to Nunavut should continue to be completed annually. Mechanical control such as mowing or hand pulling, as appropriate for the site setting, is recommended for any identified non-native plant species.

Chemical herbicide treatments are not recommended to be used at this point as the tundra is a very sensitive ecosystem. As a further measure of prevention, the CESSC (2010) has developed posters that show non-native species in Nunavut. We recommend that these be displayed at the Meadowbank Complex and incorporated into staff on-boarding materials, which could be used to supplement non-native plant information and posters used on-site. These materials can also be displayed at the Agnico office/crew house in Baker Lake and potentially in other areas within the community.

A management plan for non-native plant species employing adaptive management may be implemented if the non-endemic and other non-native plant species continue to be observed and/or are observed to spread further within the Meadowbank Complex area. A non-native plant management plan would describe the methods for the eradication, control and/or minimization of the encroachment of non-native plant species into new areas and outline additional measures such as on-boarding and training in the identification of non-native plant species for the area.

17.0 SPECIAL STUDIES

17.1 Snow Study

17.1.1 Overview

Collared caribou from the Lorillard herd have historically interacted with the AWAR and WTHR during their spring and fall migrations. The following sections focus exclusively on characterizing snow conditions and caribou interaction along the WTHR (see Section 3.6 for information on caribou interaction with the AWAR).

The direction of travel for these animals crossing the WTHR has always been from the west to the east in the spring. Snow is removed periodically from the WTHR to promote safe driving conditions for the transport of Meadowbank Mine staff and supplies and mined ore between Whale Tail pit and the Meadowbank Mine site. Snow is removed or redistributed from the road surface to areas adjacent to the roads. The snow is redistributed in a way to minimize the size of any snow berms formed on the side of the roads (i.e., snow is pushed to the eastern, downwind side of the road).

Per Whale Tail Expansion Project commitment 9 from the TAG Meeting held in Baker Lake June 11-13, 2019, Agnico Eagle committed to complete a three-year snow monitoring program as part of the TEMP that measures snow conditions adjacent to the WTHR. The goal of the snow monitoring is to determine whether changes to snow resulting from snow removal along the WTHR result in conditions that potentially inhibit caribou movements. The primary questions to be answered by the snow study monitoring were:

- 1) How do snow conditions within the managed snow area where caribou are crossing the WTHR differ from the snow conditions in adjacent portions of the berm where crossing did not occur?
- 2) How do snow conditions and caribou track characteristics differ between areas within the snow berm and areas beyond the berm where snow conditions have not been altered by snow removal activity?

An annual sample goal of 36 plots was originally proposed over three years. Snow condition monitoring data collected in 2020 and 2021 are presented below. These data represent preliminary results of snow condition monitoring.

17.1.2 Methods

Five survey locations in May 2020, and three locations in April 2021 were established along the WTHR. Surveyors established six plots at each survey location and collected data on the snow depth, snow hardness, caribou track depth, as well as the height and slope of the snow-managed berm that occurred adjacent to the WTHR. Snow and caribou track depth were measured using a metre stick while snow hardness was measured using a mechanical dynamometer (i.e., push-pull gauge; Lundmark and Ball 2008). Three plots were established on the upwind side of the WTHR (i.e., the side of the road that the prevailing wind blows from - the west) and three plots were established on the downwind side of the WTHR (i.e., the east side of the road).

The three survey plots on each side of the road included a “use” plot, a “snow-management control” plot and a “unmanaged control” plot (Figure 30). The use plot occurred within the snow-managed berm in an area where caribou had left tracks while crossing the WTHR. The snow-managed control plot occurred approximately 5.0 m from the use plot, within the snow-managed berm but in a portion of it that did not contain caribou tracks. The unmanaged control plot occurred beyond the snow-managed berm and in an area where caribou tracks were present (Figure 30).

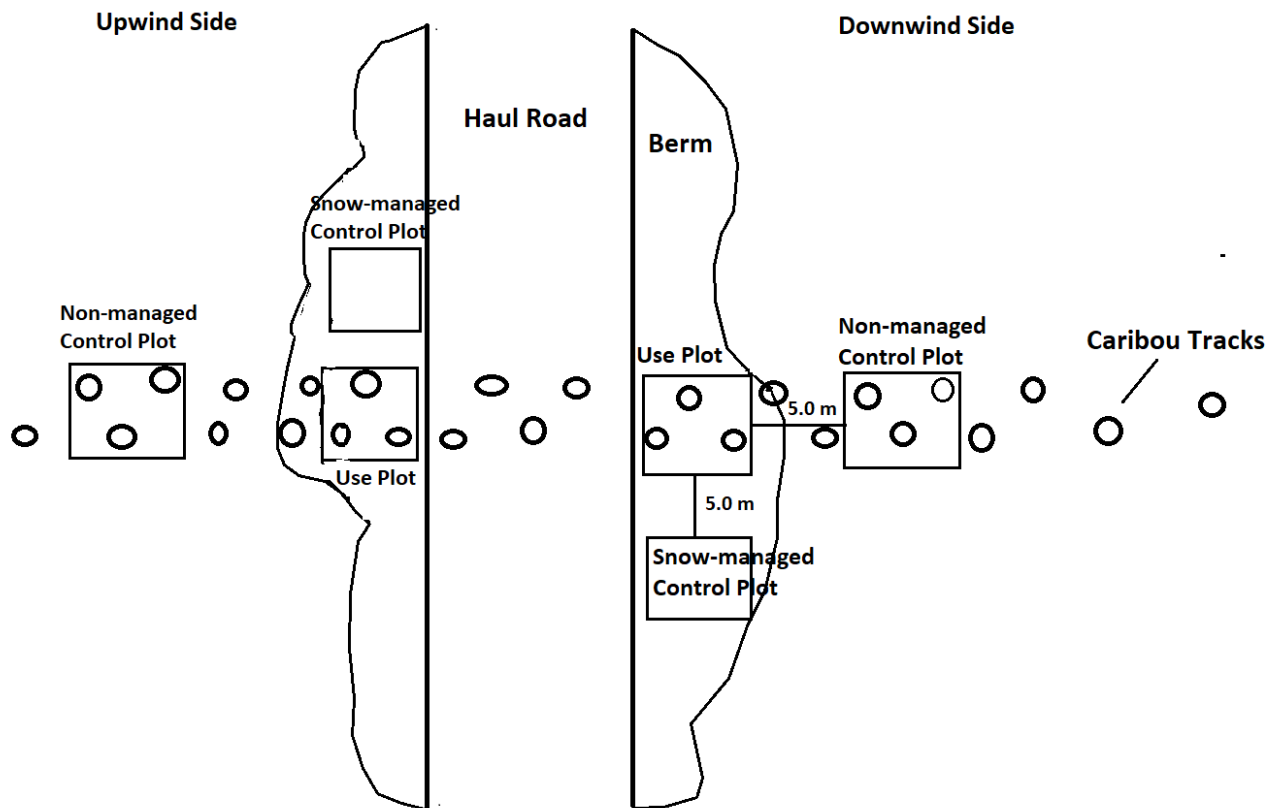


Figure 30: Survey Plot Configuration Used During Snow Survey Monitoring Along the Whale Tail Haul Road

17.1.3 Results

The targeted number of plots was not met in 2020 (5 plots) or 2021 (3 plots). Challenges in meeting the targeted number of plots were related to locating fresh caribou tracks before they were filled with snow, or no longer reflected the snow conditions when caribou travelled through. Apart from caribou track depth data in unmanaged control plots, a full suite of data was collected at six plots per survey location. Information on caribou track depth in the unmanaged control plots was not collected due to errors in datasheet printing.

Table 62 provides a summary of snow depth and snow hardness measurements recorded in the use and control plots during the 2020 and 2021 survey periods. Across all survey plots sampled, snow depth was similar between, the upwind (west) side of the haul road (24.63 ± 7.28 cm [± 1.0 standard error]) than the downwind (east) side of the road (23.64 ± 7.31 cm) (Table 62; Figure 31). Average snow depth in use plots on the upwind side of the road (24.50 ± 10.65 cm) was similar to the average snow depth in the snow-managed control plots (i.e., plots within the berm but not used by caribou) on the upwind side of the road (24.77 ± 10.68 cm). Downwind use plots (18.12 ± 8.13 cm) had slightly lower average snow depths compared to snow-managed control plots (29.17 ± 12.43 cm).

The snow hardness, as measured using the push-pull gauge, was higher at plots on the downwind side (13.49 ± 2.24 Newtons [N]) of the WTHR compared to plots on the upwind side of the road (8.37 ± 1.27 N). On both the

upwind and downwind sides of the WTHR, average snow hardness was lower (i.e., softer snow present) in use plots compared to the two types of control plots (Table 62; Figure 32).

Table 62: Snow Measurement Metrics Collected at Survey Plots on the Upwind and Downwind Side of the Whale Tail Haul Road

Sampling Location	Average Snow Depth \pm 1 SE (cm)	Average Snow Hardness \pm 1 SE (N)
Downwind Plots (East)		
Snow-management Control	29.17 + 12.43	17.49 + 5.67
Unmanaged Control	-	12.36 + 2.90
Use Plot	18.12 + 8.13	10.61 + 2.27
All Downwind Plots	23.64 + 7.31	13.49 + 2.24
Upwind Plots (West)		
Snow-management Control	24.77 + 10.68	9.07 + 2.44
Unmanaged Control	-	8.22 + 2.35
Use Plot	24.50 + 10.65	7.81 + 2.05
All Upwind Plots	24.63 + 7.28	8.37 + 1.27

Note: SE = standard error; cm = centimetre; N = Newtons of force

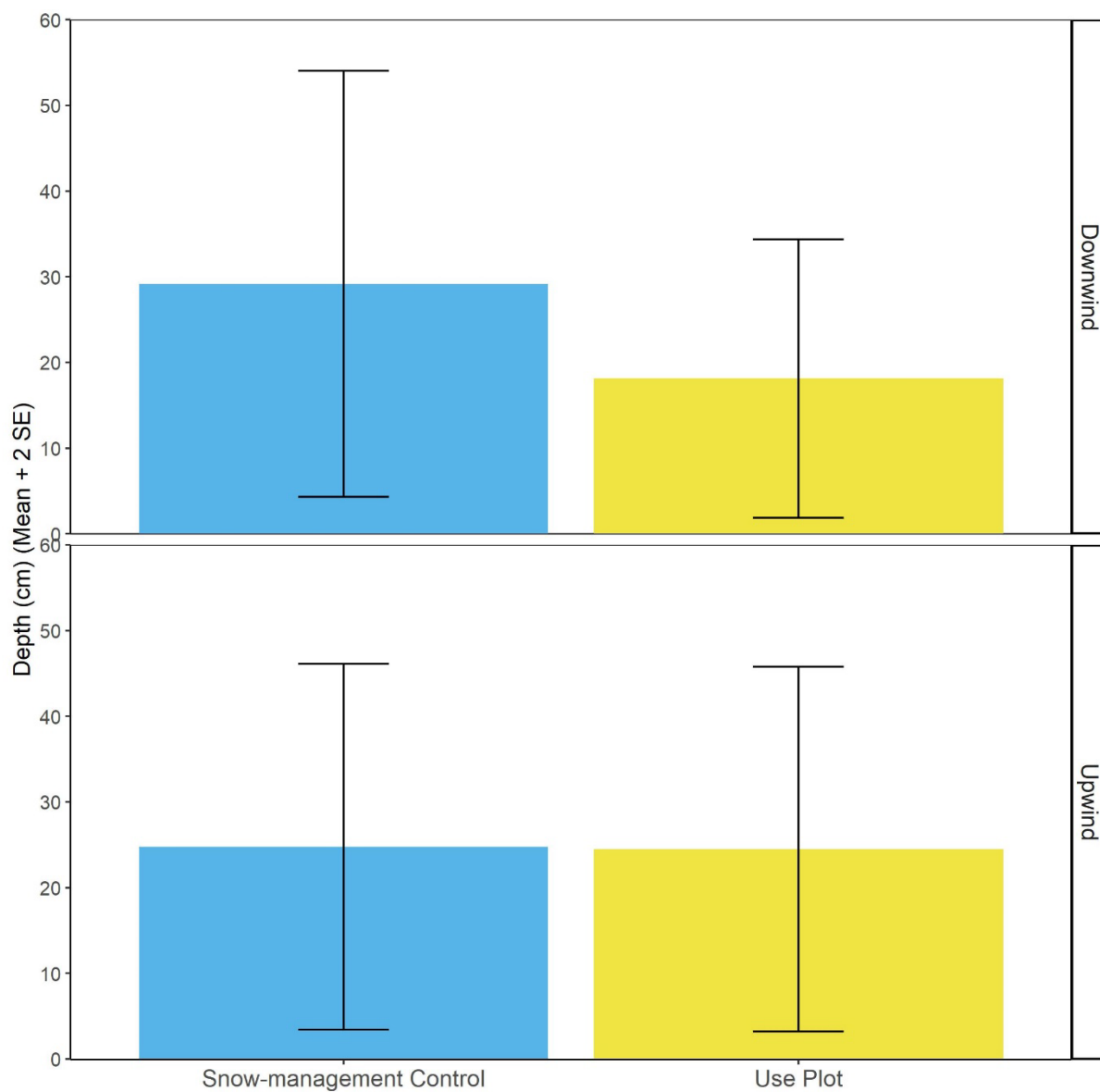


Figure 31: Snow Depth Measurements Collected at Survey Plots on the Upwind and Downwind Side of the Whale Tail Haul Road.

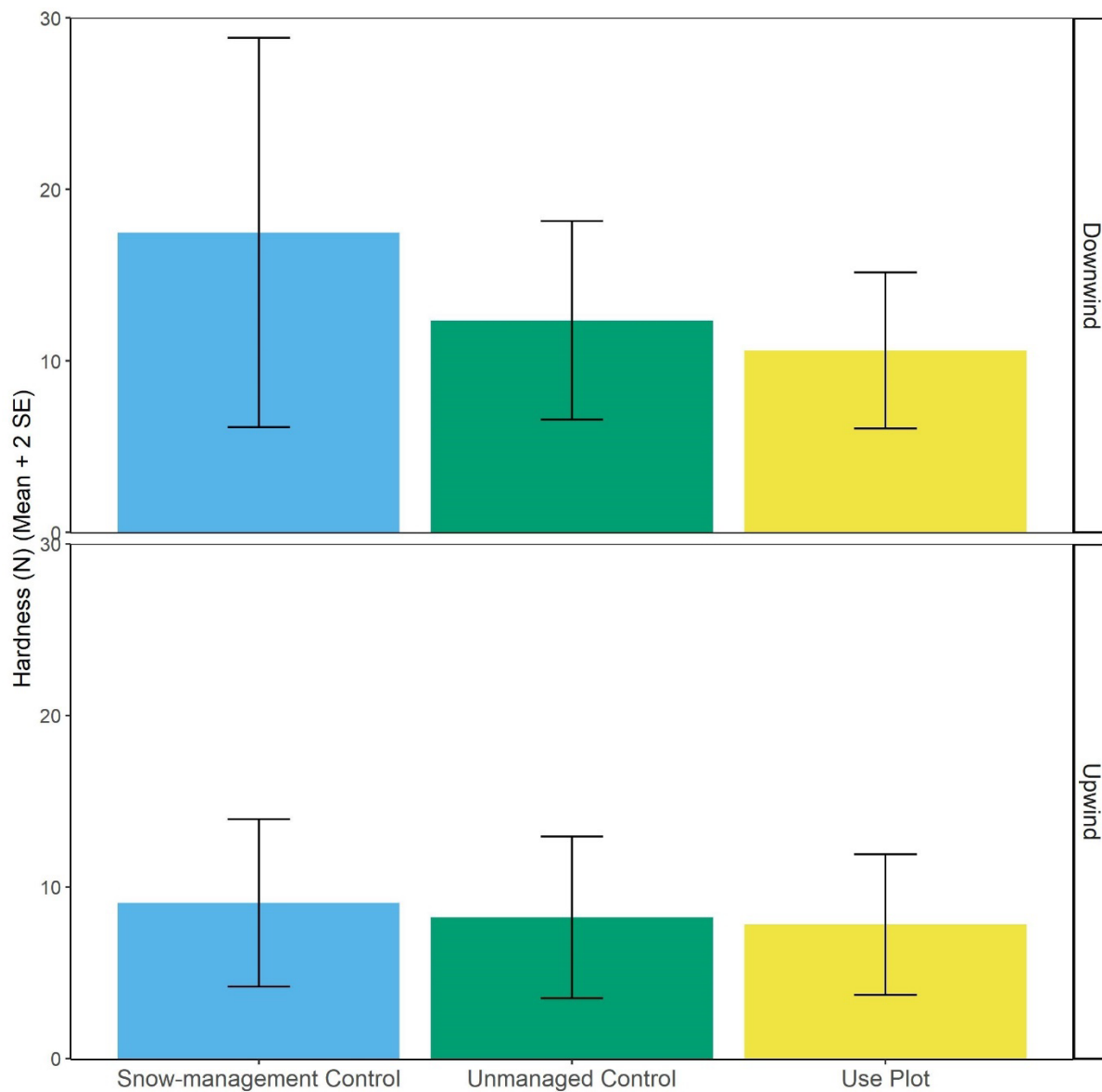


Figure 32: Snow Hardness Measurements Collected at Survey Plots on the Upwind and Downwind Side of the Whale Tail Haul Road.

17.1.4 Management Recommendations

For any future data collection using the current study design, the caribou track depth information should be collected in the use plot and in the unmanaged control plot to facilitate comparison between the snow conditions in the berm and beyond the berm. The 2020 and 2021 monitoring years acted as a pilot study to evaluate the effectiveness of the survey techniques and to guide future monitoring activities. The three-year monitoring program will begin in 2022, and additional resources have been allocated for completion of the snow study.

17.2 Caribou Behaviour

The following is a summary of the Meadowbank Gold Mine Caribou Behaviour Study, 2021, completed by ERM Consultants Canada Ltd. (ERM 2022; Appendix L).

17.2.1 Overview

As part of the Nunavut Impact Review Board (NIRB) Project Certificates #004 and #008, Agnico Eagle is required to study and report on the effects of the Project on caribou. The TEMP (Agnico Eagle 2019) includes behaviour monitoring for caribou.

During 2020, Agnico Eagle retained ERM to update the field protocols used for behaviour monitoring. ERM adapted standard methods for caribou behaviour monitoring developed by the Government of Northwest Territories Department of Environment and Natural Resources (GNWT ENR). Following the first year of data collection in 2020 and comments from the TAG, GN, and KivIA, the protocols were updated for the 2021 season to improve the quality of the data collected.

Based on guidance from the TEMP (Agnico Eagle 2019), the overall objective of the caribou behaviour monitoring program is to determine if caribou activity budgets change with distance from the mine, and to document caribou response to stressors.

The detailed objectives of the 2020 and 2021 combined study were:

- 1) To conduct a study using the Government of Northwest Territories Department of Environment and Natural Resources (GNWT ENR 2017) behaviour survey methodology at the Project site to estimate how the AWAR, WTHR, and site infrastructure contribute to the effects of the Project on caribou.
- 2) To collect a set of 100 samples of caribou behaviour each year.
- 3) To use information from the surveys to determine what factors predict caribou behaviour, specifically comparing:
 - near vs. far;
 - large groups of caribou vs. small groups;
 - surveys with and without disturbances;
 - road open vs. closed; and
 - upstream vs. downstream side of the road (east or west side, as determined by dominant direction of travel in each season).

17.2.2 Methods

17.2.2.1 Field Surveys

Field surveys were conducted primarily during spring and fall migration in 2020 and 2021 by the Agnico Eagle environmental technicians. These technicians were trained and were dedicated to conducting behaviour surveys. Each survey lasted 30 minutes, with scan samples conducted every three minutes. In the case that a disturbance event occurred during the survey the time and type of disturbance was recorded.

Alert behaviour and trotting or running were considered disturbance “response behaviours” and were grouped together in the subsequent data analysis. In this report, alert and running behaviours are referred to collectively as

response behaviours, but it is important to note that this is irrespective of whether or not there were disturbances recorded. Caribou may exhibit these behaviours without a disturbance occurring. Walking was also assessed as a response behaviour in some analyses, which are specifically noted in the results.

Following recommendations from the TAG in 2021, an additional set of longer surveys was completed to specifically look at the behavioural response to convoys of vehicles. These surveys were 90 minutes each, consisting of a “before convoy”, “during convoy” and “after convoy” survey. Observers sought out caribou that were likely to remain within view for 90 minutes, such as caribou that were feeding or laying down. Nine surveys were completed using this extended methodology. These are explored visually in the results, but were not analysed in a separate statistical analysis due to the small sample size.

17.2.2.2 Data Analysis

The objective of the data analysis was to quantify trends in the survey data, and determine whether factors such as distance to Project infrastructure (road), group size, or the disturbances could be used to explain caribou behavior. The primary hypothesis was that caribou closer to the road would demonstrate a stronger response to disturbances.

Following the 2020 analysis, there was a suggestion from the TAG to explore whether the proportion of walking caribou changed as a response to disturbance. This was done to see if walking would be better categorized as a response behaviour or a non-response behaviour. For the analysis, walking data was still kept separate from running or alert behaviours (the previous response behaviours), because the proportion of caribou walking was substantially higher at any given time than the proportion exhibiting alert or running behaviour. Grouping the three “response” behaviours together would risk washing out the potentially higher stress behaviours of alert and running.

Generalized linear mixed-effects models were used to assess the differences in the proportion of response behaviours in surveyed animals as a function of various controlling variables, including the occurrence of disturbances. This regression framework provides a means to control for habitat, environmental variables, repeated measurements, and spatial correlation.

Statistical analyses were conducted using the data from each three-minute time interval in each survey. Three dependent variables were tested:

- 1) Proportion of response behaviours in each time interval.
- 2) Proportion of walking behaviour in each time interval.
- 3) The number of minutes it took caribou to return to background behavior levels every time there was a disturbance.

The three dependent variables were modelled against a suite of potentially important variables to determine if there was any statistical relationship with response behaviour. The variables included in this analysis were group size, distance to road, temperature, wind speed, season and side of the road (upstream/downstream), the roads status (closed or open), and whether or not a disturbance occurred in the survey. Season and side of the road were included as an interaction term, because direction of travel is seasonally dependent. A random effect was included for survey ID, because the three-minute intervals within each 30-minute survey are interrelated.

Full methods used for the caribou behaviour monitoring program are presented in Appendix L.

17.2.3 Results

The behaviour monitoring data from 2021 were combined with data from 2020, and all results outlined in this report use both years, unless otherwise stated. The program and combined data resulted in several key findings:

- The standard monitoring protocols adapted from the GNWT ENR worked well at the Project site.
- 134 surveys were conducted in 2021, compared to 116 in 2020; 114 surveys occurred during spring migration from March to May, 15 occurred during calving and summer from June to August, and five occurred during fall migration from September to December.
- Caribou mostly exhibited the non-response behaviours of standing, laying, feeding, and walking.
- Observations were well distributed across a range of caribou group sizes from 1 to 2 individuals to >1,000.
- Larger groups of caribou tended to be recorded further from the road. Only two groups larger than 100 individuals were recorded within 100 m of the road at the start of the survey, both in 2021.
- Caribou group size was not linked to response behaviour or walking behaviour in statistical analyses.
- Statistical analysis indicated that there is a trend for caribou at greater distance from the road (>1,000 m) to have a lower proportion of response behaviours (alert and running) than caribou within 100 m of the road.
- Approximately 70% of the surveys included a disturbance event; typically, haul traffic and light trucks from the mine, and occasionally all-terrain vehicles (ATVs) from Baker Lake on the AWAR for travel and harvesting.
- Following a disturbance event, the proportion of response behaviours in a group of caribou was significantly higher, but generally returned to baseline behaviours within one or two sampling intervals (i.e., three or six minutes).

In response to comments from the KivIA, the behaviour of “walking” was investigated for whether it may be an “alert” behaviour instead of a non-response behaviour, however, disturbances did not statistically affect the proportion of caribou walking.

- Surveyors conducted special 90-minute surveys during convoys to assess whether the response to convoys was similar to that of other vehicles. Caribou responded similarly to convoys but possibly for longer than for other vehicles. More convoy surveys are needed to analyse the data statistically.
- During periods when large groups of caribou are present, the AWAR and WTHR are closed following a decision tree in the Meadowbank Mine TEMP, reducing the potential to record interactions between vehicles and caribou. Road closure status did not affect behaviour in the statistical analysis, possibly due to it having less explanatory power than the other variables included.
- Groups of caribou were observed on both the east and west sides of the road in all seasons, but were more commonly observed on the west side during spring migration (a.k.a. upstream of the dominant direction of travel). Statistical analysis found that side of road and season did not affect response behaviour (alert/running), but that caribou were significantly more likely to be walking on the upstream side of the road. The dominant behaviour on the downstream side was feeding or laying down.

Full results of the caribou behaviour monitoring program are presented in Appendix L.

17.2.4 Management Recommendations

The updates applied to the survey protocol in 2021 used feedback from the first year of data and analysis, and were helpful in improving the overall quality and accuracy of the data. Even with some changes to the protocol between 2020 and 2021, the trends in the results were highly consistent between the two years of data. This increases the confidence that trends are repeatable year to year. Overall, the results of the statistical analysis provided support for the key hypothesis that caribou tend to respond to disturbances, particularly when they are close to the road. However, the analysis also found that disturbances did not have a detectable effect on caribou behaviour after three to six minutes. Additional data collection in fall and during convoys would bolster the sample size and improve the likelihood of detecting statistically significant effects.

18.0 SUMMARY

The 2021 Annual Report describes the data collected to date from the various monitoring programs associated with the TEMP Version 7 (Agnico Eagle 2019). The 2021 Annual Report describes natural and Project-related effects on wildlife populations and plant communities occurring near the Project.

In 2021, monitoring efforts focused on areas immediately around the Meadowbank Mine and Whale Tail sites, along the AWAR and the WTHR. Surveying and monitoring efforts focused on evaluating current habitat losses, monitoring nesting success of raptors, and monitoring and managing wildlife presence, particularly caribou, near the Project facilities and infrastructure. A summary of potential Project effects, threshold levels, and the 2021 monitoring results is provided in Table 63.

18.1 Accuracy of Impact Predictions

Table 63: Potential Project Effects, Thresholds, and Results of Monitoring in 2021

Potential Effect	Thresholds	Monitoring Methods	Frequency	Completed in 2021	Threshold Exceeded (2021)
Vegetation (Wildlife Habitat)					
Habitat Loss (Compared to Permitted Areas)	Meadowbank = 1,532 ha AWAR = 455 ha Whale Tail = 1,505 ha Threshold is >5% habitat loss of permitted area	Ground Surveys; Mapping and GIS analyses – ELC habitat mapping	Every three years	YES	NO
Habitat Reclamation following Mine Closure	NA	Ground Surveys; Mapping and GIS analyses – ELC habitat mapping	Every three years to 11 years post-closure	NO	Not Applicable
Ungulates					
Habitat Loss and Degradation (Compared to Permitted Areas)	Meadowbank Growing = 531 ha Winter = 407 ha Whale Tail Growing = 76 ha Winter = 602 ha	Ground Surveys; Mapping and GIS analyses – ELC habitat mapping	Every three years	YES	NO
Sensory Disturbance	No threshold but Decisions Trees followed when caribou are seen near mine facilities	AWAR, Vault Haul Road, and WTHR surveys; Satellite-collaring data; Viewshed surveys; Daily and weekly pit and Mine-site ground surveys; Incidental wildlife reporting	Daily / weekly	YES	Not Applicable
Project-related Mortality - Vehicle Collisions	2 individuals (cumulative across Project)	AWAR and WTHR surveys; daily and weekly pit and Mine-site ground surveys; collision reporting system	Mine site – daily AWAR and WTHR – up to every two days at peak migration	YES	NO
Hunting by Baker Lake Residents	20% Change in Harvest Patterns in RSA from Historic	Hunter Harvest Study	Yearly	YES	NO

Table 63: Potential Project Effects, Thresholds, and Results of Monitoring in 2021

Potential Effect	Thresholds	Monitoring Methods	Frequency	Completed in 2021	Threshold Exceeded (2021)
Other Project-related Mortality	2 individuals (cumulative across Project)	Daily and weekly pit and Mine-site ground surveys; collision reporting system	Daily	YES	NO
Predatory Mammals					
Disturbance to denning predators	1 den failure	Den site surveys	As required	NO	NO
Project-related Mortality	2 individuals (cumulative across Project)	AWAR and WTHR surveys; daily and weekly pit and Mine-site ground surveys; collision reporting system	Mine site – daily AWAR and WTHR – up to every two days at peak migration	YES	NO. One wolverine mortality in 2021.
Raptors					
Disturbance of Nesting Raptors	1 Nest Failure	Daily and weekly pit and Mine-site ground surveys; Incidental wildlife reporting; Dedicated raptor nest surveys; AWAR, Vault Haul Road, and WTHR surveys	Nests within 200 m - daily Nests from 200 to 1000 m - weekly	YES	NO
Project-related Mortality	1 individual (cumulative across Project)	AWAR, Vault Haul Road, and WTHR surveys; Daily and weekly pit and Mine-site ground surveys; Collision reporting system	Mine site – daily AWAR and haul roads – up to every two days at peak migration	YES	NO
Waterbirds					
Disturbance of Nesting Waterfowl	1 Nest Failure	Daily and weekly pit and Mine-site ground surveys; Waterbird nest surveys	Yearly - for active nests within 200 m	YES	NO
Project-related Mortality	1 individual (cumulative across Project)	AWAR, Vault Haul Road, and WTHR surveys; Collision reporting system	Mine site – daily AWAR and WTHR – up to every two days at peak migration	YES	NO
Other Breeding Birds					
Changes in Breeding Bird Populations	20% Change from Natural	PRISM Plots and Breeding Bird Surveys	PRISM – 48 PRISM sites over ten years (2021 to 2031) Breeding Bird Surveys – at minimum every three years	Not Applicable	Not Applicable

AWAR = All Weather Access Road, ELC = Ecological Land Classification, GIS = geographic information systems, ha = hectares,
 RSA = Regional Study Area, WTHR = Whale Tail Haul Road

19.0 CLOSURE

We trust the above meets your present requirements. If you have any questions or require additional information, please do not hesitate to contact the undersigned.

Your Truly,

Golder Associates Ltd.

ORIGINAL SIGNED BY

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APPENDIX A

Wildlife Observations

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-01-01	2021-01-01 10:55	Wolverine	1	Walking	N/A		90	East		Technician was on the road but not around this area.	-96.222082	64.975014			Not Exceeded	No action required
Road	2021-01-01	2021-01-01 12:25	Muskox	14	Resting	N/A	1000	97	West	No		-96.177600	65.022983			Exceeded	Speed Restriction Applied.
Incidental	2021-01-04	2021-01-04 11:35	Muskox	50	Foraging	N/A		92	West			-96.221913	64.994349			Exceeded	Speed Restriction Applied.
Road	2021-01-09	2021-01-09 12:00	Muskox	3	Standing	N/A	400	94	East	No		-96.211928	65.007697			Not Exceeded	
Road	2021-01-23	2021-01-23 12:53	Crow	1	Dead	N/A		8	East	No	Mortality status undetermined - cannot confirm if the raven was dead before vehicle impact or if the death occurred with the impact of a vehicle	-96.019627	64.385344			Not Exceeded	
Road	2021-01-23	2021-01-23 13:05	Crow	32	Flying	E		2	East	Yes		-95.983543	64.335802			Not Exceeded	
Incidental	2021-01-23	2021-01-23 13:30	Wolf	1	Walking	N/A		15	West		Env. was on the road but few km away. No wolf sightseen upon team's arrival.	-96.052503	64.439805			Not Exceeded	No action required
Road	2021-01-29	2021-01-29 11:57	Muskox	10	Resting	N/A	50	92	West	No		-96.222832	64.992447			Not Exceeded	
Incidental	2021-02-10	2021-02-10 6:00	Caribou	16	Foraging	N/A		104				-96.097213	65.044578			Not Exceeded	Monitored the area
Road	2021-02-12	2021-02-12 12:38	Caribou	3	Walking	W	800	108	West	No		-96.084683	65.027332			Not Exceeded	
Incidental	2021-02-14	2021-02-14 5:35	Caribou	5	Foraging	N/A		NA			Road near the airstrip / 30 m away from the road on the west side.	-96.072500	65.025000			Not Exceeded	Monitored the area
Incidental	2021-02-14	2021-02-14 17:06	Caribou	2	Walking	N/A		NA			TPL / On TPL at the end of the airstrip.	-96.070000	65.021389			Not Exceeded	Monitored the area
Other	2021-02-19	2021-02-19 10:39	Caribou	3	Running	W	100	NA	West	Yes	Blind hill EMR	-96.092272	65.038013			Not Exceeded	
Other	2021-02-19	2021-02-19 10:48	Arctic fox	1	Running	W	100	102	West	Yes	At EMR	-96.105002	65.049189			Not Exceeded	
Other	2021-02-19	2021-02-19 12:47	Crow	1	Flying	N		11	West	Yes		-96.026285	64.408758			Not Exceeded	
Other	2021-02-19	2021-02-19 13:46	Crow	2	Flying	W	50	4	West	No		-95.997023	64.344149			Not Exceeded	
Incidental	2021-02-19	2021-02-19 14:45	Caribou	30	Foraging	N/A		NA			About 30 (2 groups of 15 ish) at 100m or more west side at km48 - Start location: Gatehouse Bluse	-96.359970	64.660841			Exceeded	Speed Restriction Applied.
Incidental	2021-02-19	2021-02-19 15:40	Caribou	4	Foraging	N/A		91		No	Km91 ish and close to road	-96.221875	64.975314			Not Exceeded	
Incidental	2021-02-19	2021-02-19 16:03	Caribou	22	Foraging	E		NA			And walking / 30m from road - on lake	-96.092368	65.036938			Not Exceeded	
Incidental	2021-02-20	2021-02-20 13:08	Muskox	8	Resting	E	50	53			50m and km 90	-96.222131	64.974277			Not Exceeded	
Incidental	2021-02-20	2021-02-20 14:34	Muskox	20	Resting	N/A		53			More than 1km away - km53	-96.376021	64.703545			Exceeded	Speed Restriction Applied.
Incidental	2021-02-20	2021-02-20 14:52	Caribou	8	Foraging	N/A		NA			More than 1 km away	-96.340576	64.796260			Not Exceeded	
Incidental	2021-02-21	2021-02-21 10:00	Caribou	4	Foraging	N/A		90				-96.222082	64.975014			Not Exceeded	No action required
Incidental	2021-02-23	2021-02-23 11:00	Caribou	29	Foraging	N/A	25	107	West			-96.071933	65.023381			Exceeded	Speed Restriction Applied.
Road	2021-03-10	2021-03-10 13:36	Caribou	6	Foraging	N/A	50	93	West	No		-96.221945	65.000781			Not Exceeded	
Road	2021-03-10	2021-03-10 13:40	Muskox	8	Resting	N/A	800	91	West	N/A		-96.224066	64.989551			Not Exceeded	
Road	2021-03-10	2021-03-10 14:33	Caribou	28	Walking	N	1000	50	West	No		-96.375252	64.684827			Exceeded	Speed Restriction Applied.
Road	2021-03-12	2021-03-12 10:54	Muskox	20	Resting	N/A	150	98	East	No		-96.153368	65.036891			Exceeded	Speed Restriction Applied.
Road	2021-03-12	2021-03-12 10:54	Caribou	2	Walking	S	600	99	East	No		-96.153323	65.036917			Not Exceeded	
Road	2021-03-12	2021-03-12 10:58	Muskox	6	Resting	N/A	300	98	West	No		-96.153323	65.036917			Not Exceeded	
Road	2021-03-12	2021-03-12 11:03	Muskox	17	Resting	N/A	50	97	West	No		-96.185204	65.015727			Exceeded	Speed Restriction Applied.
Road	2021-03-12	2021-03-12 12:18	Muskox	25	Resting	N/A	1000	51	West	No		-96.370623	64.667245			Exceeded	Speed Restriction Applied.
Road	2021-03-12	2021-03-12 12:30	Muskox	6	Resting	N/A	500	41	West	No		-96.291135	64.624890			Not Exceeded	
Incidental	2021-03-12	2021-03-12 17:00	Caribou	4	Walking	N/A		NA			Blind Hill EMR	-96.101111	65.046389			Not Exceeded	No action required
Incidental	2021-03-13	2021-03-13 14:30	Caribou	6	Foraging	N/A		93			6 caribous, West side, 50 m from the road.	-96.221967	65.000766			Not Exceeded	Monitored the area
Incidental	2021-03-13	2021-03-13 14:40	Muskox	8	Resting	N/A		91			8 Musk-Ox, West side, 800 m from the road	-96.224861	64.984690			Not Exceeded	Monitored the area
Incidental	2021-03-13	2021-03-13 15:33	Caribou	28	Walking	N/A		50			28 Caribou, walking north, West side.	-96.373099	64.679416			Exceeded	Speed Restriction Applied.
Incidental	2021-03-15	2021-03-15 15:20	Caribou	11	Not recorded	N/A		105				-96.087731	65.034125			Not Exceeded	
Incidental	2021-03-17	2021-03-17 10:50	Caribou	5	Walking	N/A		NA			Blind hill EMR - on lake	-96.101111	65.046389			Not Exceeded	No action required
Road	2021-03-17	2021-03-17 13:11	Caribou	2	Walking	E	100	104	East	No	Blind hill EMR - cow and calf / End location of survey: BL gatehouse	-96.090494	65.035222			Not Exceeded	
Road	2021-03-17	2021-03-17 13:18	Caribou	1	Walking	E		102	West	Yes		-96.121260	65.048668			Not Exceeded	
Road	2021-03-17	2021-03-17 13:21	Caribou	5	Foraging	N/A	30	102	East	No	1 joined the 5	-96.122847	65.048941			Not Exceeded	
Road	2021-03-17	2021-03-17 13:37	Muskox	9	Resting	N/A	40	93	East	No		-96.220034	64.996498			Not Exceeded	
Incidental	2021-03-17	2021-03-17 14:11	Caribou	2	Walking	N/A		NA			Blind Hill EMR / Cow and calf	-96.101111	65.046389			Not Exceeded	No action required
Incidental	2021-03-17	2021-03-17 14:18	Caribou	1	Walking	N/A		102				-96.127833	65.051700			Not Exceeded	No action required
Incidental	2021-03-17	2021-03-17 14:21	Caribou	5	Foraging	N/A		102				-96.127833	65.051700			Not Exceeded	No action required
Road	2021-03-17	2021-03-17 16:13	Muskox	8	Foraging	N/A		NA				-96.279985	64.601832			Not Exceeded	
Road	2021-03-17	2021-03-17 16:53	Caribou	56	Resting	N/A	1000	72			Resting and foraging - km 72 - distance from road: 1km	-96.321338	64.846836			Exceeded	Speed Restriction Applied.
Incidental	2021-03-17	2021-03-17 17:13	Muskox	8	Foraging	N/A		NA			14W 630142E 7166872N	-96.279985	64.601832			Not Exceeded	No action required
Incidental	2021-03-17	2021-03-17 17:53	Caribou	56	Foraging	N/A		72			Resting and foraging >1km away from road	-96.323840	64.853863			Exceeded	Speed Restriction already in effect
Incidental	2021-03-19	2021-03-19 8:52	Caribou	4	Standing	N/A		NA			Spooked by tanker heading N	-96.121681	65.048712			Not Exceeded	
Incidental	2021-03-19	2021-03-19 9:05	Muskox	7	Standing	N/A	30	NA	West		30m from road - west side	-96.188910	65.013606			Not Exceeded	
Incidental	2021-03-19	2021-03-19 9:09	Muskox	20	Foraging	N/A		NA			On hill - part of the group of 7	-96.200175	65.009444			Exceeded	Speed Restriction Applied.
Incidental	2021-03-19	2021-03-19 9:10	Muskox	4	Running	N		94			Spooked by tanker going S - km 94	-96.200217	65.009445			Not Exceeded	
Incidental	2021-03-19	2021-03-19 9:20	Muskox	6	Resting	N/A	50	91	East	No	50m from road east side km 91	-96.224908	64.985930			Not Exceeded	
Incidental	2021-03-19	2021-03-19 9:48	Caribou	15	Foraging	N/A	100	70	West	No	Grazing and walking west side of road 100m away km 70	-96.316038	64.835031			Not Exceeded	
Incidental	2021-03-19	2021-03-19 9:52	Caribou	4	Alert	N/A		102				-96.127833	65.051700			Not Exceeded	No action required
Incidental	2021-03-19	2021-03-19 10:15	Muskox	40	Resting	N/A		NA			Too far to tell age - 1km from road west side km 48	-96.370291	64.666341			Exceeded	Speed Restriction Applied.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-03-19	2021-03-19 10:48	Caribou	15	Foraging	N/A	100	70	West			-96.316518	64.836490			Not Exceeded	No action required
Incidental	2021-03-20	2021-03-20 9:24	Caribou	2	Walking	N	20	102	East	No	East side of road at km 102, 20m	-96.127437	65.051328			Not Exceeded	
Incidental	2021-03-20	2021-03-20 9:30	Caribou	10	Foraging	N/A	100	100	East	No	Km 100 east side on hill, 100m	-96.146452	65.049097			Not Exceeded	
Incidental	2021-03-20	2021-03-20 9:47	Muskox	8	Foraging	N/A	1000	92	East	No	Km 92ish east side of road at ~1000m	-96.223553	64.981002			Not Exceeded	
Incidental	2021-03-20	2021-03-20 10:18	Arctic fox	1	Foraging	E		65	East	Yes	Km 65 east side crossed road	-96.337173	64.789779			Not Exceeded	
Incidental	2021-03-20	2021-03-20 10:28	Caribou	52	Foraging	N/A	1000	59	West	No	Foraging and resting west side of road at 1km away - km 59	-96.370846	64.747989			Exceeded	Speed Restriction Applied.
Incidental	2021-03-20	2021-03-20 11:18	Arctic fox	1	Running	N/A		65			Crossed road from west to east side	-96.340619	64.794795			Not Exceeded	No action required
Incidental	2021-03-20	2021-03-20 14:08	Muskox	8	Resting	N/A		90			Crossed road from west to east side	-96.222082	64.975014			Not Exceeded	Monitored the area
Incidental	2021-03-20	2021-03-20 14:33	Muskox	32	Resting	N/A	20	96			Resting and foraging - 20 m and km 96	-96.181744	65.017529			Exceeded	Speed Restriction Applied.
Incidental	2021-03-20	2021-03-20 15:34	Muskox	20	Resting	N/A		53				-96.373087	64.706060			Exceeded	Monitored the area and Speed Restriction Applied.
Incidental	2021-03-20	2021-03-20 15:52	Caribou	8	Foraging	N/A		42				-96.294904	64.627565			Not Exceeded	
Incidental	2021-03-21	2021-03-21 14:03	Caribou	9	Resting	N/A		NA			On lake at less than 1km from airstrip	-96.085433	65.027858			Not Exceeded	
Incidental	2021-03-21	2021-03-21 14:09	Caribou	8	Foraging	N/A		NA			100m from airstrip	-96.086480	65.028777			Not Exceeded	
Road	2021-03-24	2021-03-24 8:42	Caribou	6	Foraging	N/A	10	105	East	No		-96.085068	65.033338			Not Exceeded	
Road	2021-03-24	2021-03-24 8:54	Caribou	12	Foraging	N/A	20	102	East	No		-96.123763	65.049120			Not Exceeded	
Road	2021-03-24	2021-03-24 9:06	Muskox	19	Foraging	N/A	10	97	West	No	2 walking	-96.161854	65.030640			Exceeded	Speed Restriction Applied.
Road	2021-03-24	2021-03-24 11:53	Muskox	5	Resting	N/A	1000	40	West	No	West side at 1km away, km 40	-96.279470	64.601544			Not Exceeded	
Road	2021-03-24	2021-03-24 11:53	Caribou	7	Foraging	N/A		NA			Km103 - 1 young observing - 25m from road on west side	-96.099330	65.045424			Not Exceeded	
Road	2021-03-24	2021-03-24 13:19	Caribou	7	Foraging	N/A	25	103	West	No	Km103 - 1 young observing - 25m from road on west side	-96.099330	65.045424			Not Exceeded	
Incidental	2021-03-24	2021-03-24 16:22	Caribou	4	Walking	N/A		104			km 104 - EMR blind hill / East side of road, walking on lake, direction SW, 1km away from road	-96.097213	65.044578			Not Exceeded	
Road	2021-03-27	2021-03-27 12:50	Caribou	20	Resting	N/A	300	105	East	No	Resting	-96.070790	65.023434			Not Exceeded	
Road	2021-03-27	2021-03-27 12:58	Caribou	7	Foraging	W	25	103	West	No		-96.070233	65.023335			Not Exceeded	
Road	2021-03-27	2021-03-27 13:17	Muskox	28	Resting	E	400	97	East	No		-96.070322	65.023434			Exceeded	Speed Restriction Applied.
Road	2021-03-27	2021-03-27 13:25	Caribou	14	Foraging	N	1000	95	West	No		-96.070322	65.023434			Not Exceeded	
Incidental	2021-03-27	2021-03-27 14:00	Arctic fox	1	Dead	N/A		103			Project related mortality- The fox carcasses was collected.	-96.110794	65.048902			Not Exceeded	
Road	2021-04-01	2021-04-01 12:53	Caribou	1	Foraging	N/A	250	91	East	No	Traces of caribous (about 25) crossing at KM 102	-96.224861	64.984690			Not Exceeded	
Road	2021-04-01	2021-04-01 12:57	Caribou	4	Walking	E	0	91	Both	Yes	Traces of caribous (about 25) crossing at KM 102	-96.224861	64.984690			Not Exceeded	
Road	2021-04-01	2021-04-01 13:23	Caribou	175	Walking	N	700	77	West	No	Traces of caribous (about 25) crossing at KM 102	-96.339077	64.895114			Exceeded	Speed Restriction Applied.
Road	2021-04-05	2021-04-05 12:07	Caribou	25	Foraging	N/A	200	104	West	No	Loader passed and they didn't move	-96.070363	65.023468			Not Exceeded	
Road	2021-04-05	2021-04-05 12:22	Caribou	13	Foraging	N/A	60	102	West	No	Marks of caribous (about 15) crossing at km 102	-96.070363	65.023468			Not Exceeded	
Road	2021-04-05	2021-04-05 12:40	Caribou	20	Resting	N/A	1300	98	West	No		-96.070879	65.012091			Not Exceeded	
Road	2021-04-05	2021-04-05 12:51	Caribou	5	Foraging	N/A	100	96	East	No		-96.185664	65.015384			Not Exceeded	
Road	2021-04-05	2021-04-05 13:00	Muskox	7	Resting	N/A	900	92	East	No		-96.220967	64.999093			Not Exceeded	
Road	2021-04-05	2021-04-05 14:10	Caribou	35	Foraging	N/A	700	56	West	No		-96.346678	64.725114			Exceeded	Road closed
Road	2021-04-05	2021-04-05 14:25	Caribou	90	Walking	N	400	53	West	No	30 caribous at 400m from road, the rest is at at least 800m	-96.346710	64.725116			Exceeded	Road closed
Road	2021-04-05	2021-04-05 14:45	Caribou	35	Resting	N/A	1500	44	West	No		-96.304120	64.641932			Exceeded	Road closed
Road	2021-04-05	2021-04-05 15:00	Muskox	13	Resting	N/A	400	38	West	No		-96.282943	64.608322			Not Exceeded	
Road	2021-04-05	2021-04-05 15:06	Caribou	26	Foraging	N/A	1000	37	West	No		-96.273921	64.587239			Not Exceeded	
Road	2021-04-05	2021-04-05 15:47	Caribou	6	Running	SW	200	11	West	No		-96.010477	64.374081			Not Exceeded	
Road	2021-04-06	2021-04-06 8:41	Caribou	3	Foraging	N/A	100	103	West	No		-96.113201	65.048774			Not Exceeded	
Road	2021-04-06	2021-04-06 8:52	Caribou	19	Foraging	N/A	0	102	Both	Yes	Both sides, 7 crossed the road, going NO, 2 that were further away from main group. 1 crossed Going SE	-96.125240	65.049553			Not Exceeded	
Road	2021-04-06	2021-04-06 9:08	Caribou	7	Walking	N	1000	102	West	No		-96.140673	65.056587			Not Exceeded	
Road	2021-04-06	2021-04-06 9:35	Caribou	2	Foraging	N/A	2000	94	West	No		-96.214210	65.007096			Not Exceeded	
Road	2021-04-06	2021-04-06 9:38	Caribou	14	Foraging	N/A	1000	92	West	No		-96.222868	64.992416			Not Exceeded	
Road	2021-04-06	2021-04-06 9:50	Caribou	45	Foraging	N/A	700	91	West	No	Four of the caribou were walking south towards a group of 28 foraging animals. Close enough to consider as 1 group.	-96.222868	64.992416			Exceeded	Road closed
Road	2021-04-06	2021-04-06 10:27	Caribou	57	Resting	N/A	200	78	West	No	50% resting, 10% walking towards the road, 40% foraging	-96.314029	64.910031			Exceeded	Road closed
Road	2021-04-06	2021-04-06 10:51	Caribou	20	Walking	N	700	77	West	No		-96.340877	64.893703			Not Exceeded	
Road	2021-04-06	2021-04-06 11:12	Caribou	10	Walking	N	250	67	West	No		-96.324465	64.814939			Not Exceeded	
Road	2021-04-06	2021-04-06 11:28	Caribou	16	Foraging	N/A	50	58	West		Close to the road and ran at about 200 meters from the road when we arrived	-96.347127	64.770135			Not Exceeded	
Road	2021-04-06	2021-04-06 11:49	Caribou	13	Foraging	N/A	500	50	West	No	Half foraging and half standing but not on alert.	-96.347127	64.770135			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-04-06	2021-04-06 12:04	Caribou	47	Foraging	N/A	2000	49	West	No	Decided behavior was foraging despite distance away because caribou were generally stationary and heads/neckes were generally down	-96.370956	64.671229			Exceeded	More than 1500m from the road
Road	2021-04-06	2021-04-06 12:17	Caribou	105	Foraging	N/A	1500	43	West	No	10% resting	-96.316527	64.653559			Exceeded	Road closed
Road	2021-04-06	2021-04-06 12:29	Muskox	17	Resting	N/A	1200	39	West	No		-96.316526	64.653559			Exceeded	Road closed
Road	2021-04-06	2021-04-06 12:40	Caribou	5	Walking	NE	2000	38	West	No		-96.275824	64.590725			Not Exceeded	
Road	2021-04-06	2021-04-06 13:05	Caribou	100	Running	E	1500	26	East	No	App continually crashing. Location KAK GPS waypoint C11. Running when first observed and ended up slowing down to a walk. 1-2km drive south the road a hunter observed in the area	-96.161459	64.523534			Exceeded	Road closed
Road	2021-04-06	2021-04-06 13:30	Arctic hare	2	Resting	N/A	30	9	West	No		-96.016660	64.386225			Not Exceeded	
Incidental	2021-04-07	2021-04-07 7:15	Wolf	1	Walking	E		NA			At goose dike walking east to the tundra	-96.073584	65.021199			Not Exceeded	
Road	2021-04-07	2021-04-07 7:39	Caribou	4	Foraging	N/A	250	99	East	N/A		-96.153223	65.042092			Not Exceeded	
Road	2021-04-07	2021-04-07 7:52	Muskox	34	Foraging	N/A	200	93	West	N/A		-96.222612	65.002146			Exceeded	Road closed
Incidental	2021-04-07	2021-04-07 10:26	Caribou	52	Resting	N/A	250	99	East	N/A		-96.073596	65.021209			Exceeded	Road closed
Incidental	2021-04-07	2021-04-07 15:00	Wolverine	1	Running	S		NA			At the Landfill. He ran behind the pile and I lost track. No presence	-96.073584	65.021199			Not Exceeded	
Road	2021-04-09	2021-04-09 9:13	Caribou	4	Foraging	N/A	100	105	West	N/A		-96.090558	65.035234			Not Exceeded	
Road	2021-04-09	2021-04-09 9:27	Caribou	6	Alert	N/A	250	100	West	N/A		-96.146660	65.048530			Not Exceeded	
Road	2021-04-09	2021-04-09 10:10	Muskox	32	Resting	N/A	100	93	West	N/A		-96.221271	64.999732			Exceeded	Road closed
Incidental	2021-04-09	2021-04-09 13:43	Caribou	18	Foraging	W	20	103	West	No		-96.111348	65.048795			Not Exceeded	
Road	2021-04-09	2021-04-09 16:44	Caribou	66	Resting	N/A	400	101	West	No	Road closed - snow drift and caribou	-96.129758	65.053941			Exceeded	Road closed
Road	2021-04-09	2021-04-09 17:00	Caribou	56	Resting	N/A	1000	95	West	No		-96.181665	65.017632			Exceeded	Road closed
Road	2021-04-09	2021-04-09 17:14	Muskox	28	Resting	N/A	75	92	West	No		-96.220645	64.998592			Exceeded	Road closed
Road	2021-04-09	2021-04-09 17:25	Caribou	74	Foraging	N/A	400	89				-96.221055	64.970766			Exceeded	Road closed
Road	2021-04-09	2021-04-09 17:34	Caribou	14	Foraging	N/A	600	86	West	No		-96.251630	64.948910			Not Exceeded	
Road	2021-04-09	2021-04-09 17:41	Caribou	45	Walking	NE	1800	85	East	No		-96.254489	64.943284			Exceeded	Road closed
Road	2021-04-10	2021-04-10 5:45	Caribou	4	Foraging	N/A	25	103	West	No		-96.110794	65.048902			Not Exceeded	
Road	2021-04-10	2021-04-10 5:49	Caribou	1	Walking	E	0	102	East	Yes		-96.127833	65.051700			Not Exceeded	
Road	2021-04-10	2021-04-10 7:56	Caribou	17	Foraging	N/A	800	17	West	N/A		-96.077050	64.453259			Not Exceeded	
Road	2021-04-10	2021-04-10 8:08	Muskox	29	Foraging	N/A	150	NA	East	No		-96.220600	64.998500			Exceeded	Road closed
Road	2021-04-10	2021-04-10 9:00	Caribou	55	Walking	N	1000	72	West	No	Some individuals Running or foraging. Walking dominant behaviour	-96.323950	64.850290			Exceeded	Road closed
Road	2021-04-10	2021-04-10 9:14	Caribou	28	Walking	E	0	71	Both	Yes	25 caribou on east side walking east away from the road. 3 additional caribou stayed on the west side, and turned away and walked west.	-96.316680	64.838570			Not Exceeded	
Road	2021-04-10	2021-04-10 9:38	Caribou	35	Walking	N	200	68	West	No		-96.326610	64.820700			Exceeded	Road closed
Road	2021-04-10	2021-04-10 9:52	Caribou	8	Walking	SW	600	65	West	No		-96.342260	64.785520			Not Exceeded	
Incidental	2021-04-10	2021-04-10 10:30	Caribou	40	Resting	N/A	600	74	West	No		-96.324190	64.871440			Exceeded	Road closed
Incidental	2021-04-10	2021-04-10 11:15	Caribou	35	Standing	N/A	600	92	West	No		-96.220600	64.998500			Exceeded	Road closed
Incidental	2021-04-10	2021-04-10 11:37	Caribou	10	Resting	N/A	600	102	West	No	Two of the caribou were foraging. Use coordinate from KM102 - iPad was not working and GPS batteries died	-96.127833	65.051700			Not Exceeded	
Road	2021-04-11	2021-04-11 7:56	Caribou	8	Foraging	N/A	75	104	West	No	Did not seem alert when we passed by	-96.097213	65.044578			Not Exceeded	
Road	2021-04-11	2021-04-11 8:07	Caribou	28	Walking	SE	100	102	West	No	Ran south west when we got close.	-96.127833	65.051700			Not Exceeded	
Road	2021-04-11	2021-04-11 8:14	Caribou	7	Foraging	N/A	200	101	East	No		-96.140286	65.056693			Not Exceeded	
Road	2021-04-11	2021-04-11 8:29	Caribou	4	Resting	N/A	500	97	West	No	Close to the group of 28	-96.171148	65.025936			Not Exceeded	
Road	2021-04-11	2021-04-11 8:36	Caribou	10	Foraging	N/A	200	96	West	No		-96.180890	65.018097			Not Exceeded	
Road	2021-04-11	2021-04-11 8:44	Muskox	32	Resting	N/A	50	92	East	No		-96.221913	64.994349			Exceeded	Road closed
Road	2021-04-11	2021-04-11 8:50	Caribou	16	Foraging	N/A	300	91	West	No		-96.224861	64.984690			Not Exceeded	
Road	2021-04-11	2021-04-11 9:02	Caribou	28	Foraging	N/A	300	87	West	No		-96.241019	64.954197			Not Exceeded	
Road	2021-04-11	2021-04-11 9:11	Caribou	15	Alert	N/A	150	85	West	No	Ran west when we got close.	-96.261434	64.938860			Not Exceeded	
Road	2021-04-11	2021-04-11 13:02	Caribou	30	Walking	SE	400	75	West	No	Continuing survey starting at 8 KM.	-96.336143	64.879464			Not Exceeded	
Road	2021-04-11	2021-04-11 13:29	Caribou	4	Foraging	N/A	600	65	West	No		-96.340619	64.794795			Not Exceeded	
Road	2021-04-11	2021-04-11 13:38	Caribou	115	Foraging	N/A	300	61	West	No		-96.354666	64.763274			Exceeded	Road closed
Road	2021-04-11	2021-04-11 13:48	Caribou	12	Foraging	N/A	1600	58	West	No		-96.357936	64.741646			Not Exceeded	
Road	2021-04-11	2021-04-11 13:58	Caribou	16	Resting	N/A	600	54	West	No		-96.358351	64.713190			Not Exceeded	
Road	2021-04-11	2021-04-11 14:02	Caribou	15	Resting	N/A	400	53	West	No		-96.373087	64.706060			Not Exceeded	
Road	2021-04-11	2021-04-11 14:09	Caribou	42	Resting	N/A	300	51	West	No		-96.379074	64.693229			Exceeded	Road closed
Road	2021-04-11	2021-04-11 14:22	Caribou	50	Resting	N/A	500	45	West	No		-96.313357	64.652430			Exceeded	Road closed
Road	2021-04-11	2021-04-11 14:40	Caribou	24	Foraging	N/A	1500	38	West	No		-96.275824	64.590725			Not Exceeded	
Road	2021-04-11	2021-04-11 15:04	Caribou	65	Foraging	N/A	400	20	West	No		-96.095967	64.478675			Exceeded	Road closed
Road	2021-04-12	2021-04-12 13:10	Caribou	3	Foraging	N/A	400	104	East	No		-96.097213	65.044578			Not Exceeded	
Road	2021-04-12	2021-04-12 13:20	Caribou	10	Foraging	N/A	150	98	East	No		-96.157649	65.032482			Not Exceeded	
Road	2021-04-12	2021-04-12 13:30	Muskox	30	Resting	N/A	250	92	West	No		-96.221913	64.994349			Exceeded	Speed Restriction Applied.
Road	2021-04-12	2021-04-12 13:35	Caribou	2	Alert	N/A	100	91	West	No		-96.224861	64.984690			Not Exceeded	
Road	2021-04-12	2021-04-12 14:00	Caribou	50	Foraging	N/A	1700	71	West	No		-96.319701	64.844713			Exceeded	More than 1500m from the road
Road	2021-04-12	2021-04-12 14:25	Caribou	95	Foraging	N	400	58	West	No		-96.357936	64.741646			Exceeded	Speed Restriction Applied.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-04-12	2021-04-12 14:38	Caribou	25	Foraging	N/A	2000	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-04-12	2021-04-12 14:42	Caribou	8	Foraging	N/A	1000	45	West	No		-96.313357	64.652430			Not Exceeded	
Road	2021-04-12	NA		NA				NA				NA	NA				
Incidental	2021-04-13	2021-04-13 8:10	Caribou	82	Foraging	N/A	2000	101	West	No	On road to conduct behavior surveys. These are pretty far away for that. 2km out. West side of road. KM 101	-96.146946	65.053451			Exceeded	More than 1500m from the road
Incidental	2021-04-13	2021-04-13 8:37	Muskox	33	Foraging	N/A		NA				-96.222830	65.002502			Exceeded	Speed Restriction Applied.
Incidental	2021-04-13	2021-04-13 9:15	Caribou	1	Foraging	N/A	2200	83	West	No	2.2 km away. West side. Too far away for behaviour study. km 83	-96.305200	64.935047			Not Exceeded	
Incidental	2021-04-13	2021-04-13 9:21	Caribou	11	Foraging	N/A	1700	82	West	No		-96.315378	64.932919			Not Exceeded	
Incidental	2021-04-13	2021-04-13 10:43	Common raven	1	Flying	N		NA				-96.344274	64.784626			Not Exceeded	
Incidental	2021-04-13	2021-04-13 10:49	Common raven	1	Flying	N		NA				-96.350101	64.766909			Not Exceeded	
Incidental	2021-04-13	2021-04-13 11:00	Caribou	17	Foraging	N/A	1500	58	West	No		-96.355888	64.737373			Not Exceeded	
Incidental	2021-04-13	2021-04-13 11:23	Caribou	72	Not recorded	N/A	1000	57	West	No	Some hidden behind ridge so likely more than could see.	-96.357920	64.727159			Exceeded	Speed Restriction Applied.
Incidental	2021-04-13	2021-04-13 12:52	Common raven	1	Flying	E		NA			Some hidden behind ridge so likely more than could see.	-96.262106	64.580725			Not Exceeded	
Incidental	2021-04-13	2021-04-13 12:58	Common raven	6	Foraging	N/A		NA			6 ravens on the ground around something small. Maybe a gut pile from hunters. Maybe remains of a hare. Can see pieces of something but not a carcass. no other predators or scavengers observed.	-96.241630	64.570681			Not Exceeded	
Incidental	2021-04-13	2021-04-13 13:23	Ptarmigan	17	Walking	N/A	0	NA		Yes	Chilling on the road. Flushed to a rock outcropping.	-96.136005	64.507626			Not Exceeded	
Incidental	2021-04-13	2021-04-13 14:57	Common raven	2	Foraging	N/A	500	NA	West	No	Ravens over parts of a carcass mthere are a few pieces. What I can see was whiteish fur. 500m west of road.	-96.224785	64.568111			Not Exceeded	
Incidental	2021-04-13	2021-04-13 16:10	Common raven	3	Standing	N/A		NA			Perched on bridge.	-96.312553	64.829013			Not Exceeded	
Incidental	2021-04-13	2021-04-13 17:14	Caribou	15	Resting	N/A		NA				-96.252423	64.947383			Not Exceeded	
Incidental	2021-04-13	2021-04-13 17:19	Caribou	12	Foraging	N/A	500	NA	West	No		-96.219338	64.959016			Not Exceeded	
Incidental	2021-04-13	2021-04-13 17:56	Caribou	350	Walking	S	200	NA	West	No		-96.201356	65.009329			Exceeded	Speed Restriction Applied.
Road	2021-04-13	NA		NA				NA				NA	NA				
Road	2021-04-14	2021-04-14 5:22	Caribou	36	Foraging	N/A	2500	96	West	N/A		-96.180890	65.018097			Exceeded	More than 1500m from the road
Road	2021-04-14	2021-04-14 5:45	Caribou	300	Foraging	N/A	200	96	West	N/A		-96.180890	65.018097			Exceeded	Road closed
Road	2021-04-14	2021-04-14 6:22	Caribou	15	Foraging	N/A	800	95	West	N/A		-96.195218	65.012860			Not Exceeded	
Road	2021-04-14	2021-04-14 6:25	Caribou	17	Foraging	N/A	800	95	West	N/A		-96.195218	65.012860			Not Exceeded	
Road	2021-04-14	2021-04-14 6:28	Caribou	46	Walking	E	50	93	West	N/A		-96.221967	65.000766			Exceeded	Road closed
Road	2021-04-14	2021-04-14 6:29	Muskox	29	Resting	N/A	25	93	West	No		-96.221967	65.000766			Exceeded	Road closed
Road	2021-04-14	2021-04-14 6:56	Caribou	476	Foraging	N/A	800	90	West	N/A	A portion of 125 caribous cross the road from W to E	-96.222082	64.975014			Exceeded	Road closed
Road	2021-04-14	2021-04-14 8:07	Caribou	24	Foraging	N/A	800	87	West	N/A		-96.241019	64.954197			Not Exceeded	
Road	2021-04-14	2021-04-14 8:12	Caribou	71	Foraging	N/A	1000	86	West	N/A		-96.252797	64.946837			Exceeded	Road closed
Road	2021-04-14	2021-04-14 8:24	Caribou	75	Foraging	N/A	1000	79	West	N/A		-96.314922	64.909527			Exceeded	Road closed
Road	2021-04-14	2021-04-14 8:40	Caribou	92	Foraging	N/A	1000	72	West	N/A		-96.323840	64.853863			Exceeded	Road closed
Road	2021-04-14	2021-04-14 8:48	Caribou	43	Walking	S	1500	69	West	N/A		-96.314267	64.827717			Exceeded	Road closed
Road	2021-04-14	2021-04-14 8:56	Caribou	205	Foraging	N	300	68	West	N/A		-96.326808	64.820318			Exceeded	Road closed
Road	2021-04-14	2021-04-14 9:26	Caribou	53	Walking	S	1500	53	West	N/A		-96.373087	64.706060			Exceeded	Road closed
Road	2021-04-14	2021-04-14 9:31	Caribou	21	Resting	N/A	1500	52	West	N/A		-96.377445	64.700864			Not Exceeded	
Road	2021-04-14	2021-04-14 9:38	Caribou	64	Resting	N/A	2000	49	West	N/A		-96.370716	64.668800			Exceeded	More than 1500m from the road
Road	2021-04-14	2021-04-14 10:17	Caribou	16	Walking	S	500	26	West	No		-96.161459	64.523534			Not Exceeded	
Road	2021-04-17	2021-04-17 7:00	Caribou	2	Feeding	N	100	100	West	No		-96.146488	65.048837			Not Exceeded	
Road	2021-04-17	2021-04-17 8:17	Caribou	18	Walking	N	300	59	West	No		-96.357936	64.741646			Not Exceeded	
Road	2021-04-17	2021-04-17 8:22	Caribou	24	Walking	N	1000	58	West	No		-96.357936	64.741646			Not Exceeded	
Road	2021-04-17	2021-04-17 8:33	Caribou	100	Walking		500	53	West	No		-96.373087	64.706060			Exceeded	Road closed
Road	2021-04-17	2021-04-17 8:40	Caribou	26	Walking		1000	57	West	No		-96.360134	64.731372			Not Exceeded	
Road	2021-04-17	2021-04-17 8:48	Caribou	50	Foraging	N/A	700	49	West	No		-96.377445	64.700864			Exceeded	Road closed
Road	2021-04-17	2021-04-17 9:23	Caribou	41	Feeding	N/A	400	38	West	No		-96.275824	64.590725			Exceeded	Road closed
Road	2021-04-17	2021-04-17 9:43	Caribou	300	Walking	SE	400	37	West	No		-96.269004	64.584164			Exceeded	Road closed
Road	2021-04-18	2021-04-18 8:52	Caribou	52	Foraging	W	1000	43	West	N/A	Convoy, 4 tankers, 1 truck, 1 grader, 1 snowplow	-96.073702	65.021266			Exceeded	Road closed
Road	2021-04-19	2021-04-19 6:45	Caribou	3	Foraging	N/A	200	100	West	N/A	Maby more, hided behind a hill	-96.151468	65.045042			Not Exceeded	
Road	2021-04-19	2021-04-19 6:50	Caribou	18	Foraging	N/A	1000	98	West	N/A		-96.160090	65.031456			Not Exceeded	
Road	2021-04-19	2021-04-19 6:56	Caribou	26	Foraging	N/A	1000	96	West	N/A		-96.181856	65.017574			Not Exceeded	
Road	2021-04-19	2021-04-19 7:54	Caribou	6	Alert	N/A	25	53	West	N/A		-96.372278	64.706696			Not Exceeded	
Road	2021-04-19	2021-04-19 9:36	Caribou	36	Foraging	N/A	1000	49	West	N/A		-96.370701	64.669011			Exceeded	Road closed
Road	2021-04-19	2021-04-19 9:42	Caribou	38	Foraging	N/A	1000	48	West	N/A		-96.365639	64.662717			Exceeded	Road closed
Road	2021-04-19	2021-04-19 10:18	Caribou	5	Walking	S	500	30	West	No		-96.195770	64.554309			Not Exceeded	
Road	2021-04-19	2021-04-19 10:26	Caribou	17	Foraging	N/A	300	26	West	N/A		-96.161396	64.523735			Not Exceeded	
Incidental	2021-04-19	2021-04-19 11:15	Caribou	10	Walking	N	300	15	West	No		-96.046892	64.435564			Not Exceeded	
Incidental	2021-04-19	2021-04-19 11:40	Caribou	10	Foraging	N/A	600	26	West	N/A		-96.152965	64.515848			Not Exceeded	
Incidental	2021-04-19	2021-04-19 12:12	Caribou	31	Foraging	N/A	1500	48	West	N/A		-96.367316	64.663417			Not Exceeded	
Incidental	2021-04-19	2021-04-19 12:17	Caribou	33	Foraging	N/A	1500	49	West	N/A		-96.371145	64.671790			Not Exceeded	
Incidental	2021-04-19	2021-04-19 12:24	Caribou	6	Foraging	N/A	25	53	West	No		-96.375804	64.703714			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-04-19	2021-04-19 13:21	Caribou	25	Standing	N/A	1500	89	West	N/A		-96.218760	64.960328			Not Exceeded	
Incidental	2021-04-19	2021-04-19 13:54	Caribou	38	Foraging	N/A	500	103	East	N/A		-96.108658	65.048932			Exceeded	Road closed
Road	2021-04-20	2021-04-20 7:13	Caribou	8	Foraging	N/A	100	100	East	N/A		-96.147995	65.046739			Not Exceeded	
Road	2021-04-20	2021-04-20 7:49	Caribou	38	Walking	S	400	75	West	N/A		-96.345692	64.888418			Exceeded	Road closed
Road	2021-04-20	2021-04-20 8:02	Caribou	16	Walking	N	1000	72	West	N/A		-96.322314	64.847788			Not Exceeded	
Road	2021-04-20	2021-04-20 8:02	Caribou	38	Walking	N	1000	72	West	N/A		-96.071424	65.023178			Exceeded	Road closed
Road	2021-04-21	2021-04-21 8:13	Caribou	6	Alert	S	75	57	West	No	Alerted by convoy and most ran as response	-96.360134	64.731372			Not Exceeded	
Road	2021-04-21	2021-04-21 8:20	Caribou	89	Walking	S	150	53	West	No	About 25 ran south on approach but whole group then began walking south	-96.373087	64.706060			Exceeded	Road closed
Road	2021-04-21	2021-04-21 9:49	Caribou	62	Trotting/running	S	100	50	West	No	Some walking but most trotting	-96.373099	64.679416			Exceeded	Road closed
Road	2021-04-21	2021-04-21 9:52	Caribou	100	Alert	W	75	48	West	No	About 30 closer to road and ran west. Others further west	-96.370716	64.668800			Exceeded	Road closed
Road	2021-04-21	2021-04-21 10:15	Caribou	3	Standing	NW	150	33	West	No	No alert behaviour from pickup passing	-96.216309	64.571455			Not Exceeded	
Road	2021-04-21	2021-04-21 10:23	Caribou	44	Alert	W	200	27	West		Started trotting away from road as truck approached	-96.161247	64.532218			Exceeded	Road closed
Incidental	2021-04-21	2021-04-21 15:39	Caribou	50	Walking	W	50	19	Both	Deflection		-96.086600	64.470197			Exceeded	Road closed
Incidental	2021-04-21	2021-04-21 17:11	Caribou	18	Walking	N	50	65		Deflection		-96.325435	64.816806			Not Exceeded	
Incidental	2021-04-21	2021-04-21 17:49	Caribou	77	Foraging	N/A	75	83	West	No		-96.282760	64.936596			Exceeded	Road closed
Incidental	2021-04-21	2021-04-21 18:21	Caribou	16	Walking	S	200	90	East	No		-96.222082	64.975014			Not Exceeded	
Incidental	2021-04-21	2021-04-21 18:31	Caribou	20	Running	W	100	94				-96.212688	65.007507			Not Exceeded	
Incidental	2021-04-21	2021-04-21 18:38	Caribou	85	Walking	E	150	101	West	No	15 resting. Rest it it grazing	-96.140286	65.056693			Exceeded	Road closed
Incidental	2021-04-21	2021-04-21 18:58	Caribou	5	Foraging	N/A	200	104	West	No		-96.097213	65.044578			Not Exceeded	
Road	2021-04-22	2021-04-22 11:16	Arctic fox	1	Trotting/running	W	0	106	Both	No	Crossing road towards airstrip	-96.082894	65.027127			Not Exceeded	
Road	2021-04-22	2021-04-22 11:32	Caribou	14	Foraging	N/A	0	102	Both	Yes	Group foraging north (west) of road. Was able to drive pickup past at 5km/h with majority of animals still foraging, two alerted but no movement and almost immediately went back to foraging. Group tolerant same as with yesterday convoy. Later in day on return trip 7 crossed road from west to east then back again.	-96.127833	65.051700			Not Exceeded	
Road	2021-04-22	2021-04-22 11:50	Caribou	1	Foraging	N/A	120	99	East	No	Obscured unable to sex.	-96.153168	65.041963			Not Exceeded	
Road	2021-04-22	2021-04-22 11:57	Caribou	11	Foraging	S	140	97	East	No	Six of group walking south and then foraging again	-96.171148	65.025936			Not Exceeded	
Road	2021-04-22	2021-04-22 12:09	Muskox	22	Foraging	N/A	200	95	East	No		-96.195218	65.012860			Exceeded	Road closed
Road	2021-04-22	2021-04-22 12:39	Caribou	375	Walking	SW	0	87	West	Yes	Group walking south from km 89. Likely more out of view behind terrain. About 100 caribou got within 150 m of the road at km88 but then walked back to rest of group 300 m west of road to forage. After observation period was able to drive by group without alert behaviour at 300 m at 10 km/h. Bulk of group still moving SW. at km87 one bull crossed the road	-96.219560	64.967443			Exceeded	Road closed
Road	2021-04-22	2021-04-22 13:41	Caribou	19	Alert	N/A	250	86	West	No	Small group but seems that larger group from 87-89 area moving to join them. Alert to truck but went back to foraging after 2 minutes.	-96.252797	64.946837			Not Exceeded	
Road	2021-04-22	2021-04-22 14:06	Caribou	27	Walking	N	400	77	West	No		-96.339077	64.895114			Not Exceeded	
Road	2021-04-22	2021-04-22 14:31	Caribou	80	Foraging	N/A	600	64	West	No		-96.340005	64.786677			Exceeded	Road closed
Road	2021-04-22	2021-04-22 14:36	Caribou	96	Walking	S	400	61	West	No	Most walking south with some foraging.	-96.363626	64.755482			Exceeded	Road closed
Road	2021-04-22	2021-04-22 15:14	Caribou	27	Foraging	N/A	500	51	West	No		-96.379074	64.693229			Not Exceeded	
Road	2021-04-23	2021-04-23 7:02	Caribou	3	Feeding	N/A	500	105	West	No		-96.087731	65.034125			Not Exceeded	
Road	2021-04-23	2021-04-23 7:14	Caribou	6	Feeding	E	300	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-04-23	2021-04-23 7:21	Muskox	20	Standing	N/A	1000	97	East	No		-96.212688	65.007507			Exceeded	Road closed
Road	2021-04-23	2021-04-23 7:29	Caribou	30	Alert	N	500	91	West	No	Lat long position was not automatically generated. Waypoint used	-96.221875	64.975314			Not Exceeded	
Road	2021-04-23	2021-04-23 7:33	Caribou	18	Alert	N	100	89	West	No		-96.219560	64.967443			Not Exceeded	
Road	2021-04-23	2021-04-23 7:36	Caribou	3	Feeding	N/A	75	87	West	No		-96.241019	64.954197			Not Exceeded	
Road	2021-04-23	2021-04-23 7:50	Caribou	26	Alert	S	2000	81	West	No		-96.302078	64.925182			Not Exceeded	
Road	2021-04-23	2021-04-23 7:54	Caribou	86	Alert	S	200	80	West	Deflection		-96.306243	64.917070			Exceeded	Road closed
Road	2021-04-23	2021-04-23 8:16	Caribou	150	Alert	S	1000	64	West	No		-96.340619	64.794795			Exceeded	Road closed
Road	2021-04-23	2021-04-23 8:22	Caribou	60	Alert	E	700	61	West	No		-96.354666	64.763274			Exceeded	Road closed
Road	2021-04-23	2021-04-23 8:28	Caribou	75	Feeding	N/A	1000	60	West	No		-96.363626	64.755482			Exceeded	Road closed
Road	2021-04-23	2021-04-23 8:42	Caribou	45	Alert	S	100	51	West	No		-96.379074	64.693229			Exceeded	Road closed
Road	2021-04-23	2021-04-23 9:13	Caribou	100	Foraging	N/A	100	38	West	No		-96.275824	64.590725			Exceeded	Road closed

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-04-23	2021-04-23 9:15	Caribou	120	Foraging	N/A	500	37	West	No		-96.269004	64.584164			Exceeded	Road closed
Road	2021-04-23	2021-04-23 9:21	Caribou	80	Feeding	N/A	200	35	West	No	Large group spread out to km 84	-96.244259	64.573856			Exceeded	Road closed
Road	2021-04-23	2021-04-23 9:32	Caribou	50	Foraging	N/A	600	31	West	No		-96.195744	64.554261			Exceeded	Road closed
Incidental	2021-04-23	2021-04-23 18:00	Caribou	1	Dead		50	97			Non-project related - During fuel convoy, a caribou carcass was reported by an operator. Environmental technicians went out to evaluate the situation. The caribou was determined to have been killed by a wolf, and then scavenged.	-96.172210	65.025952			Not Exceeded	
Road	2021-04-24	2021-04-24 6:13	Caribou	4	Foraging	E	200	94	East	No		-96.180890	65.018097			Not Exceeded	
Road	2021-04-24	2021-04-24 6:23	Muskox	8	Foraging	N/A	350	91	East	No		-96.224861	64.984690			Not Exceeded	
Road	2021-04-24	2021-04-24 6:30	Caribou	8	Foraging	N/A	200	88	East	No		-96.219560	64.967443			Not Exceeded	
Road	2021-04-24	2021-04-24 6:41	Caribou	89	Foraging	N/A	250	87	West	No	Possibly more west of hill	-96.241019	64.954197			Exceeded	Road closed
Road	2021-04-24	2021-04-24 6:45	Caribou	125	Foraging	S	400	85	West	No	More walking south towards foraging group. Likely cannot see total numbers.	-96.252797	64.946837			Exceeded	Road closed
Road	2021-04-24	2021-04-24 6:54	Caribou	14	Walking	NE	600	83	West	No		-96.312035	64.930602			Not Exceeded	
Road	2021-04-24	2021-04-24 7:11	Caribou	31	Walking	S	300	70	Both	No	Some foraging on east side. Those on west walking south.	-96.316518	64.836490			Not Exceeded	
Road	2021-04-24	2021-04-24 7:16	Caribou	2	Walking	E	200	68	East	No		-96.326808	64.820318			Not Exceeded	
Road	2021-04-24	2021-04-24 7:20	Caribou	55	Foraging	S	150	67	West	No		-96.326202	64.812326			Exceeded	Road closed
Road	2021-04-24	2021-04-24 7:30	Caribou	200	Walking	E	0	66	Both	Yes		-96.326202	64.812326			Exceeded	Road closed
Road	2021-04-24	2021-04-24 9:09	Caribou	57	Foraging	W	1400	61	West	No		-96.354666	64.763274			Exceeded	Road closed
Road	2021-04-24	2021-04-24 9:23	Caribou	39	Foraging	E	900	59	West	No		-96.351394	64.725882			Exceeded	Road closed
Road	2021-04-24	2021-04-24 9:32	Caribou	182	Foraging	SE	900	57	West	No		-96.360134	64.731372			Exceeded	Road closed
Road	2021-04-24	2021-04-24 9:46	Caribou	64	Walking	N	600	51	West	No		-96.379074	64.693229			Exceeded	Road closed
Road	2021-04-24	2021-04-24 9:52	Caribou	41	Walking	S	500	49	West	No		-96.370716	64.668800			Exceeded	Road closed
Road	2021-04-24	2021-04-24 10:13	Caribou	11	Walking	SW	100	39	West	Deflection	Two individuals got within 100 m then turned around. Entire group then started walking back west.	-96.281437	64.604290			Not Exceeded	
Road	2021-04-24	2021-04-24 10:27	Caribou	153	Foraging	S	800	35	West	No		-96.216309	64.571455			Exceeded	Road closed
Road	2021-04-24	2021-04-24 10:45	Caribou	15	Lying Down	N/A	1500	33	West	No		-96.216309	64.571455			Not Exceeded	
Road	2021-04-24	2021-04-24 10:50	Caribou	8	Walking	SE	500	30	West	No	Actually west of km30 but option is the drop down of form (either 29 or 31).	-96.181250	64.547333			Not Exceeded	
Road	2021-04-24	2021-04-24 10:55	Caribou	5	Alert	SW	500	29	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-04-24	2021-04-24 11:03	Caribou	30	Walking	S	500	26	West	No		-96.161459	64.523534			Not Exceeded	
Road	2021-04-24	2021-04-24 11:08	Caribou	162	Walking	S	500	24	West	No	Most of group walking south but others bedded down.	-96.149475	64.514199			Exceeded	Road closed
Road	2021-04-24	2021-04-24 11:14	Caribou	210	Walking	SW	150	23	West	No	Two hunters with snowmobile west of km23 bridge. At least one harvest. Photo 3803 and 3809. Appears to under or close to 1 km from road. Caribou alerted and ran SW away from hunters over the hill where they gathered about 150 m from road. Originally group was 900 m away from road	-96.112561	64.493495			Exceeded	Road closed
Road	2021-04-24	2021-04-24 11:40	Caribou	150	Alert	NE	1200	21	East	No	Two hunters on snowmobiles. Caribou scared and ran NE. Both hunters processing kills.	-96.104504	64.486934			Exceeded	Road closed
Road	2021-04-24	2021-04-24 11:44	Caribou	50	Alert	SW	250	21	West	No	Hunter with snowmobiles scared caribou. When arrived caribou were running south and hunter is processing kills within 300 m of road. Photo 3855. Informed eric of hunting activity between km 20-23. Two other snowmobiles causing alarm to caribou 500 m south.	-96.104504	64.486934			Exceeded	Road closed
Road	2021-04-24	2021-04-24 12:08	Caribou	3	Alert	SE	250	19	East	No	Alerted by truck and trotted southeast away from road.	-96.095967	64.478675			Not Exceeded	
Road	2021-04-24	2021-04-24 12:13	Caribou	15	Trotting/runni	SW	200	18	West	No	Likely running away from hunting activity in area. Snowmobiler either 300 m to north.	-96.082395	64.461026			Not Exceeded	
Road	2021-04-25	2021-04-25 5:58	Caribou	8	Feeding	N/A	100	103	East	No		-96.110794	65.048902			Not Exceeded	
Road	2021-04-25	2021-04-25 6:17	Arctic fox	1	Feeding	N/A	25	97	West	No	Feeding on caribou carcass. Imgs 0707-0788	-96.171148	65.025936			Not Exceeded	
Road	2021-04-25	2021-04-25 6:25	Caribou	20	Walking	S	200	95	West	No	Likely more behind hill	-96.127833	65.051700			Not Exceeded	
Road	2021-04-25	2021-04-25 6:43	Wolf	5	Feeding	N/A	50	90	East	Yes	Feeding on caribou carcass. Imgs 0789-0849	-96.222082	64.975014			Not Exceeded	
Road	2021-04-25	2021-04-25 6:55	Caribou	48	Walking	W	0	89	Both	Yes	Crossing road. Imgs 0841-0848	-96.219560	64.967443			Exceeded	Road closed
Road	2021-04-25	2021-04-25 7:08	Caribou	15	Walking	W	200	88	Both	Yes	Crossing	-96.220600	64.958094			Not Exceeded	
Road	2021-04-25	2021-04-25 7:28	Caribou	25	Walking	S	300	77	West	No		-96.339077	64.895114			Not Exceeded	
Road	2021-04-25	2021-04-25 7:37	Caribou	4	Foraging	N/A	100	72	West	No		-96.323840	64.853863			Not Exceeded	
Road	2021-04-25	2021-04-25 7:41	Caribou	50	Walking	S	200	70	West	No		-96.316518	64.836490			Exceeded	Road closed
Road	2021-04-25	2021-04-25 7:49	Caribou	40	Feeding	N/A	300	68	West	No		-96.326808	64.820318			Exceeded	Road closed

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-04-25	2021-04-25 8:04	Caribou	14	Foraging	N/A	300	60	West	No		-96.363626	64.755482			Not Exceeded	
Road	2021-04-25	2021-04-25 8:07	Caribou	30	Feeding	N/A	500	57	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-04-25	2021-04-25 8:20	Caribou	50	Foraging	N/A	100	53	West	No		-96.373087	64.706060			Exceeded	Road closed
Road	2021-04-25	2021-04-25 8:27	Arctic hare	5	Foraging	N/A	25	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-04-25	2021-04-25 8:36	Caribou	35	Foraging	N/A	1000	45	West	No		-96.313357	64.652430			Exceeded	Road closed
Road	2021-04-25	2021-04-25 8:40	Arctic fox	1	Trotting/running	W	0	43	Both	Yes	Appears injured	-96.300696	64.634772			Not Exceeded	
Road	2021-04-25	2021-04-25 8:53	Caribou	38	Walking	S	100	37	West	No		-96.269004	64.584164			Exceeded	Road closed
Road	2021-04-25	2021-04-25 9:12	Caribou	5	Walking	E	0	34	Both	Yes	Imgs 0859-0861	-96.240467	64.568749			Not Exceeded	
Road	2021-04-25	2021-04-25 9:49	Caribou	150	Walking	S	100	27	Both	No	Caribou on either side of road, no tracks noted crossing road, large group is travelling south	-96.161247	64.532218			Exceeded	Road closed
Road	2021-04-25	2021-04-25 10:03	Caribou	14	Foraging	N/A	26	26	West	No		-96.161459	64.523534			Not Exceeded	
Road	2021-04-25	2021-04-25 10:09	Arctic hare	2	Walking	E	0	23	Both	Yes		-96.052503	64.439805			Not Exceeded	
Road	2021-04-25	2021-04-25 10:27	Wolf	1	Alert	E	0	14	Both	Yes	No kill or caribou in sight, but wolf was following caribou tracks that had crossed the road	-96.043001	64.431208			Not Exceeded	
Road	2021-04-25	2021-04-25 10:43	Caribou	1	Injured	E	30	8	West	Deflection	Injured. Underside soaked with blood. Was near road but deflected west when pickup was parked. Imgs 0871-0875	-96.015465	64.381310			Not Exceeded	
Incidental	2021-04-25	2021-04-25 13:38	Caribou	25	Walking	E		NA			On east side of road	-96.160733	64.531002			Not Exceeded	
Incidental	2021-04-25	2021-04-25 14:00	Caribou	150	Walking	S		NA			Travelling south	-96.295687	64.628146			Exceeded	Road closed
Incidental	2021-04-25	2021-04-25 15:56	Caribou	200	Foraging	N/A		NA			Between km 86-90	-96.232688	64.957382			Exceeded	Road closed
Road	2021-04-26	2021-04-26 5:51	Caribou	11	Alert	N/A	200	85	West	No		-96.261434	64.938860			Not Exceeded	
Road	2021-04-26	2021-04-26 6:02	Caribou	96	Walking	SW	500	82	West	No		-96.312035	64.930602			Exceeded	Road closed
Road	2021-04-26	2021-04-26 6:09	Caribou	38	Foraging	N/A	1000	80	West	No		-96.306243	64.917070			Exceeded	Road closed
Road	2021-04-26	2021-04-26 6:15	Caribou	100	Walking	N	1000	79	West	No		-96.314922	64.905927			Exceeded	Road closed
Road	2021-04-26	2021-04-26 6:23	Caribou	120	Walking	N	1000	76	West	No	Scattered between km 80-75; all travelling north	-96.345654	64.887889			Exceeded	Road closed
Road	2021-04-26	2021-04-26 6:31	Caribou	30	Walking	E	0	72	Both	Yes	15 caribou crossed, 15 remain foraging on west side	-96.323840	64.853863			Not Exceeded	
Road	2021-04-26	2021-04-26 7:04	Caribou	30	Foraging	N/A	200	70	West	No		-96.316518	64.836490			Not Exceeded	
Road	2021-04-26	2021-04-26 7:14	Caribou	400	Foraging	N/A	50	69	West	No		-96.314267	64.827717			Exceeded	Road closed
Road	2021-04-26	2021-04-26 7:28	Caribou	30	Foraging	N/A	100	64	West	No		-96.340005	64.786677			Not Exceeded	
Road	2021-04-26	2021-04-26 7:37	Caribou	45	Foraging	N/A	300	61	West	No		-96.354666	64.763274			Exceeded	Road closed
Road	2021-04-26	2021-04-26 7:43	Caribou	56	Foraging	N/A	200	58	West	No		-96.357936	64.741646			Exceeded	Road closed
Road	2021-04-26	2021-04-26 7:52	Caribou	60	Foraging	N/A	100	52	West	No		-96.377445	64.700864			Exceeded	Road closed
Road	2021-04-26	2021-04-26 8:07	Caribou	40	Foraging	N/A	200	42	West	No		-96.294904	64.627565			Exceeded	Road closed
Road	2021-04-26	2021-04-26 13:48	Caribou	50	Foraging	N	200	58	West	No		-96.357936	64.741646			Exceeded	Road closed
Road	2021-04-30	2021-04-30 8:31	Muskox	8	Resting	W	700	94	West	No		-96.212688	65.007507			Not Exceeded	
Road	2021-04-30	2021-04-30 8:35	Caribou	22	Walking	N	600	94	West	No		-96.212688	65.007507			Not Exceeded	
Road	2021-04-30	2021-04-30 8:43	Caribou	18	Walking	N	400	93	West	No		-96.221967	65.000766			Not Exceeded	
Road	2021-04-30	2021-04-30 9:17	Caribou	93	Walking	N	300	93	West	No		-96.221967	65.000766			Exceeded	Road closed
Road	2021-04-30	2021-04-30 9:24	Caribou	52	Walking	N	400	92	West	No		-96.221913	64.994349			Exceeded	Road closed
Road	2021-04-30	2021-04-30 9:30	Caribou	30	Foraging	NW	300	91	West	No		-96.224861	64.984690			Not Exceeded	
Road	2021-04-30	2021-04-30 9:37	Caribou	34	Resting	N/A	400	89	West	No		-96.222082	64.975014			Not Exceeded	
Road	2021-04-30	2021-04-30 9:44	Caribou	57	Foraging	N/A	1000	87	East	No		-96.241019	64.954197			Exceeded	Road closed
Road	2021-04-30	2021-04-30 9:55	Caribou	15	Foraging	N/A	200	83	West	No		-96.301106	64.935004			Not Exceeded	
Road	2021-04-30	2021-04-30 10:16	Caribou	17	Walking	N	900	71	West	No		-96.319701	64.844713			Not Exceeded	
Road	2021-04-30	2021-04-30 10:23	Caribou	42	Walking	N	500	69	West	No	Crossing tracks km 68 to 70	-96.314267	64.827717			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:28	Caribou	45	Foraging	SE	800	68	East	No		-96.326808	64.820318			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:35	Caribou	70	Resting	N/A	600	67	East	No	They just crossed at 67, fresh tracks	-96.326202	64.812326			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:41	Caribou	7	Foraging	E	400	66	East	No	They just crossed, fresh tracks	-96.335007	64.804507			Not Exceeded	
Road	2021-04-30	2021-04-30 10:51	Caribou	50	Foraging	N/A	600	61				-96.354666	64.763274			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:58	Caribou	32	Walking	E	100	57	West	Yes	Walked away from road when went by	-96.357936	64.741646			Not Exceeded	
Road	2021-04-30	2021-04-30 11:15	Caribou	30	Resting	N/A	500	53	West	No		-96.373087	64.706060			Not Exceeded	
Road	2021-04-30	2021-04-30 11:23	Caribou	32	Foraging	N/A	700	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-04-30	2021-04-30 11:34	Caribou	17	Alert	N	300	44	West	No		-96.303521	64.641705			Not Exceeded	
Road	2021-04-30	2021-04-30 11:39	Caribou	30	Walking	E	300	43	West	No		-96.300696	64.634772			Not Exceeded	
Road	2021-04-30	2021-04-30 11:39	Caribou	42	Walking	NW	200	44	West	No		-96.303521	64.641705			Exceeded	Road closed
Road	2021-04-30	2021-04-30 12:01	Caribou	37	Walking	E	900	31	West	No		-96.204460	64.564692			Exceeded	Road closed
Road	2021-05-01	2021-05-01 7:13	Caribou	7	Resting	N/A	50	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-01	2021-05-01 7:45	Caribou	5	Walking	N	400	102	West	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-01	2021-05-01 7:51	Caribou	6	Walking	N	200	102	West	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-01	2021-05-01 7:57	Caribou	15	Walking	N	200	102	West	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-01	2021-05-01 8:05	Caribou	9	Foraging	N	400	99	West	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-01	2021-05-01 8:08	Caribou	48	Walking	N	600	98				-96.157649	65.032482			Exceeded	Road closed
Road	2021-05-01	2021-05-01 8:46	Caribou	24	Walking	N	300	97	West	No		-96.171148	65.025936			Not Exceeded	
Road	2021-05-01	2021-05-01 9:42	Caribou	7	Foraging	N/A	200	96	East	No		-96.180890	65.018097			Not Exceeded	
Road	2021-05-01	2021-05-01 9:56	Caribou	2	Foraging	N/A	300	90	East	No		-96.222082	64.975014			Not Exceeded	
Road	2021-05-01	2021-05-01 10:07	Caribou	20	Trotting/running	NW	150	83	West	No	Pick up scared them, they started running	-96.282760	64.936596			Not Exceeded	
Road	2021-05-01	2021-05-01 10:42	Caribou	15	Trotting/running	S	200	65	West	No		-96.340619	64.794795			Not Exceeded	
Road	2021-05-01	2021-05-01 10:52	Caribou	10	Trotting/running	S	150	59	West	No	Ran when they saw pick up. Visibility at 400m	-96.370585	64.749530			Not Exceeded	
Road	2021-05-01	2021-05-01 11:22	Caribou	50	Walking	S	400	42	West	No		-96.294904	64.627565			Exceeded	Road closed

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-02	2021-05-02 7:58	Caribou	16	Resting	N/A	50	105	East	No	Grader and snow blower went by and they did not move	-96.087731	65.034125			Not Exceeded	
Road	2021-05-02	2021-05-02 9:00	Caribou	7	Foraging	W	75	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-02	2021-05-02 10:03	Caribou	19	Foraging	NE	50	100	East	No	Convoy went by them	-96.146488	65.048837			Not Exceeded	
Road	2021-05-02	2021-05-02 10:13	Caribou	13	Foraging	N/A	100	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-02	2021-05-02 10:19	Caribou	2	Foraging	N/A	200	94	East	No		-96.212688	65.007507			Not Exceeded	
Road	2021-05-02	2021-05-02 10:23	Caribou	30	Walking	N	1000	93	West	No		-96.212967	65.000766			Not Exceeded	
Road	2021-05-02	2021-05-02 10:46	Caribou	7	Walking	N	800	82	West	No		-96.312035	64.930602			Not Exceeded	
Road	2021-05-02	2021-05-02 11:05	Caribou	14	Walking	S	300	68	West	No		-96.324227	64.862125			Not Exceeded	
Road	2021-05-02	2021-05-02 11:20	Caribou	13	Walking	S	400	67	West	No		-96.326202	64.812326			Not Exceeded	
Road	2021-05-02	2021-05-02 11:22	Caribou	7	Resting	N/A	400	67	East	No		-96.326202	64.812326			Not Exceeded	
Road	2021-05-02	2021-05-02 11:39	Caribou	10	Foraging	S	1300	60	West	No		-96.344400	64.773733			Not Exceeded	
Road	2021-05-02	2021-05-02 11:49	Caribou	11	Trotting/running	N	400	54	West	No		-96.358351	64.713190			Not Exceeded	
Road	2021-05-02	2021-05-02 11:51	Caribou	7	Foraging	N/A	600	54	East	No		-96.358351	64.713190			Not Exceeded	
Road	2021-05-02	2021-05-02 11:56	Caribou	66	Foraging	S	350	52	West	No		-96.377445	64.700864			Exceeded	Road closed
Road	2021-05-02	2021-05-02 12:31	Caribou	4	Walking	S	400	38	West	No		-96.275824	64.590725			Not Exceeded	
Road	2021-05-02	2021-05-02 12:37	Caribou	4	Walking	S	700	36	West	No		-96.261917	64.580427			Not Exceeded	
Road	2021-05-02	2021-05-02 12:48	Caribou	12	Foraging	N/A	800	31	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-05-02	2021-05-02 13:06	Caribou	22	Walking	N	1000	19	West	No		-96.086600	64.470197			Not Exceeded	
Road	2021-05-02	2021-05-02 13:14	Caribou	20	Running	NE	600	15	West	No	Hunter made them run	-96.052503	64.439805			Not Exceeded	
Road	2021-05-03	2021-05-03 5:02	Caribou	20	Foraging	N/A	300	104	West	No		-96.097213	65.044578			Not Exceeded	
Road	2021-05-03	2021-05-03 5:07	Caribou	6	Walking	N/A	400	101	West	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-03	2021-05-03 5:08	Caribou	23	Walking	N/A	100	100	East	No		-96.146488	65.048837			Not Exceeded	
Road	2021-05-03	2021-05-03 5:20	Caribou	15	Feeding	N/A	100	99	West	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-03	2021-05-03 5:24	Caribou	40	Walking	N/A	700	98	West	No		-96.157649	65.032482			Exceeded	Road closed
Road	2021-05-03	2021-05-03 5:29	Muskox	25	Resting	N/A	500	97	East	No		-96.171148	65.025936			Exceeded	Road closed
Road	2021-05-03	2021-05-03 5:30	Caribou	30	Feeding	N/A	600	97	West	No		-96.171148	65.025936			Not Exceeded	
Road	2021-05-03	2021-05-03 5:34	Caribou	20	Foraging	N/A	450	96	West	No		-96.180890	65.018097			Not Exceeded	
Road	2021-05-03	2021-05-03 5:50	Caribou	10	Walking	N/A	500	90	West	No		-96.222082	64.975014			Not Exceeded	
Road	2021-05-03	2021-05-03 5:52	Caribou	6	Walking	N/A	800	89	West	No		-96.219560	64.967443			Not Exceeded	
Road	2021-05-03	2021-05-03 5:53	Caribou	50	Foraging	N/A	500	89	West	No		-96.219560	64.967443			Exceeded	Road closed
Road	2021-05-03	2021-05-03 5:55	Caribou	100	Foraging	N/A	200	87	West	No		-96.241019	64.954197			Exceeded	Road closed
Road	2021-05-03	2021-05-03 5:56	Caribou	8	Walking	N/A	200	86	East	No		-96.252797	64.946837			Not Exceeded	
Road	2021-05-03	2021-05-03 6:09	Caribou	15	Walking	N/A	900	81	West	No		-96.302078	64.925182			Not Exceeded	
Road	2021-05-03	2021-05-03 6:18	Caribou	60	Foraging	N/A	300	72	West	No		-96.323840	64.853863			Exceeded	Road closed
Road	2021-05-03	2021-05-03 6:24	Caribou	60	Foraging	N/A	300	71	West	No		-96.319701	64.844713			Exceeded	Road closed
Road	2021-05-03	2021-05-03 6:33	Caribou	15	Walking	N/A	200	70	West	No		-96.316518	64.836490			Not Exceeded	
Road	2021-05-03	2021-05-03 6:43	Caribou	60	Foraging	N/A	150	68	West	No		-96.326808	64.820318			Exceeded	Road closed
Road	2021-05-03	2021-05-03 6:54	Caribou	4	Walking	N/A	300	65	West	No		-96.340619	64.794795			Not Exceeded	
Road	2021-05-03	2021-05-03 6:59	Caribou	7	Resting	N/A	300	64	West	No		-96.340005	64.786677			Not Exceeded	
Road	2021-05-03	2021-05-03 7:12	Caribou	4	Walking	N/A	600	55	East	No		-96.345974	64.718549			Not Exceeded	
Road	2021-05-03	2021-05-03 7:15	Caribou	6	Walking	N/A	600	51	West	No		-96.379074	64.693229			Not Exceeded	
Road	2021-05-03	2021-05-03 7:23	Caribou	3	Foraging	N/A	300	48	West	No		-96.368783	64.664167			Not Exceeded	
Road	2021-05-03	2021-05-03 7:45	Caribou	15	Foraging	N/A	50	29	West	No	End location = Baker Lake	-96.181250	64.547333			Not Exceeded	
Road	2021-05-04	2021-05-04 5:01	Caribou	9	Foraging	N/A	0	107	Both	Yes	Crossing fresh water barge road.	-96.071933	65.023381			Not Exceeded	
Road	2021-05-04	2021-05-04 5:07	Caribou	50	Foraging	N/A	25	104	Both	No	In the blind hill EMR.	-96.097213	65.044578			Exceeded	Road closed
Road	2021-05-04	2021-05-04 5:15	Caribou	100	Foraging	N/A	50	96	West	No		-96.180890	65.018097			Exceeded	Road closed
Road	2021-05-04	2021-05-04 5:28	Caribou	15	Walking	N/A	200	86	West	No		-96.252797	64.946837			Not Exceeded	
Road	2021-05-04	2021-05-04 5:31	Caribou	50	Walking	N/A	400	85	West	No		-96.261434	64.938860			Exceeded	Road closed
Road	2021-05-04	2021-05-04 5:33	Caribou	33	Foraging	N/A	75	83	West	No		-96.301106	64.935004			Not Exceeded	
Road	2021-05-04	2021-05-04 5:38	Caribou	14	Walking	W	0	81	Both	Yes		-96.302078	64.925182			Not Exceeded	
Road	2021-05-04	2021-05-04 5:42	Caribou	30	Foraging	N/A	200	79	West	No		-96.314922	64.909527			Not Exceeded	
Road	2021-05-04	2021-05-04 5:43	Caribou	9	Foraging	N/A	400	79	West	No		-96.314922	64.909527			Not Exceeded	
Road	2021-05-04	2021-05-04 5:46	Caribou	15	Walking	W	0	78	Both	Yes		-96.324371	64.903190			Not Exceeded	
Road	2021-05-04	2021-05-04 5:55	Caribou	20	Resting	N/A	300	70	East	No		-96.316518	64.836490			Not Exceeded	
Road	2021-05-04	2021-05-04 5:58	Caribou	27	Walking	N/A	200	70	West	No		-96.316518	64.836490			Not Exceeded	
Road	2021-05-04	2021-05-04 6:09	Caribou	20	Walking	W	0	64	Both	Yes		-96.340005	64.786677			Not Exceeded	
Road	2021-05-04	2021-05-04 6:24	Caribou	100	Foraging	N/A	200	52	West	No		-96.377445	64.700864			Exceeded	Road closed
Road	2021-05-04	2021-05-04 6:39	Caribou	20	Foraging	N/A	100	43	West	No		-96.300696	64.634772			Not Exceeded	
Road	2021-05-04	2021-05-04 6:43	Caribou	30	Walking	N/A	100	41	West	No		-96.281128	64.620277			Not Exceeded	
Road	2021-05-04	2021-05-04 6:50	Caribou	15	Walking	N/A	100	36	West	No		-96.261917	64.580427			Not Exceeded	
Road	2021-05-04	2021-05-04 7:05	Caribou	20	Walking	N/A	100	31	West	No		-96.195744	64.554261			Not Exceeded	
Road	2021-05-04	2021-05-04 8:14	Caribou	10	Foraging	N/A	500	6	West	No	End location = Baker Lake	-96.000833	64.364267			Not Exceeded	
Road	2021-05-06	2021-05-06 5:05	Caribou	14	Alert	N/A	150	105	West	No		-96.087731	65.034125			Not Exceeded	
Road	2021-05-06	2021-05-06 5:30	Caribou	10	Walking	N	800	90	West	No		-96.222082	64.975014			Not Exceeded	
Road	2021-05-06	2021-05-06 5:48	Caribou	12	Alert	N/A	25	85	East	No		-96.261434	64.938860			Not Exceeded	
Road	2021-05-06	2021-05-06 6:59	Caribou	30	Running	E	800	58	West	N/A		-96.357936	64.741646			Not Exceeded	
Road	2021-05-06	2021-05-06 7:14	Caribou	18	Running	W	1000	18	West	No		-96.082395	64.461026			Not Exceeded	
Road	2021-05-06	2021-05-06 7:17	Caribou	36	Foraging	N/A	800	19	West	N/A		-96.086600	64.470197			Exceeded	Road closed
Road	2021-05-06	2021-05-06 8:40	Caribou	28	Foraging	N/A	10	90	East	N/A		-96.222082	64.975014			Not Exceeded	
Road	2021-05-06	2021-05-06 8:48	Caribou	95	Walking	W	50	84	West	No		-96.282760	64.936596			Exceeded	Road closed
Road	2021-05-06	2021-05-06 8:50	Caribou	25	Foraging	N/A	50	84	East	N/A		-96.282760	64.936596			Not Exceeded	
Road	2021-05-06	2021-05-06 8:52	Caribou	15	Foraging	N/A	500	72	West	N/A		-96.323840	64.853863			Not Exceeded	
Road	2021-05-06	2021-05-06 8:55	Caribou	10	Alert	N/A	150	72	East	N/A		-96.323840	64.853863			Not Exceeded	
Road	2021-05-06	2021-05-06 8:58	Caribou	20	Foraging	W	25	66	West	N/A		-96.335007	64.804507			Not Exceeded	
Road	2021-05-06	2021-05-06 9:13	Caribou	11	Walking	W	300	101	West	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-06	2021-05-06 9:19	Caribou	14	Lying Down	N/A	400	96	West	No		-96.180890	65.018097			Not Exceeded	
Road	2021-05-06	2021-05-06 9:20	Caribou	24	Foraging	N/A	600	94	West	No		-96.212688	65.007507			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-06	2021-05-06 9:26	Caribou	11	Foraging	N/A	300	93	West	No		-96.221967	65.000766			Not Exceeded	
Road	2021-05-06	2021-05-06 9:27	Caribou	4	Running	S	300	91	West	No		-96.224861	64.984690			Not Exceeded	
Road	2021-05-06	2021-05-06 9:30	Caribou	8	Resting	N/A	800	89	West	No		-96.219560	64.967443			Not Exceeded	
Road	2021-05-06	2021-05-06 9:39	Caribou	1	Walking	S	400	83	West	No		-96.312035	64.930602			Not Exceeded	
Road	2021-05-06	2021-05-06 9:50	Caribou	13	Foraging	N/A	500	75	West	No		-96.336143	64.879464			Not Exceeded	
Road	2021-05-06	2021-05-06 9:54	Caribou	4	Standing	N/A	50	73	East	No		-96.324227	64.862125			Not Exceeded	
Road	2021-05-06	2021-05-06 9:56	Caribou	44	Foraging	N/A	400	72	West	No		-96.323840	64.853863			Exceeded	Road closed
Road	2021-05-06	2021-05-06 10:09	Caribou	13	Foraging	N/A	600	62	East	No		-96.344400	64.773733			Not Exceeded	
Road	2021-05-06	2021-05-06 10:15	Caribou	23	Walking	E	500	59	West	No		-96.370585	64.749530			Not Exceeded	
Road	2021-05-06	2021-05-06 10:26	Caribou	38	Walking	SW	300	52	West	No		-96.377445	64.700864			Exceeded	Road closed
Road	2021-05-06	2021-05-06 10:34	Caribou	10	Foraging	N/A	800	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-05-06	2021-05-06 10:58	Caribou	73	Walking	S	500	29	West	No		-96.181250	64.547333			Exceeded	Road closed
Incidental	2021-05-06	2021-05-06 13:45	Arctic fox	2	Resting	N/A	50	27	East	No	Burrow by the side of the road	-96.163130	64.534570			Not Exceeded	
Road	2021-05-07	2021-05-07 7:36	Caribou	2	Resting	N/A	50	107	East	No		-96.071933	65.023381			Not Exceeded	
Road	2021-05-07	2021-05-07 7:52	Caribou	54	Lying Down	N/A	100	100	East	No		-96.146488	65.048837			Exceeded	Speed Restriction Applied.
Road	2021-05-07	2021-05-07 7:57	Caribou	7	Walking	N	700	99	East	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-07	2021-05-07 7:59	Arctic hare	2	Walking	N/A	20	99	West	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-07	2021-05-07 8:06	Muskox	7	Resting	N/A	600	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-07	2021-05-07 8:23	Caribou	15	Running	S	600	86	West	No		-96.252797	64.946837			Not Exceeded	
Road	2021-05-07	2021-05-07 8:30	Caribou	18	Foraging	E	400	85	West	No		-96.252797	64.946837			Not Exceeded	
Road	2021-05-07	2021-05-07 8:36	Caribou	8	Alert	N/A	200	83	West	No	Alert upon arrival - not sure what they were doing before they saw the truck.	-96.301106	64.935004			Not Exceeded	
Road	2021-05-07	2021-05-07 8:43	Caribou	8	Feeding	S	50	82	West	No	Started walking south as truck approached.	-96.312035	64.930602			Not Exceeded	
Road	2021-05-07	2021-05-07 8:48	Caribou	2	Walking	S	500	79	West	No		-96.324371	64.903190			Not Exceeded	
Road	2021-05-07	2021-05-07 8:51	Arctic hare	1	Feeding	N/A	50	79	West	No		-96.324371	64.903190			Not Exceeded	
Road	2021-05-07	2021-05-07 9:04	Caribou	11	Walking	S	300	72	West	No	40% foraging	-95.971700	64.325250			Not Exceeded	
Road	2021-05-07	2021-05-07 9:10	Caribou	173	Foraging	SE	0	70	Both	Yes	103 on west. 22 on east. Some east animals walking SE. 48. 7 crossed. 20 ptarmigan at bridge S of caribou.	-96.319701	64.844713			Exceeded	Speed Restriction Applied.
Road	2021-05-07	2021-05-07 9:53	Caribou	37	Walking	S	500	66	West	No		-96.335007	64.804507			Exceeded	Speed Restriction Applied.
Road	2021-05-07	2021-05-07 10:04	Caribou	34	Walking	S	500	64	West	No		-96.340005	64.786677			Not Exceeded	
Road	2021-05-07	2021-05-07 10:20	Caribou	18	Foraging	N/A	1000	55	West	No		-96.345974	64.718549			Not Exceeded	
Road	2021-05-07	2021-05-07 10:30	Caribou	12	Foraging	N/A	500	53	West	No		-96.373087	64.706060			Not Exceeded	
Road	2021-05-07	2021-05-07 10:37	Arctic hare	1	Walking	N/A	100	55	West	N/A		-96.345974	64.718549			Not Exceeded	
Road	2021-05-07	2021-05-07 10:41	Caribou	4	Foraging	N/A	300	47	East	No		-96.346559	64.657993			Not Exceeded	
Road	2021-05-07	2021-05-07 10:52	Arctic fox	1	Walking	N	50	43	East	N/A		-96.300696	64.634772			Not Exceeded	
Road	2021-05-07	2021-05-07 10:58	Caribou	12	Foraging	N/A	100	39	West	No		-96.329566	64.656222			Not Exceeded	
Road	2021-05-07	2021-05-07 11:06	Caribou	6	Walking	S	1000	34	West	No		-96.240467	64.568749			Not Exceeded	
Road	2021-05-07	2021-05-07 11:17	Caribou	14	Walking	S	400	32	West	No		-96.204460	64.564692			Not Exceeded	
Road	2021-05-07	2021-05-07 11:21	Caribou	25	Walking	S	300	31	West	No		-96.195744	64.554261			Not Exceeded	
Road	2021-05-07	2021-05-07 11:25	Caribou	15	Foraging	N	200	29	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-05-07	2021-05-07 11:36	Caribou	9	Walking	SW	100	26	West	No		-96.161459	64.523534			Not Exceeded	
Road	2021-05-07	2021-05-07 11:57	Caribou	14	Walking	S	1700	19	West	No		-96.086600	64.470197			Not Exceeded	
Road	2021-05-08	2021-05-08 7:47	Caribou	6	Feeding	N/A	150	104	West	No	At the edge of the fog on a ridge. There could be more.	-96.110794	65.048902			Not Exceeded	
Road	2021-05-08	2021-05-08 7:50	Caribou	14	Resting	N/A	150	104	West	No		-96.097213	65.044578			Not Exceeded	
Road	2021-05-08	2021-05-08 7:57	Arctic hare	1	Walking	W	0	102	West	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-08	2021-05-08 8:08	Caribou	5	Foraging	N/A	200	98	West	No	Edg of fog on a ridge. Could be more.	-96.157649	65.032482			Not Exceeded	
Road	2021-05-08	2021-05-08 8:13	Common raven	2	Standing	N/A	0	97	West	No	Spooked by truck	-96.171148	65.025936			Not Exceeded	
Road	2021-05-08	2021-05-08 8:18	Arctic fox	1	Walking	W	50	92	East	No		-96.221913	64.994349			Not Exceeded	
Road	2021-05-08	2021-05-08 8:26	Ptarmigan	1	Standing	E	0	87	East	No	Spooked by truck - flew away	-96.241019	64.954197			Not Exceeded	
Road	2021-05-08	2021-05-08 8:34	Caribou	3	Foraging	N/A	500	85	East	No		-96.261434	64.938860			Not Exceeded	
Road	2021-05-08	2021-05-08 8:39	Ptarmigan	1	Standing	N/A	2	83	East	No	Not spooked by truck. Standing on rock.	-96.301106	64.935004			Not Exceeded	
Road	2021-05-08	2021-05-08 8:58	Ptarmigan	1	Standing	N/A	20	71	East	No	Standing on rock	-95.971700	64.325250			Not Exceeded	
Road	2021-05-08	2021-05-08 9:06	Caribou	13	Foraging	N/A	200	67	West	No	Alot of fog. Visibility tough past 300m.	-95.971700	64.325250			Not Exceeded	
Road	2021-05-08	2021-05-08 9:26	Caribou	8	Foraging	N/A	300	59	West	No	Spooked by truck. 4 walked away	-96.360134	64.731372			Not Exceeded	
Road	2021-05-08	2021-05-08 9:39	Caribou	12	Walking	E	600	55	West	No	Spooked by truck. Walked farther away. 1 young one. Rest female.	-96.345974	64.718549			Not Exceeded	
Road	2021-05-08	2021-05-08 9:58	Caribou	20	Foraging	N/A	600	53	West	No	Went behind a ridge	-96.373087	64.706060			Not Exceeded	
Road	2021-05-08	2021-05-08 10:00	Common raven	2	Flying	S	20	53	East	No		-96.373087	64.706060			Not Exceeded	
Road	2021-05-08	2021-05-08 10:06	Arctic hare	1	Standing	N/A	50	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-05-08	2021-05-08 10:17	Arctic fox	1	Standing	N/A	50	43	East	No	Went into it's borough.	-96.300696	64.634772			Not Exceeded	
Road	2021-05-08	2021-05-08 10:26	Arctic hare	1	Standing	N/A	10	41	East	No	Spooked by truck. Ran farther away	-96.281128	64.620277			Not Exceeded	
Road	2021-05-08	2021-05-08 10:34	Arctic hare	1	Standing	N/A	20	36	East	No		-96.275824	64.590725			Not Exceeded	
Road	2021-05-08	2021-05-08 10:38	Caribou	13	Foraging	S	300	36	West	No		-96.261917	64.580427			Not Exceeded	
Road	2021-05-08	2021-05-08 10:59	Caribou	18	Walking	S	800	23	West	No		-96.161459	64.523534			Not Exceeded	
Road	2021-05-08	2021-05-08 11:08	Siskiwit	2	Running	N/A	50	23	West	No	Playing	-96.124416	64.500556			Not Exceeded	
Road	2021-05-08	2021-05-08 11:13	Arctic hare	1	Trotting/running	E	0	22	East	Yes		-96.112561	64.493495			Not Exceeded	
Road	2021-05-08	2021-05-08 11:15	Common raven	3	Standing	N/A	150	20	West	No		-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-08	2021-05-08 12:30	Caribou	41	Walking	S	400	16	West	No	Hunter seen nearby.	-96.062421	64.446277			Exceeded	Speed Restriction Applied.
Road	2021-05-09	2021-05-09 8:58	Caribou	1	Foraging	N/A	100	103	West	No		-96.082894	65.027127			Not Exceeded	
Road	2021-05-09	2021-05-09 9:21	Caribou	6	Foraging	N/A	1200	101	West	No		-96.140286	65.056693			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-09	2021-05-09 9:27	Caribou	13	Resting	N/A	100	101	East	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-09	2021-05-09 9:33	Caribou	52	Foraging	N/A	200	101	West	No		-96.140286	65.056693			Exceeded	Speed Restriction Applied.
Road	2021-05-09	2021-05-09 9:39	Caribou	12	Foraging	N/A	200	97	West	No		-96.171148	65.025936			Not Exceeded	
Road	2021-05-09	2021-05-09 9:49	Caribou	34	Foraging	N/A	500	93	West	No		-96.221967	65.000766			Not Exceeded	
Incidental	2021-05-09	2021-05-09 9:59	Muskox	24	Lying Down	N/A	400	90	East	No		-96.222082	64.975014			Exceeded	Speed Restriction Applied.
Road	2021-05-09	2021-05-09 10:01	Caribou	9	Walking	S	600	89	West	No	May be more, on the edge of the fog	-96.219560	64.967443			Not Exceeded	
Road	2021-05-09	2021-05-09 10:06	Caribou	58	Foraging	N/A	150	85	East	No		-96.252797	64.946837			Exceeded	Speed Restriction Applied.
Road	2021-05-09	2021-05-09 10:10	Caribou	33	Foraging	N/A	200	85	West	No		-96.261434	64.938860			Not Exceeded	
Road	2021-05-09	2021-05-09 10:30	Caribou	5	Walking	N	800	74	East	No		-96.330282	64.875228			Not Exceeded	
Road	2021-05-09	2021-05-09 10:45	Caribou	2	Foraging	N/A	300	68	East	No		-96.326808	64.820318			Not Exceeded	
Road	2021-05-09	2021-05-09 11:32	Caribou	17	Walking	SE	300	66	West	No		-96.335007	64.804507			Not Exceeded	
Incidental	2021-05-09	2021-05-09 11:35	Other	1	Flying	SE	0	66	Both	Yes	Swallow sp. First observation of the year	-96.335007	64.804507			Not Exceeded	
Road	2021-05-09	2021-05-09 11:48	Caribou	30	Feeding	N/A	100	60	West	No		-96.363626	64.755482			Not Exceeded	
Road	2021-05-09	2021-05-09 12:15	Caribou	10	Foraging	N/A	500	50	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-05-09	2021-05-09 12:28	Caribou	8	Foraging	N/A	500	45	West	No		-96.313357	64.652430			Not Exceeded	
Road	2021-05-09	2021-05-09 12:36	Caribou	12	Walking	S	800	40	West	No		-96.281128	64.620277			Not Exceeded	
Road	2021-05-09	2021-05-09 12:43	Caribou	9	Walking	S	1500	39	West	No		-96.281437	64.604290			Not Exceeded	
Road	2021-05-09	2021-05-09 13:01	Caribou	10	Foraging	N/A	400	29	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-05-09	2021-05-09 13:02	Caribou	16	Walking	S	300	28	West	No		-96.170129	64.541309			Not Exceeded	
Road	2021-05-09	2021-05-09 13:19	Caribou	14	Foraging	N/A	800	28	West	No		-96.170129	64.541309			Not Exceeded	
Road	2021-05-09	2021-05-09 13:29	Caribou	17	Walking	S	1700	19	West	No		-96.086600	64.470197			Not Exceeded	
Road	2021-05-09	2021-05-09 13:35	Caribou	5	Walking	N	300	14	West	No		-96.043001	64.431208			Not Exceeded	
Road	2021-05-09	2021-05-09 13:36	Caribou	18	Walking	E	600	14	East	No	Grader ahead of us likely spooked them.	-96.043001	64.431208			Not Exceeded	
Incidental	2021-05-09	2021-05-09 15:13	Sikik	1	Standing	N/A	10	22	West	No		-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-09	2021-05-09 15:15	Arctic hare	1	Standing	N/A	10	22	East	No		-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-09	2021-05-09 15:16	Common raven	1	Flying	N	20	22	West	No		-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-09	2021-05-09 15:46	Rough-legged-H	1	Flying	N	1000	37	East	No		-96.269004	64.584164			Not Exceeded	
Incidental	2021-05-09	2021-05-09 15:59	Muskox	4	Standing	N/A	500	42	West	No		-96.294904	64.627565			Not Exceeded	
Incidental	2021-05-09	2021-05-09 16:42	Snowy owl	1	Flying	N/A	200	63	East	No		-96.344369	64.779316			Not Exceeded	
Road	2021-05-10	2021-05-10 7:53	Caribou	31	Walking	E	500	105	East	No	On the lake by the airstrip.	-96.087731	65.034125			Not Exceeded	
Road	2021-05-10	2021-05-10 8:04	Caribou	3	Foraging	N/A	100	104	West	No		-96.097213	65.044578			Not Exceeded	
Road	2021-05-10	2021-05-10 8:10	Caribou	1	Lying Down	N/A	300	104	West	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-10	2021-05-10 8:57	Caribou	15	Lying Down	N/A	1000	104	West	No	Very far from single caribou	-96.127833	65.051700			Not Exceeded	
Road	2021-05-10	2021-05-10 9:02	Arctic hare	1	Standing	N/A	400	104	West	No	Recording first hare observed during survey for time.	-96.127833	65.051700			Not Exceeded	
Road	2021-05-10	2021-05-10 9:05	Ptarmigan	1	Flying	E	0	104	East	Yes	Flew over road. Only recording first ptarmigan observed for time.	-96.127833	65.051700			Not Exceeded	
Road	2021-05-10	2021-05-10 9:18	Caribou	14	Feeding	N/A	500	103	East	No	Fox harassing the caribou and the caribou defending themselves. Very interesting interaction.	-96.110794	65.048902			Not Exceeded	
Road	2021-05-10	2021-05-10 9:21	Arctic fox	1	Feeding	N/A	500	103	East	No	Fox harassing the caribou. For fun? Rabbits? Food? Interesting interaction.	-96.110794	65.048902			Not Exceeded	
Road	2021-05-10	2021-05-10 9:33	Caribou	5	Lying Down	N/A	200	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-10	2021-05-10 9:41	Caribou	21	Foraging	N/A	1500	101	West	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-10	2021-05-10 9:47	Caribou	2	Lying Down	N/A	200	100	East	No		-96.146488	65.048837			Not Exceeded	
Road	2021-05-10	2021-05-10 10:48	Caribou	14	Lying Down	N/A	300	99	East	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-10	2021-05-10 10:53	Caribou	7	Foraging	N/A	100	99	East	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-10	2021-05-10 11:00	Caribou	13	Foraging	N/A	150	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-10	2021-05-10 11:24	Wolf	5	Walking	W	0	97	Both	Yes	Resting. As tanker approached they got up and started walking towards the road. Tanker stopped per radio request. Wolves crossed the road. Some caribou on the hill on thwt side walked over the ridge.	-95.971700	64.325250			Not Exceeded	
Road	2021-05-10	2021-05-10 11:27	Caribou	3	Foraging	W	800	97	West	No	Walked away from wolves.	-95.971700	64.325250			Not Exceeded	
Road	2021-05-10	2021-05-10 11:42	Caribou	6	Walking	S	600	94	West	No		-96.212688	65.007507			Not Exceeded	
Road	2021-05-10	2021-05-10 11:43	Caribou	3	Foraging	S	400	95	West	No	Spooked and started moving south when driving past	-96.195218	65.012860			Not Exceeded	
Road	2021-05-10	2021-05-10 11:47	Caribou	11	Walking	W	800	94	West	No		-96.212688	65.007507			Not Exceeded	
Road	2021-05-10	2021-05-10 12:05	Caribou	72	Foraging	N/A	1000	83	West	No		-96.301106	64.935004			Exceeded	Speed Restriction Applied.
Road	2021-05-10	2021-05-10 12:34	Caribou	13	Foraging	N/A	1000	73	West	No		-96.324227	64.862125			Not Exceeded	
Road	2021-05-10	2021-05-10 12:43	Caribou	28	Walking	S	400	69	West	No		-95.971700	64.325250			Not Exceeded	
Road	2021-05-10	2021-05-10 13:08	Caribou	10	Walking	S	300	60	West	No		-96.363626	64.755482			Not Exceeded	
Road	2021-05-10	2021-05-10 13:17	Sikik	1	Standing	N/A	0	56	Both	No	On road. Recording first one for time	-95.971700	64.325250			Not Exceeded	
Road	2021-05-10	2021-05-10 13:26	Caribou	22	Walking	S	500	50	West	No		-95.971700	64.325250			Not Exceeded	
Road	2021-05-10	2021-05-10 13:41	Sandhill crane	2	Standing	N/A	400	48	West	No		-96.368783	64.664167			Not Exceeded	
Road	2021-05-10	2021-05-10 13:43	Caribou	3	Foraging	N/A	2000	48	West	No		-96.368783	64.664167			Not Exceeded	
Road	2021-05-10	2021-05-10 14:15	Caribou	4	Walking	N	500	30	West	No	Km 30	-95.971700	64.325250			Not Exceeded	
Road	2021-05-10	2021-05-10 14:36	Caribou	19	Walking	S	700	20	West	No		-95.971700	64.325250			Not Exceeded	
Road	2021-05-11	2021-05-11 7:53	Caribou	5	Foraging	N/A	100	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-11	2021-05-11 7:56	Caribou	7	Foraging	N/A	100	102	West	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-11	2021-05-11 8:04	Caribou	15	Foraging	N/A	1500	101	West	No		-96.146488	65.048837			Not Exceeded	
Road	2021-05-11	2021-05-11 8:10	Caribou	9	Foraging	N/A	400	100	West	No		-96.146488	65.048837			Not Exceeded	
Road	2021-05-11	2021-05-11 8:14	Caribou	13	Feeding	N/A	150	99	East	No	Spooked by something. Ran north	-96.146488	65.048837			Not Exceeded	

Table A-1
Wildlife Observations Along the AWAR in 2021

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-11	2021-05-11 8:24	Ptarmigan	5	Flying	N	15	99	West	No	3 walking and 3 foraging. Foraging main behaviour.	-96.153168	65.041963			Not Exceeded	
Road	2021-05-11	2021-05-11 8:28	Caribou	6	Foraging	S	700	97	West	No	Survey ended at km83. Bad weather.	-96.171148	65.025936			Not Exceeded	
Incidental	2021-05-11	2021-05-11 9:43	Muskox	5	Feeding	N/A	500	101			Km101, 500m	-96.146336	65.051116			Not Exceeded	
Incidental	2021-05-11	2021-05-11 10:02	Caribou	39	Foraging	N/A		NA			Some resting	-96.085726	65.029356			Exceeded	Speed Restriction Applied.
Incidental	2021-05-11	2021-05-11 10:50	Caribou	7	Foraging	N/A		NA				-96.084187	65.027436			Not Exceeded	
Road	2021-05-12	2021-05-12 8:11	Arctic hare	1	Standing	N/A	20	105	East	No	First sighting of arctic hare for the day	-96.087731	65.034125			Not Exceeded	
Road	2021-05-12	2021-05-12 8:19	Ptarmigan	2	Standing	N/A	20	101	East	No	First sighting of ptarmigan for the day	-96.140286	65.056693			Not Exceeded	
Road	2021-05-12	2021-05-12 8:24	Caribou	10	Foraging	N/A	1300	101	West	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-12	2021-05-12 8:27	Caribou	2	Foraging	N/A	100	100	East	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-12	2021-05-12 9:04	Caribou	24	Foraging	N/A	50	100	Both	No		-96.146488	65.048837			Not Exceeded	
Road	2021-05-12	2021-05-12 9:21	Muskox	3	Foraging	N/A	100	99	West	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-12	2021-05-12 9:40	Arctic fox	1	Trotting/runni	N	0	89	Both	Yes	First sighting of an arctic fox for the day	-96.219560	64.967443			Not Exceeded	
Road	2021-05-12	2021-05-12 10:50	Caribou	18	Walking	S	400	53	West	No		-96.373087	64.706060			Not Exceeded	
Road	2021-05-12	2021-05-12 11:04	Caribou	3	Walking	N	1700	45	West	No		-96.313357	64.652430			Not Exceeded	
Road	2021-05-12	2021-05-12 11:33	Caribou	16	Walking	S	600	37	West	No		-96.261917	64.580427			Not Exceeded	
Road	2021-05-12	2021-05-12 12:04	Siksisik	1	Alert	N/A	20	22	West	No	First sighting of siksisik for the day	-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-12	2021-05-12 16:57	Sandhill crane	3	Standing	N/A		NA				-96.084653	65.027556			Not Exceeded	
Incidental	2021-05-12	2021-05-12 16:58	Rough-legged-H	1	Flying	N/A		NA				-96.076176	65.025362			Not Exceeded	
Road	2021-05-13	2021-05-13 7:29	Caribou	5	Foraging	N/A	100	106	East	No		-96.082894	65.027127			Not Exceeded	
Road	2021-05-13	2021-05-13 7:42	Arctic hare	3	Foraging	N/A	50	104	East	No	Entering first time observed for time	-96.097213	65.044578			Not Exceeded	
Road	2021-05-13	2021-05-13 7:48	Caribou	15	Foraging	N/A	100	100	East	No		-96.146488	65.048837			Not Exceeded	
Road	2021-05-13	2021-05-13 7:52	Caribou	9	Foraging	N/A	100	99	West	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-13	2021-05-13 7:56	Muskox	4	Foraging	N/A	700	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-13	2021-05-13 7:58	Caribou	4	Lying Down	N/A	400	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-13	2021-05-13 11:04	Caribou	4	Foraging	N/A	150	92	East	No		-96.221913	64.994349			Not Exceeded	
Road	2021-05-13	2021-05-13 11:29	Ptarmigan	15	Standing	N/A	0	77	Both	Yes	Crossed flying over the road when spooked by the truck	-96.306243	64.917070			Not Exceeded	
Road	2021-05-13	2021-05-13 12:22	Caribou	7	Foraging	N/A	300	60	West	No	On ridge at the edge of the blizzard - just in visible range. There may be more in the group.	-96.357936	64.741646			Not Exceeded	
Road	2021-05-13	2021-05-13 12:32	Caribou	21	Foraging	N/A	200	56	West	No	Inside blizzard edge. Could be more for sure - they are just visible clearly visible as caribou	-96.360134	64.731372			Not Exceeded	
Road	2021-05-13	2021-05-13 12:46	Caribou	14	Foraging	N/A	150	50	West	No		-96.379074	64.693229			Not Exceeded	
Road	2021-05-13	2021-05-13 13:04	Common raven	2	Flying	W	50	41	West	No		-96.281128	64.620277			Not Exceeded	
Road	2021-05-13	2021-05-13 13:14	Caribou	11	Walking	N	400	35	West	No	Edge of blowing snow. Could be more.	-96.244259	64.573856			Not Exceeded	
Road	2021-05-13	2021-05-13 13:30	Caribou	5	Foraging	N/A	400	25	West	No	At edge of blowing snow. Could be more.	-96.149475	64.514199			Not Exceeded	
Road	2021-05-13	2021-05-13 13:52	Caribou	20	Foraging	S	200	15	West	No	Disturbance from truck out of blowing snow caused caribou to stop foraging and walk south	-96.062421	64.446277			Not Exceeded	
Road	2021-05-13	2021-05-13 13:57	Caribou	22	Foraging	N/A	200	13	West	No	Inside drifting snow. Could be more.	-96.036808	64.423438			Not Exceeded	
Road	2021-05-13	2021-05-13 14:03	Caribou	2	Foraging	N/A	500	12	West	No	Inside blowing snow. Too far for behaviour survey in this weather. Also unsure exact numbers.	-96.029920	64.413938			Not Exceeded	
Incidental	2021-05-13	2021-05-13 15:02	Caribou	37	Foraging	N/A	300	33	West	No	Km 33 westside at 300m. Were in blowing snow so could be more of them. 50-70km/h winds.	-96.216339	64.571473			Exceeded	Speed Restriction Applied.
Incidental	2021-05-13	2021-05-13 15:18	Muskox	4	Foraging	N/A	50	40	West	No	Km 40 at 50m from road westside. 3 started fighting	-96.282919	64.608651			Not Exceeded	
Incidental	2021-05-13	2021-05-13 15:42	Mammal	1	Running	W	0	43	Both	Yes	Small mammal, short tail, vole or lemming? Tube shaped body	-96.300696	64.634772			Not Exceeded	
Incidental	2021-05-13	2021-05-13 15:47	Mammal	1	Running	W	0	43	Both	Yes	Small mammal. Vole or lemming? Ran across the road at km43 from east to west side. Incidental.	-96.296949	64.636491			Not Exceeded	
Incidental	2021-05-13	2021-05-13 16:04	Ptarmigan	7	Resting	N/A	0	49	East	Yes	1 of the 7 crossed the road W to E to join the group. White out so could have been more.	-96.372217	64.676961			Not Exceeded	
Incidental	2021-05-13	2021-05-13 17:30	Caribou	20	Lying Down	N/A	200	104	East	No	3 Foraging. Km104 at 200m on east side.	-96.094063	65.041545			Not Exceeded	
Road	2021-05-14	2021-05-14 7:19	Caribou	11	Foraging	N/A	50	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-14	2021-05-14 7:29	Muskox	5	Foraging	N/A	100	99	No	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-14	2021-05-14 7:44	Caribou	2	Walking	S	600	93	West	No		-96.221967	65.000766			Not Exceeded	
Road	2021-05-14	2021-05-14 8:19	Arctic fox	1	Walking	N	0	74	East	No		-96.330282	64.875228			Not Exceeded	
Road	2021-05-14	2021-05-14 8:33	Ptarmigan	27	Resting	N/A	0	69	Both	Yes		-96.314267	64.827717			Not Exceeded	
Road	2021-05-14	2021-05-14 9:18	Caribou	29	Foraging	N/A	100	46	West	N/A	Most of them behind hill. Ran away towards nearby lake. Separated into 2 groups. Spooked by truck (maybe). Walking south.	-96.329566	64.656222			Not Exceeded	
Road	2021-05-14	2021-05-14 9:19	Arctic hare	3	Standing	N/A	50	46	West	N/A		-96.329566	64.656222			Not Exceeded	
Road	2021-05-14	2021-05-14 10:13	Caribou	8	Walking	S	300	43	West	No		-96.300696	64.634772			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-14	2021-05-14 10:36	Caribou	5	Walking	S	800	29	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-05-14	2021-05-14 10:46	Caribou	9	Walking	S	1200	23	West	No		-96.124416	64.500556			Not Exceeded	
Incidental	2021-05-14	2021-05-14 13:40	Caribou	4	Foraging	N/A	200	22	West	No	Km22 @ 200m from road on westside.	-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-14	2021-05-14 13:45	Caribou	42	Walking	S		25			Km 25 300 - 400meters westside	-96.149475	64.514199			Exceeded	Speed Restriction Applied.
Incidental	2021-05-14	2021-05-14 14:09	Caribou	12	Foraging	N/A	300	33	West	No	Km33 at 300m westside. We see 9 at km33 but rest behind ridge.	-96.216309	64.571455			Not Exceeded	
Incidental	2021-05-14	2021-05-14 14:14	Caribou	3	Walking	S	500	35	West	No	Km35 at 500m westside.	-96.244259	64.573856			Not Exceeded	
Incidental	2021-05-14	2021-05-14 14:19	Caribou	4	Foraging	N/A	500	37	West	No	Km37 westside at 500m	-96.269004	64.584164			Not Exceeded	
Incidental	2021-05-14	2021-05-14 14:26	Caribou	8	Walking	N	1000	35	West	No	Km35 heading N at 1000m westside	-96.244259	64.573856			Not Exceeded	
Incidental	2021-05-14	2021-05-14 14:42	Arctic hare	5	Resting	N/A	50	43	West	No	Km 43 westside 50m	-96.300696	64.634772			Not Exceeded	
Incidental	2021-05-14	2021-05-14 15:09	Caribou	6	Foraging	N/A	400	53	West	No	Km53 westside at 400-500m	-96.373087	64.706060			Not Exceeded	
Incidental	2021-05-14	2021-05-14 15:55	Caribou	16	Foraging	N/A	500	86	West	No	Km86. 2 sitting and rest foraging 500m westside.	-96.252797	64.946837			Not Exceeded	
Road	2021-05-15	2021-05-15 8:30	Caribou	31	Foraging	N/A	50	105	East	No		-96.087731	65.034125			Not Exceeded	
Road	2021-05-15	2021-05-15 8:43	Caribou	13	Lying Down	N/A	50	99	East	No		-96.153168	65.041963			Not Exceeded	
Road	2021-05-15	2021-05-15 8:46	Muskox	5	Feeding	N/A	10	98	Both	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-15	2021-05-15 8:50	Arctic fox	1	Trotting/runni	N	50	97	East	No		-96.171148	65.025936			Not Exceeded	
Road	2021-05-15	2021-05-15 8:57	Arctic fox	1	Running	S	50	94	East	No		-96.212688	65.007507			Not Exceeded	
Road	2021-05-15	2021-05-15 9:29	Ptarmigan	5	Standing	N/A	50	78	West	No		-96.324371	64.903190			Not Exceeded	
Road	2021-05-15	2021-05-15 9:51	Ptarmigan	2	Standing	N/A	20	55	West	No		-96.345974	64.718549			Not Exceeded	
Road	2021-05-15	2021-05-15 10:33	Caribou	11	Walking	N	50	27	West	No		-96.161247	64.532218			Not Exceeded	
Road	2021-05-15	2021-05-15 10:39	Caribou	5	Walking	S	400	23	West	No		-96.124416	64.500556			Not Exceeded	
Road	2021-05-15	2021-05-15 10:46	Caribou	12	Walking	S	600	14	West	No		-96.043001	64.431208			Not Exceeded	
Road	2021-05-15	2021-05-15 11:09	Caribou	6	Walking	NW	700	6	West	No		-96.000833	64.364267			Not Exceeded	
Incidental	2021-05-15	2021-05-15 13:21	Arctic hare	1	Resting	N/A	50	45	West	No	Km45 resting on a ridge. 50m westside.	-96.313357	64.652430			Not Exceeded	
Incidental	2021-05-15	2021-05-15 13:23	Caribou	4	Standing	N/A		46	West		Km46 westside.	-96.329566	64.656222			Not Exceeded	
Incidental	2021-05-15	2021-05-15 13:24	Caribou	4	Walking	N	1000	47	West	No	Km47 at 1000m westside	-96.346559	64.657993			Not Exceeded	
Incidental	2021-05-15	2021-05-15 13:31	Caribou	4	Foraging	N/A	2000	51	West	No	Km 51, 2km westside	-96.79074	64.693229			Not Exceeded	
Incidental	2021-05-15	2021-05-15 14:35	Muskox	6	Foraging	N/A	100	92	West	No	Km92 at 100m westside	-96.221913	64.994349			Not Exceeded	
Incidental	2021-05-15	2021-05-15 14:45	Caribou	6	Foraging	N/A	30	97	East	No	Km97 at 30m from road. East side	-96.171148	65.025936			Not Exceeded	
Incidental	2021-05-15	2021-05-15 14:46	Caribou	6	Foraging	N/A	50	99	East	No	Km 99 at 50m east	-96.153168	65.041963			Not Exceeded	
Incidental	2021-05-15	2021-05-15 14:52	Caribou	21	Walking	NE	1000	101	East	No	Walking north on lake at km 101. Over 1 km away eastside.	-96.140286	65.056693			Not Exceeded	
Road	2021-05-16	2021-05-16 8:53	Caribou	26	Foraging	N/A	200	106	East	N/A		-96.082894	65.027127			Not Exceeded	
Road	2021-05-16	2021-05-16 8:53	Caribou	4	Resting	N/A	400	106	East	No	Resting on lake near air strip	-96.082894	65.027127			Not Exceeded	
Road	2021-05-16	2021-05-16 8:59	Caribou	2	Foraging	N/A	100	104	East	N/A	One resting	-96.097213	65.044578			Not Exceeded	
Road	2021-05-16	2021-05-16 9:36	Caribou	24	Foraging	N/A	300	104	East	No	Scare by hystor walke on lake north	-96.097213	65.044578			Not Exceeded	
Road	2021-05-16	2021-05-16 9:43	Arctic hare	2	Standing	N/A	50	103	East	No		-96.110794	65.048902			Not Exceeded	
Road	2021-05-16	2021-05-16 10:39	Caribou	6	Foraging	N/A	400	98	East	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-16	2021-05-16 10:40	Muskox	4	Resting	N/A	100	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-16	2021-05-16 10:50	Muskox	6	Resting	N/A	50	93	West	No		-96.221967	65.000766			Not Exceeded	
Road	2021-05-16	2021-05-16 11:42	Caribou	20	Foraging	N/A	1000	57	West	No	More than 1km	-96.351394	64.725882			Not Exceeded	
Road	2021-05-16	2021-05-16 12:05	Caribou	3	Foraging	N/A	300	46	West	No	Scare by tractor trailer capt eating	-96.329566	64.656222			Not Exceeded	
Road	2021-05-16	2021-05-16 12:15	Arctic fox	1	Feeding	N/A	10	43	East	No		-96.300696	64.634772			Not Exceeded	
Road	2021-05-16	2021-05-16 12:26	Caribou	7	Walking	N	700	35	West	No	Five walking north mabay different group	-96.244259	64.573856			Not Exceeded	
Road	2021-05-16	2021-05-16 12:38	Caribou	11	Standing	N/A	500	29	West	No	Hight standing tree resting	-96.216309	64.571455			Not Exceeded	
Road	2021-05-16	2021-05-16 12:57	Caribou	12	Walking	S	500	19	West	No		-96.086600	64.470197			Not Exceeded	
Incidental	2021-05-16	2021-05-16 15:04	Caribou	8	Foraging	N/A	600	21	East	No	Km 21. 600m east side	-96.104504	64.486934			Not Exceeded	
Incidental	2021-05-16	2021-05-16 15:15	Arctic hare	4	Resting	N/A	50	22	West	No	Km 22 50m westside	-96.112561	64.493495			Not Exceeded	
Incidental	2021-05-16	2021-05-16 15:31	Caribou	8	Walking	S	1000	33	West	No	Km 33 westside >1000m	-96.216309	64.571455			Not Exceeded	
Incidental	2021-05-16	2021-05-16 15:37	Caribou	2	Foraging	N/A	50	35	West	No	Km 35 50m westside - spooked by pick up walking south	-96.244259	64.573856			Not Exceeded	
Incidental	2021-05-16	2021-05-16 16:06	Sandhill crane	1	Walking	N	50	45		No	50m west km45	-96.313357	64.652430			Not Exceeded	
Incidental	2021-05-16	2021-05-16 16:10	Caribou	10	Walking	S	1000	47		No	1000m on top of ridge. Km 47	-96.346559	64.657993			Not Exceeded	
Incidental	2021-05-16	2021-05-16 16:10	Arctic hare	1	Dead	N/A		22			Project related mortality	-96.112561	64.493495			Not Exceeded	No action required
Incidental	2021-05-16	2021-05-16 16:34	Caribou	4	Standing	N/A	600	65	West	No	Km65 600 m west	-96.340619	64.794795			Not Exceeded	
Incidental	2021-05-16	2021-05-16 17:02	Caribou	6	Standing	N/A	1000	82	West	No	Km 82 1000m westside	-96.312035	64.930602			Not Exceeded	
Road	2021-05-17	2021-05-17 7:44	Caribou	22	Foraging	W	300	106	East	No	Some resting and some walking as well	-96.082894	65.027127			Not Exceeded	
Road	2021-05-17	2021-05-17 7:56	Caribou	15	Foraging	N/A	500	104	East	No		-96.097213	65.044578			Not Exceeded	
Road	2021-05-17	2021-05-17 8:02	Caribou	7	Foraging	N/A	200	103	East	No		-96.110794	65.048902			Not Exceeded	
Road	2021-05-17	2021-05-17 8:06	Caribou	6	Foraging	N/A	400	102	East	No		-96.127833	65.051700			Not Exceeded	
Road	2021-05-17	2021-05-17 8:14	Muskox	5	Foraging	N/A	100	99	East	No	One resting	-96.153168	65.041963			Not Exceeded	
Road	2021-05-17	2021-05-17 8:18	Muskox	17	Resting	N/A	150	98	East	No	2 foraging	-96.157649	65.032482			Exceeded	Speed Restriction Applied.
Road	2021-05-17	2021-05-17 8:18	Arctic hare	4	Standing	N/A	150	98	East	No		-96.157649	65.032482			Not Exceeded	
Road	2021-05-17	2021-05-17 8:25	Caribou	10	Walking	N	400	97	West	No	Stopped to forage	-96.171148	65.025936			Not Exceeded	
Road	2021-05-17	2021-05-17 8:32	Caribou	6	Walking	N	1000	94	West	No	Starting trotting going north	-96.212688	65.007507			Not Exceeded	
Road	2021-05-17	2021-05-17 8:38	Muskox	2	Resting	N/A	150	93	West	No		-96.221967	65.000766			Not Exceeded	
Road	2021-05-17	2021-05-17 8:54	Ptarmigan	1	Walking	E	0	83	Both	Yes		-96.301106	64.935004			Not Exceeded	
Road	2021-05-17	2021-05-17 9:00	Sandhill crane	3	Standing	N/A	200	80	East	No		-96.301106	64.935004			Not Exceeded	
Road	2021-05-17	2021-05-17 9:17	Sandhill crane	1	Standing	N/A	100	70	West	No		-96.316518	64.836490			Not Exceeded	
Road	2021-05-17	2021-05-17 9:55	Caribou	3	Foraging	N/A	600	46	West	No	2 foraging and 1 resting	-96.329566	64.656222			Not Exceeded	
Road	2021-05-17	2021-05-17 10:02	Arctic hare	1	Resting	N/A	100	45	West	No	Some foraging	-96.313357	64.652430			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-17	2021-05-17 10:08	Arctic hare	3	Resting	N/A	100	43	West	No		-96.300696	64.634772			Not Exceeded	
Road	2021-05-17	2021-05-17 10:13	Common raven	2	Flying	S	0	39	Both	No	Carrying branches in their mouths	-96.275136	64.595859			Not Exceeded	
Road	2021-05-17	2021-05-17 10:23	Muskox	3	Foraging	N/A	200	36	West	No	2 foraging and 1 resting	-96.329566	64.656222			Not Exceeded	
Road	2021-05-17	2021-05-17 10:36	Caribou	5	Walking	S	700	29	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-05-17	2021-05-17 10:42	Caribou	1	Trotting/runni	S	700	28	West	No		-96.170129	64.541309			Not Exceeded	
Road	2021-05-17	2021-05-17 10:48	Arctic fox	1	Trotting/runni	NE	300	28	East	Yes	Crossed the road going NE running	-96.170129	64.541309			Not Exceeded	
Road	2021-05-17	2021-05-17 11:00	Caribou	11	Foraging	N/A	1000	26	West	No	The 1 from before must have joined them	-96.161459	64.523534			Not Exceeded	
Road	2021-05-17	2021-05-17 11:15	Canada goose	5	Flying	N	500	19	East	No	Maybe canada goose. Definitely geese	-96.124416	64.500556			Not Exceeded	
Road	2021-05-17	2021-05-17 11:23	Caribou	40	Walking	S	600	14	West	No		-96.043001	64.431208			Exceeded	Speed Restriction Applied.
Road	2021-05-17	2021-05-17 11:47	Caribou	5	Foraging	N/A	300	13	West	No	Got scared by 2 pick ups. Ran West	-96.036808	64.423438			Not Exceeded	
Incidental	2021-05-17	2021-05-17 12:23	Caribou	8	Foraging	W	500	10	West	No	Km 10 500m westside. Started Walking west	-96.017863	64.397095			Not Exceeded	
Incidental	2021-05-17	2021-05-17 12:38	Caribou	6	Standing	S	400	17	West	No	Km 17 400m westside. Now walking south	-96.077050	64.453259			Not Exceeded	
Incidental	2021-05-17	2021-05-17 12:42	Caribou	10	Walking	S	700	18	West	No	Km18 walking south. Westside. 700m	-96.081707	64.459302			Not Exceeded	
Incidental	2021-05-17	2021-05-17 12:46	Caribou	11	Standing	S	300	19		No	Now walking south. 300m km 19	-96.085564	64.468697			Not Exceeded	
Incidental	2021-05-17	2021-05-17 12:52	Caribou	10	Foraging	N/A	600	21		No	Km21. 600m. 5 now walking South	-96.108057	64.489743			Not Exceeded	
Incidental	2021-05-17	2021-05-17 12:57	Caribou	9	Walking	S	500	22		No	2 eating. 500m. Km22	-96.125912	64.503209			Not Exceeded	
Incidental	2021-05-17	2021-05-17 13:03	Sandhill crane	2	Foraging	N/A	200	22	West	No	Km22 200m westside	-96.125906	64.503220			Not Exceeded	
Incidental	2021-05-17	2021-05-17 13:06	Siskik	1	Standing	N/A	50	22	West	No	Km22 50m westside	-96.125856	64.503222			Not Exceeded	
Incidental	2021-05-17	2021-05-17 13:40	Muskox	5	Foraging	N/A	100	35	West	No	Km35 100 to 400m westside	-96.250607	64.575809			Not Exceeded	
Incidental	2021-05-17	2021-05-17 13:48	Ptarmigan	2	Resting	N/A		38			Km 38 50m westside	-96.279526	64.601540			Not Exceeded	
Incidental	2021-05-17	2021-05-17 13:58	Caribou	8	Foraging	N/A	1000	44	West	No	Km44. >1000m. Westside	-96.280750	64.618472			Not Exceeded	
Incidental	2021-05-17	2021-05-17 14:03	Caribou	5	Foraging	N/A	400	46	West	No	Km46. 1 walking. Westside. 400m	-96.280750	64.618472			Not Exceeded	
Incidental	2021-05-17	2021-05-17 14:09	Siskik	1	Standing	N/A	0	47	Both	Yes	Standing in middle of road	-96.346559	64.657993			Not Exceeded	
Incidental	2021-05-17	2021-05-17 14:23	Caribou	5	Walking	S	300	54	West	No	Km54 walking south. 300m westside	-96.358351	64.713190			Not Exceeded	
Incidental	2021-05-17	2021-05-17 14:44	Caribou	10	Walking	NE	600	69	West	No	600m. Westside. Km69	-96.314267	64.827717			Not Exceeded	
Incidental	2021-05-17	2021-05-17 14:56	Caribou	13	Trotting/runni	N	1000	73		No	Km73. 1000m. Heading N	-96.324227	64.862125			Not Exceeded	
Incidental	2021-05-17	2021-05-17 15:03	Caribou	38	Walking	N	700	73	West	No	Could be the 40 from earlier. 700m. Westside heading N	-96.324227	64.862125			Exceeded	Speed Restriction Applied.
Incidental	2021-05-17	2021-05-17 15:04	Caribou	2	Walking	S	1000	73	West	No	Km73. 1km away. Westside	-96.324227	64.862125			Not Exceeded	
Incidental	2021-05-17	2021-05-17 15:07	Sandhill crane	6	Flying	S		NA				-96.336143	64.879464			Not Exceeded	
Incidental	2021-05-17	2021-05-17 15:59	Caribou	6	Walking	S	1000	81	West	No	Km81. walking S. 1000m. Westside	-96.330757	64.875665			Not Exceeded	
Incidental	2021-05-17	2021-05-17 16:17	Caribou	13	Walking	N	500	90	West	No	500m. Westside. Km 90	-96.221428	64.971926			Not Exceeded	
Incidental	2021-05-17	2021-05-17 16:25	Caribou	10	Walking	N	400	93		No	Walking N. km93. 400m	-96.223136	65.003350			Not Exceeded	
Incidental	2021-05-17	2021-05-17 16:36	Muskox	26	Resting	N/A	300	101	East	No	Km101. 300m. East	-96.147356	65.047175			Exceeded	Speed Restriction Applied.
Incidental	2021-05-17	2021-05-17 16:42	Caribou	18	Foraging	N/A	20	102	West	No	Km102. 20 to 100m. Foraging and resting. Westside	-96.137614	65.057224			Not Exceeded	
Incidental	2021-05-17	2021-05-17 16:48	Caribou	16	Walking	W	200	104		No	Km104. Walking W. 200m. Near tailings road. 5 eating close to road. 20m	-96.137614	65.057224			Not Exceeded	
Incidental	2021-05-17	2021-05-17 16:57	Caribou	14	Walking	N	1000	105		No	Km105. >1000m on TPL. Going N.	-96.070322	65.023209			Not Exceeded	
Incidental	2021-05-19	2021-05-19 13:18	Caribou	5	Feeding	E	50	99	East	No		-96.153168	65.041963			Not Exceeded	
Incidental	2021-05-19	2021-05-19 13:31	Muskox	5	Lying Down	N/A	50	93	West	No		-96.212967	65.000766			Not Exceeded	
Incidental	2021-05-19	2021-05-19 15:14	Caribou	6	Walking	E	20	101	East	No		-96.140286	65.056693			Not Exceeded	
Road	2021-05-21	2021-05-21 7:49	Caribou	17	Feeding	N/A	100	106	West	No		-96.080097	65.026490			Not Exceeded	
Road	2021-05-21	2021-05-21 7:55	Caribou	25	Feeding	E	25	105	Both	No		-96.094269	65.042061			Not Exceeded	
Road	2021-05-21	2021-05-21 8:01	Caribou	2	Feeding	E	25	101	West	No		-96.137866	65.057165			Not Exceeded	
Road	2021-05-21	2021-05-21 8:04	Arctic fox	1	Walking	N	2	99	West	No		-96.152681	65.040972			Not Exceeded	
Road	2021-05-21	2021-05-21 8:06	Muskox	7	Feeding	N/A	25	98	East	No		-96.159951	65.031509			Not Exceeded	
Road	2021-05-21	2021-05-21 8:20	Arctic fox	1	Trotting/runni	S	5	88	East	No		-96.219460	64.967468			Not Exceeded	
Road	2021-05-21	2021-05-21 8:25	Arctic hare	1	Lying Down	N/A	10	84	West	No		-96.284012	64.936202			Not Exceeded	
Road	2021-05-21	2021-05-21 8:30	Greater white-f	25	Lying Down	N/A	50	81	West	No		-96.304347	64.927208			Not Exceeded	
Road	2021-05-21	2021-05-21 8:51	Greater white-f	80	Lying Down	N/A	50	69	West	No		-96.313094	64.830357			Not Exceeded	
Road	2021-05-21	2021-05-21 8:52	Snow goose	10	Lying Down	N/A	50	69	West	No		-96.318332	64.825538			Not Exceeded	
Road	2021-05-21	2021-05-21 8:56	Arctic fox	1	Walking	E	30	65	East	No		-96.339634	64.800314			Not Exceeded	
Road	2021-05-21	2021-05-21 9:06	Greater white-f	25	Resting	N/A	50	56	West	No		-96.357446	64.733620			Not Exceeded	
Road	2021-05-21	2021-05-21 9:20	Ptarmigan	10	Resting	N/A	50	45	West	No		-96.331212	64.656192			Not Exceeded	
Road	2021-05-21	2021-05-21 9:21	Sandhill crane	10	Feeding	N/A	50	45	West	No		-96.317029	64.653816			Not Exceeded	
Road	2021-05-21	2021-05-21 9:24	Caribou	4	Walking	E	150	43	West	No		-96.305802	64.642899			Not Exceeded	
Incidental	2021-05-25	2021-05-25 16:40	Grizzly bear	3	Walking	Not Recorded	300	86	West	No		-96.252806	64.946838			Not Exceeded	
Road	2021-05-27	2021-05-27 8:38	Caribou	12	Feeding	N/A	25	106	East	No		-96.070389	65.023373			Not Exceeded	
Road	2021-05-27	2021-05-27 9:44	Arctic hare	1	Running	E	15	70	East	No		-96.070389	65.023373			Not Exceeded	
Road	2021-05-27	2021-05-27 9:47	Ptarmigan	1	Resting	N/A	5	69	East	No		-96.070389	65.023373			Not Exceeded	
Road	2021-05-27	2021-05-27 10:02	Ptarmigan	1	Flying	W	5	61	West	Yes		-96.357969	64.760494			Not Exceeded	
Road	2021-05-27	2021-05-27 10:12	Siskik	1	Standing	W	5	57	West	No		-96.357295	64.726956			Not Exceeded	
Road	2021-05-27	2021-05-27 10:18	Siskik	1	Standing	W	5	53	West	No		-96.359036	64.712806			Not Exceeded	
Road	2021-05-27	2021-05-27 10:48	Sandhill crane	2	Walking	E	25	34	East	No		-96.307423	64.648495			Not Exceeded	
Road	2021-05-27	2021-05-27 11:25	Siskik	1	Resting	W	10	10	West	No		-96.307423	64.648495			Not Exceeded	
Incidental	2021-05-29	2021-05-29 9:04	Caribou	15	Feeding	N/A		NA				-96.100296	65.045994			Not Exceeded	
Incidental	2021-05-29	2021-05-29 9:09	Caribou	5	Feeding	E		NA				-96.100721	65.048203			Not Exceeded	
Road	2021-06-01	2021-06-01 7:42	Caribou	8	Lying Down	N/A	300	106	West	N/A		-96.071478	65.023030			Not Exceeded	
Road	2021-06-01	2021-06-01 7:48	Caribou	13	Lying Down	N/A	100	103	East	N/A		-96.070256	65.023177			Not Exceeded	
Road	2021-06-01	2021-06-01 8:22	Muskox	2	Lying Down	N/A	200	99	East	No		-96.070256	65.023177			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-06-01	2021-06-01 8:46	Caribou	5	Lying Down	N/A	400	84	East	No		-96.279253	64.937082			Not Exceeded	
Road	2021-06-01	2021-06-01 9:23	Caribou	7	Foraging	N/A	50	70	West	N/A		-96.316536	64.837388			Not Exceeded	
Road	2021-06-01	2021-06-01 9:41	Arctic hare	4	Alert	NE	300	61	West	No		-96.347535	64.769277			Not Exceeded	
Road	2021-06-01	2021-06-01 10:19	Caribou	7	Walking	S	500	35	West	No		-96.257176	64.578389			Not Exceeded	
Road	2021-06-01	2021-06-01 10:48	Caribou	8	Walking	S	300	15	West	No		-96.058658	64.443061			Not Exceeded	
Road	2021-06-03	2021-06-03 10:41	Caribou	2	Foraging	N/A	400	98	West	No		-96.065067	65.016585			Not Exceeded	
Road	2021-06-03	2021-06-03 11:18	Caribou	3	Foraging	N/A	300	68	East	N/A		-96.326808	64.820318			Not Exceeded	
Road	2021-06-07	2021-06-07 10:09	Caribou	7	Lying Down	N/A	100	103	East	No		-96.070764	65.023406			Not Exceeded	
Road	2021-06-07	2021-06-07 10:25	Caribou	27	Walking	N	800	93	West	No		-96.070764	65.023406			Exceeded	Speed Restriction Applied.
Road	2021-06-07	2021-06-07 10:40	Caribou	13	Walking	SE	800	78	West	No		-96.070764	65.023406			Not Exceeded	
Road	2021-06-07	2021-06-07 10:58	Caribou	7	Trotting/runni	S	0	63	West	Yes		-96.344369	64.779316			Not Exceeded	
Road	2021-06-07	2021-06-07 11:41	Caribou	22	Trotting/runni	S	300	30	West	No		-96.195770	64.554309			Not Exceeded	
Incidental	2021-06-07	2021-06-07 17:30	Muskox	1	Dead		50	101			Non-project related -Environment technicians were deployed to the area to look for the animal. Environment team confirmed the location and mortality of the animal. The cause of death is unknown.	-96.135070	65.057680			Not Exceeded	
Road	2021-06-09	2021-06-09 8:52	Caribou	10	Feeding	N/A	200	71	West	No		-96.320726	64.845964			Not Exceeded	
Road	2021-06-09	2021-06-09 9:46	Caribou	21	Running	S	50	41	West	No		-96.287892	64.622602			Not Exceeded	
Incidental	2021-06-09	2021-06-09 10:46	Wolf	1	Standing	N/A	300	41	West	No		-95.971706	64.325975			Not Exceeded	
Road	2021-06-11	2021-06-11 8:11	Muskox	3	Lying Down	N/A	25	101	West	No		-96.134630	65.057418			Not Exceeded	
Road	2021-06-11	2021-06-11 8:29	Caribou	11	Standing	N/A	300	88	West	No		-96.218832	64.960319			Not Exceeded	
Road	2021-06-11	2021-06-11 8:38	Greater white-f	2	Walking	E	5	84	East	No		-96.290918	64.933469			Not Exceeded	
Road	2021-06-11	2021-06-11 8:42	Caribou	17	Feeding	S	50	84	West	No		-96.309007	64.934989			Not Exceeded	
Road	2021-06-11	2021-06-11 8:57	Caribou	3	Feeding	N/A	300	73	West	No		-96.315203	64.933280			Not Exceeded	
Road	2021-06-11	2021-06-11 9:13	Caribou	15	Trotting/runni	S	150	63	West	No		-96.325184	64.865820			Not Exceeded	
Road	2021-06-11	2021-06-11 10:00	Sandhill crane	5	Feeding	N/A	25	28	Both	No		-96.189069	64.551206			Not Exceeded	
Road	2021-06-11	2021-06-11 10:08	Other	1	Standing	N/A	5	23	East	No	Pearce falcon	-96.167137	64.538921			Not Exceeded	
Road	2021-06-11	2021-06-11 10:25	Muskox	1	Feeding	N/A	400	11	East	No		-96.110251	64.491742			Not Exceeded	
Road	2021-06-15	2021-06-15 8:42	Other	1	Standing	N/A	25	75	East	No	Juvenile eagle	-96.336143	64.879464			Not Exceeded	
Road	2021-06-15	2021-06-15 8:54	Greater white-f	2	Alert	N/A	5	65	West	No		-96.340619	64.794795			Not Exceeded	
Incidental	2021-06-17	2021-06-17 10:35	Caribou	23	Walking	S	65	65	West	No		-96.073193	65.021403			Not Exceeded	
Incidental	2021-06-17	2021-06-17 10:44	Caribou	5	Walking	S	100	60	West	No		-96.073193	65.021403			Not Exceeded	
Road	2021-06-19	2021-06-19 7:35	Muskox	1	Foraging	Not Recorded	100	106	East	No		-96.082894	65.027127			Not Exceeded	
Road	2021-06-19	2021-06-19 7:42	Muskox	1	Foraging	W	50	103	West	No		-96.110794	65.048902			Not Exceeded	
Road	2021-06-19	2021-06-19 8:16	Caribou	2	Trotting/runni	Not Recorded	150	81	West	No		-96.302078	64.925182			Not Exceeded	
Road	2021-06-19	2021-06-19 9:13	Caribou	13	Walking	S	500	37	West	No		-96.269004	64.584164			Not Exceeded	
Road	2021-06-23	2021-06-23 8:41	Caribou	2	Standing	N	10	106	East	No		-96.082894	65.027127			Not Exceeded	
Road	2021-06-23	2021-06-23 9:23	Caribou	18	Walking	N	600	76	East	No		-96.345654	64.887889			Not Exceeded	
Road	2021-06-23	2021-06-23 9:40	Caribou	3	Walking	N/A	500	65	East	No		-96.340619	64.794795			Not Exceeded	
Road	2021-06-23	2021-06-23 9:46	Caribou	9	Standing	N/A	1000	62	East	No		-96.344400	64.773733			Not Exceeded	
Road	2021-06-23	2021-06-23 9:51	Caribou	1	Running	N	300	60	West	No		-96.363626	64.755482			Not Exceeded	
Road	2021-06-23	2021-06-23 10:16	Caribou	1	Walking	N	500	38	East	No		-96.275824	64.590725			Not Exceeded	
Incidental	2021-06-23	2021-06-23 14:49	Muskox	3	Standing	N/A	100	40	East	No		-96.279470	64.601544			Not Exceeded	
Incidental	2021-06-23	2021-06-23 15:25	Caribou	14	Walking	N	400	73	East	No		-96.324227	64.862125			Not Exceeded	
Road	2021-06-25	2021-06-25 8:50	Caribou	2	Feeding	N/A	25	105	East	No		-96.072758	65.023918			Not Exceeded	
Road	2021-06-25	2021-06-25 9:03	Canada goose	5	Flying	E	50	97	East	No		-96.153263	65.042713			Not Exceeded	
Road	2021-06-25	2021-06-25 9:08	Crow	1	Flying	E	25	93	West	No		-96.223338	65.003916			Not Exceeded	
Road	2021-06-25	2021-06-25 9:10	Arctic hare	2	Resting	N/A	15	91	Both	No		-96.224023	64.989657			Not Exceeded	
Road	2021-06-25	2021-06-25 9:28	Ptarmigan	1	Resting	E	20	77	East	No		-96.300292	64.920212			Not Exceeded	
Road	2021-06-25	2021-06-25 10:01	Sandhill crane	1	Flying	E	5	49	East	No		-96.372518	64.677816			Not Exceeded	
Road	2021-06-25	2021-06-25 10:03	Sikisk	1	Running	E	0	49	East	Yes		-96.369928	64.665652			Not Exceeded	
Road	2021-06-25	2021-06-25 10:20	Sandhill crane	2	Walking	E	10	35	East	No		-96.279889	64.616657			Not Exceeded	
Road	2021-06-25	2021-06-25 10:25	Sandhill crane	2	Feeding	E	10	32	East	No		-96.204369	64.560132			Not Exceeded	
Road	2021-06-25	2021-06-25 10:53	Canada goose	2	Walking	W	25	8	West	No		-96.022361	64.403286			Not Exceeded	
Road	2021-06-25	2021-06-25 10:58	Arctic hare	1	Running	W	25	7	West	No		-96.000904	64.354518			Not Exceeded	
Road	2021-06-29	2021-06-29 8:34	Caribou	2	Walking	S	300	71	West	No		-96.319701	64.844713			Not Exceeded	
Road	2021-06-29	2021-06-29 9:04	Caribou	3	Standing	Not Recorded	300	46	West	No		-96.329566	64.656222			Not Exceeded	
Road	2021-06-29	2021-06-29 9:19	Caribou	2	Walking	SE	150	32	West	No		-96.204460	64.564692			Not Exceeded	
Road	2021-06-29	2021-06-29 9:27	Sandhill crane	2	Foraging	N/A	200	30	West	No		-96.195770	64.554309			Not Exceeded	
Road	2021-06-29	2021-06-29 9:59	Sandhill crane	2	Foraging	Not Recorded	150	1	West	No		-95.971700	64.325250			Not Exceeded	
Road	2021-07-04	2021-07-04 8:28	Muskox	2	Feeding	N/A	100	104	West	N/A		-96.070282	65.023374			Not Exceeded	
Road	2021-07-04	2021-07-04 8:32	Muskox	5	Alert	N/A	100	100	East	N/A		-96.139063	65.057004			Not Exceeded	
Road	2021-07-04	2021-07-04 8:36	Muskox	2	Feeding	N/A	600	97	East	N/A		-96.167056	65.027381			Not Exceeded	
Road	2021-07-04	2021-07-04 9:49	Muskox	3	Foraging	N/A	1000	33	East	N/A		-96.216309	64.571455			Not Exceeded	
Road	2021-07-04	2021-07-04 9:52	Muskox	2	Foraging	N/A	400	30	West	N/A		-96.204856	64.563839			Not Exceeded	
Road	2021-07-06	2021-07-06 6:57	Muskox	1	Foraging	N/A	100	105	East	N/A		-96.070174	65.023199			Not Exceeded	
Road	2021-07-06	2021-07-06 7:05	Muskox	10	Foraging	N/A	800	100	West	N/A		-96.070174	65.023199			Not Exceeded	
Road	2021-07-09	2021-07-09 8:33	Muskox	2	Foraging	N/A	200	93	West	N/A		-96.069398	65.023016			Not Exceeded	
Road	2021-07-09	2021-07-09 8:40	Caribou	1	Walking	S	400	87	East	No		-96.069398	65.023016			Not Exceeded	
Road	2021-07-09	2021-07-09 10:05	Muskox	3	Alert	N/A	5	13	East	N/A		-96.036808	64.423438			Not Exceeded	
Incidental	2021-07-11	2021-07-11 8:20	Wolf	1	Walking	N	30	102	East	No	Not the good coordinates. Wolf observed at km 102	-96.073701	65.021230			Not Exceeded	
Incidental	2021-07-11	2021-07-11 10:00	Muskox	4	Foraging	N/A	15	104	West	No	Km 104	-96.073718	65.021222			Not Exceeded	
Incidental	2021-07-12	2021-07-12 15:00	Muskox	3	Foraging	N/A		NA		No	FGL area	-96.073731	65.021220			Not Exceeded	
Incidental	2021-07-14	2021-07-14 15:10	Muskox	3	Foraging	N/A	10	104	West	No	Km104	-96.073724	65.021200			Not Exceeded	
Road	2021-07-16	2021-07-16 8:26	Muskox	2	Walking	W	10	105	West	Yes		-96.075812	65.025278			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-07-16	2021-07-16 8:27	Caribou	1	Walking	N	75	104	East	No		-96.079967	65.026367			Not Exceeded	
Road	2021-07-16	2021-07-16 8:32	Muskox	1	Feeding	Not Recorded	75	103	East	No		-96.100752	65.047289			Not Exceeded	
Road	2021-07-16	2021-07-16 8:41	Muskox	11	Walking	E	75	101	West	No		-96.130225	65.054472			Not Exceeded	
Road	2021-07-16	2021-07-16 9:05	Sandhill crane	2	Walking	W	75	80	West	No		-96.180534	65.018359			Not Exceeded	
Road	2021-07-16	2021-07-16 9:55	Muskox	1	Walking	S	100	49	East	No		-96.379998	64.695862			Not Exceeded	
Road	2021-07-16	2021-07-16 10:03	Other	1	Flying	S	50	43	West	No		-96.307956	64.649542			Not Exceeded	
Road	2021-07-16	2021-07-16 10:06	Arctic fox	1	Feeding	N/A	50	43	West	No		-96.301112	64.632999			Not Exceeded	
Road	2021-07-16	2021-07-16 10:32	Sandhill crane	2	Walking	E	5	25	East	Yes		-96.276426	64.593005			Not Exceeded	
Road	2021-07-16	2021-07-16 10:36	Muskox	1	Walking	E	5	23	East	Yes		-96.127747	64.505329			Not Exceeded	
Road	2021-07-16	2021-07-16 10:49	Muskox	1	Resting	N/A	200	14	East	No		-96.088009	64.471632			Not Exceeded	
Road	2021-07-24	2021-07-24 10:23	Muskox	2	Feeding	N/A	25	107	West	No		-96.073173	65.021383			Not Exceeded	
Road	2021-07-24	2021-07-24 10:32	Arctic hare	1	Running	S	0	91	West	No		-96.064858	65.016675			Not Exceeded	
Road	2021-07-24	2021-07-24 11:15	Muskox	2	Feeding	N/A	50	57	West	No		-96.360134	64.731372			Not Exceeded	
Road	2021-07-24	2021-07-24 11:25	Muskox	1	Feeding	N/A	75	49	East	No		-96.370716	64.668800			Not Exceeded	
Road	2021-07-24	2021-07-24 11:33	Sandhill crane	2	Walking	W	5	42	West	No		-96.294904	64.627565			Not Exceeded	
Incidental	2021-07-28	2021-07-28 13:00	Arctic fox	1	Dead			70			Project related - Erik Iko - GN Department of Environment was completing a general patrol of the AWAR and came across a fox pup that had been hit or run over by a vehicle.	-96.314130	64.832788			Not Exceeded	
Incidental	2021-07-29	2021-07-29 9:47	Muskox	1	Lying Down	N/A	400	53	West	No		-96.373087	64.706060			Not Exceeded	
Incidental	2021-07-29	2021-07-29 10:13	Arctic fox	4	Foraging	N/A	10	47	East	No		-96.346559	64.657993			Not Exceeded	
Incidental	2021-07-29	2021-07-29 10:19	Muskox	1	Foraging	N/A	200	48	East	No		-96.368783	64.664167			Not Exceeded	
Road	2021-07-30	2021-07-30 6:06	Muskox	1	Foraging	N/A	75	105	West	No		-96.087731	65.034125			Not Exceeded	
Road	2021-07-30	2021-07-30 6:17	Muskox	6	Foraging	N/A	200	99	West	No		-96.153168	65.041963			Not Exceeded	
Road	2021-07-30	2021-07-30 6:35	Sandhill crane	2	Foraging	N/A	250	83	East	No		-96.301106	64.935004			Not Exceeded	
Road	2021-07-30	2021-07-30 7:03	Muskox	1	Foraging	N/A	100	54	West	No		-96.358351	64.713190			Not Exceeded	
Road	2021-07-30	2021-07-30 7:21	Muskox	1	Foraging	N/A	300	39	West	No		-96.275136	64.595859			Not Exceeded	
Road	2021-07-30	2021-07-30 7:32	Sandhill crane	2	Foraging	N/A	200	30	East	No		-96.195770	64.554309			Not Exceeded	
Road	2021-07-30	2021-07-30 7:37	Muskox	10	Foraging	SE	400	25	West	N/A		-96.149475	64.514199			Not Exceeded	
Road	2021-07-30	2021-07-30 7:45	Muskox	1	Foraging	N/A	400	18	East	No		-96.082395	64.461026			Not Exceeded	
Road	2021-07-30	2021-07-30 7:50	Sandhill crane	4	Walking	E	25	15	East	No		-96.052503	64.439805			Not Exceeded	
Road	2021-07-30	2021-07-30 8:05	Muskox	1	Lying Down	N/A	200	7	East	No		-96.009157	64.372615			Not Exceeded	
Road	2021-08-06	2021-08-06 7:27	Caribou	4	Lying Down	N/A	400	84	East	No		-96.282760	64.936596			Not Exceeded	
Road	2021-08-06	2021-08-06 7:32	Caribou	17	Feeding	S	100	80	East	No		-96.306243	64.917070			Not Exceeded	
Road	2021-08-06	2021-08-06 7:38	Caribou	32	Walking	N/A	75	81	East	No		-96.302078	64.925182			Exceeded	Road closed
Road	2021-08-06	2021-08-06 7:44	Caribou	37	Walking	S	600	78	East	No		-96.324371	64.903190			Exceeded	Road closed
Road	2021-08-06	2021-08-06 7:49	Caribou	11	Feeding	N/A	50	77	Both	No		-96.339077	64.895114			Not Exceeded	
Road	2021-08-06	2021-08-06 7:57	Caribou	55	Feeding	N/A	1000	73	East	No		-96.324227	64.862125			Exceeded	Road closed
Road	2021-08-06	2021-08-06 8:06	Muskox	1	Feeding	N/A	600	69	West	No		-96.314267	64.827717			Not Exceeded	
Road	2021-08-06	2021-08-06 8:17	Caribou	19	Feeding	N/A	300	61	East	No		-96.354666	64.763274			Not Exceeded	
Road	2021-08-06	2021-08-06 8:24	Muskox	1	Feeding	N/A	100	56	West	No		-96.351394	64.725882			Not Exceeded	
Road	2021-08-06	2021-08-06 8:34	Muskox	1	Lying Down	N/A	100	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-06	2021-08-06 8:36	Arctic fox	1	Alert	N/A	0	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-06	NA	NA	NA	NA	NA	NA	NA	NA	NA	Project related mortality	NA	NA			Not Exceeded	
Incidental	2021-08-07	2021-08-07 7:30	Arctic hare	1	Dead	N/A	40			N/A		-96.281437	64.604290	No -		Not Exceeded	
Road	2021-08-07	2021-08-07 7:49	Muskox	2	Foraging	N/A	300	71	West	No		-96.319701	64.844713			Not Exceeded	
Road	2021-08-07	2021-08-07 8:00	Caribou	2	Lying Down	N/A	500	64	West	No		-96.340005	64.786677			Not Exceeded	
Road	2021-08-07	2021-08-07 8:08	Caribou	1	Trotting/runni	N/A	800	58	West	No		-96.357936	64.741646			Not Exceeded	
Road	2021-08-07	2021-08-07 8:10	Caribou	2	Lying Down	N/A	300	57	West	No		-96.360134	64.731372			Not Exceeded	
Road	2021-08-07	2021-08-07 8:15	Caribou	3	Walking	S	700	54	East	No		-96.358351	64.713190			Not Exceeded	
Road	2021-08-07	2021-08-07 8:21	Caribou	56	Feeding	N/A	100	51	East	No		-96.379074	64.693229			Exceeded	Speed Restriction Applied.
Road	2021-08-07	2021-08-07 8:27	Muskox	2	Lying Down	N/A	100	49	East	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-07	2021-08-07 8:31	Muskox	5	Feeding	N/A	300	47	East	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-07	2021-08-07 8:33	Caribou	3	Walking	S	600	47	East	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-07	2021-08-07 8:34	Arctic fox	7	Alert	N/A	0	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-07	2021-08-07 8:37	Muskox	4	Lying Down	N/A	100	45	West	No		-96.313357	64.652430			Not Exceeded	
Road	2021-08-07	2021-08-07 9:05	Arctic fox	3	Walking	N/A	100	43	West	No		-96.300696	64.634772			Not Exceeded	
Road	2021-08-07	2021-08-07 9:12	Sandhill crane	2	Walking	E	50	40	East	No		-96.281437	64.604290			Not Exceeded	
Road	2021-08-07	2021-08-07 10:01	Sandhill crane	2	Standing	N/A	100	33	West	No		-96.216309	64.571455			Not Exceeded	
Road	2021-08-07	2021-08-07 10:18	Sikisk	1	Alert	S	0	23	East	No		-96.124416	64.500556			Not Exceeded	
Road	2021-08-07	2021-08-07 10:47	Muskox	2	Feeding	N/A	2000	15	East	No		-96.052503	64.439805			Not Exceeded	
Road	2021-08-07	2021-08-07 11:00	Bald Eagle	1	Resting	N/A	100	7	East	No		-96.009157	64.372615			Not Exceeded	
Road	2021-08-07	2021-08-07 11:16	Bald Eagle	1	Alert	N/A	100	4	West	No		-95.998450	64.346050			Not Exceeded	
Road	2021-08-08	2021-08-08 8:10	Common raven	4	Flying	S	0	105	West	No		-96.087731	65.034125			Not Exceeded	
Road	2021-08-08	2021-08-08 8:33	Muskox	1	Lying Down	N/A	300	87	East	No		-96.241019	64.954197			Not Exceeded	
Road	2021-08-08	2021-08-08 8:40	Canada goose	13	Standing	N/A	50	81	East	No		-96.302078	64.925182			Not Exceeded	
Road	2021-08-08	2021-08-08 8:46	Other	1	Flying	SW	500	76	West	No		-96.345654	64.887889			Not Exceeded	
Road	2021-08-08	2021-08-08 8:54	Muskox	2	Feeding	N/A	1200	73	West	No		-96.324227	64.862125			Not Exceeded	
Road	2021-08-08	2021-08-08 9:00	Caribou	1	Walking	NW	200	69	West	No		-96.314267	64.827717			Not Exceeded	
Road	2021-08-08	2021-08-08 9:24	Sandhill crane	1	Standing	N/A	50	54	East	No		-96.358351	64.713190			Not Exceeded	
Road	2021-08-08	2021-08-08 9:31	Muskox	4	Feeding	N/A	100	50	Both	No		-96.373099	64.679416			Not Exceeded	
Road	2021-08-08	2021-08-08 9:37	Muskox	2	Standing	N/A	2000	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-08	2021-08-08 9:38	Arctic fox	4	Standing	N/A	5	47	West	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-08	2021-08-08 9:49	Arctic fox	6	Alert	N/A	0	43	East	No		-96.300696	64.634772			Not Exceeded	
Road	2021-08-08	2021-08-08 9:52	Sikisk	1	Lying Down	N/A	0	42	East	No		-96.294904	64.627565			Not Exceeded	
Road	2021-08-08	2021-08-08 10:03	Sikisk	1	Standing	N/A	0	38	East	No		-96.275824	64.590725			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-08-08	2021-08-08 10:09	Sikisk	1	Alert	N/A	0	34	West	No		-96.240467	64.568749			Not Exceeded	
Road	2021-08-08	2021-08-08 10:18	Arctic hare	1	Standing	N/A	50	28	East	No		-96.170129	64.541309			Not Exceeded	
Road	2021-08-08	2021-08-08 10:20	Arctic hare	1	Standing	N/A	0	27	East	No		-96.161247	64.532218			Not Exceeded	
Road	2021-08-08	2021-08-08 11:04	Sikisk	2	Standing	N/A	0	8	Both	No		-96.015465	64.381310			Not Exceeded	
Road	2021-08-08	2021-08-08 11:12	Sikisk	1	Standing	N/A	0	5	East	No		-95.999983	64.356567			Not Exceeded	
Road	2021-08-08	2021-08-08 11:14	Sikisk	2	Standing	N/A	15	4	West	No		-95.998450	64.346050			Not Exceeded	
Road	2021-08-10	2021-08-10 7:57	Caribou	1	Feeding	N/A	5	94	West	No		-96.212688	65.007507			Not Exceeded	
Road	2021-08-10	2021-08-10 8:13	Arctic hare	1	Running	W	0	91	West	Yes		-96.224861	64.984690			Not Exceeded	
Road	2021-08-10	2021-08-10 8:23	Muskox	4	Feeding	W	25	87	Both	No		-96.241019	64.954197			Not Exceeded	
Road	2021-08-10	2021-08-10 8:31	Caribou	15	Walking	N	75	83	East	No		-96.301106	64.935004			Not Exceeded	
Road	2021-08-10	2021-08-10 8:58	Caribou	3	Walking	N	600	69	East	No		-96.314267	64.827717			Not Exceeded	
Road	2021-08-10	2021-08-10 9:05	Caribou	8	Running	S	300	65	East	No		-96.340619	64.794795			Not Exceeded	
Road	2021-08-10	2021-08-10 9:30	Muskox	10	Walking	S	50	100	West	No		-96.146488	65.048837			Not Exceeded	
Road	2021-08-10	2021-08-10 9:32	Arctic fox	2	Running	E	0	50	East	Yes		-96.373099	64.679416			Not Exceeded	
Road	2021-08-10	2021-08-10 9:40	Muskox	9	Lying Down	N/A	25	43	West	No		-96.300696	64.634772			Not Exceeded	
Road	2021-08-10	2021-08-10 10:01	Muskox	34	Walking	S	800	31	West	No		-96.195744	64.554261			Exceeded	Road closed
Road	2021-08-10	2021-08-10 10:10	Caribou	150	Running	W	50	27	West	No		-96.161247	64.532218			Exceeded	Road closed
Road	2021-08-10	2021-08-10 10:47	Caribou	12	Walking	E	0	6	West	Yes		-96.000833	64.364267			Not Exceeded	
Road	2021-08-11	2021-08-11 7:47	Caribou	6	Feeding	N/A	200	93	East	No		-96.221967	65.000766			Not Exceeded	
Road	2021-08-11	2021-08-11 9:05	Muskox	4	Feeding	NE	150	54	East	No		-96.358351	64.713190			Not Exceeded	
Road	2021-08-11	2021-08-11 9:17	Muskox	11	Feeding	N/A	200	49	East	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-11	2021-08-11 9:25	Muskox	12	Walking	N	100	46	West	No		-96.329566	64.656222			Not Exceeded	
Road	2021-08-11	2021-08-11 9:48	Caribou	20	Walking	N	300	36	East	No		-96.261917	64.580427			Not Exceeded	
Road	2021-08-11	2021-08-11 10:05	Caribou	19	Feeding	N	200	28	East	No		-96.170129	64.541309			Not Exceeded	
Road	2021-08-11	2021-08-11 10:25	Caribou	4	Feeding	N/A	300	22	East	No		-96.112561	64.493495			Not Exceeded	
Road	2021-08-11	2021-08-11 10:33	Caribou	1	Running	N	100	20	East	No		-96.095967	64.478675			Not Exceeded	
Road	2021-08-11	2021-08-11 10:37	Caribou	2	Running	W	0	19	West	Yes		-96.086600	64.470197			Not Exceeded	
Road	2021-08-12	2021-08-12 8:03	Muskox	14	Feeding	N/A	600	89	East	No		-96.219560	64.967443			Exceeded	Road closed
Road	2021-08-12	2021-08-12 8:29	Muskox	1	Feeding	W	200	80	West	No		-96.306243	64.917070			Not Exceeded	
Road	2021-08-12	2021-08-12 9:17	Caribou	13	Lying Down	N/A	500	55	East	No		-96.345974	64.718549			Not Exceeded	
Road	2021-08-12	2021-08-12 9:21	Caribou	29	Walking	NE	800	54	East	No		-96.358351	64.713190			Exceeded	Road closed
Road	2021-08-12	2021-08-12 9:36	Muskox	3	Feeding	N/A	25	48	Both	No		-96.368783	64.664167			Not Exceeded	
Road	2021-08-12	2021-08-12 9:53	Caribou	22	Feeding	N/A	600	44	East	No		-96.303521	64.641705			Not Exceeded	
Road	2021-08-12	2021-08-12 10:10	Caribou	200	Feeding	N/A	50	38	East	No		-96.275824	64.590725			Exceeded	Road closed
Road	2021-08-12	2021-08-12 10:28	Caribou	15	Walking	NW	800	33	East	No		-96.216309	64.571455			Not Exceeded	
Road	2021-08-12	2021-08-12 10:33	Caribou	8	Walking	N	30	32	East	No	Got scared of the truck a little and went far after	-96.204460	64.564692			Not Exceeded	
Road	2021-08-12	2021-08-12 10:39	Caribou	25	Walking	E	700	31	East	No		-96.195744	64.554261			Not Exceeded	
Road	2021-08-12	2021-08-12 10:47	Caribou	50	Walking	N	40	30	East	No		-96.195770	64.554309			Exceeded	Road closed
Road	2021-08-12	2021-08-12 10:54	Caribou	5	Walking	N	200	29	East	No		-96.181250	64.547333			Not Exceeded	
Road	2021-08-12	2021-08-12 10:57	Caribou	14	Walking	E	75	28	East	No		-96.170129	64.541309			Not Exceeded	
Road	2021-08-12	2021-08-12 11:08	Caribou	100	Walking	N	100	27	East	No		-96.161247	64.532218			Exceeded	Road closed
Road	2021-08-12	2021-08-12 11:15	Caribou	19	Walking	N	150	26	East	No		-96.161459	64.523534			Not Exceeded	
Road	2021-08-12	2021-08-12 11:23	Caribou	5	Walking	N	200	24	East	No		-96.136514	64.507894			Not Exceeded	
Road	2021-08-12	2021-08-12 11:29	Caribou	26	Lying Down	W	10	22	East	No		-96.112561	64.493495			Exceeded	Road closed
Road	2021-08-12	2021-08-12 11:46	Muskox	1	Feeding	N/A	300	22	East	No		-96.112561	64.493495			Not Exceeded	
Road	2021-08-12	2021-08-12 11:50	Caribou	5	Feeding	N	100	22	East	No		-96.112561	64.493495			Not Exceeded	
Road	2021-08-12	2021-08-12 11:57	Muskox	6	Feeding	N/A	1000	20	East	No		-96.095967	64.478675			Not Exceeded	
Road	2021-08-12	2021-08-12 12:03	Caribou	3	Walking	N	50	20	East	No		-96.095967	64.478675			Not Exceeded	
Road	2021-08-12	2021-08-12 12:08	Caribou	27	Feeding	N/A	1000	19	East	No		-96.086600	64.470197			Exceeded	Road closed
Road	2021-08-12	2021-08-12 12:18	Caribou	22	Feeding	N/A	600	15	East	No		-96.052503	64.439805			Not Exceeded	
Road	2021-08-12	2021-08-12 12:25	Caribou	51	Walking	S	10	13	East	No		-96.036808	64.423438			Exceeded	Road closed
Road	2021-08-13	2021-08-13 11:01	Muskox	1	Feeding	N/A	75	13	West	No		-96.036808	64.423438			Not Exceeded	
Road	2021-08-13	2021-08-13 11:03	Caribou	4	Feeding	N/A	75	14	East	No		-96.043001	64.431208			Not Exceeded	
Road	2021-08-13	2021-08-13 11:30	Caribou	20	Walking	Not Recorded	75	32	East	No		-96.204460	64.564692			Not Exceeded	
Road	2021-08-13	2021-08-13 11:40	Muskox	9	Feeding	N/A	30	35	West	No		-96.244259	64.573856			Not Exceeded	
Road	2021-08-13	2021-08-13 11:44	Caribou	2	Walking	E	80	36	East	No		-96.261917	64.580427			Not Exceeded	
Road	2021-08-13	2021-08-13 12:02	Muskox	4	Feeding	N/A	80	49	Both	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-13	2021-08-13 12:07	Caribou	15	Running	N	900	50	East	No	Running away from hunters	-96.373099	64.679416			Not Exceeded	
Road	2021-08-13	2021-08-13 12:14	Caribou	87	Feeding	NW	10	54	East	No		-96.358351	64.713190			Exceeded	Road closed
Road	2021-08-13	2021-08-13 12:43	Muskox	11	Feeding	N/A	800	61	West	No		-96.354666	64.763274			Not Exceeded	
Road	2021-08-13	2021-08-13 12:45	Caribou	14	Walking	N	60	62	West	No		-96.344400	64.773733			Not Exceeded	
Road	2021-08-13	2021-08-13 12:56	Caribou	6	Walking	W	30	65	East	No		-96.340619	64.794795			Not Exceeded	
Road	2021-08-13	2021-08-13 13:01	Caribou	3	Feeding	S	20	66	West	No		-96.335007	64.804507			Not Exceeded	
Road	2021-08-13	2021-08-13 13:05	Caribou	3	Walking	E	50	67	Both	No		-96.326202	64.812326			Not Exceeded	
Road	2021-08-13	2021-08-13 13:14	Caribou	52	Feeding	N/A	50	67	Both	No		-96.326202	64.812326			Exceeded	Road closed
Road	2021-08-13	2021-08-13 13:21	Caribou	5	Walking	W	800	70	East	No		-96.316518	64.836490			Not Exceeded	
Road	2021-08-13	2021-08-13 13:24	Caribou	4	Walking	S	50	71	West	No		-96.319701	64.844713			Not Exceeded	
Road	2021-08-13	2021-08-13 13:28	Caribou	12	Walking	N	75	73	Both	No		-96.324227	64.862125			Not Exceeded	
Road	2021-08-13	2021-08-13 13:32	Caribou	27	Walking	N	70	74	Both	No		-96.330282	64.875228			Exceeded	Road closed
Road	2021-08-13	2021-08-13 13:38	Caribou	3	Walking	N	75	77	East	No		-96.339077	64.895114			Not Exceeded	
Road	2021-08-13	2021-08-13 13:41	Muskox	1	Feeding	N	50	79	West	No		-96.314922	64.909527			Not Exceeded	
Road	2021-08-13	2021-08-13 13:45	Caribou	10	Walking	N	400	83	East	No		-96.301106	64.935004			Not Exceeded	
Road	2021-08-13	2021-08-13 13:58	Caribou	1	Feeding	N	60	88	East	No		-96.220600	64.958094			Not Exceeded	
Road	2021-08-13	2021-08-13 14:06	Caribou	2	Feeding	N	20	90	Both	No		-96.222082	64.975014			Not Exceeded	
Road	2021-08-14	2021-08-14 7:06	Caribou	10	Standing	E	700	85	East	No		-96.261434	64.938860			Not Exceeded	
Road	2021-08-14	2021-08-14 7:07	Muskox	16	Feeding	N/A	15	85	Both	No		-96.261434	64.938860			Exceeded	Road closed
Road	2021-08-14	2021-08-14 7:12	Caribou	3	Running	S	900	86	West	No		-96.252797	64.946837			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-08-14	2021-08-14 7:18	Caribou	28	Feeding	N	400	79	East	No		-96.314922	64.909527			Exceeded	Road closed
Road	2021-08-14	2021-08-14 7:26	Caribou	200	Walking	N	200	75	Both	Yes		-96.336143	64.879464			Exceeded	Road closed
Road	2021-08-14	2021-08-14 7:44	Caribou	50	Standing	N/A	900	72	East	No		-96.323840	64.853863			Exceeded	Road closed
Road	2021-08-14	2021-08-14 7:54	Caribou	25	Feeding	SW	10	66	Both	No		-96.335007	64.804507			Not Exceeded	
Road	2021-08-14	2021-08-14 7:59	Caribou	13	Resting	N/A	20	65	West	No		-96.340619	64.794795			Not Exceeded	
Road	2021-08-14	2021-08-14 8:11	Muskox	1	Lying Down	N/A	10	56	West	No		-96.351394	64.725882			Not Exceeded	
Road	2021-08-14	2021-08-14 8:19	Muskox	10	Walking	S	10	50	West	No		-96.373099	64.679416			Not Exceeded	
Road	2021-08-14	2021-08-14 8:21	Caribou	3	Walking	S	30	50	West	No		-96.373099	64.679416			Not Exceeded	
Road	2021-08-14	2021-08-14 8:24	Caribou	8	Resting	N/A	100	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-14	2021-08-14 8:25	Muskox	1	Standing	N/A	200	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-14	2021-08-14 8:29	Caribou	50	Walking	N/A	50	45	East	No		-96.313357	64.652430			Exceeded	Road closed
Road	2021-08-14	2021-08-14 8:31	Caribou	25	Running	S	300	43	East	No		-96.300696	64.634772			Not Exceeded	
Road	2021-08-14	2021-08-14 8:52	Caribou	25	Walking	N	200	29	East	No		-96.181250	64.547333			Not Exceeded	
Road	2021-08-14	2021-08-14 9:23	Caribou	3	Running	W	100	6	West	No		-96.000833	64.364267			Not Exceeded	
Road	2021-08-15	2021-08-15 7:35	Caribou	2	Feeding	N/A	300	101	West	No		-96.140286	65.056693			Not Exceeded	
Road	2021-08-15	2021-08-15 7:41	Caribou	1	Alert	E	50	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-08-15	2021-08-15 7:43	Caribou	1	Not recorded	N/A	2000	97	West	No		-96.171148	65.025936			Not Exceeded	
Road	2021-08-15	2021-08-15 7:47	Caribou	1	Alert	N/A	100	94	East	No		-96.212688	65.007507			Not Exceeded	
Road	2021-08-15	2021-08-15 7:51	Caribou	1	Feeding	N/A	30	92	East	No		-96.221913	64.994349			Not Exceeded	
Road	2021-08-15	2021-08-15 7:54	Caribou	3	Feeding	N/A	100	91	East	No		-96.224861	64.984690			Not Exceeded	
Road	2021-08-15	2021-08-15 8:02	Muskox	1	Feeding	N/A	100	85	West	No		-96.261434	64.938860			Not Exceeded	
Road	2021-08-15	2021-08-15 8:07	Caribou	2	Alert	N/A	100	81	West	No		-96.302078	64.925182			Not Exceeded	
Road	2021-08-15	2021-08-15 8:10	Muskox	3	Feeding	N/A	200	80	East	No		-96.306243	64.917070			Not Exceeded	
Road	2021-08-15	2021-08-15 8:14	Muskox	12	Lying Down	N/A	30	77	West	No		-96.339077	64.895114			Not Exceeded	
Road	2021-08-15	2021-08-15 8:15	Caribou	5	Feeding	N/A	500	77	West	No		-96.339077	64.895114			Not Exceeded	
Road	2021-08-15	2021-08-15 8:20	Canada goose	48	Walking	N/A	30	73	West	No		-96.324227	64.862125			Not Exceeded	
Road	2021-08-15	2021-08-15 8:25	Arctic fox	2	Trotting/runni	N/A	20	70	West	No		-96.316518	64.836490			Not Exceeded	
Road	2021-08-15	2021-08-15 8:32	Caribou	2	Feeding	N/A	400	65	West	No		-96.340619	64.794795			Not Exceeded	
Road	2021-08-15	2021-08-15 8:39	Muskox	10	Walking	NW	100	60	West	No		-96.363626	64.755482			Not Exceeded	
Road	2021-08-15	2021-08-15 8:44	Caribou	2	Feeding	N/A	1500	57	East	No		-96.360134	64.731372			Not Exceeded	
Road	2021-08-15	2021-08-15 8:45	Muskox	1	Feeding	N/A	200	57	West	No		-96.360134	64.731372			Not Exceeded	
Road	2021-08-15	2021-08-15 8:53	Caribou	8	Feeding	N/A	100	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-15	2021-08-15 8:56	Muskox	2	Running	W	100	49	West	No		-96.370716	64.668800			Not Exceeded	
Road	2021-08-15	2021-08-15 8:58	Caribou	4	Feeding	N/A	1000	48	West	No		-96.368783	64.664167			Not Exceeded	
Road	2021-08-15	2021-08-15 9:12	Arctic fox	3	Resting	N/A	0	43	Both	Yes		-96.300696	64.634772			Not Exceeded	
Road	2021-08-15	2021-08-15 9:28	Sandhill crane	6	Standing	N/A	150	30	West	No		-96.195770	64.554309			Not Exceeded	
Road	2021-08-15	2021-08-15 9:30	Arctic hare	1	Running	NW	30	29	West	No		-96.181250	64.547333			Not Exceeded	
Road	2021-08-15	2021-08-15 9:31	Caribou	1	Feeding	N/A	150	27	East	No		-96.161247	64.532218			Not Exceeded	
Road	2021-08-15	2021-08-15 9:32	Arctic fox	1	Resting	N/A	0	27	East	Yes		-96.161247	64.532218			Not Exceeded	
Road	2021-08-15	2021-08-15 9:34	Caribou	2	Feeding	N/A	200	26	West	No		-96.161459	64.523534			Not Exceeded	
Road	2021-08-15	2021-08-15 9:42	Caribou	1	Feeding	N/A	300	20	East	No		-96.095967	64.478675			Not Exceeded	
Road	2021-08-15	2021-08-15 9:46	Sandhill crane	2	Resting	N/A	200	18	West	No		-96.082395	64.461026			Not Exceeded	
Road	2021-08-15	2021-08-15 9:47	Caribou	5	Trotting/runni	S	50	17	West	No		-96.077050	64.453259			Not Exceeded	
Road	2021-08-15	2021-08-15 9:50	Caribou	4	Trotting/runni	E	20	15	Both	Yes	2 going east 2 going west	-96.052503	64.439805			Not Exceeded	
Incidental	2021-08-15	2021-08-15 16:56	Muskox	25	Walking	N/A	30	7	Both	No		-96.009157	64.372615			Exceeded	Road closed
Road	2021-08-21	2021-08-21 7:49	Caribou	1	Standing	N/A	400	101	West	No		-96.140286	65.056693			Not Exceeded	
Road	2021-08-21	2021-08-21 7:55	Sandhill crane	2	Foraging	W	150	98	West	No		-96.157649	65.032482			Not Exceeded	
Road	2021-08-21	2021-08-21 7:56	Caribou	2	Foraging	N/A	200	97	West	No		-96.171148	65.025936			Not Exceeded	
Road	2021-08-21	2021-08-21 7:59	Muskox	9	Resting	N/A	700	96	West	No		-96.180890	65.018097			Not Exceeded	
Road	2021-08-21	2021-08-21 8:07	Caribou	1	Walking	S	300	90	West	No		-96.222082	64.975014			Not Exceeded	
Road	2021-08-21	2021-08-21 8:13	Caribou	2	Walking	N	300	87	West	No		-96.241019	64.954197			Not Exceeded	
Road	2021-08-21	2021-08-21 9:17	Caribou	11	Foraging	S	400	50	West	No		-96.373099	64.679416			Not Exceeded	
Road	2021-08-21	2021-08-21 9:26	Caribou	2	Foraging	N/A	200	47	East	No		-96.346559	64.657993			Not Exceeded	
Road	2021-08-21	2021-08-21 9:43	Caribou	1	Foraging	N/A	400	36	East	No		-96.261917	64.580427			Not Exceeded	
Road	2021-08-21	2021-08-21 9:45	Caribou	1	Trotting/runni	E	75	36	East	No		-96.261917	64.580427			Not Exceeded	
Road	2021-08-21	2021-08-21 10:08	Caribou	10	Walking	N	200	21	West	No		-96.104504	64.486934			Not Exceeded	
Road	2021-08-21	2021-08-21 10:16	Bald Eagle	1	Standing	N/A	200	17	East	No		-96.077050	64.453259			Not Exceeded	
Road	2021-08-21	2021-08-21 10:23	Caribou	24	Lying Down	N/A	300	13	West	No		-96.036808	64.423438			Not Exceeded	
Road	2021-08-21	NA	NA	NA				NA				NA	NA				
Incidental	2021-08-26	2021-08-26 6:50	Caribou	5	Feeding	N/A	150	98	West	No		-96.157649	65.032482			Not Exceeded	
Incidental	2021-09-03	2021-09-03 7:22	Caribou	5	Feeding	N/A	30	104	East	No		-96.097213	65.044578			Not Exceeded	
Road	2021-09-03	2021-09-03 12:44	Snow goose	100	Feeding	N/A	500	23	West	No		-96.123392	64.497516			Not Exceeded	
Road	2021-09-03	2021-09-03 13:16	Sandhill crane	4	Flying	S	20	45	East	N/A		-96.304568	64.621440			Not Exceeded	
Road	2021-09-03	2021-09-03 13:23	Snow goose	50	Feeding	N/A	400	48	East	No		-96.364470	64.662320			Not Exceeded	
Road	2021-09-03	2021-09-03 13:34	Muskox	1	Feeding	N/A	300	57	East	No		-96.360554	64.712163			Not Exceeded	
Road	2021-09-03	2021-09-03 13:36	Rough-legged-H	1	Flying	E	100	58	East	No		-96.370668	64.749361			Not Exceeded	
Road	2021-09-03	2021-09-03 13:48	Snow goose	140	Feeding	N/A	800	69	East	No		-96.340606	64.794478			Not Exceeded	
Road	2021-09-03	2021-09-03 14:05	Snow goose	130	Feeding	N/A	100	82	West	No		-96.302654	64.918827			Not Exceeded	
Road	2021-09-03	2021-09-03 14:12	Snow goose	62	Feeding	N/A	100	86	East	No		-96.253545	64.945203			Not Exceeded	
Road	2021-09-03	2021-09-03 14:14	Caribou	4	Feeding	N/A	50	86	West	No		-96.246254	64.952611			Not Exceeded	
Road	2021-09-03	2021-09-03 14:17	Canada goose	13	Walking	E	15	89	West	No		-96.220375	64.969577			Not Exceeded	
Road	2021-09-03	2021-09-03 14:23	Caribou	3	Foraging	SE	100	95	West	No		-96.200421	65.009394			Not Exceeded	
Road	2021-09-03	2021-09-03 14:29	Snow goose	80	Alert	N/A	20	102	East	No		-96.143115	65.055761			Not Exceeded	
Road	2021-09-03	2021-09-03 14:38	Muskox	1	Resting	N/A	400	104	East	No		-96.081086	65.026643			Not Exceeded	
Road	2021-09-10	2021-09-10 9:34	Caribou	2	Foraging	N/A	100	104	West	No		-96.070921	65.023264			Not Exceeded	
Road	2021-09-10	2021-09-10 9:46	Snow goose	15	Feeding	N/A	500	101	West	No		-96.137903	65.057192			Not Exceeded	
Road	2021-09-10	2021-09-10 9:57	Muskox	1	Feeding	N/A	75	93	East	No		-96.211196	65.007913			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-09-10	2021-09-10 10:01	Caribou	1	Alert	E	50	91	East	No		-96.223886	64.990066			Not Exceeded	
Road	2021-09-10	2021-09-10 10:04	Caribou	2	Walking	W	0	90	West	Yes	Crossing east to west	-96.222401	64.977717			Not Exceeded	
Road	2021-09-10	2021-09-10 10:09	Caribou	6	Feeding	N/A	0	89	Both	Yes	4 (3 females and 1 calf) on the east side, 2 male on the west side	-96.221272	64.957879			Not Exceeded	
Road	2021-09-10	2021-09-10 10:35	Caribou	2	Foraging	S	150	81	West	No		-96.310532	64.912197			Not Exceeded	
Road	2021-09-10	2021-09-10 10:49	Snow goose	150	Alert	N/A	30	70	East	No		-96.319915	64.845033			Not Exceeded	
Road	2021-09-10	2021-09-10 10:49	Sandhill crane	4	Walking	W	20	67	West	No		-96.327176	64.817872			Not Exceeded	
Incidental	2021-09-10	2021-09-10 11:05	Caribou	14	Alert	N	200	70	East	No		-96.316518	64.836490	No		Not Exceeded	
Road	2021-09-10	2021-09-10 11:33	Arctic fox	1	Dead	N/A	0	61	East	No	Project related mortality	-96.345996	64.770904			Not Exceeded	
Road	2021-09-10	2021-09-10 11:50	Arctic fox	1	Dead	N/A	0	52	East	No	Project related mortality	-96.360336	64.758389			Not Exceeded	
Road	2021-09-10	2021-09-10 12:29	Muskox	15	Feeding	N/A	700	20	West	No		-96.307405	64.648387			Exceeded	Speed Restriction Applied.
Road	2021-09-12	2021-09-12 10:27	Caribou	1	Feeding	N/A	200	95	East	No		-96.070991	65.022910			Not Exceeded	
Road	2021-09-12	2021-09-12 10:40	Snow goose	100	Resting	N/A	50	84	East	No		-96.222624	65.002249			Not Exceeded	
Road	2021-09-12	2021-09-12 10:42	Peregrine falcon	1	Standing	E	30	84	West	No	On the top of the quarry	-96.276116	64.937259			Not Exceeded	
Road	2021-09-12	2021-09-12 11:00	Snow goose	90	Feeding	N/A	80	70	East	N/A		-96.300962	64.934996			Not Exceeded	
Road	2021-09-12	2021-09-12 11:14	Canada goose	23	Flying	W	40	58	Both	N/A		-96.319568	64.825271			Not Exceeded	
Road	2021-09-12	2021-09-12 11:30	Sandhill crane	2	Feeding	N/A	30	46	West	No		-96.357057	64.726943			Not Exceeded	
Road	2021-09-12	2021-09-12 12:18	Sandhill crane	2	Flying	W	15	11	West	No		-96.021366	64.401956			Not Exceeded	
Incidental	2021-09-14	2021-09-14 9:14	Muskox	12	Foraging	NE		8				-95.971700	64.325250	No		Not Exceeded	
Incidental	2021-09-14	2021-09-14 11:39	Caribou	2	Foraging	E	60	88	East	No		-96.220600	64.958094	No		Not Exceeded	
Road	2021-09-14	NA	NA	NA				NA				NA	NA				
Road	2021-09-15	2021-09-15 9:29	Muskox	2	Feeding	N/A	25	105	East	No		-96.071008	65.023289			Not Exceeded	
Road	2021-09-15	2021-09-15 9:34	Caribou	1	Feeding	N/A	200	103	West	No		-96.100612	65.048068			Not Exceeded	
Road	2021-09-15	2021-09-15 9:36	Muskox	18	Feeding	N/A	500	103	West	No		-96.101060	65.048553			Exceeded	Speed Restriction Applied.
Road	2021-09-15	2021-09-15 9:37	Muskox	5	Feeding	N/A	80	102	West	No		-96.111442	65.048861			Not Exceeded	
Road	2021-09-15	2021-09-15 9:41	Caribou	2	Feeding	N/A	120	100	East	No		-96.146353	65.049570			Not Exceeded	
Road	2021-09-15	2021-09-15 9:47	Snow goose	75	Feeding	N/A	20	98	Both	No		-96.162227	65.030309			Not Exceeded	
Road	2021-09-15	2021-09-15 10:03	Muskox	1	Alert	N/A	35	84	West	Deflection		-96.185545	65.015498			Not Exceeded	
Road	2021-09-15	2021-09-15 10:31	Caribou	23	Walking	S	50	12	East	No		-96.029920	64.413938			Not Exceeded	
Road	2021-09-15	2021-09-15 10:39	Arctic hare	1	Dead	N/A	0	66	East	N/A	Project related mortality	-96.335734	64.803905			Not Exceeded	
Road	2021-09-15	2021-09-15 10:59	Sandhill crane	3	Feeding	N/A	20	49	East	N/A		-96.336155	64.803477			Not Exceeded	
Road	2021-09-15	2021-09-15 11:14	Caribou	78	Foraging	NW	100	20	East	Deflection		-96.095967	64.478675			Exceeded	Speed Restriction Applied.
Road	2021-09-15	2021-09-15 11:38	Caribou	70	Walking	NW	2000	22	East	No		-96.112871	64.493645			Exceeded	More than 1500m from the road
Road	2021-09-15	2021-09-15 12:00	Caribou	100	Walking	SE	800	20	East	No		-96.112854	64.493630			Exceeded	Speed Restriction Applied.
Road	2021-09-15	2021-09-15 12:16	Sandhill crane	2	Feeding	N/A	30	14	West	No		-96.093777	64.476911			Not Exceeded	
Incidental	2021-09-15	2021-09-15 15:30	Muskox	2	Walking	S	200	105	East	No		-96.087731	65.034125			Not Exceeded	
Incidental	2021-09-15	2021-09-15 15:38	Bald Eagle	2	Feeding	NE		NA			One adult and one juvenile standing in the tundra. Probably after	-96.077050	64.453259	No		Not Exceeded	
Incidental	2021-09-15	2021-09-15 16:03	Bald Eagle	1	Standing	N/A	20	26	East	No		-96.161459	64.523534	No		Not Exceeded	
Incidental	2021-09-15	2021-09-15 16:37	Sandhill crane	12	Standing	N/A	10	49	West	No		-96.370716	64.668800	No		Not Exceeded	
Incidental	2021-09-15	2021-09-15 17:56	Caribou	17	Feeding	N/A	0	104	Both	Yes		-96.097213	65.044578	No		Not Exceeded	
Road	2021-09-15	NA	NA	NA				NA				NA	NA				
Road	2021-09-16	2021-09-16 8:55	Caribou	3	Lying Down	N/A	75	104	East	No		-96.070932	65.023301			Not Exceeded	
Road	2021-09-16	2021-09-16 8:57	Muskox	19	Lying Down	N/A	200	103	West	No		-96.102165	65.049157			Exceeded	Speed Restriction Applied.
Road	2021-09-16	2021-09-16 8:59	Caribou	3	Standing	N/A	300	102	East	No		-96.127442	65.051352			Not Exceeded	
Road	2021-09-16	2021-09-16 9:18	Muskox	1	Standing	N/A	200	89	East	No		-96.146007	65.054583			Not Exceeded	
Road	2021-09-16	2021-09-16 9:22	Caribou	3	Alert	N/A	75	87	West	No		-96.227079	64.956664			Not Exceeded	
Road	2021-09-16	2021-09-16 9:23	Muskox	3	Feeding	N/A	25	86	East	No		-96.251364	64.949415			Not Exceeded	
Road	2021-09-16	2021-09-16 9:27	Bald Eagle	2	Flying	N/A	600	84	East	No		-96.270252	64.938031			Not Exceeded	
Road	2021-09-16	2021-09-16 9:54	Caribou	2	Feeding	N/A	300	74	West	No		-96.287761	64.934295			Not Exceeded	
Road	2021-09-16	2021-09-16 10:07	Caribou	7	Feeding	N/A	300	65	West	No		-96.323992	64.869966			Not Exceeded	
Road	2021-09-16	2021-09-16 10:09	Peregrine falcon	1	Flying	N/A	70	86	West	No		-96.340714	64.795557			Not Exceeded	
Road	2021-09-16	2021-09-16 10:29	Arctic fox	1	Running	S	175	50	West	No		-96.344796	64.784140			Not Exceeded	
Road	2021-09-16	2021-09-16 10:44	Peregrine falcon	1	Flying	N/A	0	38	West	N/A	Quarry at km 38. A peregrine falcon chasing snowgoose away from	-96.371708	64.673734			Not Exceeded	
Road	2021-09-16	2021-09-16 10:53	Muskox	22	Lying Down	N/A	150	83	East	No		-96.236064	64.567548			Exceeded	Speed Restriction Applied.
Road	2021-09-16	2021-09-16 11:03	Caribou	50	Feeding	N	500	28	East	No		-96.219196	64.570339			Exceeded	Speed Restriction Applied.
Road	2021-09-16	2021-09-16 11:06	Caribou	30	Walking	N	200	25	East	No		-96.160265	64.529544			Exceeded	Speed Restriction Applied.
Road	2021-09-16	2021-09-16 11:29	Muskox	14	Feeding	S	125	11	West	No		-96.138515	64.508868			Exceeded	Speed Restriction Applied.
Road	2021-09-16	2021-09-16 12:01	Caribou	7	Foraging	S	50	74	West	No		-96.330282	64.875228			Not Exceeded	
Road	2021-09-16	2021-09-16 12:17	Caribou	14	Running	S	200	65	East	No		-96.340619	64.794795			Not Exceeded	
Road	2021-09-16	2021-09-16 13:11	Muskox	21	Walking	S	700	32	East	No		-96.204460	64.564692			Exceeded	Speed Restriction Applied.
Incidental	2021-09-16	2021-09-16 15:36	Muskox	6	Feeding	N/A	200	105	East	No		-96.087731	65.034125	Successful deterrence		Not Exceeded	
Road	2021-09-17	2021-09-17 10:02	Caribou	7	Foraging	NW	100	16	East	No		-96.062421	64.446277			Not Exceeded	
Road	2021-09-17	2021-09-17 10:24	Caribou	5	Walking	E	200	25	East	No		-96.062421	64.446277			Not Exceeded	
Road	2021-09-18	2021-09-18 6:59	Caribou	2	Feeding	N/A	75	104	East	No		-96.070925	65.023254			Not Exceeded	
Road	2021-09-18	2021-09-18 7:01	Caribou	1	Foraging	N/A	150	103	East	No		-96.112000	65.048819			Not Exceeded	
Road	2021-09-18	2021-09-18 7:05	Caribou	2	Feeding	N/A	30	102	East	No		-96.146876	65.053056			Not Exceeded	
Road	2021-09-18	2021-09-18 7:11	Muskox	1	Feeding	N/A	400	95	West	No		-96.185566	65.053056			Not Exceeded	
Road	2021-09-18	2021-09-18 7:13	Muskox	1	Foraging	N/A	400	95	West	No		-96.215094	65.006863			Not Exceeded	
Road	2021-09-18	2021-09-18 7:20	Caribou	4	Running	N	100	89	East	No		-96.224791	64.986770			Not Exceeded	
Road	2021-09-18	2021-09-18 8:40	Arctic hare	1	Dead	N/A	0	32	Both	Yes	Project related mortality	-96.204460	64.564692			Not Exceeded	
Road	2021-09-18	2021-09-18 8:42	Muskox	21	Foraging	N/A	300	31	East	No		-96.187420	64.550450			Exceeded	Speed Restriction Applied.
Road	2021-09-18	2021-09-18 9:08	Caribou	12	Running	N	150	10	East	No	Hunters on the road following them	-96.161631	64.532909			Not Exceeded	
Road	2021-09-19	NA	NA	NA				NA				NA	NA				
Road	2021-09-21	2021-09-21 8:19	Caribou	4	Feeding	N/A	40	103	East	No		-96.071742	65.022928			Not Exceeded	
Road	2021-09-21	2021-09-21 8:27	Muskox	1	Standing	N/A	20	99	West	No		-96.071742	65.022928			Not Exceeded	

Table A-1
Wildlife Observations Along the AWAR in 2021

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-09-21	2021-09-21 8:30	Muskox	1	Walking	S	70	96	West	No		-96.071742	65.022928			Not Exceeded	
Road	2021-09-21	2021-09-21 9:26	Caribou	5	Walking	SE	300	53	East	No		-96.373087	64.706060			Not Exceeded	
Road	2021-09-21	2021-09-21 9:42	Siksisik	1	Alert	N/A	0	43	West	No		-96.300696	64.634772			Not Exceeded	
Incidental	2021-09-21	2021-09-21 16:21	Caribou	30	Foraging	N/A	300	53	East	No		-96.373087	64.706060			Not Exceeded	
Road	2021-09-24	2021-09-24 9:14	Caribou	1	Resting	N/A	500	102	East	No		-96.072081	65.022776			Not Exceeded	
Road	2021-09-24	2021-09-24 9:23	Muskox	2	Resting	N/A	500	96	West	No		-96.072081	65.022776			Not Exceeded	
Road	2021-09-24	2021-09-24 9:28	Muskox	4	Feeding	N/A	70	93	East	No		-96.216857	65.006393			Not Exceeded	
Road	2021-09-24	2021-09-24 9:32	Muskox	1	Resting	N/A	50	90	East	No		-96.221399	64.971438			Not Exceeded	
Road	2021-09-24	2021-09-24 9:36	Muskox	2	Feeding	N/A	1000	86	West	No		-96.253328	64.945748			Not Exceeded	
Road	2021-09-24	2021-09-24 9:54	Caribou	4	Feeding	N/A	350	70	West	No		-96.321237	64.846649			Not Exceeded	
Road	2021-09-24	2021-09-24 9:57	Siksisik	1	Standing	N/A	0	69	East	No		-96.315312	64.826791			Not Exceeded	
Road	2021-09-24	2021-09-24 10:14	Siksisik	1	Standing	N/A	0	54	East	No		-96.340474	64.797306			Not Exceeded	
Road	2021-09-24	2021-09-24 10:44	Muskox	8	Feeding	N/A	1000	31	East	No		-96.379461	64.697130			Not Exceeded	
Road	2021-09-24	2021-09-24 11:00	Arctic hare	1	Standing	N/A	15	19	East	No		-96.181569	64.547443			Not Exceeded	
Road	2021-09-24	2021-09-24 11:16	Arctic hare	5	Resting	N/A	30	5	East	No		-96.085266	64.467872			Not Exceeded	
Road	2021-09-24	2021-09-24 11:19	Snow goose	6	Standing	N/A	50	5	East	No		-95.998953	64.346745			Not Exceeded	
Road	2021-09-28	2021-09-28 9:30	Muskox	3	Resting	N/A	60	96	West	No		-96.131046	65.055220			Not Exceeded	
Road	2021-09-28	2021-09-28 9:50	Snow goose	4	Walking	S	50	82	West	No		-96.314564	64.931602			Not Exceeded	
Road	2021-09-28	2021-09-28 10:20	Muskox	1	Feeding	S	60	57	West	No		-96.356986	64.733940			Not Exceeded	
Road	2021-09-28	2021-09-28 10:55	Muskox	1	Feeding	N/A	1000	32	East	No		-96.202337	64.567480			Not Exceeded	
Road	2021-09-28	2021-09-28 11:34	Arctic fox	1	Trotting/runni	N	70	9	East	No		-96.016846	64.395714			Not Exceeded	
Incidental	2021-10-02	2021-10-02 7:46	Muskox	9	Feeding	N/A	20	90	Both	No	Very foggy	-96.227082	64.975014	No -		Not Exceeded	
Road	2021-10-02	2021-10-02 11:34	Muskox	2	Resting	N/A	50	1	West	No		-95.953101	64.305917			Not Exceeded	
Road	2021-10-02	2021-10-02 13:38	Muskox	1	Feeding	N/A	750	97	West	No		-96.173192	65.025329			Not Exceeded	
Road	2021-10-02	2021-10-02 13:52	Caribou	7	Feeding	N/A	30	104	East	No		-96.146295	65.050648			Not Exceeded	
Road	2021-10-05	2021-10-05 9:17	Muskox	19	Foraging	S	20	31	West	No		-96.195744	64.554261			Exceeded	Speed Restriction Applied.
Road	2021-10-05	2021-10-05 11:50	Caribou	1	Foraging	N/A	300	85	East	N/A		-96.261434	64.938860	No -		Not Exceeded	
Road	2021-10-05	2021-10-05 12:48	Muskox	1	Foraging	N/A	30	45	West	N/A		-96.313357	64.652430	No -		Not Exceeded	
Road	2021-10-09	2021-10-09 9:07	Muskox	5	Feeding	N/A	30	101	West	No	1 was 10m to the road	-96.140286	65.056693	No -		Not Exceeded	
Road	2021-10-09	2021-10-09 10:32	Muskox	1	Lying Down	N/A	50	44	West	No		-96.303521	64.641705	No -		Not Exceeded	
Road	2021-10-12	2021-10-12 9:05	Ptarmigan	24	Alert	W	0	93	West	Deflection		-96.221967	65.000766	No -		Not Exceeded	
Incidental	2021-10-13	2021-10-13 11:36	Arctic fox	1	Dead	N/A	0	16	West	Yes	Project related mortality	-96.062421	64.446277	No -		Not Exceeded	
Incidental	2021-10-13	2021-10-13 16:36	Muskox	2	Lying Down	N/A	30	1	West	No		-95.971700	64.325250	No -		Not Exceeded	
Incidental	2021-10-13	2021-10-13 18:36	Muskox	2	Feeding	N/A	50	96	West	No		-96.180890	65.018097	No -		Not Exceeded	
Road	2021-10-17	2021-10-17 10:00	Muskox	2	Lying Down	N/A	600	96	West	No		-96.180890	65.018097	No -		Not Exceeded	
Road	2021-10-17	2021-10-17 12:15	Muskox	2	Feeding	N/A	220	1	West	No		-95.971700	64.325250	No -		Not Exceeded	
Road	2021-10-19	NA	NA	NA				NA				NA	NA				
Road	2021-10-22	2021-10-22 10:56	Caribou	2	Foraging	N/A	150	13	West	N/A		-96.036808	64.423438	No -		Not Exceeded	
Road	2021-10-26	2021-10-26 11:16	Muskox	2	Foraging	N/A	25	1	West	No		-95.971700	64.325250	No -		Not Exceeded	
Incidental	2021-10-28	2021-10-28 10:15	Arctic hare	1	Dead	N/A	0	92	N/A	N/A	Project related mortality	-96.221913	64.994349	No -		Not Exceeded	
Road	2021-10-28	NA	NA	NA				NA				NA	NA				
Road	2021-10-29	2021-10-29 12:54	Caribou	11	Walking	E	400	53	West	No		-96.373087	64.706060			Not Exceeded	
Road	2021-10-29	2021-10-29 12:54	Caribou	5	Feeding	S	200	88	No	No		-96.301431	64.935018			Not Exceeded	
Road	2021-10-29	2021-10-29 14:01	Ptarmigan	38	Standing	N/A	30	9	East	No		-96.014296	64.389018	No -		Not Exceeded	
Road	2021-10-29	2021-10-29 15:54	Other	1	Walking	N/A	0	80	West	Yes	Silver fox	-96.306243	64.917070	No -		Not Exceeded	
Incidental	2021-10-30	2021-10-30 9:13	Caribou	60	Walking	N	300	89	West	No		-96.219560	64.967443	No -		Not Exceeded	
Incidental	2021-10-30	2021-10-30 9:27	Caribou	28	Feeding	N	300	88	West	No		-96.220600	64.958094	No -		Not Exceeded	
Incidental	2021-10-30	2021-10-30 17:53	Caribou	250	Feeding	S	300	94	West	No	200 feeding 50 walking south	-96.212688	65.007507	No -		Exceeded	Road closure
Road	2021-10-31	2021-10-31 10:48	Caribou	90	Foraging	N/A	200	85	West	N/A		-96.261434	64.938860	No -		Not Exceeded	
Road	2021-10-31	2021-10-31 10:59	Caribou	23	Foraging	N/A	200	92	West	N/A		-96.221913	64.994349	No -		Not Exceeded	
Road	2021-10-31	2021-10-31 11:11	Caribou	700	Walking	W	600	92	East	N/A	Park at km 92, about 2 km in front of me, there is around 700 caribous spread walking towards west. Cannot see if they are crossing, but all walking west. Going back to MBK to avoid disturbance.	-96.221913	64.994349	No -		Exceeded	Road closure
Road	2021-11-01	2021-11-01 9:49	Caribou	58	Walking	E	0	98	Both	Yes	Caribous were on both sides on arrival and walking east. All caribous on west side cross to east	-96.157649	65.032482	No -		Not Exceeded	
Road	2021-11-01	2021-11-01 10:02	Caribou	10	Foraging	N/A	400	92	West	N/A		-96.221913	64.994349	No -		Not Exceeded	
Road	2021-11-01	2021-11-01 10:09	Caribou	8	Walking	W	0	91	Both	Yes	They were on boat side and all cross from east to west.	-96.224861	64.984690	No -		Not Exceeded	
Incidental	2021-11-01	2021-11-01 14:56	Caribou	4	Alert	N/A	500	70	East	No		-96.316518	64.836490	No -		Not Exceeded	
Incidental	2021-11-01	2021-11-01 15:24	Caribou	74	Walking	S	400	89	West	No		-96.219560	64.967443	No -		Not Exceeded	
Road	2021-11-02	NA	NA	NA				NA				NA	NA				
Road	2021-11-04	2021-11-04 9:42	Muskox	4	Feeding	N/A	400	96	West	No		-96.180890	65.018097	No -		Not Exceeded	
Road	2021-11-04	2021-11-04 11:43	Arctic fox	1	Running	S	0	17	East	Deflection		-96.077050	64.453259	No -		Not Exceeded	
Road	2021-11-04	NA	NA	NA				NA				NA	NA				
Road	2021-11-05	NA	NA	NA				NA				NA	NA				
Road	2021-11-05	NA	NA	NA				NA				NA	NA				
Road	2021-11-06	2021-11-06 11:11	Caribou	30	Lying Down	N/A	300	54	East	No		-96.358351	64.713190	No -		Not Exceeded	
Road	2021-11-06	2021-11-06 12:44	Muskox	2	Lying Down	N/A	300	1	West	No		-95.971700	64.325250	No -		Not Exceeded	
Incidental	2021-11-06	2021-11-06 14:50	Caribou	10	Foraging	W	450	46	East	No	Coming back from WL survey	-96.329566	64.656222	No -		Not Exceeded	
Road	2021-11-07	NA	NA	NA				NA				NA	NA				
Road	2021-11-08	2021-11-08 10:51	Ptarmigan	25	Flying	W	0	35	Both	Yes	Km35 awar	-96.244259	64.573856	No -		Not Exceeded	
Incidental	2021-11-08	2021-11-08 12:12	Muskox	1	Feeding	N	100	7	East	No		-96.009157	64.372615	No -		Not Exceeded	
Road	2021-11-08	NA	NA	NA				NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-11-09	2021-11-09 9:06	Arctic fox	1	Walking	E	5	96	East	No		-96.180890	65.018097		No -	Not Exceeded	
Road	2021-11-09	NA	NA	NA				NA				NA	NA				
Road	2021-11-10	2021-11-10 11:35	Arctic fox	1	Trotting/running	E	0	20	Both	Yes		-96.095967	64.478675		No -	Not Exceeded	
Incidental	2021-11-10	2021-11-10 11:47	Arctic hare	1	Dead		0	16		Yes	Project related mortality	-96.062421	64.446277		No -	Not Exceeded	
Road	2021-11-11	NA	NA	NA				NA				NA	NA				
Road	2021-11-12	2021-11-12 9:46	Caribou	60	Walking	SW	1500	69	East	No		-96.314267	64.827717		No -	Not Exceeded	
Road	2021-11-12	2021-11-12 10:01	Caribou	70	Walking	S	1500	67	East	No		-96.326202	64.812326		No -	Not Exceeded	
Road	2021-11-12	2021-11-12 10:17	Caribou	40	Walking	S	1000	63	East	No		-96.344369	64.779316		No -	Not Exceeded	
Road	2021-11-12	2021-11-12 10:22	Caribou	150	Foraging	W	500	61	East	Deflection		-96.368527	64.751362			Exceeded	Road closed
Road	2021-11-12	2021-11-12 10:23	Caribou	60	Walking	S	1500	61	East	No		-96.354666	64.763274		No -	Not Exceeded	
Road	2021-11-12	2021-11-12 10:27	Caribou	145	Feeding	S	500	59	East	No		-96.370585	64.749530		No -	Not Exceeded	Road closed
Road	2021-11-12	2021-11-12 10:51	Caribou	183	Foraging	W	300	65	East	No		-96.339611	64.792380			Exceeded	Road closed
Road	2021-11-12	2021-11-12 10:57	Caribou	178	Walking	W	400	69	East	No		-96.339926	64.799878			Exceeded	Road closed
Road	2021-11-12	2021-11-12 10:59	Muskox	4	Feeding	S	50	98	East	No		-96.163346	65.029491			Not Exceeded	
Road	2021-11-13	2021-11-13 11:19	Ptarmigan	18	Feeding	N/A	0	52	Both	No		-96.377445	64.700864		No -	Not Exceeded	
Road	2021-11-13	2021-11-13 11:45	Caribou	211	Feeding	S	300	65	East	No	Some caribou going south and some going north.	-96.340619	64.794795		No -	Exceeded	Road closed. Escorting the daily ride bus.
Incidental	2021-11-13	2021-11-13 14:49	Muskox	4	Lying Down	N/A	100	97	West	No		-96.171148	65.025936		No -	Not Exceeded	
Incidental	2021-11-13	2021-11-13 15:29	Arctic fox	1	Feeding	SW	0	66	West	Deflection		-96.335007	64.804507		No -	Not Exceeded	
Road	2021-11-14	2021-11-14 11:45	Caribou	4	Walking	S	600	51	East	No		-96.379074	64.693229		No -	Not Exceeded	
Incidental	2021-11-14	2021-11-14 14:28	Caribou	2	Feeding	N/A	600	77	East	No		-96.339077	64.895114		No -	Not Exceeded	
Incidental	2021-11-14	2021-11-14 14:56	Muskox	4	Feeding	N/A	10	97	East	No		-96.171148	65.025936		No -	Not Exceeded	
Road	2021-11-15	2021-11-15 10:37	Caribou	2	Walking	N	200	65	East	Yes		-96.340700	64.795327			Not Exceeded	
Road	2021-11-15	2021-11-15 11:58	Wolverine	1	Trotting/running	S	800	98	East	No		-96.156262	65.031005			Not Exceeded	
Road	2021-11-15	NA	NA	NA				NA				NA	NA				
Road	2021-11-16	2021-11-16 10:39	Caribou	1	Walking	S	600	46	East	No		-96.329566	64.656222		No -	Not Exceeded	
Road	2021-11-16	NA	NA	NA				NA				NA	NA				
Road	2021-11-17	NA	NA	NA				NA				NA	NA				
Road	2021-11-17	NA	NA	NA				NA				NA	NA				
Road	2021-11-18	NA	NA	NA				NA				NA	NA				
Road	2021-11-18	NA	NA	NA				NA				NA	NA				
Road	2021-11-19	NA	NA	NA				NA				NA	NA				
Road	2021-11-19	NA	NA	NA				NA				NA	NA				
Incidental	2021-11-21	2021-11-21 13:00	Wolf	1	Walking	S		79				-96.314922	64.909527	No	No	Not Exceeded	
Incidental	2021-11-22	2021-11-22 12:00	Wolf	1	Not recorded			86				-96.252797	64.946837	No	No	Not Exceeded	
Road	2021-11-22	NA	NA	NA				NA				NA	NA				
Road	2021-11-26	2021-11-26 12:17	Muskox	2	Resting	N/A	120	92	East	No		-96.221913	64.994349		No -	Not Exceeded	
Road	2021-11-26	2021-11-26 12:19	Muskox	2	Lying Down	E	150	92	East	No		-96.224554	64.988278			Not Exceeded	
Incidental	2021-11-28	2021-11-28 9:07	Caribou	30	Walking	S	700	82	East	No		-96.312035	64.930602	No	No	Not Exceeded	
Incidental	2021-11-28	2021-11-28 9:30	Wolf	6	Walking	W	0	71		No		-96.319701	64.844713	No	No	Not Exceeded	
Road	2021-11-29	2021-11-29 10:16	Muskox	2	Walking	S	300	93	East	No		-96.221967	65.000766		No -	Not Exceeded	
Road	2021-11-29	2021-11-29 10:43	Arctic hare	1	Dead	N/A	0	79	West	N/A	Project related mortality. Picked up. Brought to incinerator.	-96.314922	64.909527		No -	Not Exceeded	
Incidental	2021-11-29	2021-11-29 15:17	Caribou	2	Walking	S	300	75	East	No		-96.336143	64.879464		No -	Not Exceeded	
Road	2021-11-29	NA	NA	NA				NA				NA	NA				
Road	2021-12-01	NA	NA	NA				NA				NA	NA				
Road	2021-12-02	NA	NA	NA				NA				NA	NA				
Incidental	2021-12-04	2021-12-04 9:59	Caribou	200	Foraging	N/A	469	13	East	No	30km/h Speed restriction from km5 to km20 Environmental technician observed them for 15 minutes.	-96.036808	64.423438		No -	Exceeded	30km/h Speed restriction from km5 to km20PM observation had the group 3000m
Road	2021-12-04	2021-12-04 12:33	Caribou	46	Foraging	N/A	2000	11	East	No	Hills arounds.	-96.023859	64.405389		No -	Not Exceeded	
Road	2021-12-04	2021-12-04 14:26	Muskox	1	Feeding	E	20	95	East	No		-96.195218	65.012860		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 12:21	Caribou	80	Feeding	NW	1000	28	East	No		-96.170129	64.541309		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 12:22	Caribou	30	Feeding	W	1000	29	East	No		-96.181250	64.547333		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 12:23	Caribou	350	Feeding	W	4000	29	East	No		-96.181250	64.547333		No -	Exceeded	Speed restriction of 30 km/h put in place between KM 10 - 30 More than 1500m
Road	2021-12-05	2021-12-05 12:26	Caribou	104	Feeding	NW	2000	27	East	No		-96.161247	64.532218		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 12:44	Caribou	24	Walking	S	2000	17	East	No	Walking in the middle of the lake	-96.077050	64.453259		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 12:49	Caribou	45	Lying Down	N/A	2000	15	East	No		-96.052503	64.439805		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 12:54	Caribou	27	Walking	S	2000	15	East	No		-96.052503	64.439805		No -	Not Exceeded	
Road	2021-12-05	2021-12-05 13:00	Caribou	16	Walking	S	2000	13	East	No		-96.036808	64.423438		No -	Not Exceeded	
Road	2021-12-06	2021-12-06 12:52	Caribou	20	Running	N	500	20	East	No	Km 20, gps not working	-96.095967	64.478675		No -	Not Exceeded	
Road	2021-12-06	2021-12-06 13:20	Caribou	350	Resting	N/A	400	27	East	No	Km 27, gps not working	-96.161247	64.532218		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 13:28	Caribou	600	Feeding	S	250	28	East	No	Km 28, gps not working	-96.170129	64.541309		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 13:43	Caribou	500	Feeding	N/A	500	33	East	No	Km 33, gps not working	-96.216309	64.571455		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 13:59	Caribou	250	Lying Down	N/A	1500	35	East	No	Km35, gps not working	-96.244259	64.573856		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 14:13	Caribou	190	Walking	NW	1000	43	East	No	Km 43, gps not working	-96.300696	64.634772		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 14:22	Caribou	200	Feeding	N/A	1000	48	East	No	Km48, gps not working	-96.368783	64.664167		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 14:30	Caribou	500	Feeding	N/A	350	50	East	No	Km 50, gps not working	-96.373099	64.679416		No -	Exceeded	Road closed
Road	2021-12-06	2021-12-06 14:56	Caribou	45	Resting	N/A	6000	69	East	No	Km 69, gps not working	-96.314267	64.827717		No -	Not Exceeded	
Road	2021-12-06	2021-12-06 15:02	Caribou	350	Walking	N	1500	71	East	No	Km71, gps not working	-96.319701	64.844713		No -	Exceeded	Road closed
Road	2021-12-07	2021-12-07 9:39	Caribou	18	Walking	N	120	93	East	No		-96.221967	65.000766		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 9:53	Caribou	46	Walking	N	150	91	East	No	Some are alert.	-96.224861	64.984690		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 10:10	Caribou	82	Alert	N/A	1000	85	East	No		-96.261434	64.938860		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 10:16	Caribou	300	Foraging	S	200	86	East	No	Between 86 to 84	-96.252797	64.946837		No -	Exceeded	Road closed.
Road	2021-12-07	2021-12-07 11:35	Caribou	130	Foraging	W	300	84	Both	Yes		-96.282760	64.936596		No -	Exceeded	Road closed.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-12-07	2021-12-07 12:08	Caribou	300	Walking	N	320	80	East	No	300 caribou Between 320 to 1km Majority walking good pace north Spread from km80 to km76	-96.306243	64.917070		No -	Exceeded	Road closed.
Road	2021-12-07	2021-12-07 12:48	Wolf	8	Walking	E	800	69	East	No		-96.314267	64.827717		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 12:52	Caribou	33	Foraging	N	1000	69	East	No	Wolves were less than 1km away.	-96.314267	64.827717		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 13:03	Caribou	28	Walking	E	300	65	East	No		-96.340619	64.794795		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 13:12	Caribou	50	Walking	N	560	62	East	No	Between 560m to 1000m	-96.344400	64.773733		No -	Not Exceeded	
Road	2021-12-07	2021-12-07 13:24	Caribou	125	Foraging	N/A	30	59	East	No	Half resting, half foraging close to the road. Spread in the curve.	-96.370585	64.749530		No -	Exceeded	Road closed.
Road	2021-12-08	2021-12-08 15:41	Caribou	50	Feeding	NE	1000	44	East	No		-96.303521	64.641705		No -	Not Exceeded	
Road	2021-12-08	2021-12-08 15:55	Caribou	650	Walking	NW	0	50	Both	Yes		-96.373099	64.679416		No -	Exceeded	Road closed.
Road	2021-12-08	2021-12-08 16:38	Caribou	40	Trotting/runni	Not Recorded	0	55	Both	Deflection	40 butnprobably more. To dark to see	-96.345974	64.718549		No -	Not Exceeded	
Road	2021-12-08	2021-12-08 17:20	Caribou	2	Running	E	25	73	West	No	Probably more, to dark to see	-96.324227	64.862125		No -	Not Exceeded	
Road	2021-12-08	2021-12-08 17:47	Caribou	12	Running	E	89	90	East	Yes	Crossing west to east. About 12	-96.222082	64.975014		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 10:19	Caribou	500	Walking	N	200	79	East	No		-96.314922	64.909527		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 10:27	Caribou	47	Foraging	NW	50	21	East	No		-96.101796	64.484750		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 10:32	Caribou	30	Walking	S	600	78	West	No		-96.324371	64.903190		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 10:38	Caribou	32	Walking	S	10	26	Both	Yes		-96.125348	64.502114		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 10:50	Caribou	30	Feeding	N/A	400	77	West	No		-96.339077	64.895114		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:00	Caribou	79	Walking	SE	250	37	East	No		-96.161361	64.532456		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:06	Caribou	150	Feeding	N/A	0	75	Both	No	1 crossed the road	-96.336143	64.879464		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 11:15	Caribou	112	Foraging	S	200	44	Both	No		-96.279094	64.601191		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:24	Caribou	91	Foraging	SE	500	47	East	No		-96.320414	64.654900		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:29	Caribou	68	Foraging	SE	450	50	East	No		-96.371612	64.673489		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:29	Caribou	82	Walking	S	800	72	East	No		-96.323840	64.853863		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:32	Caribou	55	Walking	NW	100	51	East	No		-96.374860	64.684238		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 11:36	Caribou	170	Foraging	N	150	53	Both	No		-96.376116	64.703361		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 11:39	Caribou	310	Alert	NE	50	54	Both	No		-96.366355	64.709620		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 12:29	Caribou	412	Resting	S	50	77	Both	Yes		-96.330605	64.875540		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 12:31	Caribou	310	Feeding	N/A	20	55	Both	No		-96.345974	64.718549		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 12:39	Caribou	367	Resting	S	1000	81	East	No		-96.328050	64.901315		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 12:48	Caribou	53	Feeding	N/A	800	51	East	No		-96.379074	64.693229		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 13:02	Caribou	143	Lying Down	N/A	200	44	West	No		-96.303521	64.641705		No -	Exceeded	Road closed
Road	2021-12-09	2021-12-09 13:10	Caribou	12	Walking	S	40	96	East	No		-96.275674	64.937246		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 13:56	Caribou	11	Walking	NE	300	39	East	No		-96.275136	64.595859		No -	Not Exceeded	
Road	2021-12-09	2021-12-09 14:08	Caribou	11	Feeding	N/A	540	32	East	No		-96.204460	64.564692		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 9:49	Muskox	6	Feeding	N/A	470	96	West	No		-96.180890	65.018097		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 9:59	Caribou	4	Walking	N	300	91	East	No		-96.224861	64.984690		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 9:59	Caribou	21	Foraging	N	450	25	West	No		-96.143700	64.511383		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 10:07	Caribou	51	Walking	W	300	86	West	No	Gps not working	-96.252797	64.946837		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 10:22	Caribou	28	Walking	NE	400	80	East	No		-96.306243	64.917070		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 10:25	Caribou	200	Resting	SW	800	44	West	No		-96.169825	64.541116		No -	Exceeded	Road closed
Road	2021-12-10	2021-12-10 10:28	Caribou	19	Feeding	N/A	25	78	West	No		-96.324371	64.903190		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 10:39	Caribou	197	Resting	NW	400	50	East	No		-96.358582	64.660362		No -	Exceeded	Road closed
Road	2021-12-10	2021-12-10 10:40	Caribou	143	Feeding	N/A	100	76	West	No		-96.345654	64.887889		No -	Exceeded	Road closed
Road	2021-12-10	2021-12-10 11:00	Caribou	38	Lying Down	N/A	930	71	West	No		-96.319701	64.844713		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 11:03	Caribou	450	Walking	W	700	41	West	No		-96.279318	64.601909		No -	Exceeded	Road closed
Road	2021-12-10	2021-12-10 11:09	Caribou	3	Lying Down	N/A	600	70	East	No		-96.316518	64.836490		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 11:12	Caribou	23	Feeding	N/A	2000	69	West	No		-96.314267	64.827717		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 11:29	Caribou	7	Feeding	N/A	600	58	West	No		-96.357936	64.741646		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 11:34	Caribou	600	Feeding	N/A	0	56	Both	Yes		-96.351394	64.725882		No -	Exceeded	Road closed
Road	2021-12-10	2021-12-10 12:08	Caribou	350	Feeding	N/A	300	50	Both	No		-96.373099	64.679416		No -	Exceeded	Road closed
Road	2021-12-10	2021-12-10 12:18	Caribou	80	Feeding	N/A	400	48	West	No		-96.368783	64.664167		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 12:25	Caribou	22	Feeding	N/A	400	45	West	No		-96.313357	64.652430		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 12:39	Caribou	66	Walking	NE	800	44	East	No		-96.303521	64.641705		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 12:42	Caribou	50	Walking	E	1500	44	West	No		-96.303521	64.641705		No -	Not Exceeded	
Road	2021-12-10	2021-12-10 13:31	Muskox	1	Standing	N/A	800	8	East	No		-96.015465	64.381310		No -	Not Exceeded	
Incidental	2021-12-10	2021-12-10 14:57	Caribou	22	Walking	NE	150	22	West	Deflection		-96.112561	64.493495		No -	Not Exceeded	
Incidental	2021-12-10	2021-12-10 16:44	Snowy owl	1	Alert	N/A	0	78	North	No		-96.324371	64.903190		No -	Not Exceeded	
Road	2021-12-11	2021-12-11 14:03	Caribou	300	Walking	S	400	23	West	No		-96.125378	64.499321		No -	Exceeded	Road closed
Road	2021-12-11	2021-12-11 14:44	Caribou	97	Walking	SW	200	53	East	No		-96.374801	64.704623		No -	Not Exceeded	
Road	2021-12-11	2021-12-11 14:47	Caribou	300	Foraging	S	200	54	West	No		-96.363382	64.710902		No -	Exceeded	Road closed
Road	2021-12-11	NA	NA	NA				NA				NA	NA				
Road	2021-12-13	2021-12-13 10:06	Caribou	14	Walking	E	200	9	East	No		-96.013854	64.391498		No -	Not Exceeded	
Road	2021-12-13	2021-12-13 10:28	Caribou	13	Walking	S	200	24	West	No		-96.036538	64.423201		No -	Not Exceeded	
Road	2021-12-13	2021-12-13 10:29	Caribou	168	Feeding	N/A	250	62	East	No		-96.344400	64.773733		No -	Exceeded	Road closed.
Road	2021-12-13	2021-12-13 11:06	Caribou	49	Walking	S	800	48	West	No		-96.369557	64.664833		No -	Not Exceeded	
Road	2021-12-13	2021-12-13 11:36	Caribou	600	Foraging	S	1	51	Both	Yes		-96.373423	64.680604		No -	Exceeded	Road closed
Road	2021-12-13	2021-12-13 11:44	Caribou	22	Walking	N	30	56	East	No		-96.351394	64.725882		No -	Not Exceeded	
Road	2021-12-13	2021-12-13 12:03	Caribou	260	Feeding	SE	0	53	Both	Yes		-96.373087	64.706060		No -	Exceeded	Road closed.
Road	2021-12-13	NA	NA	NA				NA				NA	NA				
Road	2021-12-13	NA	NA	NA				NA				NA	NA				
Road	2021-12-13	NA	NA	NA				NA				NA	NA				
Road	2021-12-14	2021-12-14 14:27	Caribou	35	Running	SE	570	84	East	No		-96.282760	64.936596		No -	Not Exceeded	
Road	2021-12-15	2021-12-15 11:28	Caribou	300	Walking	E	2	64	Both	Yes		-96.340005	64.786677		No -	Exceeded	Road closed.
Road	2021-12-15	2021-12-15 11:41	Caribou	430	Feeding	SE	3	53	Both	Yes		-96.373087	64.706060		No -	Exceeded	Road closed.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-12-15	2021-12-15 12:47	Caribou	150	Feeding	SE	5	46	Both	Yes		-96.329566	64.656222	No		Exceeded	Road closed.
Road	2021-12-15	2021-12-15 13:04	Caribou	150	Walking	NE	250	39	Both			-96.275136	64.595859	No		Exceeded	Road closed.
Road	2021-12-15	2021-12-15 13:36	Caribou	100	Walking	NE	350	19	East	No		-96.086600	64.470197	No		Not Exceeded	
Road	2021-12-16	2021-12-16 10:17	Caribou	180	Feeding	N/A	900	72	West	No		-96.323840	64.853863	No		Exceeded	Road closed.
Road	2021-12-16	2021-12-16 10:34	Caribou	49	Walking	N	990	63	West	No		-96.344369	64.779316	No		Exceeded	Road closed.
Road	2021-12-16	2021-12-16 10:50	Caribou	300	Walking	NW	1	60	West	No		-96.363626	64.755482	No		Exceeded	Road closed.
Road	2021-12-16	2021-12-16 11:23	Caribou	240	Walking	N/A	0	55	Both	Yes		-96.345974	64.718549	No		Exceeded	Road closed.
Road	2021-12-17	2021-12-17 10:18	Caribou	180	Walking	NW	450	65	West	No		-96.340619	64.794795	No		Exceeded	Road closed.
Road	2021-12-17	2021-12-17 10:26	Caribou	150	Lying Down	N/A	400	62	West	No		-96.344400	64.773733	No		Exceeded	Road closed.
Road	2021-12-19	2021-12-19 10:15	Muskox	9	Lying Down	N/A	120	96	West	No		-96.180890	65.018097	Yes - Been the		Not Exceeded	
Road	2021-12-20	2021-12-20 14:04	Caribou	8	Walking	N	500	49	West	No		-96.370716	64.668800	No -		Not Exceeded	
Road	2021-12-20	2021-12-20 14:12	Caribou	1	Walking	N	630	53		No		-96.373087	64.706060	No -		Not Exceeded	
Road	2021-12-20	2021-12-20 14:23	Caribou	8	Running	W	20	55	West	No		-96.345974	64.718549	No -		Not Exceeded	
Road	2021-12-21	2021-12-21 14:25	Muskox	11	Resting	N/A	990	95	West	No		-96.195218	65.012860	Yes - Been the		Not Exceeded	
Road	2021-12-24	2021-12-24 11:18	Caribou	93	Feeding	N/A	2000	48	West	No	Probably more they were on the top of a hill	-96.368783	64.664167	No -		Exceeded	Regular activity may continue with no restriction. Caribou more than 1500m
Road	2021-12-24	2021-12-24 12:05	Arctic hare	1	Dead	N/A	0	23	Both	N/A	Project related mortality	-96.124416	64.500556	No -		Not Exceeded	
Road	2021-12-25	2021-12-25 11:29	Caribou	140	Feeding		400	76	West	No		-96.345654	64.887889	No -		Exceeded	Road closed
Road	2021-12-25	2021-12-25 11:41	Caribou	43	Walking	NW	1100	73	West	No		-96.324227	64.862125	No -		Exceeded	Road closed
Road	2021-12-25	2021-12-25 11:58	Caribou	210	Feeding	N/A	150	65	West	No		-96.340619	64.794795	No -		Exceeded	Road closed
Road	2021-12-25	2021-12-25 12:25	Caribou	220	Lying Down	N/A	600	50	West	No		-96.373099	64.679416	No -		Exceeded	Road closed
Road	2021-12-25	2021-12-25 12:37	Caribou	105	Feeding	N/A	600	46	West	No		-96.329566	64.656222	No -		Exceeded	Road closed
Road	2021-12-25	2021-12-25 12:51	Caribou	50	Feeding	N/A	700	44	West	No		-96.303521	64.641705	No -		Exceeded	Road closed
Road	2021-12-25	2021-12-25 12:58	Caribou	50	Feeding	N/A	1500	41	West			-96.281128	64.620277	No -		Exceeded	Road closed
Road	2021-12-26	2021-12-26 9:24	Caribou	9	Feeding	N/A	200	93	West	No		-96.221967	65.000766	No -		Not Exceeded	
Road	2021-12-26	2021-12-26 9:34	Caribou	160	Walking	NW	50	91	West	No		-96.224861	64.984690	No -		Exceeded	Road closed
Road	2021-12-26	2021-12-26 9:56	Caribou	7	Walking	W	2000	79	West	No		-96.314922	64.909527	No -		Not Exceeded	
Road	2021-12-26	2021-12-26 10:01	Caribou	30	Feeding	N/A	600	76	West			-96.345654	64.887889	No -		Exceeded	Road closed
Road	2021-12-26	2021-12-26 10:12	Caribou	21	Feeding	N/A	180	71	West	No		-96.319701	64.844713	No -		Not Exceeded	
Road	2021-12-26	2021-12-26 10:20	Caribou	8	Feeding	N/A	400	67	West	No		-96.326202	64.812326	No -		Not Exceeded	
Road	2021-12-26	2021-12-26 10:35	Caribou	55	Feeding	N/A	0	57	Both	Yes		-96.360134	64.731372	No -		Exceeded	Road closed
Road	2021-12-26	2021-12-26 11:00	Caribou	440	Feeding	N/A	600	49	West	No		-96.370716	64.668800	No -		Exceeded	Road closed
Road	2021-12-26	2021-12-26 11:14	Caribou	22	Feeding	N/A	300	42	West	No		-96.294904	64.627565	No -		Not Exceeded	
Road	2021-12-26	2021-12-26 11:20	Caribou	53	Lying Down	N/A	900	38	West	No		-96.275824	64.590725	No -		Exceeded	Road closed
Road	2021-12-27	2021-12-27 10:10	Caribou	10	Feeding	N/A	1500	85	West	No		-96.261434	64.938860	No -		Not Exceeded	
Road	2021-12-27	2021-12-27 10:17	Caribou	17	Feeding	N/A	1200	84	West	No		-96.282760	64.936596	No -		Not Exceeded	
Road	2021-12-27	2021-12-27 10:30	Caribou	70	Feeding	N/A	4000	76	West	No		-96.345654	64.887889	No -		Exceeded	Road closed
Road	2021-12-27	2021-12-27 10:46	Caribou	75	Walking	NW	1500	69	West	No		-96.314267	64.827717	No -		Exceeded	Road closed
Road	2021-12-27	2021-12-27 11:04	Wolf	7	Walking	W	4000	57	West	No		-96.360134	64.731372	No -		Not Exceeded	
Road	2021-12-27	2021-12-27 11:17	Caribou	14	Feeding	N/A	1000	48	West	No		-96.368783	64.664167	No -		Not Exceeded	
Road	2021-12-28	2021-12-28 11:32	Caribou	23	Feeding	N/A	2500	49	West	No		-96.370716	64.668800	No -		Not Exceeded	
Road	2021-12-29	2021-12-29 11:25	Wolf	1	Walking	E	15	87	East	No		-96.241019	64.954197	No -		Not Exceeded	
Road	2021-12-29	2021-12-29 12:04	Caribou	80	Walking	NW	700	59	West	No		-96.370585	64.749530	No -		Exceeded	a speed restriction of 30km/h was put in place between Km 45 - 60. Applying Fall Migration GSTThe All Weather Access Road remained opened throughout the day.
Road	2021-12-29	2021-12-29 12:18	Caribou	30	Walking	NW	150	52	West	No		-96.377445	64.700864	No -		Exceeded	a speed restriction of 30km/h was put in place between Km 45 - 60. Applying Fall Migration GSTThe All Weather Access Road remained opened throughout the day.
Road	2021-12-29	2021-12-29 12:33	Caribou	50	Feeding	N/A	150	48	West	No		-96.368783	64.664167	No -		Exceeded	a speed restriction of 30km/h was put in place between Km 45 - 60. Applying Fall Migration GSTThe All Weather Access Road remained opened throughout the day.
Incidental	2021-12-29	2021-12-29 14:45	Arctic hare	1	Dead	N/A	0	59		Yes	Project related mortality	-96.370585	64.749530	No -		Not Exceeded	
Road	2021-12-29	2021-12-29 16:24	Caribou	150	Feeding	N/A	2500	49	West	No		-96.370716	64.668800	No -		Exceeded	a speed restriction of 30km/h was put in place between Km 45 - 60. Applying Fall Migration GSTThe All Weather Access Road remained opened throughout the day.
Road	2021-12-30	2021-12-30 9:56	Muskox	6	Feeding	N/A	1000	94	West	No		-96.212688	65.007507	No -		Not Exceeded	
Road	2021-12-30	2021-12-30 10:26	Caribou	27	Feeding	N/A	1500	75	West	No		-96.336143	64.879464	No -		Exceeded	The All Weather Access Road was closed at 11:30 this morning due to scattered groups of caribou along the AWAR. Trips in progress were completed and monitoring continued throughout the day. The road will remain closed this evening.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-12-30	2021-12-30 10:36	Caribou	193	Feeding	N/A	900	73	West	No		-96.324227	64.862125	No -		Exceeded	The All Weather Access Road was closed at 11:30 this morning due to scattered groups of caribou along the AWAR. Trips in progress were completed and monitoring continued throughout the day. The road will remain closed this evening.
Road	2021-12-30	2021-12-30 11:11	Caribou	23	Walking	W	1700	52	West	No		-96.377445	64.700864	No -		Not Exceeded	
Road	2021-12-30	2021-12-30 11:27	Caribou	310	Walking	NW	250	48	West	No		-96.368783	64.664167	No -		Exceeded	Road closed
Road	2021-12-31	2021-12-31 10:20	Caribou	4	Walking	W	0	91	Both	Yes		-96.224861	64.984690	No -		Not Exceeded	
Road	2021-12-31	2021-12-31 10:50	Caribou	130	Feeding	N/A	600	76	West	No		-96.345654	64.887889	No -		Exceeded	Road closed.
Road	2021-12-31	2021-12-31 11:05	Caribou	8	Feeding	N/A	450	69	East	No		-96.314267	64.827717	No -		Not Exceeded	
Road	2021-12-31	2021-12-31 11:27	Caribou	35	Running	SW	350	59	West	No	Chase by a wolverine	-96.370585	64.749530	No -		Exceeded	Road closed.
Road	2021-12-31	2021-12-31 11:29	Wolverine	1	Running	SW	300	59	West	No	Chasing a group of caribou / unsuccessful	-96.370585	64.749530	No -		Not Exceeded	
Road	2021-12-31	2021-12-31 11:48	Caribou	29	Walking	N	700	52	East	No		-96.377445	64.700864	No -		Exceeded	Road closed.
Road	2021-12-31	2021-12-31 11:56	Caribou	20	Walking	W	200	49	West	No		-96.370716	64.668800	No -		Not Exceeded	
Road	2021-12-31	2021-12-31 11:58	Caribou	126	Feeding	N/A	5	48	West	No		-96.368783	64.664167	No -		Exceeded	Road closed
Incidental	2021-12-31	2021-12-31 14:26	Caribou	150	Walking	N	50	82	West	No	Driving back from road survey	-96.312035	64.930602	No -		Exceeded	Road closed.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-01-09	2021-01-09 16:00	Wolverine	1	Not Recorded	N/A		159				-96.408856	65.286013			Not Exceeded	No action required
Road	2021-01-10	NA	NA	NA				NA				NA	NA				
Road	2021-01-16	NA	NA	NA				NA				NA	NA				
Road	2021-01-27	2021-01-27 10:43	Crow	1	Resting	N/A		129	West	No	Resting on the flag.	-96.140932	65.163791			Not Exceeded	
Road	2021-01-27	2021-01-27 11:13	Muskox	2	Resting	N/A	30	141	West	No		-96.316379	65.223186			Not Exceeded	
Road	2021-01-27	2021-01-27 11:19	Caribou	1	Foraging	N/A	30	144	West	No		-96.369153	65.222718			Not Exceeded	
Road	2021-01-27	2021-01-27 11:27	Crow	1	Flying		5	147	East	Yes	Crossing the road under the bridge.	-96.434025	65.219270			Not Exceeded	
Incidental	2021-01-27	2021-01-27 15:10	Muskox	2	Resting	N/A		NA				-96.315498	65.222802			Not Exceeded	
Road	2021-02-04	NA	NA	NA				NA				NA	NA				
Incidental	2021-02-08	2021-02-08 9:00	Caribou	4	Walking	N/A		146				-96.398011	65.226268			Not Exceeded	No action required
Incidental	2021-02-12	2021-02-12 17:42	Muskox	30	Standing	N/A		119				-96.064764	65.093211			Exceeded	Monitored the areaSpeed restriction Applied.
Road	2021-02-13	2021-02-13 10:03	Muskox	55	Foraging	N/A	30	120	East	No		-96.066832	65.096768			Exceeded	Speed Restriction Applied.
Road	2021-02-13	2021-02-13 10:09	Muskox	8	Resting	N/A	100	120	West	N/A	Sleeping	-96.071996	65.100165			Not Exceeded	
Road	2021-02-13	2021-02-13 10:58	Crow	1	Resting	N/A	2	148	West	No		-96.440043	65.222084			Not Exceeded	
Road	2021-02-23	2021-02-23 11:20	Arctic fox	1	Trotting/runnin g	S	0	120		Yes	Crossed road 3x	-96.064764	65.093211			Not Exceeded	
Incidental	2021-03-05	2021-03-05 1:00	Wolf	4	Not Recorded	N/A		148				-96.427439	65.220477			Not Exceeded	Monitored the area
Road	2021-03-11	NA	NA	NA				NA				NA	NA				
Road	2021-03-13	NA	NA	NA				NA				NA	NA				
Road	2021-03-15	NA	NA	NA				NA				NA	NA				
Incidental	2021-03-18	2021-03-18 15:59	Arctic fox	1	Running	S		NA	West		West side of road	-96.450638	65.262693			Not Exceeded	
Incidental	2021-03-18	2021-03-18 16:59	Arctic fox	1	Running	N/A		NA			14W 619012E 7240137N / West side of the road	-96.450638	65.262693			Not Exceeded	No action required
Road	2021-03-18	NA	NA	NA				NA				NA	NA				
Incidental	2021-03-21	2021-03-21 9:21	Caribou	62	Walking	NW	1000	119	West	No	Some foraging and some walking north - 1km west side of road - group between km119	-96.054879	65.085820			Exceeded	Speed Restriction Applied.
Incidental	2021-03-21	2021-03-21 10:21	Caribou	60	Walking	N/A		119			Walking and Foraging. Walking northbound. About 1km away from road Maybe 100 total (over the hill)	-96.064764	65.093211			Exceeded	Speed Restriction Applied.
Road	2021-03-21	NA	NA	NA				NA				NA	NA				
Incidental	2021-03-22	2021-03-22 14:24	Muskox	6	Resting	N/A	20	121	West	No	Km 121 west side and 20m away	-96.078409	65.102293			Not Exceeded	
Road	2021-03-23	2021-03-23 15:05	Muskox	6	Resting	N/A	20	121	West	No		-96.073694	65.100414			Not Exceeded	
Road	2021-03-23	2021-03-23 15:09	Muskox	4	Resting	N/A	500	121	West	No		-96.084141	65.105781			Not Exceeded	
Incidental	2021-03-29	2021-03-29 15:00	Caribou	4	Foraging	N/A	800	140	West			-96.298506	65.221968			Not Exceeded	Monitored the area
Incidental	2021-03-29	2021-03-29 15:30	Caribou	1	Foraging	N/A	30	170	West			-96.549791	65.346648			Not Exceeded	Monitored the area
Road	2021-03-29	NA	NA	NA				NA				NA	NA				
Incidental	2021-04-06	2021-04-06 13:50	Wolf	5	Walking	N/A		143			Spotted at km143 by LHT driver	-96.666551	65.401811			Not Exceeded	
Road	2021-04-06	NA	NA	NA				NA				NA	NA				
Road	2021-04-07	2021-04-07 8:12	Muskox	3	Foraging	N/A	300	117	East	No		-96.070350	65.023468			Not Exceeded	
Road	2021-04-07	2021-04-07 9:52	Caribou	2	Walking	S	800	135	West	No	Very bad visibility, high winds	-96.211676	65.209639			Not Exceeded	
Road	2021-04-08	2021-04-08 8:52	Caribou	31	Foraging	N/A	800	120	West	No	Mitigation measures enacted were a speed limit of 30km/h between km 120-125. This was at minimum relayed as reminders over the radio.	-96.053903	65.023046			Not Exceeded	
Road	2021-04-08	2021-04-08 9:15	Arctic fox	2	Walking	S	0	NA	West	No	Walking south along the road	-96.159064	65.182268			Not Exceeded	
Road	2021-04-08	2021-04-08 9:29	Caribou	20	Walking	S	2000	131	West	No		-96.159064	65.182268			Not Exceeded	
Road	2021-04-08	2021-04-08 10:36	Arctic fox	1	Walking	S	0	136	East	Yes	Walking south along the road and ended up crossing from the west to the east of the road before continuing south. Location is AGNI-102 on KAK ipad.	-96.451027	65.323934			Not Exceeded	
Road	2021-04-08	2021-04-08 12:26	Wolverine	1	Running	NE	700	172	East	No	Pick up truck broke down	-96.602099	65.378746			Not Exceeded	
Road	2021-04-08	2021-04-08 14:11	Caribou	1	Foraging	N/A	100	178	East	No	Location is right before Agnico camp. Caribou has been hanging out in the area throughout the day based on the feedback from workers. SURVEY ENDED AT amaruq. Could not see map to poace coordinate	-96.437887	65.318833			Not Exceeded	
Incidental	2021-04-08	2021-04-08 14:57	Arctic fox	1	Walking	S		NA			Walking south along the road	-96.450478	65.230734			Not Exceeded	
Road	2021-04-09	2021-04-09 7:51	Caribou	300	Foraging	N/A	100	110	West	No	Road is closed because of caribous. Environment will do convoys for the vehicles already on the road and the daily bus drive.	-96.023325	65.048152			Exceeded	Road closed
Road	2021-04-09	2021-04-09 8:02	Caribou	40	Foraging	N/A	800	117	West	No		-96.020608	65.078762			Exceeded	Road closed
Road	2021-04-09	2021-04-09 8:39	Caribou	30	Walking	S	2000	124	West	No		-96.107433	65.128053			Not Exceeded	
Road	2021-04-09	2021-04-09 8:54	Caribou	15	Walking	S	1700	127	West	No		-96.129610	65.155992			Not Exceeded	
Road	2021-04-09	2021-04-09 9:06	Caribou	13	Foraging	N/A	2000	129	West	No	Turned around at KM130. Got to escort vehicles back to MBK.	-96.146510	65.170545			Not Exceeded	
Road	2021-04-09	2021-04-09 10:30	Muskox	2	Standing	N/A	200	119	East	No		-96.054345	65.084818			Not Exceeded	
Incidental	2021-04-09	2021-04-09 17:22	Muskox	3	Foraging	N/A		119			east side of road at around 100m	-96.064764	65.093211			Not Exceeded	No action required
Incidental	2021-04-09	2021-04-09 17:28	Caribou	34	Foraging	N/A		115			km115 (Vault) / West side of road at around 200m	-96.009049	65.071117			Not Exceeded	
Road	2021-04-10	NA	NA	NA				NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-04-10	NA	NA	NA				NA				NA	NA				
Incidental	2021-04-12	2021-04-12 15:06	Muskox	46	Foraging	E		NA				-95.996000	65.054862			Exceeded	Speed restriction Applied.
Road	2021-04-13	2021-04-12 15:35	Caribou	70	Foraging	N/A	300	120	West	No		-96.070355	65.023467			Exceeded	Speed restriction Applied.
Road	2021-04-13	2021-04-12 15:52	Caribou	25	Foraging	N/A	300	125	West	No	Turned around at KM 137	-96.108081	65.131545			Not Exceeded	
Road	2021-04-13	2021-04-13 10:54	Wolf	6	Walking	N	1250	119	West	N/A		-96.049561	65.082617			Not Exceeded	
Road	2021-04-13	2021-04-13 11:26	Caribou	5	Walking	SE	1500	131	West	N/A		-96.154400	65.179370			Not Exceeded	
Road	2021-04-13	NA	NA	NA				NA				NA	NA				
Road	2021-04-13	NA	NA	NA				NA				NA	NA				
Incidental	2021-04-14	2021-04-14 13:21	Caribou	150	Foraging	N/A		NA				-96.005406	65.068895			Exceeded	Road closed
Incidental	2021-04-14	2021-04-14 13:31	Caribou	60	Foraging	N/A		NA				-96.034545	65.083420			Exceeded	Road closed
Road	2021-04-14	NA	NA	NA				NA				NA	NA				
Incidental	2021-04-15	2021-04-15 3:00	Caribou	15	Walking	E	750	172	West	N/A		-96.586673	65.355041			Not Exceeded	
Road	2021-04-15	2021-04-15 5:41	Caribou	280	Walking	E	0	114	West	Yes	All caribous cross the road from west to east	-96.008692	65.070943			Exceeded	Road closed
Road	2021-04-15	2021-04-15 6:27	Caribou	41	Foraging	N/A	300	115	West	N/A		-96.025609	65.082258			Exceeded	Road closed
Road	2021-04-15	2021-04-15 6:34	Caribou	49	Foraging	N/A	800	118	West	N/A		-96.055064	65.086475			Exceeded	Road closed
Road	2021-04-15	2021-04-15 6:39	Caribou	79	Foraging	N/A	500	118	East	N/A		-96.055064	65.086475			Exceeded	Road closed
Road	2021-04-15	2021-04-15 6:47	Caribou	119	Foraging	N/A	300	119	West	N/A		-96.064764	65.093211			Exceeded	Road closed
Road	2021-04-15	2021-04-15 6:50	Caribou	119	Foraging	N/A	500	122	West	N/A		-96.097145	65.114773			Exceeded	Road closed
Road	2021-04-15	2021-04-15 6:59	Caribou	14	Foraging	N/A	500	128	West	N/A		-96.135831	65.161371			Not Exceeded	
Road	2021-04-15	2021-04-15 7:03	Caribou	73	Foraging	N/A	100	131	West	N/A		-96.160725	65.185510			Exceeded	Road closed
Road	2021-04-15	2021-04-15 7:11	Caribou	26	Foraging	N/A	50	134	West	N/A		-96.192861	65.204805			Not Exceeded	
Road	2021-04-15	2021-04-15 7:17	Caribou	60	Foraging	N/A	50	135	West	N/A		-96.208006	65.208904			Exceeded	Road closed
Road	2021-04-15	2021-04-15 7:41	Caribou	97	Walking	N	800	155	West	No		-96.452074	65.262217			Exceeded	Road closed
Road	2021-04-15	2021-04-15 7:48	Caribou	87	Walking	N	1500	158	West	No		-96.404713	65.277758			Exceeded	Road closed
Incidental	2021-04-15	2021-04-15 12:50	Caribou	100	Foraging	N/A		117	West			-96.039417	65.083700			Exceeded	Road closed
Incidental	2021-04-15	2021-04-15 14:24	Caribou	275	Foraging	N/A		118				-96.055064	65.086475			Exceeded	Road closed
Incidental	2021-04-15	2021-04-15 14:33	Caribou	12	Resting	N/A		119				-96.064764	65.093211			Not Exceeded	
Incidental	2021-04-15	2021-04-15 14:56	Caribou	95	Walking	N/A	75	128	West	No		-96.135831	65.161371			Exceeded	Road closed
Incidental	2021-04-15	2021-04-15 15:00	Caribou	200	Walking	N/A	150	132	West	No		-96.164568	65.194003			Exceeded	Road closed
Incidental	2021-04-15	2021-04-15 15:04	Caribou	12	Foraging	N/A	400	135	West	No		-96.208006	65.208904			Not Exceeded	
Incidental	2021-04-15	2021-04-15 15:56	Caribou	200	Walking	E	300	162	West	No		-96.416795	65.311548			Exceeded	Road closed
Incidental	2021-04-15	2021-04-15 16:10	Caribou	45	Walking	SE	300	168	West	No		-96.524047	65.333518			Exceeded	Road closed
Road	2021-04-16	2021-04-16 5:56	Caribou	13	Walking	N	150	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-04-16	2021-04-16 6:25	Muskox	2	Foraging	N/A	200	141	West	No		-96.318092	65.223683			Not Exceeded	
Road	2021-04-16	2021-04-16 7:07	Caribou	25	Walking	SW	400	165	West	No		-96.467823	65.323887			Not Exceeded	
Incidental	2021-04-16	2021-04-16 9:13	Caribou	34	Foraging	N/A		NA			1000m	-96.097145	65.114773			Not Exceeded	
Incidental	2021-04-16	2021-04-16 10:03	Caribou	75	Walking	W	400	NA	West	No	400m west side/ vault area	-96.039417	65.083700			Exceeded	Speed restriction Applied.
Road	2021-04-17	2021-04-17 8:20	Caribou	13	Foraging	N/A	600	169	West	No		-96.537025	65.340029			Not Exceeded	
Road	2021-04-17	2021-04-17 8:54	Ptarmigan	1	Walking	E	50	148	East	No		-96.427439	65.220477			Not Exceeded	
Road	2021-04-17	2021-04-17 9:35	Caribou	20	Walking	S	1000	122	West	No		-96.097145	65.114773			Not Exceeded	
Road	2021-04-17	2021-04-17 9:51	Caribou	40	Foraging	N/A	400	114	West	No	Km114	-96.020609	65.080258			Exceeded	Speed restriction Applied.
Road	2021-04-17	2021-04-17 10:00	Caribou	4	Foraging	N/A	300	113	East	No	Km113	-96.020609	65.080258			Not Exceeded	
Road	2021-04-17	2021-04-17 10:03	Caribou	14	Foraging	N/A	300	112	East	No	Km112	-96.020609	65.080258			Not Exceeded	
Road	2021-04-18	2021-04-18 11:28	Caribou	10	Foraging	N/A	1200	111	West	N/A	Km111	-96.018727	65.048515			Not Exceeded	
Road	2021-04-18	2021-04-18 12:03	Caribou	34	Foraging	N/A	175	134	East	N/A		-96.192861	65.204805			Not Exceeded	
Road	2021-04-18	NA	NA	NA				NA				NA	NA				
Road	2021-04-19	2021-04-19 11:27	Caribou	16	Foraging	N/A	150	147	West	No		-96.418353	65.227863			Not Exceeded	
Road	2021-04-19	2021-04-19 12:12	Caribou	11	Walking	S	250	113	West	No	Km113	-96.020609	65.080258			Not Exceeded	
Incidental	2021-04-20	2021-04-20 14:19	Caribou	29	Foraging	N/A		NA				-95.996429	65.053635			Not Exceeded	
Road	2021-04-20	NA	NA	NA				NA				NA	NA				
Road	2021-04-21	2021-04-21 11:29	Caribou	14	Walking	S	400	119	East	No		-96.064764	65.093211			Not Exceeded	
Road	2021-04-21	2021-04-21 11:48	Wolf	1	Running	W	100	116	West	No		-96.020609	65.080258			Not Exceeded	
Road	2021-04-21	2021-04-21 13:01	Caribou	20	Walking	SE	250	116	West	No	116	-96.020609	65.080258			Not Exceeded	
Road	2021-04-21	2021-04-21 14:00	Caribou	30	Walking	SE	400	152	West	No		-96.285026	65.141506			Not Exceeded	
Road	2021-04-21	2021-04-21 14:14	Caribou	20	Walking	W	200	163	West	No		-96.430401	65.317408			Not Exceeded	
Road	2021-04-22	2021-04-22 10:27	Caribou	2	Walking	E	600	148	West	No		-96.427439	65.220477			Not Exceeded	
Road	2021-04-22	2021-04-22 10:49	Caribou	2	Walking	NW	400	136	West	No		-96.208006	65.208904			Not Exceeded	
Road	2021-04-23	2021-04-23 11:45	Caribou	14	Walking	E	1000	133	West	No		-96.190560	65.203836			Not Exceeded	
Road	2021-04-23	2021-04-23 12:10	Caribou	3	Standing	N/A	700	149	West	No		-96.448524	65.226710			Not Exceeded	
Road	2021-04-23	2021-04-23 12:25	Caribou	50	Walking	E	1200	158	West	No		-96.241511	65.163390			Exceeded	Speed Restriction Applied.
Road	2021-04-23	NA	NA	NA				NA				NA	NA				
Road	2021-04-24	2021-04-24 10:40	Caribou	7	Foraging	N/A	150	121	West	No		-96.086379	65.107120			Not Exceeded	
Road	2021-04-25	2021-04-25 10:55	Caribou	40	Not Recorded		800	126				-96.110836	65.148182			Exceeded	Speed Restriction Applied.
Road	2021-04-25	2021-04-25 11:00	Caribou	15	Walking	N	1000	123	West	No	Km123	-96.108081	65.131545			Not Exceeded	
Road	2021-04-26	2021-04-26 9:48	Caribou	15	Feeding	N/A	2000	160	West	No		-96.413563	65.294293			Not Exceeded	
Road	2021-04-26	2021-04-26 10:24	Caribou	150	Walking	N	1100	138	West	No		-96.260183	65.223800			Exceeded	Road closed
Road	2021-04-26	2021-04-26 11:06	Caribou	40	Walking	N	2000	126	West	No		-96.110836	65.148182			Exceeded	Road closed
Road	2021-04-26	2021-04-26 11:14	Caribou	50	Walking	N	1400	124	West	No		-96.108081	65.131545			Exceeded	Road closed
Road	2021-04-26	2021-04-26 11:19	Caribou	10	Feeding	N/A	300	119	West	No		-96.064764	65.093211			Not Exceeded	
Incidental	2021-04-26	2021-04-26 13:10	Caribou	70	Walking	E	600	112	West	No	Km 112	-96.002169	65.051123			Exceeded	Road closed
Incidental	2021-04-26	2021-04-26 13:45	Caribou	350	Walking	N	2000	124	West	No		-96.108081	65.131545			Exceeded	Road closed
Incidental	2021-04-26	2021-04-26 14:00	Caribou	4	Foraging	N/A	400	132	West	No		-96.164568	65.194003			Not Exceeded	
Incidental	2021-04-26	2021-04-26 14:10	Caribou	50	Foraging	W	1000	133	West	No		-96.175379	65.199246			Exceeded	Road closed
Incidental	2021-04-26	2021-04-26 14:35	Caribou	55	Foraging	N/A	1600	146	West	No		-96.398011	65.226268			Exceeded	Road closed
Incidental	2021-04-26	2021-04-26 15:00	Caribou	50	Standing	N/A	2000	155	West	No	Km 155	-96.434173	65.267612			Exceeded	Road closed
Incidental	2021-04-26	2021-04-26 15:20	Caribou	40	Foraging	N/A	1300	166	West	No		-96.488193	65.325287			Exceeded	Road closed
Incidental	2021-04-26	2021-04-26 15:40	Caribou	45	Foraging	N/A	800	176	West	No		-96.603791	65.386220			Exceeded	Road closed
Incidental	2021-04-27	2021-04-27 7:30	Caribou	60	Foraging	N/A	1000	178	West	No	Visible from amq camp	-96.621905	65.400857			Exceeded	Road closed
Incidental	2021-04-27	2021-04-27 9:15	Caribou	15	Foraging	N/A		NA			Behind Dyno plant/ 200m	-96.666466	65.401735			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-04-29	2021-04-29 8:59	Caribou	150	Foraging	N/A	100	165	West	No		-96.467823	65.323887			Exceeded	Road closed
Road	2021-04-29	2021-04-29 14:40	Caribou	33	Lying Down	N/A	500	116	West	No		-96.020609	65.080258			Not Exceeded	
Road	2021-04-29	2021-04-29 14:50	Caribou	16	Foraging	N/A	400	121	West	No		-96.086379	65.107120			Not Exceeded	
Road	2021-04-29	2021-04-29 14:54	Caribou	3	Foraging	N/A	350	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-04-29	2021-04-29 15:19	Caribou	70	Foraging	W	500	138	West	No	Started running because of convoy	-96.260183	65.223800			Exceeded	Road closed
Road	2021-04-29	2021-04-29 15:46	Caribou	60	Foraging	N/A	500	151	West	No		-96.466221	65.234469			Exceeded	Road closed
Road	2021-04-29	2021-04-29 15:50	Caribou	6	Trotting/runnin	NW	100	156	West	No		-96.452074	65.262217			Not Exceeded	
Road	2021-04-29	2021-04-29 15:56	Caribou	85	Resting	N/A	50	158	West	No		-96.404713	65.277758			Exceeded	Road closed
Road	2021-04-29	2021-04-29 16:02	Caribou	55	Resting	N/A	200	161	West	No		-96.412072	65.303240			Exceeded	Road closed
Road	2021-04-29	2021-04-29 16:08	Caribou	20	Running	N	350	166	West	No		-96.488193	65.325287			Not Exceeded	
Road	2021-04-29	2021-04-29 16:16	Caribou	70	Trotting/runnin	NW	150	169	West	No		-96.537025	65.340029			Exceeded	Road closed
Road	2021-04-29	2021-04-29 16:16	Caribou	25	Foraging	N/A	600	174	West	No		-96.601277	65.368315			Not Exceeded	
Road	2021-04-29	2021-04-29 16:22	Caribou	110	Walking	N	200	168	West	No		-96.524047	65.333518			Exceeded	Road closed
Road	2021-04-29	2021-04-29 16:30	Caribou	120	Foraging	N/A	500	158	West	No		-96.404713	65.277758			Exceeded	Road closed
Road	2021-04-29	2021-04-29 16:30	Caribou	200	Foraging	N/A	800	156	West	No		-96.452074	65.262217			Exceeded	Road closed
Road	2021-04-29	2021-04-29 16:45	Caribou	100	Foraging	N/A	1000	154	West	No		-96.462956	65.254604			Exceeded	Road closed
Road	2021-04-29	2021-04-29 17:23	Caribou	270	Foraging	N/A	1000	138	West	No	Groups from 300m to 2km from road	-96.260183	65.223800			Exceeded	Road closed
Road	2021-04-29	2021-04-29 17:30	Caribou	150	Foraging	N/A	800	135	West	No		-96.208006	65.208904			Exceeded	Road closed
Road	2021-04-29	2021-04-29 17:40	Caribou	150	Foraging	N/A	1000	129	West	No	From 1 to 2 km	-96.145931	65.169019			Exceeded	Road closed
Road	2021-04-29	2021-04-29 17:50	Caribou	50	Foraging	N/A	800	122	West	No		-96.097145	65.114773			Exceeded	Road closed
Road	2021-04-29	2021-04-29 17:55	Caribou	60	Walking	S	400	117	West	No		-96.039417	65.083700			Exceeded	Road closed
Road	2021-04-29	2021-04-29 20:01	Caribou	10	Foraging	N/A	300	113	West	No	Km 113	-96.020609	65.080258			Not Exceeded	
Road	2021-04-30	2021-04-30 8:20	Caribou	100	Foraging	W	600	177	West	No		-96.608471	65.394344			Exceeded	Road closed
Road	2021-04-30	2021-04-30 8:32	Caribou	15	Standing	N/A	600	174	West	N/A		-96.601277	65.368315			Not Exceeded	
Road	2021-04-30	2021-04-30 8:41	Caribou	50	Walking	S	600	164	West	N/A		-96.447216	65.322562			Exceeded	Road closed
Road	2021-04-30	2021-04-30 8:51	Caribou	50	Walking	N	500	162	West	N/A		-96.416795	65.311548			Exceeded	Road closed
Road	2021-04-30	2021-04-30 8:57	Caribou	100	Foraging	N/A	20	161	East	N/A		-96.412072	65.303240			Exceeded	Road closed
Road	2021-04-30	2021-04-30 9:12	Caribou	75	Foraging	N/A	50	161	East	N/A		-96.412072	65.303240			Exceeded	Road closed
Road	2021-04-30	2021-04-30 9:23	Caribou	50	Walking	N	200	159	West	N/A		-96.408856	65.286013			Exceeded	Road closed
Road	2021-04-30	2021-04-30 9:37	Caribou	25	Foraging	N/A	200	149	West	N/A		-96.442640	65.223273			Not Exceeded	
Road	2021-04-30	2021-04-30 9:52	Caribou	30	Walking	N	700	139	West	No		-96.279966	65.226857			Not Exceeded	
Road	2021-04-30	2021-04-30 10:11	Caribou	50	Walking	S	150	124	West	No		-96.108081	65.131545			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:19	Caribou	110	Foraging	N/A	100	119	West	No		-96.064764	65.093211			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:22	Caribou	75	Foraging	N/A	150	118	West	No		-96.055064	65.086475			Exceeded	Road closed
Road	2021-04-30	2021-04-30 10:29	Caribou	120	Foraging	N/A	150	112	West	No	Km112	-96.020609	65.080258			Exceeded	Road closed
Road	2021-05-01	2021-05-01 8:43	Caribou	17	Walking	N	300	169	West	No		-96.537025	65.340029			Not Exceeded	
Road	2021-05-01	2021-05-01 8:51	Caribou	8	Walking	S	500	166	West	No		-96.488193	65.325287			Not Exceeded	
Road	2021-05-01	2021-05-01 9:03	Caribou	24	Resting	N/A	600	159	West	No		-96.408856	65.286013			Not Exceeded	
Road	2021-05-01	2021-05-01 9:19	Caribou	45	Resting	N/A	250	147	West	No		-96.418353	65.227863			Exceeded	Road closed
Road	2021-05-01	2021-05-01 9:23	Caribou	5	Not Recorded	N	400	146	West	No		-96.398011	65.226268			Not Exceeded	
Road	2021-05-01	2021-05-01 9:27	Caribou	30	Foraging	N/A	500	143	West	No		-96.357965	65.223666			Not Exceeded	
Road	2021-05-01	2021-05-01 9:33	Caribou	120	Foraging	W	500	143	West	No		-96.357965	65.223666			Exceeded	Road closed
Road	2021-05-01	2021-05-01 9:51	Caribou	20	Walking	N	500	131	West	No		-96.160725	65.185510			Not Exceeded	
Road	2021-05-01	2021-05-01 9:59	Caribou	3	Foraging	N/A	500	126	West	No		-96.110836	65.148182			Not Exceeded	
Road	2021-05-01	2021-05-01 10:04	Caribou	9	Foraging	NW	500	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-05-01	2021-05-01 10:25	Caribou	31	Foraging	N/A	300	107	West	No		-96.071933	65.023381			Not Exceeded	
Road	2021-05-02	2021-05-02 8:05	Caribou	10	Foraging	N/A	1000	178	West	No		-96.621905	65.400857			Not Exceeded	
Road	2021-05-02	2021-05-02 8:09	Caribou	100	Foraging	N/A	700	176	West	N/A		-96.601277	65.368315			Exceeded	Road closed
Road	2021-05-02	2021-05-02 8:28	Caribou	200	Walking	W	200	166	West	N/A		-96.488193	65.325287			Exceeded	Road closed
Road	2021-05-02	2021-05-02 8:31	Caribou	50	Standing	N/A	200	164	West	N/A		-96.447216	65.322562			Exceeded	Road closed
Road	2021-05-02	2021-05-02 9:04	Caribou	30	Foraging	N/A	800	148	West	N/A		-96.427439	65.220477			Not Exceeded	
Road	2021-05-02	2021-05-02 9:11	Caribou	80	Foraging	N/A	400	143	West	N/A		-96.357965	65.223666			Exceeded	Road closed
Road	2021-05-02	2021-05-02 9:17	Caribou	150	Foraging	N/A	1000	141	West	N/A		-96.318092	65.223683			Exceeded	Road closed
Road	2021-05-02	2021-05-02 9:22	Caribou	4	Trotting/runnin	S	150	136	East	N/A		-96.227402	65.213075			Not Exceeded	
Road	2021-05-02	2021-05-02 9:24	Caribou	250	Walking	S	150	135	West	N/A		-96.192861	65.204805			Exceeded	Road closed
Road	2021-05-02	2021-05-02 9:42	Caribou	25	Foraging	N/A	300	126	West	N/A		-96.110836	65.148182			Not Exceeded	
Road	2021-05-02	2021-05-02 9:48	Caribou	75	Foraging	N/A	800	124	West	N/A		-96.108081	65.131545			Exceeded	Road closed
Road	2021-05-03	2021-05-03 6:33	Caribou	41	Resting	N/A	100	176	West	No		-96.603791	65.386220			Exceeded	Road closed
Road	2021-05-03	2021-05-03 6:40	Caribou	70	Foraging	N/A	500	173	West	N/A		-96.602973	65.359721			Exceeded	Road closed
Road	2021-05-03	2021-05-03 6:48	Caribou	1	Foraging	N/A	50	169	West	No		-96.537025	65.340029			Not Exceeded	
Road	2021-05-03	2021-05-03 6:54	Caribou	75	Walking	N	800	166	West	No		-96.488193	65.325287			Exceeded	Road closed
Road	2021-05-03	2021-05-03 7:01	Caribou	40	Standing	N/A	100	164	West	No		-96.447216	65.322562			Exceeded	Road closed
Road	2021-05-03	2021-05-03 7:08	Caribou	100	Foraging	N/A	30	162	West	No		-96.416795	65.311548			Exceeded	Road closed
Road	2021-05-03	2021-05-03 7:15	Caribou	100	Resting	N/A	500	161	West	No		-96.412072	65.303240			Exceeded	Road closed
Road	2021-05-03	2021-05-03 7:27	Caribou	16	Standing	N/A	1000	153	West	No		-96.476257	65.248229			Not Exceeded	
Road	2021-05-03	2021-05-03 7:30	Caribou	30	Foraging	N/A	60	152	West	No		-96.466221	65.234469			Not Exceeded	
Road	2021-05-03	2021-05-03 7:33	Caribou	70	Lying Down	N/A	1000	151	West	No		-96.476171	65.241762			Exceeded	Road closed
Road	2021-05-03	2021-05-03 7:39	Caribou	30	Walking	N	200	149	West	No		-96.442640	65.223273			Not Exceeded	
Road	2021-05-03	2021-05-03 7:42	Caribou	5	Foraging	N/A	15	148	East	No		-96.427439	65.220477			Not Exceeded	
Road	2021-05-03	2021-05-03 7:58	Caribou	40	Walking	N/A	300	139	West	No		-96.279966	65.226857			Exceeded	Road closed
Road	2021-05-03	2021-05-03 8:05	Caribou	50	Walking	N	800	134	West	No		-96.192861	65.204805			Exceeded	Road closed
Road	2021-05-03	2021-05-03 8:11	Caribou	50	Foraging	N/A	1000	133	East	No		-96.175379	65.199246			Exceeded	Road closed
Road	2021-05-03	2021-05-03 8:13	Caribou	30	Foraging	N/A	75	132	East	No		-96.164568	65.194003			Not Exceeded	
Road	2021-05-03	2021-05-03 8:16	Caribou	6	Foraging	N/A	1200	131	West	No		-96.160725	65.185510			Not Exceeded	
Road	2021-05-03	2021-05-03 8:21	Caribou	4	Walking	W	800	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-05-03	2021-05-03 8:25	Caribou	40	Foraging	N/A	120	126	East	No		-96.110836	65.148182			Exceeded	Road closed

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-03	2021-05-03 8:27	Caribou	5	Foraging	N/A	300	126	West	No		-96.110836	65.148182			Not Exceeded	
Road	2021-05-03	2021-05-03 8:32	Caribou	9	Walking	N	800	123	West	No	Km123	-96.108081	65.131545			Not Exceeded	
Road	2021-05-03	2021-05-03 8:35	Caribou	130	Foraging	N/A	200	122	West	No		-96.097145	65.114773			Exceeded	Road closed
Road	2021-05-03	2021-05-03 8:43	Caribou	15	Foraging	N/A	500	118	West	No		-96.055064	65.086475			Not Exceeded	
Road	2021-05-03	2021-05-03 8:49	Caribou	8	Lying Down	N/A	200	113	East	No	Km113 beside vault camp	-96.020609	65.080258			Not Exceeded	
Road	2021-05-03	2021-05-03 8:51	Caribou	40	Foraging	N/A	300	111	West	No	Km 111	-96.020609	65.080258			Exceeded	Road closed
Road	2021-05-03	2021-05-03 8:53	Caribou	20	Lying Down	N/A	150	110	East	No	Km110	-96.071933	65.023381			Not Exceeded	
Road	2021-05-04	2021-05-04 8:24	Caribou	7	Foraging	N/A	200	110	West	No	110km	-96.071933	65.023381			Not Exceeded	
Road	2021-05-04	2021-05-04 8:29	Caribou	300	Walking	E	0	111	Both	Yes	Km 111	-96.071933	65.023381			Exceeded	Road closed
Road	2021-05-04	2021-05-04 8:54	Caribou	23	Foraging	N/A	100	117	Both	No		-96.039417	65.083700			Not Exceeded	
Road	2021-05-04	2021-05-04 8:57	Caribou	40	Foraging	N/A	1200	117	West	No		-96.039417	65.083700			Exceeded	Road closed
Road	2021-05-04	2021-05-04 9:00	Caribou	40	Foraging	N/A	50	119	West	No		-96.055064	65.086475			Exceeded	Road closed
Road	2021-05-04	2021-05-04 9:10	Caribou	24	Foraging	N/A	100	123	West	No	123km	-96.108081	65.131545			Not Exceeded	
Road	2021-05-04	2021-05-04 9:13	Caribou	40	Foraging	N/A	100	124	Both	No		-96.108081	65.131545			Exceeded	Road closed
Road	2021-05-04	2021-05-04 9:24	Caribou	8	Foraging	N/A	100	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-05-04	2021-05-04 9:33	Caribou	50	Foraging	N/A	50	134	Both	No	Estimate	-96.193861	65.204805			Exceeded	Road closed
Road	2021-05-04	2021-05-04 9:36	Caribou	90	Foraging	N	100	136	Both	No		-96.227402	65.213075			Exceeded	Road closed
Road	2021-05-04	2021-05-04 9:49	Muskox	2	Foraging	N/A	50	141	West	No		-96.318092	65.223683			Not Exceeded	
Road	2021-05-04	2021-05-04 9:53	Caribou	27	Foraging	N/A	100	143	West	No		-96.376896	65.224218			Not Exceeded	
Road	2021-05-04	2021-05-04 11:54	Caribou	6	Resting	N/A	100	148	East	No		-96.427439	65.220477			Not Exceeded	
Road	2021-05-04	2021-05-04 12:00	Caribou	20	Foraging	N/A	800	151	West	No	Estimate	-96.466221	65.234469			Not Exceeded	
Road	2021-05-04	2021-05-04 12:02	Caribou	15	Foraging	N/A	800	152	West	No	Estimate	-96.476171	65.241762			Not Exceeded	
Road	2021-05-04	2021-05-04 12:03	Caribou	8	Foraging	N/A	200	154	West	No		-96.462956	65.254604			Not Exceeded	
Road	2021-05-04	2021-05-04 12:07	Caribou	60	Foraging	N/A	200	157	West	No	Estimate	-96.415837	65.271231			Exceeded	Road closed
Road	2021-05-04	2021-05-04 12:12	Caribou	40	Foraging	N/A	100	160	West	No	Estimate	-96.413563	65.294293			Exceeded	Road closed
Road	2021-05-04	2021-05-04 12:16	Caribou	50	Walking	S	1000	163	West	No	Estimate	-96.430401	65.317408			Exceeded	Road closed
Road	2021-05-04	2021-05-04 12:26	Caribou	20	Walking	N	400	170	West	No	Estimate	-96.549791	65.346648			Not Exceeded	
Road	2021-05-04	2021-05-04 12:29	Caribou	22	Foraging	N/A	200	173	West	No		-96.602973	65.359721			Not Exceeded	
Road	2021-05-04	2021-05-04 12:35	Caribou	20	Foraging	N/A	1200	178	West	No	Estimate	-96.621905	65.400857			Not Exceeded	
Road	2021-05-04	2021-05-04 14:13	Caribou	30	Foraging	N/A	500	107	West	No		-96.071933	65.023381			Not Exceeded	
Road	2021-05-04	2021-05-04 14:16	Caribou	50	Foraging	N/A	500	124	West	No		-96.108081	65.131545			Exceeded	Road closed
Road	2021-05-04	2021-05-04 14:19	Caribou	40	Foraging	N/A	50	126	Both	Yes		-96.110836	65.148182			Exceeded	Road closed
Road	2021-05-04	2021-05-04 14:30	Caribou	40	Foraging	N/A	25	129	West	No		-96.145931	65.169019			Exceeded	Road closed
Road	2021-05-04	2021-05-04 14:37	Caribou	50	Feeding	N/A	0	131	Both	Yes		-96.160725	65.185510			Exceeded	Road closed
Road	2021-05-04	2021-05-04 14:42	Caribou	30	Feeding	E	100	134	Both	Yes		-96.192861	65.204805			Not Exceeded	
Road	2021-05-04	2021-05-04 14:46	Caribou	17	Walking	SE	750	137	West	No		-96.241502	65.219441			Not Exceeded	
Road	2021-05-04	2021-05-04 14:48	Caribou	100	Feeding	N/A	250	139	West	No		-96.279966	65.226857			Exceeded	Road closed
Road	2021-05-04	2021-05-04 14:53	Caribou	30	Feeding	N/A	300	141	West	No		-96.318092	65.223683			Not Exceeded	
Road	2021-05-04	2021-05-04 15:23	Caribou	80	Lying Down	N/A	250	162	West	No		-96.416795	65.311548			Exceeded	Road closed
Road	2021-05-05	2021-05-05 9:34	Caribou	21	Foraging	N/A	50	111	East	No	KM 111	-96.071933	65.023381			Not Exceeded	
Road	2021-05-05	2021-05-05 9:42	Caribou	31	Foraging	N/A	50	114	West	No	KM 114	-96.020609	65.080258			Not Exceeded	
Road	2021-05-05	2021-05-05 9:51	Caribou	18	Standing	N/A	400	117	East	No		-96.039417	65.083700			Not Exceeded	
Road	2021-05-05	2021-05-05 9:55	Caribou	3	Foraging	N/A	300	117	East	N/A		-96.039417	65.083700			Not Exceeded	
Road	2021-05-05	2021-05-05 9:58	Caribou	35	Foraging	N/A	300	119	East	No		-96.064764	65.093211			Exceeded	Road closed
Road	2021-05-05	2021-05-05 10:02	Caribou	40	Not Recorded	N/A	500	120	West	No	KM 120	-96.086379	65.107120			Exceeded	Road closed
Road	2021-05-05	2021-05-05 10:08	Caribou	45	Walking	S	200	123	West	No	KM 123	-96.097145	65.114773			Exceeded	Road closed
Road	2021-05-05	2021-05-05 10:12	Caribou	65	Foraging	N/A	50	124	Both	No	Most of the group on the west side	-96.108081	65.131545			Exceeded	Road closed
Road	2021-05-05	2021-05-05 10:20	Caribou	43	Foraging	N/A	200	126	West	No		-96.110836	65.148182			Exceeded	Road closed
Road	2021-05-05	2021-05-05 10:28	Caribou	12	Standing	N/A	300	128	West	No		-96.135831	65.161371			Not Exceeded	
Road	2021-05-05	2021-05-05 10:30	Caribou	14	Foraging	N/A	300	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-05-05	2021-05-05 10:34	Caribou	6	Standing	N/A	100	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-05-05	2021-05-05 10:40	Caribou	25	Foraging	N/A	500	131	West	No		-96.160725	65.185510			Not Exceeded	
Road	2021-05-05	2021-05-05 10:43	Caribou	50	Walking	N	50	134	West	No		-96.229100	65.213632			Exceeded	Road closed
Road	2021-05-05	2021-05-05 10:49	Caribou	5	Walking	N	500	136	West	No		-96.227402	65.213075			Not Exceeded	
Road	2021-05-05	2021-05-05 10:53	Caribou	56	Feeding	N/A	50	138	Both	No	40 on the west side, 16 on the east side	-96.260183	65.223800			Exceeded	Road closed
Road	2021-05-05	2021-05-05 11:17	Caribou	10	Walking	S	400	151	West	No		-96.466221	65.234469			Not Exceeded	
Road	2021-05-05	2021-05-05 11:19	Caribou	22	Foraging	N/A	200	152	West	No		-96.476171	65.241762			Not Exceeded	
Road	2021-05-05	2021-05-05 11:22	Caribou	12	Walking	N	400	153	West	No		-96.476171	65.241762			Not Exceeded	
Road	2021-05-05	2021-05-05 11:28	Caribou	40	Foraging	N/A	200	156	West	No		-96.452074	65.262217			Exceeded	Road closed
Road	2021-05-05	2021-05-05 11:56	Caribou	22	Foraging	N/A	150	171	West	No		-96.568603	65.351995			Not Exceeded	
Road	2021-05-05	2021-05-05 12:05	Caribou	70	Lying Down	N/A	50	176	West	No		-96.603791	65.386220			Exceeded	Road closed
Incidental	2021-05-06	2021-05-06 6:54	Caribou	85	Foraging	N/A	500	178	West	No		-96.632631	65.403982			Exceeded	Speed Restriction Applied.
Incidental	2021-05-06	2021-05-06 6:54	Caribou	47	Foraging	N/A	300	166	West	No		-96.488193	65.325287			Exceeded	Speed Restriction Applied.
Incidental	2021-05-06	2021-05-06 7:11	Caribou	37	Resting	N/A	25	157	West	No		-96.415837	65.271231			Exceeded	Speed Restriction Applied.
Incidental	2021-05-06	2021-05-06 7:15	Caribou	42	Foraging	N/A	500	153	West	N/A		-96.476257	65.248229			Exceeded	Speed Restriction Applied.
Incidental	2021-05-06	2021-05-06 7:23	Caribou	34	Walking	E	0	156	Both	Yes		-96.452074	65.262217			Not Exceeded	
Incidental	2021-05-06	2021-05-06 7:26	Caribou	30	Foraging	N/A	300	178	West	No	Km 179	-96.621905	65.400857			Not Exceeded	
Incidental	2021-05-06	2021-05-06 7:36	Caribou	19	Resting	N/A	100	149	West	No		-96.442640	65.223273			Not Exceeded	
Incidental	2021-05-06	2021-05-06 7:39	Caribou	60	Walking	N	300	172	West	No		-96.586673	65.355041			Exceeded	Speed Restriction Applied.
Incidental	2021-05-06	2021-05-06 8:17	Caribou	2	Walking	N	150	148	West	No		-96.427439	65.220477			Not Exceeded	
Road	2021-05-06	2021-05-06 13:17	Caribou	7	Feeding	N/A	100	0	East	No		-96.073190	65.021410			Not Exceeded	
Road	2021-05-06	2021-05-06 13:23	Caribou	7	Walking	S	300	0	West	No		-96.073190	65.021410			Not Exceeded	
Road	2021-05-06	2021-05-06 13:27	Caribou	36	Feeding	N/A	500	113	West	No		-96.073190	65.021410			Exceeded	Speed Restriction Applied.
Road	2021-05-06	2021-05-06 13:34	Caribou	50	Feeding	S	500	115	West	No		-96.073190	65.021410			Exceeded	Speed Restriction Applied.
Road	2021-05-06	2021-05-06 13:41	Caribou	8	Walking	S	1000	116	West	No		-96.073190	65.021410			Not Exceeded	
Road	2021-05-06	2021-05-06 13:45	Caribou	17	Walking	S	1000	116	West	No		-96.073190	65.021410			Not Exceeded	
Road	2021-05-06	2021-05-06 13:52	Caribou	37	Feeding	N/A	200	120	West	No		-96.073161	65.021381			Exceeded	Speed Restriction Applied.
Road	2021-05-06	2021-05-06 13:56	Caribou	2	Walking	S	1000	120	West	No		-96.073161	65.021381		</		

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-06	2021-05-06 14:00	Caribou	27	Walking	S	1000	123	West	No		-96.073186	65.021399			Not Exceeded	
Road	2021-05-06	2021-05-06 14:05	Caribou	9	Feeding	N/A	300	124	West	No		-96.073171	65.021388			Not Exceeded	
Road	2021-05-06	2021-05-06 14:09	Caribou	9	Feeding	N/A	500	125	West	No		-96.073188	65.021399			Not Exceeded	
Road	2021-05-06	2021-05-06 14:16	Caribou	10	Walking	N	400	126	West	No		-96.073188	65.021399			Not Exceeded	
Road	2021-05-06	2021-05-06 14:24	Caribou	25	Feeding	N	1000	129	West	No		-96.073188	65.021399			Not Exceeded	
Road	2021-05-06	2021-05-06 14:32	Caribou	24	Feeding	N/A	300	131	West	No		-96.073187	65.021398			Not Exceeded	
Road	2021-05-06	2021-05-06 14:35	Caribou	10	Feeding	N/A	50	132	West	No		-96.073174	65.021390			Not Exceeded	
Road	2021-05-06	2021-05-06 14:41	Caribou	7	Walking	N	100	133	West	No		-96.073185	65.021401			Not Exceeded	
Road	2021-05-06	2021-05-06 14:45	Caribou	18	Feeding	N/A	200	133	West	No		-96.073189	65.021401			Not Exceeded	
Road	2021-05-06	2021-05-06 14:56	Caribou	4	Walking	E	500	139	East	No		-96.073189	65.021401			Not Exceeded	
Road	2021-05-06	2021-05-06 15:40	Caribou	11	Walking	N	400	127	West	No		-96.073195	65.021409			Not Exceeded	
Road	2021-05-06	2021-05-06 16:00	Caribou	6	Feeding	N/A	50	112	East	No		-96.073199	65.021414			Not Exceeded	
Road	2021-05-07	2021-05-07 6:57	Caribou	66	Foraging	N/A	250	178	West	No	40 are close (250m) and the rest is further (1000m+) walking north	-96.621905	65.400857			Exceeded	Speed Restriction Applied.
Road	2021-05-07	2021-05-07 7:04	Caribou	20	Lying Down	N/A	1000	177	West	No		-96.608471	65.394344			Not Exceeded	
Road	2021-05-07	2021-05-07 7:08	Caribou	6	Walking	N	1000	176	West	No		-96.603791	65.386220			Not Exceeded	
Road	2021-05-07	2021-05-07 7:39	Caribou	13	Foraging	N	300	159	West	No		-96.408856	65.286013			Not Exceeded	
Road	2021-05-07	2021-05-07 7:42	Caribou	9	Foraging	N/A	800	158	West	No		-96.404713	65.277758			Not Exceeded	
Road	2021-05-07	2021-05-07 8:39	Caribou	9	Foraging	N/A	100	131	West	No		-96.160725	65.185510			Not Exceeded	
Road	2021-05-07	2021-05-07 8:45	Caribou	5	Walking	N	1000	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-05-07	2021-05-07 8:48	Caribou	9	Foraging	N/A	200	128	West	No		-96.135831	65.161371			Not Exceeded	
Road	2021-05-07	2021-05-07 8:57	Caribou	4	Walking	N	150	126	West	No		-96.110836	65.148182			Not Exceeded	
Road	2021-05-07	2021-05-07 9:21	Caribou	3	Trotting/running	W	20	116	West	No		-96.020609	65.080258			Not Exceeded	
Road	2021-05-07	2021-05-07 9:26	Caribou	8	Foraging	N/A	500	112	West	No	Km 112	-96.002169	65.051123			Not Exceeded	
Road	2021-05-07	2021-05-07 9:31	Caribou	15	Walking	S	300	111	West	No	Km111	-96.024021	65.048147			Not Exceeded	
Incidental	2021-05-07	2021-05-07 10:50	Wolf	5	Walking	N/A	0	133	West	Yes		-96.175379	65.199246			Not Exceeded	
Road	2021-05-08	2021-05-08 8:50	Caribou	9	Foraging	N/A	200	152	West	No		-96.476171	65.241762			Not Exceeded	
Road	2021-05-08	2021-05-08 8:58	Caribou	12	Lying Down	N/A	150	147	West	No		-96.418353	65.227863			Not Exceeded	
Road	2021-05-08	2021-05-08 9:01	Caribou	14	Lying Down	N/A	147	147	East	No	On the lake	-96.418353	65.227863			Not Exceeded	
Road	2021-05-08	2021-05-08 9:22	Caribou	6	Foraging	E	1000	137	East	No		-96.241502	65.219441			Not Exceeded	
Road	2021-05-08	2021-05-08 9:28	Caribou	4	Walking	N	500	134	West	No		-96.192861	65.204805			Not Exceeded	
Road	2021-05-08	2021-05-08 9:42	Caribou	14	Walking	SE	500	126	West	No		-96.110836	65.148182			Not Exceeded	
Road	2021-05-08	2021-05-08 9:51	Caribou	20	Feeding	N/A	150	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-05-08	2021-05-08 9:54	Caribou	10	Feeding	N/A	100	122	West	No		-96.097145	65.114773			Not Exceeded	
Road	2021-05-08	2021-05-08 9:57	Caribou	15	Feeding	N/A	50	121	West	No		-96.086379	65.107120			Not Exceeded	
Road	2021-05-08	2021-05-08 10:08	Caribou	6	Lying Down	N/A	50	117	West	No		-96.039417	65.083700			Not Exceeded	
Road	2021-05-08	2021-05-08 10:16	Caribou	30	Foraging	E	100	107	Both	No		-96.071933	65.023381			Not Exceeded	
Road	2021-05-10	2021-05-10 11:08	Caribou	6	Foraging	N/A	450	107	West	No		-96.071933	65.023381			Not Exceeded	
Road	2021-05-10	2021-05-10 11:10	Caribou	2	Foraging	N/A	300	110	East	No	Km 110	-96.040653	65.041400			Not Exceeded	
Road	2021-05-10	2021-05-10 11:15	Caribou	4	Foraging	N/A	150	116	West	No		-96.020609	65.080258			Not Exceeded	
Road	2021-05-10	2021-05-10 11:17	Caribou	17	Walking	E	500	117	West	No		-96.039417	65.083700			Not Exceeded	
Road	2021-05-10	2021-05-10 11:18	Caribou	21	Walking	S	450	118	West	No		-96.055064	65.086475			Not Exceeded	
Road	2021-05-10	2021-05-10 11:31	Caribou	4	Foraging	N/A	50	123	East	No	Km 123	-96.104411	65.122168			Not Exceeded	
Road	2021-05-10	2021-05-10 11:33	Caribou	5	Foraging	N/A	200	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-05-10	2021-05-10 11:34	Caribou	7	Foraging	N/A	150	124	East	No		-96.108081	65.131545			Not Exceeded	
Road	2021-05-10	2021-05-10 11:35	Caribou	7	Walking	N	100	125	West	No	km125	-96.107922	65.139082			Not Exceeded	
Road	2021-05-10	2021-05-10 11:41	Caribou	4	Foraging	N/A	350	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-05-10	2021-05-10 11:59	Caribou	11	Foraging	N/A	400	134	West	No		-96.192861	65.204805			Not Exceeded	
Road	2021-05-10	2021-05-10 12:49	Caribou	3	Walking	N/A	200	149	West	No		-96.442640	65.223273			Not Exceeded	
Road	2021-05-10	2021-05-10 13:28	Caribou	4	Foraging	N/A	250	171	West	No		-96.568603	65.351995			Not Exceeded	
Road	2021-05-12	2021-05-12 8:21	Caribou	2	Feeding	N/A	100	151	West	No		-96.466221	65.234469			Not Exceeded	
Road	2021-05-12	2021-05-12 9:20	Caribou	4	Feeding	N/A	100	152	West	No		-96.476171	65.241762			Not Exceeded	
Road	2021-05-12	2021-05-12 9:52	Caribou	17	Feeding	N/A	200	132	West	No		-96.164568	65.194003			Not Exceeded	
Road	2021-05-12	2021-05-12 10:02	Caribou	3	Feeding	N/A	300	124	West	N/A		-96.108081	65.131545			Not Exceeded	
Road	2021-05-12	2021-05-12 10:03	Caribou	13	Feeding	N/A	250	123				-96.108081	65.131545			Not Exceeded	
Road	2021-05-12	2021-05-12 10:04	Caribou	6	Feeding	N/A	250	122	West	N/A		-96.097145	65.114773			Not Exceeded	
Road	2021-05-12	2021-05-12 12:43	Siksisik	1	Walking	E	0	111	East	Yes	Km 111	-96.020609	65.080258			Not Exceeded	
Road	2021-05-12	2021-05-12 12:59	Caribou	8	Foraging	N/A	150	122	East	No		-96.097145	65.114773			Not Exceeded	
Road	2021-05-12	2021-05-12 13:02	Caribou	20	Resting	N/A	300	122	West	No		-96.097145	65.114773			Not Exceeded	
Road	2021-05-12	2021-05-12 13:05	Caribou	8	Foraging	N/A	0	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-05-12	2021-05-12 13:07	Siksisik	2	Walking	E	0	126	Both	Yes		-96.110836	65.148182			Not Exceeded	
Road	2021-05-12	2021-05-12 13:09	Caribou	10	Foraging	N/A	150	126	Both	No		-96.110836	65.148182			Not Exceeded	
Road	2021-05-12	2021-05-12 13:12	Caribou	7	Foraging	E	50	129	West			-96.145931	65.169019			Not Exceeded	
Road	2021-05-12	2021-05-12 13:13	Caribou	11	Foraging	N/A	200	129	West			-96.145931	65.169019			Not Exceeded	
Road	2021-05-12	2021-05-12 13:51	Caribou	8	Foraging	N/A	50	151	West	No		-96.466221	65.234469			Not Exceeded	
Road	2021-05-13	2021-05-13 10:21	Caribou	16	Foraging	N/A	100	160	West	No		-96.413563	65.294293			Not Exceeded	
Road	2021-05-13	2021-05-13 10:36	Caribou	4	Foraging	N/A	100	151	West	No		-96.450078	65.230216			Not Exceeded	
Road	2021-05-13	2021-05-13 10:40	Caribou	20	Foraging	N/A	200	150	West			-96.442640	65.223273			Not Exceeded	
Road	2021-05-13	2021-05-13 11:34	Caribou	11	Walking	W	150	122				-96.097145	65.114773			Not Exceeded	
Road	2021-05-13	2021-05-13 11:50	Caribou	30	Foraging	N/A	50	112	West	No	Km 112	-96.020609	65.080258			Not Exceeded	
Road	2021-05-14	2021-05-14 10:55	Caribou	17	Foraging	N/A	300	122	East	N/A		-96.097145	65.114773			Not Exceeded	
Road	2021-05-14	2021-05-14 10:59	Caribou	16	Foraging	N/A	200	124	West	N/A		-96.108081	65.131545			Not Exceeded	
Road	2021-05-14	2021-05-14 11:02	Caribou	5	Foraging	N/A	250	124	East	N/A		-96.108081	65.131545			Not Exceeded	
Road	2021-05-14	2021-05-14 11:17	Caribou	10	Foraging	N/A	50	133	West	No		-96.175379	65.199246			Not Exceeded	
Road	2021-05-14	2021-05-14 11:22	Caribou	11	Resting	N/A	30	134	West	No		-96.192861	65.204805			Not Exceeded	
Road	2021-05-15	2021-05-15 13:15	Caribou	11	Feeding	N/A	300	116	Both	No		-96.020609	65.080258			Not Exceeded	
Road	2021-05-15	2021-05-15 13:31	Arctic fox	1	Alert	E	0	138	West	No	Coming and going on the side of the road, tried once to cross and turned back. Photo 726, 727	-96.260183	65.223800			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-05-15	2021-05-15 14:20	Caribou	11	Feeding	N/A	400	154	West	No		-96.466221	65.234469			Not Exceeded	
Road	2021-05-15	2021-05-15 14:59	Caribou	2	Trotting/running	W	300	176	West	No	Alerted when the pick up stopped. LHT scared them away for our sight.	-96.603791	65.386220			Not Exceeded	
Road	2021-05-16	2021-05-16 13:47	Caribou	9	Foraging	N/A	300	122	West	No		-96.097145	65.114773			Not Exceeded	
Road	2021-05-16	2021-05-16 13:59	Caribou	5	Foraging	N/A	350	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-05-16	2021-05-16 14:40	Caribou	20	Foraging	N/A	200	133	West	No		-96.175379	65.199246			Not Exceeded	
Road	2021-05-16	2021-05-16 15:07	Caribou	19	Foraging	N/A	50	149	West	N/A		-96.442640	65.232373			Not Exceeded	
Road	2021-05-16	2021-05-16 16:23	Caribou	15	Foraging	N/A	75	162	West	N/A		-96.416795	65.311548			Not Exceeded	
Road	2021-05-18	2021-05-18 7:43	Caribou	12	Resting	N/A	100	113	East	No		-95.992971	65.058790			Not Exceeded	
Road	2021-05-18	2021-05-18 7:46	Ptarmigan	20	Walking	N/A	50	113	West	No		-95.992935	65.058806			Not Exceeded	
Road	2021-05-18	2021-05-18 7:53	Caribou	6	Foraging	N/A	50	114	East	No		-96.004460	65.067631			Not Exceeded	
Road	2021-05-18	2021-05-18 7:59	Arctic hare	1	Not Recorded			NA				-96.019236	65.076198			Not Exceeded	
Road	2021-05-18	2021-05-18 8:01	Arctic hare	1	Standing	N/A	0	115	East	No		-96.019553	65.076365			Not Exceeded	
Road	2021-05-18	2021-05-18 8:05	Caribou	13	Foraging	N/A	300	116	West	No		-96.020376	65.078787			Not Exceeded	
Road	2021-05-18	2021-05-18 8:15	Caribou	6	Foraging	N/A	150	117	West	No		-96.053833	65.084342			Not Exceeded	
Road	2021-05-18	2021-05-18 8:29	Caribou	8	Foraging	N/A	150	121	West	No		-96.090221	65.109434			Not Exceeded	
Road	2021-05-18	2021-05-18 8:34	Caribou	15	Foraging	N/A	500	122	West	No		-96.094626	65.112389			Not Exceeded	
Road	2021-05-18	2021-05-18 8:38	Caribou	14	Resting	N/A	300	122	West	No	12 resting and 2 walking a bit further going N	-96.096639	65.114321			Not Exceeded	
Road	2021-05-18	2021-05-18 8:48	Caribou	4	Foraging	N/A	400	124	West	No		-96.108160	65.132995			Not Exceeded	
Road	2021-05-18	2021-05-18 8:55	Caribou	1	Foraging	N/A	500	124	East	No		-96.108164	65.132963			Not Exceeded	
Road	2021-05-18	2021-05-18 9:09	Caribou	3	Foraging	N/A	20	131	West	No		-96.161937	65.186573			Not Exceeded	
Road	2021-05-18	2021-05-18 9:19	Caribou	2	Foraging	N/A	100	133	East	No		-96.189757	65.203737			Not Exceeded	
Road	2021-05-18	2021-05-18 9:27	Muskox	2	Walking	N	1000	133	West	No		-96.189747	65.203694			Not Exceeded	
Road	2021-05-18	2021-05-18 10:21	Caribou	16	Resting	N/A	120	150	West	No	3 eating	-96.466474	65.232354			Not Exceeded	
Road	2021-05-18	2021-05-18 11:04	Caribou	7	Standing	N/A	200	173	West	No	Were standing. Now walking N	-96.601476	65.369624			Not Exceeded	
Incidental	2021-05-18	2021-05-18 13:15	Arctic fox	1	Trotting/running	E	0	159	Both	Yes		-96.413725	65.295324			Not Exceeded	
Incidental	2021-05-18	2021-05-18 13:45	Caribou	3	Resting	N/A	300-400	149	West	No	Km149. Westside. 300-400m.	-96.446468	65.224520			Not Exceeded	
Incidental	2021-05-18	2021-05-18 15:14	Caribou	9	Foraging	N/A	400	127		No	2 laying down and rest foraging. Km127. 400m.	-96.127845	65.154883			Not Exceeded	
Incidental	2021-05-18	2021-05-18 15:24	Caribou	12	Foraging	N/A	200	125	West	No	Km125. 200m west side. Some resting	-96.109179	65.137792			Not Exceeded	
Incidental	2021-05-18	2021-05-18 15:39	Caribou	22	Foraging	N/A		121			22. 16 visible. Km121 East side 500m	-96.094533	65.112019			Not Exceeded	
Incidental	2021-05-18	2021-05-18 16:14	Caribou	5	Walking	N	300	115	East		Km 115. 300m. East	-96.005150	65.068066			Not Exceeded	
Incidental	2021-05-18	2021-05-18 16:19	Caribou	13	Resting	N/A		113			Km113	-95.996092	65.054820			Not Exceeded	
Road	2021-05-20	2021-05-20 8:24	Caribou	7	Feeding	E	50	112	East	No		-96.002337	65.051041			Not Exceeded	
Road	2021-05-20	2021-05-20 8:39	Caribou	5	Feeding	N	75	116	East	No		-96.033988	65.083420			Not Exceeded	
Road	2021-05-20	2021-05-20 8:41	Caribou	4	Feeding	W	100	117	West	No		-96.052759	65.083225			Not Exceeded	
Road	2021-05-20	2021-05-20 8:43	Caribou	10	Lying Down	W	125	119	West	No		-96.066840	65.095349			Not Exceeded	
Road	2021-05-20	2021-05-20 8:46	Caribou	25	Walking	E	50	120	West	No		-96.078232	65.102346			Not Exceeded	
Road	2021-05-20	2021-05-20 8:51	Caribou	11	Walking	S	100	123	West	No		-96.097568	65.115245			Not Exceeded	
Road	2021-05-20	2021-05-20 9:14	Rough-legged-Hawk	1	Flying	N/A	20	134	West	No		-96.105824	65.140803			Not Exceeded	
Road	2021-05-20	2021-05-20 9:59	Caribou	10	Feeding	E	100	162	East	No		-96.414195	65.309390			Not Exceeded	
Road	2021-05-20	2021-05-20 10:01	Caribou	9	Feeding	S	25	162	West	Deflection		-96.423769	65.316173			Not Exceeded	
Road	2021-05-20	2021-05-20 10:04	Ptarmigan	15	Walking	N	25	163	West	No		-96.464512	65.324004			Not Exceeded	
Road	2021-05-20	2021-05-20 10:07	Caribou	12	Feeding	E	50	164	East	No		-96.503271	65.327872			Not Exceeded	
Incidental	2021-05-21	2021-05-21 8:11	Caribou	55	Foraging	N/A	250	113	West	No	Km 113w 250 m	-96.071082	65.022300			Exceeded	Speed Restriction Applied.
Incidental	2021-05-21	2021-05-21 13:53	Other	1	Flying	E	200	147	East	No	Pelegrin falcon	-96.418353	65.227863			Not Exceeded	
Incidental	2021-05-21	2021-05-21 14:00	Rough-legged-Hawk	2	Flying	NW	400	138	West	No		-96.260183	65.223800			Not Exceeded	
Incidental	2021-05-24	2021-05-24 10:00	Other	2	Not Recorded		350	158	East	No		-96.666416	65.401649			Not Exceeded	
Road	2021-05-28	2021-05-28 14:27	Caribou	9	Feeding	N/A	100	160	East	No		-96.458486	65.324127			Not Exceeded	
Road	2021-05-28	2021-05-28 15:02	Caribou	12	Resting	N/A	25	160	East	No		-96.412202	65.303307			Not Exceeded	
Road	2021-05-28	2021-05-28 15:14	Caribou	5	Feeding	N/A	50	155	West	No		-96.412202	65.303307			Not Exceeded	
Road	2021-05-28	2021-05-28 15:24	Caribou	10	Feeding	N/A	100	148	West	No		-96.412202	65.303307			Not Exceeded	
Road	2021-05-28	2021-05-28 15:28	Caribou	12	Feeding	W	10	148	East	No		-96.412202	65.303307			Not Exceeded	
Road	2021-05-28	2021-05-28 16:06	Caribou	13	Feeding	E	10	135	West	No		-96.412202	65.303307			Not Exceeded	
Road	2021-05-28	2021-05-28 16:14	Caribou	47	Feeding	N/A	50	133	West	No		-96.168294	65.195979			Exceeded	Speed Restriction Applied.
Road	2021-05-28	2021-05-28 16:45	Muskox	3	Feeding	N/A	150	124	West	No		-96.168294	65.195979			Not Exceeded	
Road	2021-05-28	2021-05-28 16:54	Caribou	9	Walking	W	5	124	East	Yes		-96.082338	65.104807			Not Exceeded	
Road	2021-05-28	2021-05-28 16:58	Caribou	14	Lying Down	N/A	25	119	West	No		-96.063967	65.092559			Not Exceeded	
Road	2021-05-28	2021-05-28 17:03	Caribou	3	Feeding	N/A	75	119	East	No		-96.059498	65.089213			Not Exceeded	
Road	2021-05-28	2021-05-28 17:05	Caribou	4	Walking	N	25	118	West	No		-96.051288	65.082665			Not Exceeded	
Road	2021-05-28	2021-05-28 17:13	Caribou	4	Lying Down	N/A	75	113	East	No		-95.996951	65.063171			Not Exceeded	
Road	2021-05-28	2021-05-28 17:17	Caribou	29	Feeding	N/A	25	110	East	No		-96.034500	65.044442			Exceeded	Speed Restriction Applied.
Road	2021-06-02	2021-06-02 13:27	Caribou	6	Lying Down	N/A	200	111	East	No		-96.027006	65.047522			Not Exceeded	
Road	2021-06-02	2021-06-02 13:33	Caribou	46	Foraging	N/A	100	112	East	No		-95.994755	65.056115			Exceeded	Speed Restriction Applied.
Road	2021-06-02	2021-06-02 13:40	Caribou	1	Foraging	N/A	150	116	West	No		-96.023433	65.081688			Not Exceeded	
Road	2021-06-02	2021-06-02 13:49	Caribou	9	Foraging	N/A	300	119	West	No		-96.065495	65.093736			Not Exceeded	
Road	2021-06-02	2021-06-02 13:55	Caribou	5	Foraging	N/A	200	122	East	No		-96.102746	65.120183			Not Exceeded	
Road	2021-06-02	2021-06-02 13:56	Caribou	7	Foraging	N/A	300	123	West	No		-96.106344	65.124429			Not Exceeded	
Road	2021-06-02	2021-06-02 13:58	Caribou	16	Resting	N/A	150	123	West	No		-96.107237	65.127439			Not Exceeded	
Road	2021-06-02	2021-06-02 14:04	Caribou	6	Walking	E	0	125	Both	Yes		-96.106074	65.140593			Not Exceeded	
Road	2021-06-02	2021-06-02 14:11	Caribou	16	Foraging	N/A	300	127	West	No		-96.122647	65.152767			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-06-02	2021-06-02 14:14	Caribou	6	Foraging	N/A	75	127	West	No		-96.128388	65.155291			Not Exceeded	
Road	2021-06-02	2021-06-02 14:17	Caribou	7	Walking	N	400	128	West	No		-96.145103	65.167119			Not Exceeded	
Road	2021-06-02	2021-06-02 14:22	Caribou	30	Foraging	N	700	130	West	No		-96.159069	65.182291			Exceeded	Speed Restriction Applied.
Road	2021-06-02	2021-06-02 14:23	Caribou	6	Foraging	N/A	250	134	West	No		-96.192035	65.204220			Not Exceeded	
Road	2021-06-02	2021-06-02 15:27	Caribou	8	Foraging	N	100	151	East	No		-96.477852	65.243446			Not Exceeded	
Road	2021-06-02	2021-06-02 16:14	Caribou	16	Not Recorded		100	179	West	No		-96.650841	65.405101			Not Exceeded	
Road	2021-06-04	2021-06-04 15:17	Caribou	13	Resting	N/A	200	128	East	No		-96.135831	65.161371			Not Exceeded	
Road	2021-06-04	2021-06-04 15:29	Caribou	7	Foraging	N/A	200	126	West	No		-96.110836	65.148182			Not Exceeded	
Road	2021-06-04	2021-06-04 16:27	Caribou	2	Standing	N/A	100	113	West	No		-95.993271	65.058803			Not Exceeded	
Road	2021-06-08	2021-06-08 9:24	Caribou	2	Foraging	N/A	150	123	West	No		-96.070307	65.023348			Not Exceeded	
Road	2021-06-08	2021-06-08 9:44	Caribou	2	Foraging	N/A	400	126	West	No		-96.070307	65.023348			Not Exceeded	
Road	2021-06-08	2021-06-08 9:52	Caribou	36	Foraging	E	500	128	West	No		-96.070307	65.023348			Exceeded	
Road	2021-06-08	2021-06-08 10:01	Caribou	3	Foraging	N	600	130	East	No		-96.070307	65.023348			Not Exceeded	
Road	2021-06-08	2021-06-08 10:04	Caribou	4	Lying Down	N/A	800	130	West	No		-96.070307	65.023348			Not Exceeded	
Road	2021-06-08	2021-06-08 10:15	Caribou	15	Lying Down	N/A	200	133	West	No		-96.166265	65.195816			Not Exceeded	
Road	2021-06-08	2021-06-08 10:20	Caribou	6	Lying Down	N/A	600	135	West	No		-96.166265	65.195816			Not Exceeded	
Road	2021-06-08	2021-06-08 11:38	Arctic fox	1	Trotting/running	E	0	164	West	Yes		-96.166265	65.195816			Not Exceeded	
Road	2021-06-08	2021-06-08 11:50	Caribou	26	Walking	N	200	165	East	No		-96.166265	65.195816			Exceeded	
Road	2021-06-10	2021-06-10 8:35	Caribou	4	Walking	S	150	127	West	No		-96.121286	65.152273			Not Exceeded	
Road	2021-06-10	2021-06-10 8:38	Caribou	3	Lying Down	N/A	150	128	East	No		-96.130863	65.157175			Not Exceeded	
Road	2021-06-10	2021-06-10 8:44	Caribou	4	Lying Down	N/A	100	129	East	No		-96.147914	65.172698			Not Exceeded	
Road	2021-06-10	2021-06-10 9:51	Caribou	1	Feeding	N/A	900	173	West	No		-96.612751	65.396726			Not Exceeded	
Road	2021-06-10	2021-06-10 9:52	Caribou	15	Feeding	N/A	800	174	West	No		-96.612726	65.396724			Not Exceeded	
Road	2021-06-10	2021-06-10 9:56	Caribou	6	Walking	E	0	177	Both	Yes		-96.622564	65.401493			Not Exceeded	
Road	2021-06-12	2021-06-12 7:50	Caribou	5	Standing	N/A	600	126	West	N/A		-96.053587	65.022959			Not Exceeded	
Road	2021-06-12	2021-06-12 8:59	Caribou	4	Foraging	N/A	100	164	West	No		-96.447216	65.322562			Not Exceeded	
Incidental	2021-06-12	2021-06-12 14:38	Wolf	1	Walking	Not Recorded	0	134	Both	N/A	Driver reported to dispatch a wolf at km 134. No more information.	-96.192861	65.204805			Not Exceeded	
Road	2021-06-23	2021-06-23 9:15	Caribou	3	Feeding	N/A	400	129	West	No		-96.146310	65.169815			Not Exceeded	
Road	2021-06-23	2021-06-23 9:21	Caribou	11	Lying Down	N/A	300	124	West	N/A		-96.118242	65.151530			Not Exceeded	
Incidental	2021-06-30	2021-06-30 17:05	Wolf	1	Walking	N	0	122	Both	Yes		-96.097145	65.114773			Not Exceeded	
Road	2021-07-08	2021-07-08 15:53	Muskox	8	Feeding	N/A	200	151	Both	No		-96.450078	65.230216			Not Exceeded	
Road	2021-07-08	2021-07-08 16:41	Caribou	1	Standing	E	0	138	East	Yes	I scared him off the road on the side he was just by driving	-96.208006	65.208904			Not Exceeded	
Road	2021-07-08	2021-07-08 17:08	Muskox	9	Feeding	N	150	128	East	No		-96.135831	65.161371			Not Exceeded	
Road	2021-07-08	2021-07-08 17:48	Muskox	1	Feeding	N/A	30	116	West	No		-96.020609	65.080258			Not Exceeded	
Road	2021-07-14	2021-07-14 16:24	Muskox	1	Walking	N	25	161	West	No		-96.546200	65.343560			Not Exceeded	
Road	2021-07-14	2021-07-14 16:52	Muskox	13	Feeding	N/A	75	139	East	No		-96.546200	65.343560			Not Exceeded	
Road	2021-07-14	2021-07-14 17:33	Muskox	3	Feeding	N/A	75	117	West	No		-96.166277	65.195845			Not Exceeded	
Road	2021-07-14	2021-07-14 17:37	Muskox	2	Feeding	N/A	50	115	West	No		-96.166277	65.195845			Not Exceeded	
Road	2021-07-14	2021-07-14 17:40	Muskox	1	Feeding	N	50	113	West	No		-96.166277	65.195845			Not Exceeded	
Incidental	2021-07-16	2021-07-16 7:20	Muskox	1	Feeding	Not Recorded		NA			Amaruq road, east side, KM114	-96.073195	65.021416			Not Exceeded	
Incidental	2021-07-16	2021-07-16 7:40	Muskox	1	Feeding	Not Recorded		NA			Amaruq road km127, west side, 70 m away	-96.073167	65.021387			Not Exceeded	
Incidental	2021-07-16	2021-07-16 9:07	Muskox	1	Feeding	Not Recorded		NA			In the tundra, feeding, west of the fuel line down the hill.	-96.073167	65.021387			Not Exceeded	
Road	2021-07-24	2021-07-24 9:30	Muskox	1	Feeding	SE	100	160	East	No		-96.413563	65.294293			Not Exceeded	
Road	2021-07-24	2021-07-24 12:16	Muskox	1	Feeding	N/A	300	125	West	No		-96.107922	65.139082			Not Exceeded	
Road	2021-07-24	2021-07-24 12:55	Muskox	1	Feeding	N/A	75	113	East	No		-95.993271	65.058803			Not Exceeded	
Road	2021-07-27	2021-07-27 15:46	Caribou	1	Running	E	0	109	Both	Yes		-96.041107	65.041037			Not Exceeded	
Road	2021-07-27	2021-07-27 16:21	Caribou	1	Foraging	N/A	300	136	East	No		-96.227754	65.213244			Not Exceeded	
Road	2021-07-29	2021-07-29 6:36	Arctic hare	1	Trotting/running	S	5	150	West	No		-96.479762	65.244352			Not Exceeded	
Road	2021-07-29	2021-07-29 8:36	Mammal	1	Walking	W	0	111	Both	Yes	Sic sic	-96.026751	65.047594			Not Exceeded	
Road	2021-07-31	2021-07-31 10:44	Mammal	1	Trotting/running	W	0	175	Both	Yes		-96.602153	65.382169			Not Exceeded	
Incidental	2021-08-05	2021-08-05 15:55	Caribou	12	Walking	W	50	130	East	No		-96.152801	65.178150			Not Exceeded	
Incidental	2021-08-05	2021-08-05 17:38	Caribou	20	Resting	N	10	111	East	No		-96.024021	65.048147			Not Exceeded	
Road	2021-08-06	2021-08-06 6:41	Caribou	2	Walking	W	200	176	West	No		-96.603878	65.385604			Not Exceeded	
Incidental	2021-08-06	2021-08-06 6:50	Arctic hare	1	Dead	N/A		171		N/A	Project related mortality	-96.568603	65.351995		No -	Not Exceeded	
Road	2021-08-06	2021-08-06 6:55	Caribou	1	Standing	N/A	200	168	East	No		-96.535055	65.338862			Not Exceeded	
Road	2021-08-06	2021-08-06 7:06	Caribou	3	Feeding	N/A	500	159	East	No		-96.414799	65.309695			Not Exceeded	
Road	2021-08-06	2021-08-06 7:23	Caribou	10	Walking	E	300	146	East	No		-96.408752	65.280937			Not Exceeded	
Road	2021-08-06	2021-08-06 7:25	Caribou	1	Standing	N/A	150	145	West	No		-96.395665	65.226066			Not Exceeded	
Road	2021-08-06	2021-08-06 7:32	Muskox	1	Standing	N/A	200	140	West	No		-96.292744	65.222954			Not Exceeded	
Road	2021-08-06	2021-08-06 7:37	Caribou	6	Feeding	N/A	300	137	East	No		-96.236907	65.217807			Not Exceeded	
Road	2021-08-06	2021-08-06 7:43	Arctic hare	1	Standing	N/A	50	132	West	No		-96.164614	65.195703			Not Exceeded	
Road	2021-08-06	2021-08-06 7:52	Caribou	2	Standing	N/A	100	125	East	No		-96.107652	65.144085			Not Exceeded	
Road	2021-08-06	2021-08-06 8:03	Caribou	1	Feeding	N/A	100	117	East	No		-96.031409	65.083099			Not Exceeded	
Road	2021-08-06	2021-08-06 8:04	Caribou	2	Standing	N/A	100	116	West	No		-96.018635	65.075758			Not Exceeded	
Road	2021-08-06	2021-08-06 8:10	Caribou	14	Standing	N/A	100	110	East	No		-95.993371	65.058483			Not Exceeded	
Incidental	2021-08-07	2021-08-07 8:33	Arctic fox	1	Alert	N/A		NA				-96.620030	65.400104			Not Exceeded	
Incidental	2021-08-07	2021-08-07 8:38	Caribou	1	Foraging	N/A		NA			Km 174, 150m from road, west side	-96.602284	65.379859			Not Exceeded	
Incidental	2021-08-07	2021-08-07 8:44	Caribou	4	Trotting/running	E		NA			Km 171, 150m from road, east	-96.585471	65.354875			Not Exceeded	
Incidental	2021-08-07	2021-08-07 8:47	Caribou	1	Alert	N/A		NA			Blind hill 169, 200m, west side, not moving	-96.562237	65.350523			Not Exceeded	
Incidental	2021-08-07	2021-08-07 8:57	Caribou	67	Walking	S		NA			Km 166, 1.8km, east side	-96.517652	65.330331			Exceeded	Speed Restriction Applied.

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-08-07	2021-08-07 9:02	Caribou	10	Walking	S		NA			Km 169, 2km east, going south	-96.529316	65.336129			Not Exceeded	
Incidental	2021-08-07	2021-08-07 9:03	Caribou	25	Foraging	N/A		NA			400m east side km169	-96.539225	65.341440			Not Exceeded	
Incidental	2021-08-07	2021-08-07 9:06	Caribou	2	Walking	E	0	168	Both	Yes	Km168. Crossing the road from west to east	-96.539166	65.341402			Not Exceeded	
Incidental	2021-08-07	2021-08-07 9:29	Caribou	1	Alert	W	0	176	Both	Yes	Km 176, from west to east, 10m	-96.612842	65.396750			Not Exceeded	
Incidental	2021-08-07	2021-08-07 9:32	Caribou	48	Walking	W		NA			Km178, west, 400	-96.634763	65.404367			Exceeded	Speed Restriction Applied.
Incidental	2021-08-07	2021-08-07 9:34	Caribou	3	Walking	SW		NA			Km176, 100m, east side	-96.645137	65.405238			Not Exceeded	
Incidental	2021-08-07	2021-08-07 16:10	Caribou	22	Walking	S		NA			Km175.5, west, 200m	-96.666400	65.401761			Not Exceeded	
Incidental	2021-08-07	2021-08-07 16:12	Caribou	23	Walking	S		NA			Km 175.5, other scattered group, 200m, east	-96.666400	65.401761			Not Exceeded	
Incidental	2021-08-07	2021-08-07 16:30	Caribou	3	Walking	S		NA			Km176, 50m, east	-96.666400	65.401761			Not Exceeded	
Incidental	2021-08-07	2021-08-07 16:45	Arctic fox	1	Dead	N/A		171		N/A	Project related mortality	-96.568603	65.351995	No -		Not Exceeded	
Incidental	2021-08-07	2021-08-07 16:50	Caribou	25	Walking	N	1300	174	East		Km174, east, 1.3km	-96.666400	65.401761			Not Exceeded	
Incidental	2021-08-07	2021-08-07 17:15	Caribou	1	Walking	SW	0	177	Both	Yes	Km 177.5, crossed the road from east to west and walked a long time along the road	-96.666400	65.401761			Not Exceeded	
Road	2021-08-08	2021-08-08 8:40	Caribou	1	Alert	N	200	177	East	No		-96.627073	65.403069			Not Exceeded	
Road	2021-08-08	2021-08-08 8:51	Caribou	13	Foraging	N/A	250	175	East	No		-96.607468	65.393577			Not Exceeded	
Road	2021-08-08	2021-08-08 9:06	Caribou	24	Lying Down	N/A	300	169	East	No		-96.607225	65.393467			Not Exceeded	
Road	2021-08-08	2021-08-08 9:15	Caribou	3	Walking	N	200	168	East	No		-96.545164	65.342908			Not Exceeded	
Road	2021-08-08	2021-08-08 9:34	Caribou	1	Foraging	N/A	100	164	West	No		-96.523288	65.333167			Not Exceeded	
Road	2021-08-08	2021-08-08 9:37	Other	2	Foraging	N	200	164	East	No	Sandhill crane	-96.466083	65.323909			Not Exceeded	
Road	2021-08-08	2021-08-08 9:42	Caribou	3	Alert	N/A	100	163	East	No		-96.438219	65.318965			Not Exceeded	
Road	2021-08-08	2021-08-08 9:48	Muskox	1	Foraging	N/A	1200	160	East	No		-96.412760	65.307097			Not Exceeded	
Road	2021-08-08	2021-08-08 9:54	Caribou	2	Running	S	1200	160	East	No		-96.412730	65.306381			Not Exceeded	
Road	2021-08-08	2021-08-08 10:00	Caribou	40	Foraging	N/A	1000	158	East	No	Between 600 m and 1000 m	-96.411674	65.291064			Exceeded	Road closed
Road	2021-08-08	2021-08-08 10:07	Caribou	1	Alert	N/A	300	156	East	No		-96.419991	65.271162			Not Exceeded	
Road	2021-08-08	2021-08-08 10:24	Caribou	13	Walking	N	300	155	East	No		-96.436397	65.267031			Not Exceeded	
Road	2021-08-08	2021-08-08 10:40	Caribou	6	Trotting/running	S	25	148	East	No		-96.436399	65.267021			Not Exceeded	
Road	2021-08-08	2021-08-08 10:47	Caribou	9	Foraging	S	500	144	East	Yes		-96.386622	65.225446			Not Exceeded	
Road	2021-08-08	2021-08-08 10:54	Muskox	1	Not Recorded		150	144	East	No	Also 8 canada goose 300 m	-96.386668	65.225467			Not Exceeded	
Road	2021-08-08	2021-08-08 11:03	Caribou	35	Walking	NE	200	141	East	No		-96.327554	65.222586			Exceeded	Road closed
Road	2021-08-08	2021-08-08 11:14	Caribou	4	Foraging	N/A	300	138	East	No		-96.293374	65.222804			Not Exceeded	
Road	2021-08-08	2021-08-08 11:27	Caribou	2	Foraging	N/A	100	136	East	No		-96.219760	65.210579			Not Exceeded	
Road	2021-08-08	2021-08-08 11:31	Caribou	4	Lying Down	N/A	150	133	East	No		-96.184955	65.202560			Not Exceeded	
Road	2021-08-08	2021-08-08 11:52	Caribou	1	Foraging	N/A	50	130	East	No		-96.164703	65.195844			Not Exceeded	
Road	2021-08-08	2021-08-08 12:09	Caribou	4	Foraging	N/A	100	123	East	No		-96.113656	65.150691			Not Exceeded	
Road	2021-08-08	2021-08-08 12:16	Caribou	3	Foraging	N/A	50	124	East	No		-96.110862	65.147586			Not Exceeded	
Incidental	2021-08-08	2021-08-08 15:48	Caribou	1	Alert	N/A		NA			Km130, east, 100m, foraging	-96.157556	65.180859			Not Exceeded	
Incidental	2021-08-08	2021-08-08 16:03	Caribou	1	Foraging	N/A		NA			Km132 quarry east foraging from 300 m at the back	-96.160945	65.185745			Not Exceeded	
Incidental	2021-08-08	2021-08-08 16:21	Caribou	1	Alert	N/A		NA			Km138, 75m, east	-96.260618	65.223913			Not Exceeded	
Incidental	2021-08-08	2021-08-08 16:29	Muskox	1	Foraging	Not Recorded		NA			Esker 140 behind, 100m, east	-96.304885	65.221901			Not Exceeded	
Incidental	2021-08-08	2021-08-08 16:35	Caribou	7	Alert	S		NA			Km142, 50m one group, 150m other gr of 2	-96.335830	65.222168			Not Exceeded	
Incidental	2021-08-08	2021-08-08 16:51	Caribou	11	Walking	SW		NA			150m, east, km148	-96.443984	65.223722			Not Exceeded	
Incidental	2021-08-08	2021-08-08 17:06	Caribou	1	Feeding	N/A		NA			Km157, 50m, west	-96.470163	65.235834			Not Exceeded	
Incidental	2021-08-08	2021-08-08 17:09	Muskox	5	Foraging	N/A		NA			Km158, 30m, west	-96.411368	65.290771			Not Exceeded	
Incidental	2021-08-08	2021-08-08 17:16	Caribou	4	Alert	SE		NA			Km159, 50m, east	-96.412178	65.302488			Not Exceeded	
Incidental	2021-08-09	2021-08-09 8:00	Arctic hare	1	Dead	N/A		142		N/A	Project related mortality	-96.337102	65.222192	No -		Not Exceeded	
Incidental	2021-08-12	2021-08-12 9:33	Caribou	2	Feeding	E	100	125	East	No		-96.107922	65.139082			Not Exceeded	
Incidental	2021-08-12	2021-08-12 10:09	Caribou	1	Walking	NW	50	126	East	No		-96.110836	65.148182			Not Exceeded	
Incidental	2021-08-12	2021-08-12 10:22	Caribou	80	Walking	S	2000	130	East	No		-96.152801	65.178150			Exceeded	More than 1500m from the road
Incidental	2021-08-12	2021-08-12 10:43	Muskox	7	Feeding	N/A	500	136	East	No		-96.227402	65.213075			Not Exceeded	
Incidental	2021-08-12	2021-08-12 10:45	Muskox	1	Feeding	N/A	60	137	East	No		-96.241502	65.219441			Not Exceeded	
Incidental	2021-08-12	2021-08-12 10:56	Caribou	1	Walking	W	0	138	Both	Yes		-96.260183	65.223800			Not Exceeded	
Incidental	2021-08-12	2021-08-12 11:01	Caribou	15	Feeding	N/A	75	139	East	No		-96.279966	65.226857			Not Exceeded	
Incidental	2021-08-12	2021-08-12 11:08	Caribou	4	Feeding		20	140	East	No		-96.298506	65.221968			Not Exceeded	
Incidental	2021-08-12	2021-08-12 11:25	Caribou	6	Feeding	N/A	40	149	Both	No		-96.442640	65.223273			Not Exceeded	
Incidental	2021-08-12	2021-08-12 11:32	Caribou	1	Feeding	W	100	149	West	No		-96.442640	65.223273			Not Exceeded	
Incidental	2021-08-12	2021-08-12 12:15	Caribou	2	Feeding	S	50	175	East	No		-96.602372	65.377259			Not Exceeded	
Incidental	2021-08-14	2021-08-14 14:48	Caribou	1	Walking	E	0	110	East	Yes	K	-96.040653	65.041400			Not Exceeded	
Incidental	2021-08-14	2021-08-14 15:00	Caribou	2	Standing	E	0	110	Both	Yes		-96.040653	65.041400			Not Exceeded	
Road	2021-08-18	2021-08-18 13:04	Muskox	17	Foraging	N/A	10	112	East	No		-96.002169	65.051123			Exceeded	Speed Restriction Applied.
Road	2021-08-18	2021-08-18 13:13	Caribou	1	Walking	S	50	115	East	No		-96.009049	65.071117			Not Exceeded	
Road	2021-08-18	2021-08-18 13:31	Caribou	1	Foraging	N/A	80	124	East	No		-96.108081	65.131545			Not Exceeded	
Road	2021-08-18	2021-08-18 13:38	Caribou	1	Running	E	150	128	East	No		-96.135831	65.161371			Not Exceeded	
Road	2021-08-18	2021-08-18 13:42	Caribou	1	Standing	N/A	70	129	East	No		-96.145931	65.169019			Not Exceeded	
Road	2021-08-18	2021-08-18 14:56	Caribou	6	Alert	N/A	0	135	Both	No		-96.208006	65.208904			Not Exceeded	
Road	2021-08-18	2021-08-18 15:02	Caribou	1	Foraging	N/A	175	139	East	No		-96.279966	65.226857			Not Exceeded	
Road	2021-08-19	2021-08-19 8:55	Muskox	14	Standing	N/A	150	164	West	No		-96.447216	65.322562			Exceeded	Speed Restriction Applied.
Road	2021-08-19	2021-08-19 9:40	Caribou	3	Foraging	N	50	136	East	No		-96.227402	65.213075			Not Exceeded	
Road	2021-08-19	2021-08-19 9:45	Muskox	10	Feeding	N/A	20	135	West	No		-96.208006	65.208904			Not Exceeded	
Road	2021-08-19	2021-08-19 9:51	Caribou	9	Feeding	N/A	3000	133	East	No		-96.175379	65.199246			Not Exceeded	
Road	2021-08-19	2021-08-19 10:05	Caribou	5	Feeding	N/A	300	128	Both	N/A		-96.135831	65.161371			Not Exceeded	
Road	2021-08-19	2021-08-19 10:10	Caribou	3	Feeding	N/A	700	126	East	No		-96.110836	65.148182			Not Exceeded	
Road	2021-08-19	2021-08-19 10:17	Caribou	2	Feeding	N/A	500	125	East	No		-96.107922	65.139082			Not Exceeded	
Road	2021-08-19	2021-08-19 10:26	Caribou	2	Feeding	N/A	800	123	East	No		-96.104411	65.122168			Not Exceeded	
Incidental	2021-08-19	2021-08-19 13:31	Caribou	1	Feeding	N/A	100	120	West	No		-96.072801	65.100208			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-08-19	2021-08-19 13:44	Caribou	1	Feeding	N/A	200	125	West	No		-96.107922	65.139082			Not Exceeded	
Incidental	2021-08-19	2021-08-19 13:46	Arctic hare	1	Alert	N/A	50	126	West	No		-96.110836	65.148182			Not Exceeded	
Incidental	2021-08-19	2021-08-19 13:56	Siskik	1	Running	E	0	128	Both	Yes		-96.135831	65.161371			Not Exceeded	
Incidental	2021-08-19	2021-08-19 14:07	Caribou	1	Alert	W	0	132		Yes		-96.164568	65.194003			Not Exceeded	
Incidental	2021-08-19	2021-08-19 14:43	Siskik	1	Running	E	0	145		Yes		-96.376896	65.224218			Not Exceeded	
Incidental	2021-08-19	2021-08-19 15:03	Caribou	1	Alert	N/A	50	150	West	No		-96.450078	65.230216			Not Exceeded	
Incidental	2021-08-19	2021-08-19 15:29	Siskik	1	Dead	N/A	0	159		Yes	Project related mortality	-96.408856	65.286013			Not Exceeded	
Incidental	2021-08-23	2021-08-23 23:55	Wolf	1	Injured	NW		166	West	Yes	*Call for an injured wolf 2021-08-23 at midnight KM 166, to our understanding, it needed to be dismissed because it was badly injured but I went there with security and the wolf that was initially close to the road had moved further and we couldn't see it. The long haul had stopped all traffic for 30 minutes and we resumed operations. There was no other call after. The wolf was described to be limping pretty bad, possible broken leg and blood was observed on the hip. He walked on the road in front of a long haul truck for a good distance before going in the tundra, KM 166 West, the animal seemed to be an adult, white with a bit of grey/darker color on the back. Nobody reported any impact of vehicle with the animal	-96.488193	65.325287			Not Exceeded	
Road	2021-08-25	2021-08-25 9:29	Caribou	1	Standing	S	20	174	West	No		-96.601277	65.368315			Not Exceeded	
Road	2021-08-25	2021-08-25 9:33	Caribou	4	Feeding	N/A	10	172	West	No		-96.586673	65.355041			Not Exceeded	
Road	2021-08-25	2021-08-25 9:36	Caribou	2	Standing	S	50	169	West	No		-96.537025	65.340029			Not Exceeded	
Road	2021-08-25	2021-08-25 9:46	Ptarmigan	5	Walking	N/A	10	161	East	No		-96.412072	65.303240			Not Exceeded	
Road	2021-08-25	2021-08-25 9:47	Caribou	2	Walking	N	50	160	Both	No		-96.413563	65.294293			Not Exceeded	
Road	2021-08-25	2021-08-25 9:50	Muskox	11	Standing	N/A	50	158	West	No		-96.404713	65.277758			Not Exceeded	
Road	2021-08-25	2021-08-25 9:55	Caribou	1	Trotting/running	N	300	155	East	No		-96.434173	65.267612			Not Exceeded	
Road	2021-08-25	2021-08-25 9:59	Caribou	2	Walking	E	50	153	East	No		-96.476257	65.248229			Not Exceeded	
Road	2021-08-25	2021-08-25 10:08	Canada goose	8	Nesting	N/A	35	146	West	No		-96.398011	65.226268			Not Exceeded	
Road	2021-08-25	2021-08-25 10:09	Caribou	1	Alert	S	20	146	West	No		-96.398011	65.226268			Not Exceeded	
Road	2021-08-25	2021-08-25 10:09	Caribou	4	Walking	N/A	70	143	East	No		-96.357965	65.223666			Not Exceeded	
Road	2021-08-25	2021-08-25 10:27	Caribou	1	Walking	N	300	133	East	No		-96.175379	65.199246			Not Exceeded	
Road	2021-08-25	2021-08-25 10:29	Caribou	2	Feeding	N/A	60	132	West	No		-96.164568	65.194003			Not Exceeded	
Road	2021-08-25	2021-08-25 10:30	Siskik	1	Trotting/running	S	0	132	Both	Yes		-96.164568	65.194003			Not Exceeded	
Road	2021-08-25	2021-08-25 10:33	Caribou	1	Standing	N/A	110	130	West	No		-96.152801	65.178150			Not Exceeded	
Road	2021-08-25	2021-08-25 10:38	Caribou	3	Resting	E	60	125	Both	No		-96.107922	65.139082			Not Exceeded	
Road	2021-08-25	2021-08-25 10:44	Caribou	1	Resting	N/A	70	120	East	No		-96.072801	65.100208			Not Exceeded	
Road	2021-08-25	2021-08-25 10:46	Caribou	1	Walking	N	50	120	East	No		-96.072801	65.100208			Not Exceeded	
Road	2021-08-25	2021-08-25 10:48	Canada goose	5	Standing	N/A	55	120	East	No		-96.072801	65.100208			Not Exceeded	
Road	2021-08-25	2021-08-25 10:50	Caribou	2	Standing	N/A	70	119	East	No		-96.064764	65.093211			Not Exceeded	
Road	2021-08-25	2021-08-25 10:58	Muskox	4	Standing	N/A	70	113	West	No		-95.993271	65.058803			Not Exceeded	
Road	2021-08-25	2021-08-25 10:59	Caribou	1	Resting	N/A	60	113	West	No		-95.993271	65.058803			Not Exceeded	
Road	2021-08-25	2021-08-25 11:01	Caribou	1	Walking	N	80	112	West	No		-96.002169	65.051123			Not Exceeded	
Road	2021-08-25	2021-08-25 11:02	Caribou	4	Feeding	N/A	75	112	East	No		-96.002169	65.051123			Not Exceeded	
Incidental	2021-08-27	2021-08-27 14:00	Caribou	1	Lying Down	N/A	0	142	Both	No	Used the pick up to make him move out of the road	-96.337102	65.222192			Not Exceeded	
Road	2021-08-28	2021-08-28 7:52	Caribou	3	Foraging	N/A	400	171	West	No		-96.523360	65.333175			Not Exceeded	
Road	2021-08-28	2021-08-28 7:53	Caribou	11	Foraging	N/A	250	179	West	No		-96.529640	65.336144			Not Exceeded	
Road	2021-08-28	2021-08-28 8:12	Caribou	1	Resting	N/A	75	153	West	N/A		-96.504796	65.328088			Not Exceeded	
Road	2021-08-28	2021-08-28 8:19	Caribou	3	Foraging	N/A	150	148	West	N/A		-96.480041	65.247506			Not Exceeded	
Road	2021-09-01	2021-09-01 16:17	Caribou	2	Walking	S	250	176	West	No		-96.613124	65.397142			Not Exceeded	
Road	2021-09-01	2021-09-01 16:20	Caribou	1	Lying Down	N/A	80	175	West	No		-96.602316	65.382317			Not Exceeded	
Road	2021-09-01	2021-09-01 16:21	Caribou	1	Feeding	N/A	150	175	East	No		-96.602332	65.376521			Not Exceeded	
Road	2021-09-01	2021-09-01 16:23	Caribou	1	Feeding	N/A	60	175	East	No		-96.601481	65.367859			Not Exceeded	
Road	2021-09-01	2021-09-01 16:26	Greater white-fronted goose	34	Feeding	N/A	300	171	West	No		-96.587955	65.355274			Not Exceeded	
Road	2021-09-01	2021-09-01 16:29	Canada goose	4	Feeding	N/A	70	171	West	No		-96.584142	65.354612			Not Exceeded	
Road	2021-09-01	2021-09-01 16:37	Greater white-fronted goose	1	Feeding	N/A	120	168	East	No		-96.527266	65.335119			Not Exceeded	
Road	2021-09-01	2021-09-01 16:38	Muskox	1	Feeding	N	60	167	West	No		-96.525062	65.333959			Not Exceeded	
Road	2021-09-01	2021-09-01 16:43	Muskox	21	Feeding	N/A	450	164	West	No		-96.475904	65.324212			Exceeded	Speed Restriction Applied.
Road	2021-09-01	2021-09-01 16:48	Greater white-fronted goose	56	Nesting	N/A	80	161	East	No		-96.436630	65.318409			Not Exceeded	
Road	2021-09-01	2021-09-01 16:55	Greater white-fronted goose	10	Standing	N/A	1000	158	West	No		-96.412530	65.298173			Not Exceeded	
Road	2021-09-01	2021-09-01 16:57	Greater white-fronted goose	6	Nesting	N/A	45	155	West	No		-96.425705	65.270273			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-09-01	2021-09-01 17:06	Greater white-fronted goose	36	Feeding	NE	1000	152	West	No		-96.475375	65.240680			Not Exceeded	
Road	2021-09-01	2021-09-01 17:10	Canada goose	23	Flying	NE	3	149	East	No		-96.450046	65.228129			Not Exceeded	
Road	2021-09-01	2021-09-01 17:21	Caribou	1	Walking	N	50	145	West	No		-96.402507	65.226409			Not Exceeded	
Road	2021-09-01	2021-09-01 17:29	Caribou	11	Alert	S	60	139	West	No		-96.287057	65.224748			Not Exceeded	
Road	2021-09-01	2021-09-01 17:33	Greater white-fronted goose	25	Flying	S	80	137	East	No		-96.237540	65.218185			Not Exceeded	
Road	2021-09-01	2021-09-01 17:36	Caribou	2	Feeding	S	90	134	West	No		-96.201622	65.206639			Not Exceeded	
Road	2021-09-01	2021-09-01 17:42	Caribou	2	Running	E	20	130	West	No		-96.164612	65.196520			Not Exceeded	
Road	2021-09-01	2021-09-01 17:44	Caribou	3	Alert	E	70	129	West	No		-96.131330	65.158306			Not Exceeded	
Road	2021-09-01	2021-09-01 17:50	Greater white-fronted goose	115	Feeding	S	700	124	West	No		-96.108200	65.132048			Not Exceeded	
Road	2021-09-01	2021-09-01 17:58	Caribou	5	Feeding	W	70	119	West	No		-96.058468	65.088911			Not Exceeded	
Road	2021-09-01	2021-09-01 18:04	Greater white-fronted goose	255	Feeding	N/A	90	115	East	No		-96.027082	65.082355			Not Exceeded	
Road	2021-09-01	2021-09-01 18:15	Greater white-fronted goose	97	Feeding	S	20	109	East	No		-96.007204	65.070158			Not Exceeded	
Incidental	2021-09-04	2021-09-04 14:00	Caribou	1	Walking	W	0	126	East	Yes		-96.110836	65.148182			Not Exceeded	
Incidental	2021-09-04	2021-09-04 14:00	Caribou	1	Feeding	Not Recorded	100	110	East	No		-96.023325	65.048152			Not Exceeded	
Incidental	2021-09-04	2021-09-04 14:00	Caribou	1	Feeding	Not Recorded	100	136	West	No		-96.227402	65.213075			Not Exceeded	
Incidental	2021-09-04	2021-09-04 14:00	Caribou	1	Feeding	Not Recorded	100	163	West	No		-96.430401	65.317408			Not Exceeded	
Incidental	2021-09-04	2021-09-04 14:00	Caribou	1	Feeding	N/A	20	176	East	No		-96.603791	65.386220			Not Exceeded	
Road	2021-09-08	2021-09-08 8:50	Caribou	3	Feeding	N/A	350	110	East	No		-96.040653	65.041400			Not Exceeded	
Road	2021-09-08	2021-09-08 8:56	Caribou	3	Feeding	N/A	150	112	Both	No		-96.002169	65.051123			Not Exceeded	
Road	2021-09-08	2021-09-08 9:01	Snow goose	14	Walking	N/A	10	113	Both	No		-95.993271	65.058803			Not Exceeded	
Road	2021-09-08	2021-09-08 9:16	Caribou	8	Feeding	NE	300	120	East	No		-96.066832	65.096768			Not Exceeded	
Road	2021-09-08	2021-09-08 9:24	Muskox	2	Walking	NW	20	123	West	No		-96.104411	65.122168			Not Exceeded	
Road	2021-09-08	2021-09-08 9:28	Caribou	3	Feeding	NW	400	124	West	No		-96.108081	65.131545			Not Exceeded	
Road	2021-09-08	2021-09-08 9:32	Muskox	1	Feeding	NW	550	126	West	No		-96.110836	65.148182			Not Exceeded	
Road	2021-09-08	2021-09-08 9:36	Caribou	4	Feeding	W	200	128	West	No		-96.135831	65.161371			Not Exceeded	
Road	2021-09-08	2021-09-08 9:39	Sandhill crane	3	Feeding	N/A	20	129	West	No		-96.145931	65.169019			Not Exceeded	
Road	2021-09-08	2021-09-08 9:42	Caribou	2	Alert	NE	40	132	East	No		-96.164568	65.194003			Not Exceeded	
Road	2021-09-08	2021-09-08 10:23	Muskox	8	Resting	N/A	50	141	East	No		-96.318092	65.223683			Not Exceeded	
Road	2021-09-08	2021-09-08 10:39	Caribou	2	Feeding	N/A	50	146	West	No		-96.398011	65.226268			Not Exceeded	
Road	2021-09-08	2021-09-08 10:59	Muskox	1	Alert	N/A	20	158	East	No		-96.404713	65.277758			Not Exceeded	
Road	2021-09-08	2021-09-08 11:00	Caribou	9	Walking	N	0	159	Both	Yes		-96.408856	65.286013			Not Exceeded	
Road	2021-09-08	2021-09-08 11:09	Caribou	3	Feeding	N	1	160	West	No		-96.413563	65.294293			Not Exceeded	
Road	2021-09-08	2021-09-08 11:25	Muskox	1	Resting	N/A	150	169	East	No		-96.537025	65.340029			Not Exceeded	
Road	2021-09-08	2021-09-08 11:37	Caribou	4	Feeding	N/A	150	172	East	No		-96.586673	65.355041			Not Exceeded	
Road	2021-09-08	2021-09-08 11:43	Caribou	1	Feeding	NW	50	173	West	No		-96.602973	65.359721			Not Exceeded	
Incidental	2021-09-08	2021-09-08 11:44	Snow goose	60	Walking	N/A	50	174	Both	No		-96.601277	65.368315			Not Exceeded	
Incidental	2021-09-08	2021-09-08 14:15	Wolf	1	Walking	N		173		Yes		-96.602973	65.359721			Not Exceeded	
Road	2021-09-10	NA	NA	NA				NA				NA	NA				
Road	2021-09-17	2021-09-17 8:41	Arctic fox	1	Standing	N/A	20	176	West	No		-96.666754	65.401546			Not Exceeded	
Road	2021-09-17	2021-09-17 8:44	Caribou	4	Walking	N	100	176	West	No		-96.612015	65.395925			Not Exceeded	
Road	2021-09-17	2021-09-17 8:59	Caribou	4	Walking	NE	350	169	East	No		-96.612033	65.395927			Not Exceeded	
Road	2021-09-17	2021-09-17 9:10	Caribou	8	Feeding	N/A	400	165	East	No		-96.546275	65.343540			Not Exceeded	
Road	2021-09-17	2021-09-17 9:22	Muskox	1	Feeding	N/A	175	159	West	No		-96.475348	65.324073			Not Exceeded	
Road	2021-09-17	2021-09-17 9:26	Caribou	2	Feeding	N/A	50	159	West	No		-96.413543	65.294780			Not Exceeded	
Road	2021-09-17	2021-09-17 9:56	Muskox	14	Feeding	N/A	40	147	West	No		-96.437777	65.220009			Exceeded	Speed Restriction Applied.
Road	2021-09-17	2021-09-17 10:16	Caribou	2	Standing	N/A	50	142	West	No		-96.427154	65.220551			Not Exceeded	
Road	2021-09-17	2021-09-17 10:28	Caribou	1	Resting	N/A	200	136	West	No		-96.323000	65.223421			Not Exceeded	
Road	2021-09-17	2021-09-17 10:35	Caribou	2	Feeding	N/A	250	135	East	No		-96.224836	65.212151			Not Exceeded	
Road	2021-09-17	2021-09-17 10:54	Caribou	2	Feeding	N/A	50	127	East	No		-96.211533	65.209565			Not Exceeded	
Road	2021-09-17	2021-09-17 11:07	Caribou	3	Feeding	N/A	500	124	West	No		-96.108030	65.130957			Not Exceeded	
Road	2021-09-17	2021-09-17 11:14	Caribou	1	Walking	NE	375	123	East	No		-96.102553	65.119682			Not Exceeded	
Road	2021-09-17	2021-09-17 11:33	Caribou	5	Feeding	N/A	750	116	West	No		-96.102577	65.119687			Not Exceeded	
Road	2021-09-17	2021-09-17 11:41	Caribou	2	Resting	N/A	200	113	East	No		-96.020852	65.078069			Not Exceeded	
Road	2021-09-18	2021-09-18 12:58	Caribou	2	Feeding	N/A	200	110	East	No		-96.064689	65.017284			Not Exceeded	
Road	2021-09-18	2021-09-18 13:01	Caribou	5	Walking	NW	0	112	Both	Yes		-96.010064	65.050245			Not Exceeded	
Road	2021-09-18	2021-09-18 13:07	Muskox	18	Lying Down	N/A	75	113	East	No		-95.993646	65.057534			Exceeded	Speed Restriction Applied.
Road	2021-09-18	2021-09-18 13:15	Caribou	2	Walking	NE	0	116	Both	Deflection	LHT coming from North (deflection)	-95.992933	65.058621			Not Exceeded	
Road	2021-09-18	2021-09-18 14:02	Caribou	7	Feeding	SW	25	125	West	No		-96.107290	65.139529			Not Exceeded	
Road	2021-09-18	2021-09-18 14:07	Caribou	10	Feeding	SE	0	126	Both	Yes		-96.107258	65.139516			Not Exceeded	
Road	2021-09-18	2021-09-18 14:34	Caribou	8	Feeding	NW	150	131	East	No		-96.110517	65.147121			Not Exceeded	
Road	2021-09-18	2021-09-18 14:38	Caribou	10	Lying Down	N/A	200	131	West	No		-96.150467	65.176170			Not Exceeded	
Road	2021-09-18	2021-09-18 14:43	Caribou	4	Alert	N/A	25	133	West	No		-96.162129	65.187238			Not Exceeded	
Road	2021-09-18	2021-09-18 14:59	Caribou	3	Feeding	E	160	135	East	No		-96.179992	65.199605			Not Exceeded	
Road	2021-09-18	2021-09-18 15:20	Caribou	1	Feeding	N/A	20	141	East	No		-96.264150	65.224815			Not Exceeded	
Road	2021-09-18	2021-09-18 16:09	Muskox	1	Lying Down	N/A	150	156	West	No		-96.413821	65.271386			Not Exceeded	
Road	2021-09-20	2021-09-20 13:39	Caribou	7	Feeding	S	800	174	East	No		-96.666282	65.401533			Not Exceeded	
Road	2021-09-20	2021-09-20 14:01	Caribou	3	Resting	N/A	800	169	East	No		-96.556164	65.348854			Not Exceeded	
Road	2021-09-20	2021-09-20 14:22	Caribou	4	Feeding	NE	900	161	East	No		-96.541615	65.342051			Not Exceeded	
Road	2021-09-20	2021-09-20 14:26	Caribou	6	Alert	N	2	159	Both	Yes		-96.412562	65.298381			Not Exceeded	
Road	2021-09-20	2021-09-20 14:50	Muskox	2	Resting	E	400	153	West	No		-96.410185	65.288918			Not Exceeded	
Road	2021-09-20	2021-09-20 14:55	Caribou	1	Feeding	E	3	149	East	No		-96.466841	65.235442			Not Exceeded	
Road	2021-09-20	2021-09-20 15:03	Caribou	2	Feeding	S	5	149	West	No		-96.439295	65.221399			Not Exceeded	
Road	2021-09-20	2021-09-20 15:08	Caribou	2	Resting	N/A	150	144	East	No		-96.377572	65.224365			Not Exceeded	
Road	2021-09-20	2021-09-20 15:14	Caribou	2	Running	S	150	138	West	No		-96.295195	65.222360			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-09-20	2021-09-20 15:23	Caribou	20	Running	S	200	133	West	No		-96.220452	65.210857			Not Exceeded	
Road	2021-09-20	2021-09-20 15:57	Caribou	2	Feeding	N	120	130	East	No		-96.153503	65.178608			Not Exceeded	
Road	2021-09-20	2021-09-20 16:00	Caribou	3	Resting	N/A	100	129	West	No		-96.145812	65.168491			Not Exceeded	
Road	2021-09-20	2021-09-20 16:18	Muskox	7	Resting	N/A	400	118	East	No		-96.119451	65.151705			Not Exceeded	
Road	2021-09-20	2021-09-20 16:22	Caribou	2	Feeding	N	30	118	West	No		-96.047618	65.082621			Not Exceeded	
Road	2021-09-20	2021-09-20 16:28	Caribou	5	Walking	S	1	115	Both	Yes		-96.036122	65.083469			Not Exceeded	
Road	2021-09-21	2021-09-21 9:31	Muskox	14	Resting	N/A	600	110	West	No		-96.043530	65.039372			Exceeded	Speed Restriction Applied.
Road	2021-09-22	2021-09-22 12:22	Caribou	5	Walking	SE	130	133	West	No		-96.166869	65.196048			Not Exceeded	
Road	2021-09-22	2021-09-22 12:26	Caribou	6	Feeding	N	100	140	East	No		-96.166869	65.196048			Not Exceeded	
Road	2021-09-22	2021-09-22 12:28	Caribou	6	Feeding	N/A	100	141	East	No		-96.166869	65.196048			Not Exceeded	
Road	2021-09-22	2021-09-22 12:45	Muskox	1	Feeding	S	190	154	West	No		-96.166869	65.196048			Not Exceeded	
Road	2021-09-22	2021-09-22 12:56	Caribou	6	Feeding	S	800	160	East	No		-96.413563	65.294293			Not Exceeded	
Road	2021-09-22	2021-09-22 13:07	Muskox	1	Feeding	S	5	168	East	No		-96.524047	65.333518			Not Exceeded	
Road	2021-09-22	2021-09-22 15:57	Caribou	3	Feeding	N	20	134	West	No		-96.192861	65.204805			Not Exceeded	
Road	2021-09-22	2021-09-22 16:24	Muskox	1	Feeding	SE	250	120	West	No		-96.072801	65.100208			Not Exceeded	
Road	2021-09-23	2021-09-23 13:26	Caribou	2	Feeding	N/A	60	167	West	No		-96.666316	65.401521			Not Exceeded	
Road	2021-09-23	2021-09-23 13:29	Caribou	10	Feeding	S	900	165	West	No		-96.666316	65.401521			Not Exceeded	
Road	2021-09-23	2021-09-23 13:37	Caribou	6	Feeding	S	900	159	West	No		-96.408856	65.286013			Not Exceeded	
Road	2021-09-23	2021-09-23 13:49	Muskox	2	Feeding	N/A	800	153	West	No		-96.476257	65.248229			Not Exceeded	
Road	2021-09-23	2021-09-23 13:51	Caribou	2	Walking	S	70	152	West	No		-96.476171	65.241762			Not Exceeded	
Road	2021-09-23	2021-09-23 14:27	Caribou	6	Feeding	N/A	890	134	West	No		-96.192861	65.204805			Not Exceeded	
Road	2021-09-23	2021-09-23 14:58	Caribou	11	Feeding	S	350	129	West	No		-96.166474	65.196004			Not Exceeded	
Road	2021-09-23	2021-09-23 15:19	Caribou	3	Feeding	N/A	40	114	East	No		-96.166474	65.196004			Not Exceeded	
Road	2021-09-23	2021-09-23 15:21	Caribou	10	Feeding	N/A	300	113	West	No		-96.166474	65.196004			Not Exceeded	
Road	2021-09-24	2021-09-24 13:43	Caribou	4	Feeding	N/A	200	111	West	No		-96.024021	65.048147		Yes - Hanging around for couple days	Not Exceeded	
Road	2021-09-24	2021-09-24 13:49	Caribou	1	Feeding	S	500	113	East	No		-95.993271	65.058803		Yes - Been hanging around vault for couple days, a week	Not Exceeded	
Road	2021-09-25	2021-09-25 9:35	Caribou	2	Walking	S	250	149	West	No		-96.453280	65.231693			Not Exceeded	
Road	2021-09-25	2021-09-25 11:09	Caribou	2	Feeding	S	40	160	West	No		-96.404003	65.276837			Not Exceeded	
Incidental	2021-09-28	2021-09-28 9:23	Caribou	138	Foraging	N/A	300	178	West	No		-96.621905	65.400857		No -	Exceeded	Speed restriction (30km/h) put in place between km175 and 179.
Incidental	2021-09-28	2021-09-28 9:38	Caribou	10	Foraging	N/A	300	171	West	No		-96.568603	65.351995		No -	Not Exceeded	
Incidental	2021-09-28	2021-09-28 9:45	Caribou	1	Foraging	N/A	850	169	West	No		-96.537025	65.340029		No -	Not Exceeded	
Blast	2021-09-28	2021-09-28 11:51	Caribou	138	Foraging	N/A	700	177	No	No		-96.733575	65.395244				
Road	2021-09-28	2021-09-28 15:08	Caribou	8	Foraging	N/A	300	178	West	No		-96.621905	65.400857		No -	Not Exceeded	
Road	2021-09-28	2021-09-28 15:25	Muskox	1	Resting	N/A	50	168	West	No		-96.524047	65.333518		No -	Not Exceeded	
Road	2021-09-28	2021-09-28 15:34	Muskox	2	Foraging	N/A	50	163	East	No		-96.430401	65.317408		No -	Not Exceeded	
Road	2021-09-28	2021-09-28 15:57	Caribou	6	Foraging	N/A	50	149	Both	Yes		-96.442640	65.223273		No -	Not Exceeded	
Road	2021-09-29	2021-09-29 7:44	Caribou	3	Foraging	N/A	50	175	West	No		-96.602372	65.377259		No -	Not Exceeded	
Road	2021-09-29	2021-09-29 7:57	Muskox	1	Foraging	N/A	50	168	West	No		-96.524047	65.333518		No -	Not Exceeded	
Road	2021-09-29	2021-09-29 8:04	Muskox	2	Foraging	N/A	100	165	East	No		-96.467823	65.323887		No -	Not Exceeded	
Road	2021-09-29	2021-09-29 8:11	Caribou	3	Foraging	N/A	25	160	West	No		-96.413563	65.294293		No -	Not Exceeded	
Road	2021-09-29	2021-09-29 8:29	Caribou	3	Resting	N/A	400	148	West	No		-96.427439	65.220477		No -	Not Exceeded	
Incidental	2021-09-29	2021-09-29 14:00	Caribou	1	Dead		450	175			Non-project related - The environment department was notified of the presence of 8 wolves near the WTHR at km 177. An Agnico Eagle Environment Technician was sent to the area for assessment. Upon arrival, the employee observed and confirmed the presence of the 8 wolves and all traffic was stopped. The animals travelled south parallel to the road down to KM 175. One caribou was sighted in the area by the predators. The wolves started to track the caribou who ran west side of the road. A wolf started to chase and managed to reach the caribou about 450m from the road. Afterwards, the rest of the wolves regrouped around the caribou. For safety reason, the environment department was not able to assess the carcass due to the low visibility (fog condition) in the area in the past 36 hours.	-96.602970	65.383404			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-09-29	2021-09-29 14:19	Wolf	8	Walking	SE	0	175	West,East	Yes	Traffic was stopped until the wolves cross. They then lie down in the tundra. They were monitored as the LHT passed them slowly. They went slowly away from the road before laying down again	-96.602372	65.377259		No -	Not Exceeded	
Incidental	2021-09-29	2021-09-29 14:19	Caribou	2	Trotting/running	N	25	175	West	No	Wolves nearby them but no chase	-96.602372	65.377259		No -	Not Exceeded	
Incidental	2021-09-29	2021-09-29 14:56	Wolf	8	Running	W	25	175	West	Yes		-96.602372	65.377259		No -	Not Exceeded	
Incidental	2021-09-30	2021-09-30 11:00	Caribou	1	Injured	N/A	500	174	West	No	Environment received a call at around 11:00 from a grater operator. The operator was under the impression that an injured caribou was located at km 174 near the lake at about 500m from the road. Upon inspection by an environmental employee, no caribou was found.	-96.601277	65.368315		No -	Not Exceeded	
Road	2021-10-01	2021-10-01 14:10	Caribou	12	Resting	N/A	350	148	West	No		-96.427439	65.220477		No -	Not Exceeded	
Incidental	2021-10-04	2021-10-04 14:00	Caribou	1	Foraging	N/A		117			/ No wildlife deterrents were used during this intervention. The environmental coordinator communicated by phone the situation in detail with the Government of Nunavut Wildlife Officer.	-96.039417	65.083700			Not Exceeded	Monitored the area
Incidental	2021-10-05	2021-10-05 15:20	Grizzly bear	3	Walking	S	100	117	East	No	Walking trail closed. Communication sent out. Monitored the area but no sightseeing.	-96.039417	65.083700	No -		Not Exceeded	
Road	2021-10-06	2021-10-06 8:49	Caribou	7	Alert	E	100	134	East	No		-96.192861	65.204805		No -	Not Exceeded	
Road	2021-10-06	2021-10-06 10:22	Muskox	25	Feeding	N	200	171	West	No		-96.568603	65.351995		No -	Exceeded	Speed Restriction Applied.
Road	2021-10-06	2021-10-06 10:40	Caribou	7	Resting	N/A	300	177	West	No		-96.608471	65.394344		No -	Not Exceeded	
Road	2021-10-15	2021-10-15 8:50	Muskox	1	Feeding	N/A	100	121	East	No		-96.086379	65.107120		No -	Not Exceeded	
Incidental	2021-10-15	2021-10-15 15:32	Caribou	5	Trotting/running	E	100	139	East	No		-96.279966	65.226857		No -	Not Exceeded	
Road	2021-10-17	2021-10-17 10:13	Muskox	5	Foraging	N/A	100	121	West	No		-96.086379	65.107120		No -	Not Exceeded	
Road	2021-10-17	2021-10-17 11:08	Muskox	12	Foraging	N/A	75	159	East	No		-96.408856	65.286013		No -	Not Exceeded	
Road	2021-10-17	2021-10-17 11:24	Caribou	2	Walking	E	200	168	East	No		-96.524047	65.333518		No -	Not Exceeded	
Incidental	2021-10-18	2021-10-18 9:00	Wolf	8	Walking	Not Recorded	0	158	West,East	Yes		-96.404713	65.277758		No -	Not Exceeded	
Road	2021-10-20	2021-10-20 13:46	Caribou	15	Foraging	N/A	400	1170	West	No		-96.571544	65.352542		No -	Not Exceeded	
Road	2021-10-20	2021-10-20 14:04	Muskox	11	Lying Down	N/A	1000	159	East	No		-96.408856	65.286013		No -	Not Exceeded	
Road	2021-10-20	2021-10-20 14:29	Muskox	1	Foraging	N/A	150	140	East	No		-96.298506	65.221968		No -	Not Exceeded	
Incidental	2021-10-20	2021-10-20 16:09	Caribou	1	Lying Down	N/A	300	130	West	No		-96.152801	65.178150		No -	Not Exceeded	
Road	2021-10-21	2021-10-21 9:27	Ptarmigan	15	Foraging	N/A	25	152	East	No		-96.476171	65.241762		No -	Not Exceeded	
Road	2021-10-21	2021-10-21 9:46	Muskox	1	Foraging	N/A	100	140	East	No		-96.298506	65.221968		No -	Not Exceeded	
Road	2021-10-21	2021-10-21 10:16	Muskox	3	Foraging	N/A	15	121	West	No		-96.086379	65.107120		No -	Not Exceeded	
Road	2021-10-23	2021-10-23 9:21	Muskox	1	Foraging	N/A	150	140	East	No		-96.298506	65.221968		No -	Not Exceeded	
Incidental	2021-10-23	2021-10-23 18:00	Caribou	80	Walking	SE	100	169	East	No		-96.537025	65.340029		No -	Not Exceeded	
Road	2021-10-24	2021-10-24 14:34	Muskox	1	Resting	N/A	300	140	East	No		-96.298506	65.221968		Yes - Saw one muskox at the same place on October 23rd and on October 21st.	Not Exceeded	
Road	2021-10-24	2021-10-24 14:57	Caribou	7	Foraging	N/A	350	139	East	N/A		-96.279966	65.226857		No -	Not Exceeded	
Road	2021-10-24	2021-10-24 15:42	Caribou	1	Walking	N/A	200	169	East	No		-96.537025	65.340029		No -	Not Exceeded	
Road	2021-10-24	2021-10-24 15:53	Caribou	1	Walking	E	75	178	East	Yes		-96.621905	65.400857		No -	Not Exceeded	
Road	2021-10-25	2021-10-25 11:32	Muskox	1	Walking	N	100	140	East	No		-96.298506	65.221968		Yes - Same one as the 2 last days (October 21 and 24th)	Not Exceeded	
Road	2021-10-25	2021-10-25 12:00	Muskox	4	Foraging	N/A	100	120	West	No		-96.072801	65.100208		No -	Not Exceeded	
Road	2021-10-25	2021-10-25 12:16	Caribou	1	Trotting/running	N/A	150	112	East	Deflection		-96.002169	65.051123		No -	Not Exceeded	
Road	2021-10-26	NA	NA					NA				NA	NA				
Road	2021-10-27	NA	NA					NA				NA	NA				
Road	2021-10-28	NA	NA					NA				NA	NA				
Incidental	2021-10-30	2021-10-30 10:30	Arctic hare	1	Dead	N/A	0	146		N/A	Project related mortality	-96.398011	65.226268		No -	Not Exceeded	
Incidental	2021-10-30	2021-10-30 12:00	Arctic hare	1	Dead	Not Recorded	0	117		Yes	Project related mortality	-96.039417	65.083700		No -	Not Exceeded	
Incidental	2021-10-30	2021-10-30 12:00	Arctic hare	1	Dead	Not Recorded	0	115		Yes	Project related mortality	-96.009049	65.071117		No -	Not Exceeded	
Road	2021-10-31	2021-10-31 10:39	Arctic hare	1	Walking	W	0	143	Both	Yes		-96.357965	65.223666		No -	Not Exceeded	
Road	2021-10-31	2021-10-31 11:27	Ptarmigan	5	Flying	W	50	121	West	N/A		-96.086379	65.107120		No -	Not Exceeded	
Incidental	2021-11-01	2021-11-01 13:00	Arctic hare	1	Dead		0	139		Yes	Project related mortality	-96.279966	65.226857		No -	Not Exceeded	
Road	2021-11-03	2021-11-03 10:19	Muskox	6	Feeding	N/A	15	121	Both	N/A	4 west side, 2 east side	-96.086379	65.107120		No -	Not Exceeded	
Road	2021-11-03	2021-11-03 11:14	Arctic fox	1	Walking	W	2	145	West	No		-96.376896	65.224218		No -	Not Exceeded	
Incidental	2021-11-03	2021-11-03 14:59	Caribou	11	Feeding	N/A	150	149	East	No		-96.442640	65.223273		No -	Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-11-03	2021-11-03 16:34	Caribou	6	Running	E	200	129	West	Yes		-96.145931	65.169019		No -	Not Exceeded	
Incidental	2021-11-03	2021-11-03 16:48	Caribou	11	Walking	S	1000	126	East	No		-96.110836	65.148182		No -	Not Exceeded	
Road	2021-11-04	2021-11-04 13:54	Caribou	28	Walking	S	300	142	East	No		-96.337102	65.222192		No -	Not Exceeded	
Road	2021-11-04	2021-11-04 14:25	Caribou	1	Lying Down	N/A	150	157	East	No		-96.415837	65.271231		No -	Not Exceeded	
Road	2021-11-05	2021-11-05 11:44	Caribou	75	Feeding	N/A	4000	167	East	No		-96.506099	65.328371		No -	Not Exceeded	
Road	2021-11-06	2021-11-06 10:10	Muskox	4	Feeding	N/A	1500	169	East	No		-96.537025	65.340029		No -	Not Exceeded	
Road	2021-11-06	2021-11-06 10:48	Muskox	12	Feeding	N/A	50	151	West	No		-96.466221	65.234469		No -	Not Exceeded	
Road	2021-11-07	2021-11-07 10:19	Arctic fox	1	Walking	W	5	140	West	Yes		-96.298506	65.221968		No -	Not Exceeded	
Road	2021-11-07	2021-11-07 11:05	Muskox	11	Resting	N/A	1000	159	East	No		-96.408856	65.286013		No -	Not Exceeded	
Road	2021-11-08	2021-11-08 13:46	Muskox	13	Walking	NE	1000	159	East	No		-96.408856	65.286013		No -	Not Exceeded	
Road	2021-11-08	2021-11-08 13:56	Muskox	4	Walking	S	1500	165	East	No		-96.467823	65.323887		No -	Not Exceeded	
Incidental	2021-11-08	2021-11-08 16:31	Caribou	2	Alert	N/A	50	141	West	No		-96.318092	65.223683		No -	Not Exceeded	
Road	2021-11-09	2021-11-09 9:07	Muskox	2	Feeding	N/A	50	119	East	No		-96.064764	65.093211		No -	Not Exceeded	
Road	2021-11-09	2021-11-09 10:23	Caribou	1	Alert	N	150	156	West	No	GPS not working.	-96.452074	65.262217		No -	Not Exceeded	
Incidental	2021-11-09	2021-11-09 14:26	Arctic fox	1	Walking	NE	0	128	West	Yes		-96.135831	65.161371		No -	Not Exceeded	
Incidental	2021-11-10	2021-11-10 10:30	Wolf	9	Running	E	0	147	East	Yes	2 Wolf were seen on the lake running, after the bridge, 7 wolfs crossed the road and 2 others stayed on the lake they were chasing 2 caribou	-96.418353	65.227863	No	No	Not Exceeded	
Road	2021-11-10	2021-11-10 12:08	Muskox	12	Lying Down	N/A	800	159	East	No		-96.408856	65.286013		Yes - Seen yesterday	Not Exceeded	
Road	2021-11-11	2021-11-11 10:26	Caribou	9	Feeding	N/A	1000	160	West	No		-96.413563	65.294293		Yes - A mal has been saw yesterday by the HLT driver at the same place	Not Exceeded	
Incidental	2021-11-12	2021-11-12 8:06	Muskox	3	Feeding	N/A	10	120	West	No		-96.072801	65.100208		No -	Not Exceeded	
Road	2021-11-12	NA	NA	NA				NA				NA	NA				
Road	2021-11-13	2021-11-13 7:01	Muskox	12	Foraging	N/A	10	156	East	No		-96.452074	65.262217		Yes - Continued feeding, did not move or lookat the vechile.	Not Exceeded	
Road	2021-11-13	2021-11-13 11:40	Muskox	3	Resting	N/A	10	119	West	No		-96.064764	65.093211		Yes - Still resting, did not move	Not Exceeded	
Road	2021-11-14	2021-11-14 10:43	Muskox	14	Walking	W	600	148	West	No		-96.427439	65.220477		No -	Exceeded	Speed restriction
Road	2021-11-14	2021-11-14 10:56	Muskox	5	Feeding	N/A	200	157	East	No		-96.415837	65.271231		No -	Not Exceeded	
Road	2021-11-14	2021-11-14 11:12	Caribou	24	Foraging	N/A	150	169	East	N/A		-96.537025	65.340029		No -	Not Exceeded	
Incidental	2021-11-14	2021-11-14 14:39	Muskox	3	Lying Down	N/A	200	120	West	No		-96.072801	65.100208		No -	Not Exceeded	
Road	2021-11-15	2021-11-15 10:28	Muskox	3	Foraging	N/A	5	119	East	No		-96.064764	65.093211		Yes -	Not Exceeded	
Road	2021-11-16	2021-11-16 9:11	Arctic fox	1	Trotting/runnin g	N	0	179	Both	Yes		-96.652617	65.405019		No -	Not Exceeded	
Road	2021-11-16	2021-11-16 9:51	Arctic hare	1	Dead	N/A	0	151	Both	No	Project related mortality	-96.466221	65.234469		No -	Not Exceeded	
Road	2021-11-16	2021-11-16 10:08	Muskox	1	Foraging	N/A	300	140	East	No		-96.298506	65.221968		Yes - Saw one muskox at that km on	Not Exceeded	
Road	2021-11-17	2021-11-17 9:22	Muskox	11	Foraging	N/A	150	157	East	No		-96.415837	65.271231		No -	Not Exceeded	
Road	2021-11-17	2021-11-17 9:34	Muskox	8	Foraging	N/A	600	148	West	No		-96.427439	65.220477		No -	Not Exceeded	
Road	2021-11-18	2021-11-18 10:47	Muskox	1	Standing	N/A	300	140	East	No		-96.298506	65.221968		No -	Not Exceeded	
Road	2021-11-18	2021-11-18 10:52	Muskox	11	Foraging	N	800	148	West	No		-96.427439	65.220477		No -	Not Exceeded	
Road	2021-11-18	2021-11-18 11:07	Muskox	7	Foraging	N	800	159	East	No		-96.408856	65.286013		No -	Not Exceeded	
Road	2021-11-18	NA	NA	NA				NA				NA	NA				
Road	2021-11-19	2021-11-19 11:32	Muskox	14	Lying Down	N/A	250	149	West	No		-96.442640	65.223273		No -	Exceeded	Continue to monitor and reduce speed in that area if necessary
Road	2021-11-21	2021-11-21 16:27	Muskox	11	Foraging	N/A	200	159	East	No		-96.408856	65.286013		No -	Not Exceeded	
Road	2021-11-22	2021-11-22 11:06	Arctic fox	1	Dead	N/A	0	175	Both	N/A	Project related mortality. Carcass was pick up as much as possible and brought to the incinerator at MBK	-96.602372	65.377259		No -	Not Exceeded	
Road	2021-11-22	2021-11-22 11:20	Common raven	1	Resting	N/A	0	166	West	No		-96.488193	65.325287		No -	Not Exceeded	
Road	2021-11-22	2021-11-22 11:45	Muskox	11	Resting	N/A	600	149	West	No		-96.442640	65.223273		Yes - Same group since 3-4 days	Not Exceeded	
Road	2021-11-25	NA	NA	NA				NA				NA	NA				
Road	2021-11-28	2021-11-28 16:13	Arctic fox	1	Running	SE	0	148	East	Yes		-96.427439	65.220477		No -	Not Exceeded	
Incidental	2021-11-29	2021-11-29 10:00	Arctic hare	1	Dead	Not Recorded	0	115	North	No	Project related mortality. Employee saw the mortality and advise env team. Env tech told him to picked it up to bring to the incinerator but by the time the employee came back at the site, the hare has been push by the grater in the tundra	-96.009049	65.071117		No -	Not Exceeded	
Road	2021-12-01	2021-12-01 9:56	Muskox	11	Feeding	N/A	150	159	East	No	Speed restriction put in place between 158 and 160	-96.408856	65.286013		No -	Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Road	2021-12-04	2021-12-04 11:05	Muskox	2	Foraging	N/A	412	117	East	No		-96.039417	65.083700		No -	Not Exceeded	
Incidental	2021-12-06	2021-12-06 13:44	Muskox	1	Feeding	N/A	457	141	East	No		-96.318092	65.223683		Yes - Same one as the one a couple weeks ago. Same place of hanging out, approximately same distance from de road, all alone.	Not Exceeded	
Road	2021-12-06	NA	NA	NA				NA				NA	NA				
Road	2021-12-08	2021-12-08 10:08	Muskox	2	Feeding	N/A	198	120	East	No		-96.072801	65.100208		Yes - Same group as we saw on 2021-12-04.	Not Exceeded	
Road	2021-12-09	NA	NA	NA				NA				NA	NA				
Road	2021-12-10	2021-12-10 10:11	Muskox	11	Feeding	N/A	800	157	East	No		-96.415837	65.271231		No -	Not Exceeded	
Road	2021-12-12	2021-12-12 16:47	Arctic fox	1	Trotting/runnin g	N	0	178	Both	No		-96.621905	65.400857		No -	Not Exceeded	
Road	2021-12-14	2021-12-14 11:30	Caribou	5	Foraging	W	400	174	West	No		-96.601277	65.368315		No -	Not Exceeded	
Road	2021-12-14	2021-12-14 12:06	Arctic hare	1	Dead	N/A	0	148	Both	Yes	Project related mortality. Bridge at 148	-96.427439	65.220477		No -	Not Exceeded	
Incidental	2021-12-14	2021-12-14 14:21	Muskox	2	Standing	N/A	300	120	East	No		-96.072801	65.100208		No -	Not Exceeded	
Incidental	2021-12-14	2021-12-14 15:13	Muskox	4	Standing	N/A	800	161	East	No		-96.412072	65.303240		No -	Not Exceeded	
Road	2021-12-16	2021-12-16 10:38	Caribou	9	Feeding	E	300	163	East	No	LHT went by, 3 caribous ran opposite direction from the road	-96.430401	65.317408		No -	Not Exceeded	
Road	2021-12-16	2021-12-16 11:18	Arctic fox	1	Feeding	N/A	0	147	Both	Yes	Fox eating blood from dead Arctic Hare (reported on the 14th).	-96.418353	65.227863		No -	Not Exceeded	
Road	2021-12-16	2021-12-16 11:39	Common raven	1	Flying	N	0	136	East	No		-96.227402	65.213075		No -	Not Exceeded	
Road	2021-12-18	2021-12-18 10:22	Arctic hare	1	Dead	N/A	0	178	Both	Yes	Project related mortality	-96.621905	65.400857		No -	Not Exceeded	
Road	2021-12-20	2021-12-20 10:39	Muskox	4	Foraging	N/A		163	East	No		-96.430401	65.317408		No -	Not Exceeded	
Road	2021-12-20	2021-12-20 10:43	Common raven	1	Flying	N	0	162	Both	No		-96.416795	65.311548		No -	Not Exceeded	
Road	2021-12-20	2021-12-20 11:14	Muskox	4	Standing	N/A	1100	139	West	No		-96.279966	65.226857		No -	Not Exceeded	
Road	2021-12-22	NA	NA	NA				NA				NA	NA				
Road	2021-12-26	2021-12-26 10:36	Muskox	4	Lying Down	N/A	20	161	West	No		-96.412072	65.303240		No -	Not Exceeded	
Road	2021-12-26	2021-12-26 10:40	Caribou	6	Foraging	N/A	321	160	West	No		-96.413563	65.294293		No -	Not Exceeded	
Road	2021-12-26	2021-12-26 10:49	Muskox	11	Lying Down	N/A	162	156	East	No		-96.452074	65.262217		No -	Not Exceeded	
Road	2021-12-26	2021-12-26 11:20	Caribou	2	Walking	E	243	137	East	No		-96.241502	65.219441		No -	Not Exceeded	
Incidental	2021-12-26	2021-12-26 13:33	Caribou	5	Resting	N/A	200	162	East	No		-96.416795	65.311548		No -	Not Exceeded	
Road	2021-12-27	2021-12-27 10:17	Muskox	4	Foraging	N/A	85	161	East	No		-96.412072	65.303240		Yes - Same group as yesterday	Not Exceeded	
Road	2021-12-29	2021-12-29 10:47	Muskox	2	Walking	SE	1500	155	West	No		-96.434173	65.267612		No -	Not Exceeded	
Road	2021-12-31	2021-12-31 10:34	Muskox	4	Foraging	N/A	180	141	East	No		-96.318092	65.223683		No -	Not Exceeded	
Road	2021-12-31	2021-12-31 10:43	Caribou	10	Foraging	N/A	500	134	East	No		-96.192861	65.204805		No -	Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-01-04	2021-01-04 16:00	Wolverine	1	Running	N/A		NA			Third Portage Lake - End airstrip	-96.085003	65.019236			Not Exceeded	Monitored the area but no sight
Incidental	2021-01-05	2021-01-05 8:45	Wolverine	1	Running	N/A		NA			Portage Rock Storage Facility - Landfill	-96.053817	65.036931	Successful deterrence		Not Exceeded	
Incidental	2021-01-08	2021-01-08 15:00	Caribou	30	Foraging	N/A	500	NA	East		500 m East of MBK East dike	-96.048333	65.010833			Exceeded	Monitored the area
Weekly Mine Inspection	2021-01-10	NA		NA				NA				NA	NA				
Incidental	2021-01-14	2021-01-14 1:30	Wolverine	1	Running	N/A		NA			Camp - Incinerator	-96.070000	65.021389	Successful deterrence		Not Exceeded	
Incidental	2021-01-14	2021-01-14 3:30	Wolverine	1	Running	N/A		NA			Camp - E&I coverall	-96.070000	65.021389			Not Exceeded	Monitored the area
Incidental	2021-01-17	2021-01-17 14:15	Wolverine	1	Running	N/A		NA			Sana Crusher / We tried to see where he was heading, but he quickly disappeared since the field is very uneven. No presence of food around.	-96.069722	65.011667			Not Exceeded	Monitored the area
Weekly Mine Inspection	2021-01-24	NA		NA				NA				NA	NA				
Incidental	2021-01-25	2021-01-25 17:30	Wolf	1	Walking	N/A		105			Vault Area	-96.087731	65.034125			Not Exceeded	No action required
Incidental	2021-01-25	2021-01-25 20:00	Wolf	1	Running	N/A		NA			Camp - West road/primary crusher intersection	-96.070000	65.021389	Successful deterrence		Not Exceeded	
Incidental	2021-01-27	2021-01-27 17:00	Wolverine	1	Running	N/A		NA			Tailings Storage Facility	-96.061111	65.031111			Not Exceeded	Monitored the area but no sight
Incidental	2021-01-28	2021-01-28 12:30	Caribou	12	Foraging	N/A		NA			Camp - FGL area	-96.070000	65.021389			Not Exceeded	No action required
Incidental	2021-01-28	2021-01-28 14:30	Wolverine	1	Running	N/A		NA			Portage Rock Storage Facility - Landfill area	-96.053817	65.036931	Successful deterrence		Not Exceeded	
Incidental	2021-01-29	2021-01-29 16:30	Wolverine	1	Running	N/A		NA			Tailings & Landfill	-96.054444	65.033333	Successful deterrence		Not Exceeded	
Incidental	2021-01-30	2021-01-30 15:30	Caribou	21	Walking	N/A		NA			Third Portage Lake	-96.085003	65.019236			Not Exceeded	Monitored the area
Weekly Mine Inspection	2021-01-31	NA		NA				NA				NA	NA				
Incidental	2021-02-05	2021-02-05 12:00	Wolverine	1	Running	N/A		NA			Tailings Storage Facility - South cell ramp near landfarm /	-96.061111	65.031111	Successful deterrence		Not Exceeded	
Weekly Mine Inspection	2021-02-07	NA		NA				NA				NA	NA				
Incidental	2021-02-08	2021-02-08 10:00	Wolverine	1	Running	N/A		NA			Third Portage Lake	-96.085003	65.019236			Not Exceeded	Monitored the area
Incidental	2021-02-08	2021-02-08 10:00	Caribou	7	Foraging	N/A		NA			Fresh water barge	-96.061111	65.031111			Not Exceeded	Monitored the area
Incidental	2021-02-08	2021-02-08 10:15	Caribou	5	Foraging	N/A		NA			EMR entrance	-96.101111	65.046389			Not Exceeded	Monitored the area
Incidental	2021-02-08	2021-02-08 11:00	Caribou	1	Walking	N/A		NA			Airstrip	-96.071898	65.025083	Successful deterrence		Not Exceeded	
Incidental	2021-02-10	2021-02-10 15:30	Caribou	4	Foraging	N/A		113			Vault Area	-95.993271	65.058803			Not Exceeded	Monitored the area
Incidental	2021-02-13	2021-02-13 15:00	Wolverine	1	Running	N/A		NA			Tailings Storage Facility - South cell ramp near landfarm	-96.061111	65.031111			Not Exceeded	Monitored the area but no sight
Other	2021-02-13	2021-02-13 16:15	Caribou	2	Walking	W		NA			On the lake at end of airstrip	-96.081987	65.030225			Not Exceeded	
Other	2021-02-13	2021-02-13 16:35	Caribou	5	Foraging	N/A	30	NA	West		30 m away from road on west side	-96.092022	65.036608			Not Exceeded	
Incidental	2021-02-14	2021-02-14 7:30	Wolverine	1	Running	N/A		NA			Tailings Storage Facility - SD road	-96.061111	65.031111			Not Exceeded	Monitored the area but no sight
Incidental	2021-02-15	2021-02-15 17:30	Wolverine	1	Dead	N/A		NA			Project related mortality - Camp - Core Shack / See the mortality report attached for more detail.	-96.070000	65.021389	Fatal deterrence		Not Exceeded	
Incidental	2021-02-20	2021-02-20 22:30	Wolf	1	Walking	N/A		NA			Vault Rock Storage Facility	-96.007754	65.081848			Not Exceeded	No action required
Incidental	2021-02-21	2021-02-21 10:00	Caribou	7	Walking	N/A		NA			In the tundra behind Vault Area	-95.999810	65.074511			Not Exceeded	No action required
Incidental	2021-02-21	2021-02-21 18:00	Arctic fox	1	Walking	N/A		NA			Camp - Main entrance parking	-96.070000	65.021389			Not Exceeded	No action required
Weekly Mine Inspection	2021-03-07	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-03-14	NA		NA				NA				NA	NA				
Incidental	2021-03-16	2021-03-16 16:06	Caribou	1	Foraging	N/A		NA			Third Portage Lake - On hill near freshwater intake road	-96.085003	65.019236			Not Exceeded	No action required
Incidental	2021-03-16	2021-03-16 16:12	Arctic fox	1	Running	N/A		NA			Third Portage Lake - In front of Assay Lab	-96.085003	65.019236			Not Exceeded	No action required
Incidental	2021-03-16	2021-03-16 16:12	Caribou	5	Foraging	N/A		NA			Third Portage Lake	-96.085003	65.019236			Not Exceeded	No action required
Incidental	2021-03-18	2021-03-18 18:40	Arctic fox	1	Walking	N/A		NA			Camp - In front of ENV office	-96.070000	65.021389			Not Exceeded	No action required
Incidental	2021-03-19	2021-03-19 13:40	Arctic fox	1	Running	N/A		NA			Camp - In front of ENV office	-96.070000	65.021389			Not Exceeded	No action required
Incidental	2021-03-21	2021-03-21 15:10	Caribou	17	Resting	N/A		NA			Airstrip - Lake at the end of the airstrip / 9 resting/sleeping and 8 foraging	-96.071898	65.025083			Not Exceeded	Monitored the area
Incidental	2021-03-21	2021-03-21 16:14	Caribou	8	Resting	N/A	100	NA			All Resting and one eating - 100m away	-96.071444	65.019610			Not Exceeded	
Incidental	2021-03-21	2021-03-21 17:14	Caribou	8	Resting	N/A		NA			Third Portage Lake - In front of Assay lab / All resting and 1 foraging - 100m away from Assay road (in front of Assay lab).	-96.085003	65.019236			Not Exceeded	No action required
Incidental	2021-03-21	2021-03-21 18:53	Arctic fox	1	Running	N/A		NA			Camp - Behind Environment office	-96.070000	65.021389			Not Exceeded	No action required
Incidental	2021-03-23	2021-03-23 11:15	Arctic fox	1	Alert	N/A		NA			Third Portage Lake - Incinerator	-96.085003	65.019236			Not Exceeded	No action required
Incidental	2021-03-29	2021-03-29 11:30	Wolverine	1	Walking	N/A		NA			Airstrip	-96.071898	65.025083			Not Exceeded	Monitored the area but no sight
Weekly Mine Inspection	2021-03-31	NA		NA				NA				NA	NA				
Incidental	2021-04-04	2021-04-04 11:30	Caribou	25	Foraging	N/A		NA			Been there for a month or so - some close to airstrip (75 meters)	-96.073188	65.021413			Not Exceeded	
Incidental	2021-04-05	2021-04-05 10:30	Caribou	1	Foraging	N/A	100	113				-95.993271	65.058803			Not Exceeded	
Incidental	2021-04-09	2021-04-09 17:33	Muskox	30	Foraging	N/A		NA			Vault Area - Behind Vault kitchen / East side of road at around 300m	-95.999810	65.074511			Exceeded	Speed Restriction Applied.
Incidental	2021-04-09	2021-04-09 17:50	Caribou	32	Foraging	N/A		NA			Third Portage Lake - Fresh water barge / 2 walking and one resting	-96.085003	65.019236			Not Exceeded	No action required
Weekly Mine Inspection	2021-04-10	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-04-17	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-05-06	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-05-09	NA		NA				NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-05-10	2021-05-10 9:32	Caribou	15	Walking	N/A		NA			Third Portage Lake / Walking on the lake heading north. 1km away. Seen from ENV office.	-96.085003	65.019236			Not Exceeded	No action required
Incidental	2021-05-12	2021-05-12 8:50	Caribou	6	Walking	N/A		NA			Third Portage Lake / Were resting behind environment office and started walking towards Fresh Water Barge to join another small group on the hill.	-96.085003	65.019236			Not Exceeded	No action required
Weekly Mine Inspection	2021-05-16	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-05-20	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-05-30	NA		NA				NA				NA	NA				
Incidental	2021-06-04	2021-06-04 7:00	Caribou	1	Dead			NA			Non-project related - Mortality report sent to GN. TPL, west end of airstrip. The Caribou appears to have gone through the ice at the edge of the lake. It is unknown if the Caribou had sustained injuries prior to going through the ice from a predator or if the injuries occurred while trying to cross the lake.	-96.087370	65.029111			Not Exceeded	
Weekly Mine Inspection	2021-06-05	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-06-16	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-06-20	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-06-28	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-07-04	NA		NA				NA				NA	NA				
Incidental	2021-07-08	2021-07-08 16:38	Muskox	1	Resting	N/A		NA			Airstrip	-96.072747	65.021484			Not Exceeded	
Incidental	2021-07-10	2021-07-10 12:00	Muskox	4	Walking	N/A		NA			Airstrip	-96.072747	65.021484			Not Exceeded	
Incidental	2021-07-11	2021-07-11 6:22	Wolf	1	Alert	E		NA			Near nova camp, looking at some fox pups	-96.073182	65.021398			Not Exceeded	
Incidental	2021-07-11	2021-07-11 13:00	Caribou	1	Walking	Not Recorded		NA				-96.073667	65.021173			Not Exceeded	
Incidental	2021-07-11	2021-07-11 14:45	Muskox	2	Feeding	E		NA				-96.073498	65.021175			Not Exceeded	
Incidental	2021-07-13	2021-07-13 16:30	Other	1	Flying	N/A		NA			Phaser Pit. Loud peregrine falcon. Only one observed.	-96.073675	65.021188			Not Exceeded	
Incidental	2021-07-14	2021-07-14 8:31	Wolf	1	Alert	N		NA			Wolf was spotted at the maintenance walking towards the airstrip. The wolf stop to look at the nova camp fox pups. The wolf was successfully deterred to Q23, at witch point visual was lost on it.	-96.073571	65.021184			Not Exceeded	
Incidental	2021-07-14	2021-07-14 8:35	Caribou	1	Walking	N/A		NA			Caribou spotted at the dome warehouse, caribou was slowly escorted by pick-up to the tundra by sana shop.	-96.073650	65.021202			Not Exceeded	
Incidental	2021-07-14	2021-07-14 9:41	Muskox	2	Foraging	N/A		NA			Behind environment office.	-96.073675	65.021203			Not Exceeded	
Incidental	2021-07-15	2021-07-15 7:00	Caribou	1	Walking	Not Recorded		NA			Winter parking. Monitored the area but the caribou left the area.	-96.073707	65.021199			Not Exceeded	
Incidental	2021-07-15	2021-07-15 7:18	Muskox	2	Foraging	N/A		NA			Between inceneratorator and FGL 2 muskox. 1 female. 1 calf	-96.073699	65.021200			Not Exceeded	
Incidental	2021-07-16	2021-07-16 11:00	Muskox	2	Alert	W		NA			Between airstrip and AWAR, close to fresh water barge road. Mother and calf feeding. Calf was alert. Use of bangers 3 times in order to make them leave the area. They went in the tundra, near fresh water barge road. Use of honking several times without results before using bangers. Mother not bothered by honk noise.	-96.073187	65.021412	Successful deterrence		Not Exceeded	
Incidental	2021-07-16	2021-07-16 14:15	Rough-legged-Hawk	1	Alert	Not Recorded		NA			Goose pit, flying 30 m above truck, alert calling	-96.073190	65.021413			Not Exceeded	
Incidental	2021-07-17	2021-07-17 13:00	Caribou	1	Walking	N/A		NA			1 caribou walk walking around site. Coreshack, maintenance, powerhouse, assay lab. Environment staff tried to escort the caribou back in the tundra but the caribou kept coming back between building. After 30 minutes, environment decided to let the caribou rest between the wings.	-96.073687	65.021215			Not Exceeded	
Incidental	2021-07-17	2021-07-17 15:30	Muskox	2	Foraging	N		NA			2 muskoxen (1 female, 1 calf) were close to the airstrip. Environment were call to take actions before the plane. Clapping hands et bangers were used. The muskoxen walked slowly away from the airstrip.	-96.073687	65.021207	Successful deterrence		Not Exceeded	
Incidental	2021-07-17	2021-07-17 16:00	Caribou	2	Trotting/running	N/A		NA			2 caribous were crossing the airstrips. Environment walked behind them to redirect them out of the airstrip before airplane takes off.	-96.073183	65.021410			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-07-18	2021-07-18 8:00	Caribou	1	Walking	N/A		NA			Assay lab area. Environment team blocked the road with a pick-up truck and the caribou walked in the tundra in front of the Assay Lab. No deterrent were used.	-96.073699	65.021233			Not Exceeded	
Incidental	2021-07-18	2021-07-18 8:19	Caribou	1	Alert	SW		NA			On camp, caribou deterred by presence of two vehicles guiding him towards the tundra. Animal went from the wings to the front of the assay lab. Got down hill in the tundra after.	-96.073168	65.021387			Not Exceeded	
Incidental	2021-07-18	2021-07-18 11:20	Muskox	1	Foraging	N/A		NA			Muskox 10m to the airstrip. Environment staff clapped their hands and use bangers. Muskox slowly walk away from the airstrip and laydown.	-96.073686	65.021215	Successful deterrence		Not Exceeded	
Incidental	2021-07-18	2021-07-18 11:55	Caribou	1	Walking	W		NA			Coreshack. Environment team clapped their hands to deter the caribou further in the tundra.	-96.073746	65.021218			Not Exceeded	
Incidental	2021-07-18	2021-07-18 13:00	Muskox	2	Foraging	W		NA			FGL 2 muskoxen (1 female and 1 calf) grazing in the tundra. No action needed.	-96.073655	65.021239			Not Exceeded	
Incidental	2021-07-18	2021-07-18 13:45	Muskox	2	Feeding	Not Recorded		NA			North of FGL pad feeding in the tundra at 13:45. Muskox mom and calf.	-96.073179	65.021399			Not Exceeded	
Incidental	2021-07-18	2021-07-18 14:30	Caribou	2	Trotting/running	N/A		NA			Two caribou were walking on the tailings. Bangers were used to move them away from the tailings. Caribou left the tailings and walk all the way to the coreshack area, grazing.	-96.073715	65.021225			Not Exceeded	
Incidental	2021-07-18	2021-07-18 17:45	Muskox	2	Walking	N		NA			Mom and calf crossing the airstrip from south to north side.	-96.073168	65.021386			Not Exceeded	
Incidental	2021-07-18	2021-07-18 18:01	Caribou	1	Walking	N/A		NA			Caribou walking toward the warehouse dome beside sea-cans. Walking behind caribou and clapping hands technique were used to move the caribou away from a corner. Walk away toward the pit E area.	-96.073171	65.021385			Not Exceeded	
Incidental	2021-07-21	2021-07-21 12:25	Muskox	1	Walking	N/A		NA			Map won't load but they were seen near saddle dam 3 close to TPL.	-96.073722	65.021185			Not Exceeded	
Incidental	2021-07-21	2021-07-21 12:55	Muskox	2	Foraging	N/A		NA			Seen close to airstrip	-96.073681	65.021179			Not Exceeded	
Incidental	2021-07-21	2021-07-21 15:40	Caribou	2	Walking	SW		NA			2 caribous were around the transit area, we pushed them towards west road/goose pit	-96.073698	65.021184			Not Exceeded	
Incidental	2021-07-21	2021-07-21 16:00	Caribou	1	Standing	N/A		NA			Around the mill, then went between the wings	-96.075266	65.021970			Not Exceeded	
Weekly Mine Inspection	2021-07-26	NA		NA				NA				NA	NA				
Incidental	2021-07-28	2021-07-28 16:00	Wolf	1	Resting	E		NA				-96.048333	65.010833	Successful deterrence		Not Exceeded	
Incidental	2021-07-29	2021-07-29 7:25	Caribou	1	Running	N		NA				-96.063056	65.018889	Deterrents did not succeed		Not Exceeded	
Incidental	2021-07-29	2021-07-29 10:30	Caribou	1	Feeding	S		NA				-96.069722	65.011667	Successful deterrence		Not Exceeded	
Incidental	2021-07-30	2021-07-30 10:45	Wolf	1	Walking	SW		NA			Did not see the wolf	-96.063056	65.018889			Not Exceeded	
Incidental	2021-08-01	2021-08-01 6:00	Caribou	2	Walking	N		NA			Pushed them away with truck	-96.073611	65.021667			Not Exceeded	
Incidental	2021-08-02	2021-08-02 9:02	Caribou	2	Foraging	Not Recorded		NA				-96.070000	65.021389			Not Exceeded	
Incidental	2021-08-03	2021-08-03 12:40	Wolf	1	Walking	NE		NA			Mario called the environment, by the time we got to sana's old crusher, it was gone.	-96.069722	65.011667			Not Exceeded	
Weekly Mine Inspection	2021-08-09	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-08-15	NA		NA				NA				NA	NA				
Incidental	2021-08-17	2021-08-17 17:15	Caribou	2	Resting	W		NA				-96.061111	65.031111	Successful deterrence		Not Exceeded	
Weekly Mine Inspection	2021-08-22	NA		NA				NA				NA	NA				
Incidental	2021-08-24	2021-08-24 9:56	Caribou	3	Standing	W		NA				-96.044503	65.041782	Successful deterrence		Not Exceeded	
Incidental	2021-08-24	2021-08-24 14:26	Caribou	2	Walking	SW		NA				-96.072500	65.025000	Successful deterrence		Not Exceeded	
Incidental	2021-08-25	2021-08-25 18:08	Caribou	1	Walking	N/A		NA				-96.070000	65.021389			Not Exceeded	
Incidental	2021-08-26	2021-08-26 11:04	Caribou	2	Standing	N/A		NA			1 went in tundra and the other stayed on site and was going in circles. Finally pushed him away close to Goose pit. There was 2 other caribous there laying down	-96.065000	65.015556			Not Exceeded	
Incidental	2021-08-27	2021-08-27 15:00	Caribou	2	Standing	W		NA			The older caribou was hiding in the shade. The younger one was feeding and then he ran east when I approached	-96.044503	65.041782			Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-08-27	2021-08-27 16:53	Caribou	2	Standing	N/A		NA			Pilot of helicopter says he often saw caribou while deploying the dust suppressant on the tailings	-96.076667	65.039167			Not Exceeded	
Incidental	2021-08-28	2021-08-28 6:45	Caribou	4	Feeding	N/A		NA			The cyanide convoy was going on the FGL pad and a caribou was on the road. Env was called. When I arrived there were 4 caribou on the pad. I tried to chase them away with the pickup but they were doing circles around me. After 15 minutes, 3 of them went in the tundra and one stayed. The cyanide was all unloaded so I left him there. I think it is the same group that's been hanging around the Goose pit.	-96.069722	65.011667			Not Exceeded	
Weekly Mine Inspection	2021-08-29	NA		NA				NA				NA	NA				
Incidental	2021-08-30	2021-08-30 11:00	Muskox	12	Walking	S		NA				-96.051667	65.041667			Not Exceeded	
Weekly Mine Inspection	2021-09-05	NA		NA				NA				NA	NA				
Incidental	2021-09-15	2021-09-15 16:00	Muskox	20	Foraging	N	600	NA	West	No		-96.101111	65.046389			Exceeded	Speed Restriction Applied.
Weekly Mine Inspection	2021-09-21	NA		NA				NA				NA	NA				
Incidental	2021-09-26	2021-09-26 7:50	Muskox	25	Foraging	N/A		NA	East		EMR, CLOSE TO AWAR	-96.101111	65.046389			Exceeded	Speed Restriction Applied.
Weekly Mine Inspection	2021-09-27	NA		NA				NA				NA	NA				
Mine & Pit	2021-10-03	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-10-03	NA		NA				NA				NA	NA				
Incidental	2021-10-08	2021-10-08 15:52	Muskox	5	Standing	N/A		NA	East			-96.069722	65.011667		No -	Not Exceeded	
Mine & Pit	2021-10-08	NA		NA				NA				NA	NA				
Mine & Pit	2021-10-24	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-10-27	NA		NA				NA				NA	NA				
Other	2021-10-30	NA		NA				NA				NA	NA				
Incidental	2021-10-31	2021-10-31 13:00	Arctic fox	1	Walking			NA				-96.044503	65.041782		No -	Not Exceeded	
Mine & Pit	2021-11-06	2021-11-06 16:21	Arctic fox	1	Alert	N/A	0	NA		No	- Tailings, compost disposal -	-96.061111	65.031111		No -	Not Exceeded	
Weekly Mine Inspection	2021-11-07	NA		NA				NA				NA	NA				
Mine & Pit	2021-11-12	2021-11-12 16:11	Arctic fox	1	Feeding	N/A	0	113	West	Yes	- Arctic fox on the road at KM113. It looked like eating something. -	-96.003611	65.075000		No -	Not Exceeded	
Mine & Pit	2021-11-12	2021-11-12 16:30	Arctic fox	1	Walking	N	0	NA	North	Yes	- On the road that start on WTHR and goes to AWAR, passing behind the waste rocks hill (tailings road) -	-96.051667	65.041667		No -	Not Exceeded	
Mine & Pit	2021-11-20	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-11-20	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-11-28	NA		NA				NA				NA	NA				
Mine & Pit	2021-11-29	NA		NA				NA				NA	NA				
Incidental	2021-12-01	2021-12-01 17:00	Wolverine	1	Walking			NA			We got a call that a big Wolverine was seen near de PEL Shop. We went and monitor the area and the wolverine was not seen.	-96.002169	65.051123	No	No	Not Exceeded	
Mine & Pit	2021-12-03	2021-12-03 15:14	Arctic fox	1	Walking	N/A	0	NA		N/A	- Between warehouse coverall and E&I office -	-96.066944	65.021944		No -	Not Exceeded	
Weekly Mine Inspection	2021-12-09	NA		NA				NA				NA	NA				
Mine & Pit	2021-12-11	NA		NA				NA				NA	NA				
Mine & Pit	2021-12-14	2021-12-14 12:13	Wolverine	1	Running	NW	10	NA	North	No	- Wolverine heading towards tailings area from landfill -	-96.054444	65.033333		No -	Not Exceeded	
Weekly Mine Inspection	2021-12-14	NA		NA				NA				NA	NA				
Mine & Pit	2021-12-18	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-12-20	NA		NA				NA				NA	NA				
Mine & Pit	2021-12-25	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-12-26	NA		NA				NA				NA	NA				
Incidental	2021-12-27	2021-12-27 8:00	Wolverine	1	Walking	N/A	0	NA			We went and monitor the area around the incinerator and made a small site inspection. Nothing was seen	-96.067500	65.016111	No	No	Not Exceeded	

Survey Type	Date	Date/Time	Species	Number	Behaviour	avel Directl	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Weekly Mine Inspection	2020-03-31	NA		NA				NA				NA	NA				
Blast	2021-01-03	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-01-08	NA		NA				NA				NA	NA				
Blast	2021-01-09	NA		NA				NA				NA	NA				
Blast	2021-01-11	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-01-12	NA		NA				NA				NA	NA				
Blast	2021-01-13	NA		NA				NA				NA	NA				
Blast	2021-01-14	NA		NA				NA				NA	NA				
Blast	2021-01-15	NA		NA				NA				NA	NA				
Blast	2021-01-16	NA		NA				NA				NA	NA				
Blast	2021-01-18	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-01-19	NA		NA				NA				NA	NA				
Blast	2021-01-20	NA		NA				NA				NA	NA				
Blast	2021-01-22	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-01-26	NA		NA				NA				NA	NA				
Blast	2021-01-30	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-02-02	NA		NA				NA				NA	NA				
Blast	2021-02-03	NA		NA				NA				NA	NA				
Blast	2021-02-06	NA		NA				NA				NA	NA				
Blast	2021-02-10	NA		NA				NA				NA	NA				
Blast	2021-02-11	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-02-11	NA		NA				NA				NA	NA				
Blast	2021-02-13	NA		NA				NA				NA	NA				
Blast	2021-02-14	NA		NA				NA				NA	NA				
Blast	2021-02-15	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-02-16	NA		NA				NA				NA	NA				
Blast	2021-02-17	NA		NA				NA				NA	NA				
Blast	2021-02-22	NA		NA				NA				NA	NA				
Blast	2021-02-24	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-02-24	NA		NA				NA				NA	NA				
Blast	2021-02-27	NA		NA				NA				NA	NA				
Blast	2021-02-28	NA		NA				NA				NA	NA				
Blast	2021-03-01	NA		NA				NA				NA	NA				
Blast	2021-03-02	NA		NA				NA				NA	NA				
Blast	2021-03-03	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-03-03	NA		NA				NA				NA	NA				
Blast	2021-03-04	NA		NA				NA				NA	NA				
Blast	2021-03-07	NA		NA				NA				NA	NA				
Blast	2021-03-08	NA		NA				NA				NA	NA				
Blast	2021-03-09	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-03-09	NA		NA				NA				NA	NA				
Blast	2021-03-10	NA		NA				NA				NA	NA				
Blast	2021-03-11	NA		NA				NA				NA	NA				
Blast	2021-03-12	NA		NA				NA				NA	NA				
Blast	2021-03-13	NA		NA				NA				NA	NA				
Blast	2021-03-14	NA		NA				NA				NA	NA				
Blast	2021-03-15	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-03-16	NA		NA				NA				NA	NA				
Blast	2021-03-17	NA		NA				NA				NA	NA				
Blast	2021-03-19	NA		NA				NA				NA	NA				
Blast	2021-03-21	NA		NA				NA				NA	NA				
Blast	2021-03-22	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-03-23	NA		NA				NA				NA	NA				
Blast	2021-03-29	NA		NA				NA				NA	NA				
Blast	2021-03-30	NA		NA				NA				NA	NA				
Blast	2021-04-01	NA		NA				NA				NA	NA				
Incidental	2021-04-02	2021-04-02 16:00	Caribou	12	Not recorded	E		NA				-96.664149	65.411490			Not Exceeded	
Blast	2021-04-02	NA		NA				NA				NA	NA				
Incidental	2021-04-03	2021-04-03 17:00	Caribou	12	Not recorded	N/A		NA				-96.621905	65.400857			Not Exceeded	
Blast	2021-04-04	NA		NA				NA				NA	NA				
Incidental	2021-04-05	2021-04-05 15:01	Arctic hare	1	Running	E		NA			By vent raise / BM1	-96.666802	65.401401			Not Exceeded	
Incidental	2021-04-05	2021-04-05 15:02	Ptarmigan	3	Alert	E		NA				-96.667221	65.401335			Not Exceeded	
Blast	2021-04-05	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-04-06	NA		NA				NA				NA	NA				
Blast	2021-04-09	NA		NA				NA				NA	NA				
Blast	2021-04-10	NA		NA				NA				NA	NA				
Blast	2021-04-11	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-04-13	NA		NA				NA				NA	NA				
Blast	2021-04-15	NA		NA				NA				NA	NA				
Blast	2021-04-18	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-04-20	NA		NA				NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Level	Direct	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-04-21	2021-04-21 15:20	Caribou	1	Walking		W		NA			This is the lonely caribou that was observed for at least a week by the IVR dike construction and fuel farm. I deterred with the horn trying to push him toward the tundra behind the camp at safe location, he ran a bit and started grazing	-96.665948	65.401811			Not Exceeded	
Blast	2021-04-22	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-04-27	NA		NA					NA				NA	NA				
Blast	2021-04-29	NA		NA					NA				NA	NA				
Blast	2021-04-30	2021-04-30 11:00	Caribou	30	Grazing				178				-96.666558	65.401794				
Blast	2021-05-01	NA		NA					NA				NA	NA				
Blast	2021-05-02	2021-05-02 10:30	Caribou	150					176				-96.666558	65.401794				
Blast	2021-05-04	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-05-04	NA		NA					NA				NA	NA				
Blast	2021-05-06	2021-05-06 11:00	Caribou	1					179				-96.666558	65.401794				
Blast	2021-05-08	NA		NA					NA				NA	NA				
Blast	2021-05-09	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-05-11	NA		NA					NA				NA	NA				
Blast	2021-05-12	NA		NA					NA				NA	NA				
Blast	2021-05-13	2021-05-13 11:45	Caribou	18	Grazing				177				-96.666558	65.401794				
Blast	2021-05-17	2021-05-17 11:45	Caribou	16	Grazing				176				-96.666558	65.401794				
Blast	2021-05-18	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-05-18	NA		NA					NA				NA	NA				
Blast	2021-05-20	2021-05-20 11:30	Caribou	18					NA			Behavior monitoring was performed during the blast on the group. Video can be found on the drive. They did not react to the blast	-96.666558	65.401794				
Blast	2021-05-21	2021-05-21 11:30	Caribou	8					NA			Behaviour monitoring and video taken of caribou during blast. No reaction from group.	-96.666558	65.401794				
Blast	2021-05-24	2021-05-24 12:21	Caribou	5					176			Behaviour monitoring and video taken of caribou during blast. No reaction from group.	-96.603791	65.386220				
Weekly Mine Inspection	2021-05-25	NA		NA					NA				NA	NA				
Blast	2021-05-27	NA		NA					NA				NA	NA				
Blast	2021-05-28	2021-05-28 11:00	Caribou	13					NA			3 groups of caribou: Nemo road (2), dyno road (5) and Km176 (6)	-96.696203	65.417612				
Blast	2021-05-29	NA		NA					NA				NA	NA				
Blast	2021-05-31	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-06-01	NA		NA					NA				NA	NA				
Blast	2021-06-03	NA		NA					NA				NA	NA				
Blast	2021-06-04	2021-06-04 11:00	Caribou	21					NA				-96.666558	65.401794				
Blast	2021-06-05	2021-06-05 11:30	Caribou	27	Grazing				NA				-96.666558	65.401794				
Blast	2021-06-08	2021-06-08 11:15	Caribou	12	Grazing				NA			Behavior monitoring performed on the group of 12 caribous on Dyno road	-96.666558	65.401794				
Weekly Mine Inspection	2021-06-08	NA		NA					NA				NA	NA				
Incidental	2021-06-09	2021-06-09 11:08	Caribou	30	Not Recorded				NA				-96.670598	65.401289			Exceeded	Speed Restriction Applied.
Blast	2021-06-09	2021-06-09 11:15	Caribou	27					NA			Behavior monitoring performed on the group of 22 and later 27 caribous near Dyno road	-96.666558	65.401794				
Blast	2021-06-12	2021-06-12 12:00	Caribou	3	Resting				NA			3 Caribou Observed during blast ~2km from center of blast. Behaviour video recorded. No reaction to blast.	-96.666558	65.401794				
Blast	2021-06-13	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-06-15	NA		NA					NA				NA	NA				
Blast	2021-06-16	NA		NA					NA				NA	NA				
Blast	2021-06-18	NA		NA					NA				NA	NA				
Blast	2021-06-19	NA		NA					NA				NA	NA				
Blast	2021-06-20	NA		NA					NA				NA	NA				
Blast	2021-06-22	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-06-22	NA		NA					NA				NA	NA				
Blast	2021-06-24	NA		NA					NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Level	Direct	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Blast	2021-06-25	NA		NA					NA				NA	NA				
Blast	2021-06-27	NA		NA					NA				NA	NA				
Blast	2021-06-28	NA		NA					NA				NA	NA				
Incidental	2021-06-29	2021-06-29 16:34	Muskox	15	Walking		S		NA			By wts hill	-96.666770	65.401442			Exceeded	Speed Restriction Applied.
Blast	2021-07-02	NA		NA					NA				NA	NA				
Blast	2021-07-03	NA		NA					NA				NA	NA				
Blast	2021-07-04	NA		NA					NA				NA	NA				
Blast	2021-07-05	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-07-06	NA		NA					NA				NA	NA				
Blast	2021-07-07	NA		NA					NA				NA	NA				
Incidental	2021-07-08	2021-07-08 6:00	Wolf	1	Walking		N		132			Not the right coordinates. Observations was at km132	-96.073698	65.021197			Not Exceeded	
Blast	2021-07-08	NA		NA					NA				NA	NA				
Incidental	2021-07-09	2021-07-09 2:00	Wolf	2	Walking				132			Km132. Entry made at the office. Not the right coordinates.	-96.073172	65.021386			Not Exceeded	
Blast	2021-07-10	NA		NA					NA				NA	NA				
Blast	2021-07-12	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-07-13	NA		NA					NA				NA	NA				
Blast	2021-07-14	NA		NA					NA				NA	NA				
Blast	2021-07-16	NA		NA					NA				NA	NA				
Incidental	2021-07-18	2021-07-18 10:00	Muskox	20	Running		W	50	NA	West	No		-96.705273	65.403890			Exceeded	Speed Restriction Applied.
Incidental	2021-07-18	2021-07-18 11:45	Bald Eagle	2	Resting		N/A	100	NA	West	No		-96.705273	65.403890			Not Exceeded	
Incidental	2021-07-19	2021-07-19 14:50	Bald Eagle	1	Flying			100	NA	East	No		-96.705273	65.403890			Not Exceeded	
Weekly Mine Inspection	2021-07-20	NA		NA					NA				NA	NA				
Incidental	2021-07-22	2021-07-22 11:50	Caribou	1	Lying Down		N/A		NA				-96.660239	65.406411			Not Exceeded	
Blast	2021-07-22	NA		NA					NA				NA	NA				
Blast	2021-07-23	NA		NA					NA				NA	NA				
Blast	2021-07-24	NA		NA					NA				NA	NA				
Incidental	2021-07-25	2021-07-25 11:50	Muskox	18	Foraging		N/A	150	NA		No		-96.736909	65.399224			Exceeded	Speed Restriction Applied.
Blast	2021-07-26	NA		NA					NA				NA	NA				
Blast	2021-07-28	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-07-28	NA		NA					NA				NA	NA				
Blast	2021-07-30	NA		NA					NA				NA	NA				
Blast	2021-07-31	NA		NA					NA				NA	NA				
Blast	2021-08-01	NA		NA					NA				NA	NA				
Blast	2021-08-02	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-08-03	NA		NA					NA				NA	NA				
Blast	2021-08-04	NA		NA					NA				NA	NA				
Blast	2021-08-05	2021-08-05 12:12	Caribou	45					NA			Blast behavior monitoring performed	65.416912	-96.685901				
Blast	2021-08-06	2021-08-06 23:30	Caribou	3	Walking				NA			On nemo road	-96.666558	65.401794				
Blast	2021-08-08	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-08-10	NA		NA					NA				NA	NA				
Incidental	2021-08-11	2021-08-11 16:00	Wolf	1	Injured		N/A		NA			IVR Ring Road / While performing a freshet inspection ENV workers observed an injured wolf walking along the IVR ring road. The workers followed the wolf until it crossed a berm and headed towards Nemo Rd. Workers contacted the ENV coordinator and followed the wolf from a safe distance to Nemo Rd. The Conservation Officer was contacted. Wolf limping continued NE into the tundra. No deterrents were required.	-96.691475	65.414668			Not Exceeded	No action required
Incidental	2021-08-14	2021-08-14 8:26	Wolf	1	Injured		NE		NA				-96.691475	65.414668			Not Exceeded	
Blast	2021-08-15	NA		NA					NA				NA	NA				
Blast	2021-08-17	NA		NA					NA				NA	NA				
Blast	2021-08-18	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-08-18	NA		NA					NA				NA	NA				
Blast	2021-08-19	2021-08-19 10:30	Caribou	3					NA			Behaviour monitoring was done	65.401626	-96.666499				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Level	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-08-19	2021-08-19 13:00	Caribou	3	Foraging	N/A		NA			Dyno Emulsion Plant / Behaviour monitoring done with them	-96.733436	65.395284			Not Exceeded	
Incidental	2021-08-19	2021-08-19 15:00	Muskox	12	Feeding			NA				-96.727918	65.409337			Not Exceeded	
Blast	2021-08-20	2021-08-20 10:30	Caribou	1				NA			Behaviour monitoring was done on one caribou just outside the blast radius by Dyno road	65.401474	-96.667234				
Incidental	2021-08-20	2021-08-20 12:00	Muskox	1	Feeding			NA				-96.733436	65.395284			Not Exceeded	
Blast	2021-08-22	2021-08-22 11:20	Caribou	1				NA			at dyno	65.403450	-96.719257				
Blast	2021-08-22	2021-08-22 11:20	Caribou	3				NA			near landfill. Caribou Behaviour Monitoring done on the caribou near landfill	65.403450	-96.719257				
Incidental	2021-08-22	2021-08-22 11:30	Caribou	1	Foraging	N/A	100	NA	West	No		-96.733436	65.395284			Not Exceeded	
Incidental	2021-08-22	2021-08-22 12:00	Caribou	3	Foraging	N/A	100	NA	East	No	Behaviour Monitoring done with them during the blast	-96.727918	65.409337			Not Exceeded	
Incidental	2021-08-23	2021-08-23 11:00	Caribou	2	Walking	E		NA		Yes	monitored the area, no sight	-96.691475	65.414668			Not Exceeded	
Blast	2021-08-24	2021-08-24 10:30	Caribou	2				NA			At dyno	65.395244	-96.733575				
Blast	2021-08-24	2021-08-24 10:30	Caribou	2				NA			near phase 1	65.395244	-96.733575				
Incidental	2021-08-24	2021-08-24 10:30	Caribou	1	Running	N	0	NA	Both	Yes	Came back at least 3 times during the day	-96.708242	65.407475	Successful deterrence		Not Exceeded	
Blast	2021-08-24	2021-08-24 11:30	Caribou	1				NA			near phase 2. Caribou near phase 2 was push and look at during all the blast. Very difficult since it move back on the road each time	65.395244	-96.733575				
Incidental	2021-08-24	2021-08-24 12:00	Caribou	1	ptting/runn	E	0	NA	Both	Yes		-96.708242	65.407475	Successful deterrence		Not Exceeded	
Incidental	2021-08-24	2021-08-24 14:30	Caribou	2	ptting/runn	N	0	NA	Both	Yes		-96.708242	65.407475	Successful deterrence		Not Exceeded	
Incidental	2021-08-24	2021-08-24 15:30	Caribou	2	Running	S	0	NA	Both	Yes		-96.733436	65.395284	Successful deterrence		Not Exceeded	
Incidental	2021-08-24	2021-08-24 15:30	Caribou	1	ptting/runn	W	25	NA	West	Deflection		-96.733436	65.395284	Successful deterrence		Not Exceeded	
Incidental	2021-08-24	2021-08-24 15:45	Caribou	2	ptting/runn	W	0	NA	Both	Yes		-96.686323	65.405069	Successful deterrence		Not Exceeded	
Weekly Mine Inspection	2021-08-24	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-08-24	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-08-24	NA		NA				NA				NA	NA				
Incidental	2021-08-25	2021-08-25 15:00	Caribou	1	ptting/running		0	NA	Both	Deflection		-96.708242	65.407475	Successful deterrence		Not Exceeded	
Incidental	2021-08-25	2021-08-25 17:00	Caribou	3	ptting/running		0	NA	Both	Deflection		-96.669214	65.411909	Successful deterrence		Not Exceeded	
Blast	2021-08-26	2021-08-26 11:30	Caribou	2	Walking			NA			Caribous were pushed from Pad K to the tundra	-96.666558	65.401794				
Incidental	2021-08-26	2021-08-26 14:00	Caribou	1	ptting/runn	Not Recorded	0	NA	Both	N/A	Caribou was not in the way and it was dangerous to moved it (near ramp 1, a lot of traffic around, a lot of direction that the animal can take). We monitored the caribou a bit and it didn't moved so we left it there.	-96.702296	65.403912			Not Exceeded	
Incidental	2021-08-26	2021-08-26 15:00	Caribou	1	ptting/running		0	NA	Both	Deflection		-96.669214	65.411909	Deterrents did not succeed		Not Exceeded	
Incidental	2021-08-27	2021-08-27 9:00	Caribou	1	ptting/runn	N/A	0	NA	Both	Yes		-96.727918	65.409337	Successful deterrence		Not Exceeded	
Incidental	2021-08-27	2021-08-27 10:00	Caribou	1	ptting/runn	N/A	0	NA	Both	Yes		-96.686323	65.405069	Successful deterrence		Not Exceeded	
Incidental	2021-08-27	2021-08-27 10:00	Caribou	2	ptting/runn	N/A	0	NA	Both	Yes	Were gone upon arrival	-96.660239	65.406411			Not Exceeded	
Incidental	2021-08-27	2021-08-27 10:30	Caribou	1	ptting/runn	N/A	0	NA	Both	Yes		-96.660239	65.406411	Successful deterrence		Not Exceeded	
Incidental	2021-08-27	2021-08-27 13:30	Caribou	2	ptting/runn	N/A	0	NA	Both	Yes		-96.697302	65.403718	Successful deterrence		Not Exceeded	
Incidental	2021-08-27	2021-08-27 14:30	Caribou	1	ptting/runn	N/A	0	NA	Both	Yes		-96.727918	65.409337	Successful deterrence		Not Exceeded	
Incidental	2021-08-27	2021-08-27 16:00	Caribou	1	ptting/runn	N/A	0	NA	Both	Yes		-96.697302	65.403718	Successful deterrence		Not Exceeded	
Incidental	2021-08-27	2021-08-27 17:30	Caribou	1	ptting/runn	N/A	0	NA	Both	Yes	Whislers had little to no effect.	-96.677016	65.399543	Successful deterrence		Not Exceeded	
Blast	2021-08-29	NA		NA				NA				NA	NA				
Weekly Mine Inspection	2021-08-31	NA		NA				NA				NA	NA				
Incidental	2021-09-02	2021-09-02 11:25	Caribou	2	Feeding	N/A		NA				-96.708242	65.407475			Not Exceeded	
Incidental	2021-09-02	2021-09-02 14:10	Caribou	6	Feeding	N/A		NA				-96.708242	65.407475			Not Exceeded	
Blast	2021-09-03	NA		NA				NA				NA	NA				
Blast	2021-09-04	2021-09-04 0:45	Caribou	6				NA			ENV tech remained present to ensure caribou were outside blast radius. Recorded reactions to blast	-96.666558	65.401794				
Incidental	2021-09-04	2021-09-04 3:50	Wolf	1	Walking	Not Recorded		NA				-96.697302	65.403718			Not Exceeded	
Incidental	2021-09-04	2021-09-04 12:45	Caribou	6	Feeding	N/A		NA			Caribou were observed during blast	-96.733436	65.395284			Not Exceeded	
Incidental	2021-09-04	2021-09-04 14:45	Caribou	1	Walking	NE		NA				-96.686323	65.405069			Not Exceeded	
Blast	2021-09-06	2021-09-06 11:30	Caribou	18				NA			13:30 6 caribou near mammoth dike. Rest were 3 km from pit in tundra	-96.666558	65.401794				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Level	Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-09-06	2021-09-06 13:30	Caribou	18	Feeding		N/A		NA				-96.733436	65.395284			Not Exceeded	
Weekly Mine Inspection	2021-09-07	NA		NA					NA				NA	NA				
Blast	2021-09-09	2021-09-09 11:30	Caribou	2	Sleeping				NA			Behavior monitoring done on them twice	-96.666558	65.401794				
Blast	2021-09-10	2021-09-10 11:30	Caribou	4					NA			4 caribou at approx, 2 km from blast. Behavior monitoring not performed as they were a bit far to observed / ridge behind non pag dump by WTS	-96.666558	65.401794				
Blast	2021-09-10	2021-09-10 11:30	Caribou	6	Walking				NA			Behavior monitoring not performed as they were a bit far to observed / ridge behind non pag dump by WTS	-96.666558	65.401794				
Blast	2021-09-11	NA		NA					NA				NA	NA				
Blast	2021-09-12	2021-09-12 11:30	Caribou	5	Grazing				NA			Caribou were observed South East of the Dyno road	-96.666558	65.401794				
Blast	2021-09-14	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-09-14	NA		NA					NA				NA	NA				
Blast	2021-09-17	NA		NA					NA				NA	NA				
Blast	2021-09-18	2021-09-18 11:20	Caribou	3					NA			monitoring before and after the blast along with video was taken	-96.666558	65.401794				
Blast	2021-09-19	NA		NA					NA				NA	NA				
Blast	2021-09-20	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-09-21	NA		NA					NA				NA	NA				
Blast	2021-09-25	NA		NA					NA				NA	NA				
Incidental	2021-09-26	2021-09-26 10:30	Caribou	6	Resting		N/A		NA	East			-96.727918	65.409337		No -	Not Exceeded	
Blast	2021-09-26	2021-09-26 11:30	Caribou	6	Resting				NA				-96.666558	65.401794				
Blast	2021-09-27	NA		NA					NA				NA	NA				
Incidental	2021-09-28	2021-09-28 11:28	Caribou	3	Foraging		N/A		NA	South, North			-96.733436	65.395284		Yes - Same has	Not Exceeded	
Weekly Mine Inspection	2021-09-29	NA		NA					NA				NA	NA				
Incidental	2021-10-01	2021-10-01 13:49	Caribou	3	Foraging		N/A		NA	West			-96.708242	65.407475		Yes - Same as th	Not Exceeded	
Blast	2021-10-01	NA		NA					NA				NA	NA				
Blast	2021-10-02	NA		NA					NA				NA	NA				
Mine & Pit	2021-10-03	2021-10-03 10:55	Other	4	Flying		S	5	NA	West	No	Unknown bird - Near ST-WT-32 -	-96.727918	65.409337		No -	Not Exceeded	
Mine & Pit	2021-10-03	2021-10-03 10:59	Arctic hare	1	Lying Down		N/A	0	NA	West	No	- Near ST-WT-31 -	-96.727918	65.409337		No -	Not Exceeded	
Blast	2021-10-04	NA		NA					NA				NA	NA				
Blast	2021-10-05	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-10-05	NA		NA					NA				NA	NA				
Incidental	2021-10-08	2021-10-08 17:00	Caribou	20	Feeding		N/A	200	NA	West	No		-96.697302	65.403718	No	No	Not Exceeded	
Blast	2021-10-08	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-10-14	NA		NA					NA				NA	NA				
Mine & Pit	2021-10-16	NA		NA					NA				NA	NA				
Blast	2021-10-16	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-10-19	NA		NA					NA				NA	NA				
Mine & Pit	2021-10-20	NA		NA					NA				NA	NA				
Blast	2021-10-22	2021-10-22 11:44	Caribou	9	Foraging		N/A		NA				-96.666582	65.401459				
Incidental	2021-10-22	2021-10-22 11:45	Caribou	9	Foraging		SW		NA	West			-96.727918	65.409337		No -	Not Exceeded	
Mine & Pit	2021-10-23	2021-10-23 14:16	Arctic fox	1	potting/runn		S	0	NA	North, South	Yes	- UG maintenance near the hazmat -	-96.673110	65.400877		No -	Not Exceeded	
Blast	2021-10-25	2021-10-25 11:30	Caribou	3	Walking				NA				-96.666558	65.401794				
Incidental	2021-10-25	2021-10-25 11:39	Caribou	3	Walking		E		NA	East			-96.688746	65.416918		No -	Not Exceeded	
Blast	2021-10-26	2021-10-26 11:30	Caribou	2	Running				NA				-96.666558	65.401794				
Incidental	2021-10-26	2021-10-26 11:38	Caribou	2	potting/runn		W		NA	West			-96.688746	65.416918		No -	Not Exceeded	
Weekly Mine Inspection	2021-10-26	NA		NA					NA				NA	NA				
Blast	2021-10-27	NA		NA					NA				NA	NA				
Blast	2021-10-29	NA		NA					NA				NA	NA				
Mine & Pit	2021-10-30	NA		NA					NA				NA	NA				
Blast	2021-10-30	NA		NA					NA				NA	NA				
Blast	2021-10-31	NA		NA					NA				NA	NA				
Blast	2021-11-01	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-11-02	NA		NA					NA				NA	NA				
Blast	2021-11-05	NA		NA					NA				NA	NA				
Incidental	2021-11-06	2021-11-06 5:40	Snowy owl	1	Flying		NW		NA	North			-96.697302	65.403718		No -	Not Exceeded	
Blast	2021-11-06	NA		NA					NA				NA	NA				
Mine & Pit	2021-11-06	NA		NA					NA				NA	NA				
Blast	2021-11-07	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-11-09	NA		NA					NA				NA	NA				
Mine & Pit	2021-11-12	NA		NA					NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Level	Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-11-16	2021-11-16 6:50	Wolverine	1	Running		N		NA	South, West		Was seen on night shift. Gabriel informed environment the next morning.	-96.733436	65.395284		No -	Not Exceeded	
Blast	2021-11-18	NA		NA					NA				NA	NA				
Mine & Pit	2021-11-20	2021-11-20 15:07	Arctic fox	1	botting/runn		N/A	0	NA	West	No	- Near E&I offices -	-96.697302	65.403718		No -	Not Exceeded	
Blast	2021-11-20	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-11-24	NA		NA					NA				NA	NA				
Blast	2021-11-25	NA		NA					NA				NA	NA				
Mine & Pit	2021-11-27	2021-11-27 10:55	Arctic fox	1	otting/runn		E	0	NA	West	Yes	- FWTP -	-96.705273	65.403890		No -	Not Exceeded	
Mine & Pit	2021-11-27	2021-11-27 11:15	Arctic fox	1	otting/runn		SW	0	NA	North	No	- Near HAZMAT seacans -	-96.679148	65.406237		No -	Not Exceeded	
Mine & Pit	2021-11-27	2021-11-27 11:53	Arctic fox	1	Alert		N/A	0	NA	East	N/A	- Next to the windshield washer tote -	-96.667515	65.403194		No -	Not Exceeded	
Blast	2021-11-29	NA		NA					NA				NA	NA				
Blast	2021-11-30	NA		NA					NA				NA	NA				
Blast	2021-12-01	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-12-01	NA		NA					NA				NA	NA				
Mine & Pit	2021-12-04	NA		NA					NA				NA	NA				
Blast	2021-12-05	NA		NA					NA				NA	NA				
Blast	2021-12-06	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-12-07	NA		NA					NA				NA	NA				
Blast	2021-12-08	NA		NA					NA				NA	NA				
Blast	2021-12-09	NA		NA					NA				NA	NA				
Mine & Pit	2021-12-09	NA		NA					NA				NA	NA				
Mine & Pit	2021-12-11	2021-12-11 11:40	Muskox	1	Resting		N/A	300	NA	South	No	- South east of dyno -	-96.733436	65.395284		No -	Not Exceeded	
Blast	2021-12-11	2021-12-11 11:53	Muskox	1	Resting		N/A		NA			South east of Dyno	-96.666558	65.401794				
Incidental	2021-12-13	2021-12-13 11:30	Muskox	1	Standing		N/A		NA	South			-96.733436	65.395284		Yes - One Musx	Not Exceeded	
Mine & Pit	2021-12-14	NA		NA					NA				NA	NA				
Blast	2021-12-14	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-12-14	NA		NA					NA				NA	NA				
Weekly Mine Inspection	2021-12-14	NA		NA					NA				NA	NA				
Blast	2021-12-16	NA		NA					NA				NA	NA				
Mine & Pit	2021-12-18	NA		NA					NA				NA	NA				
Incidental	2021-12-19	2021-12-19 10:05	Arctic fox	1	Feeding		N/A		NA	North		The fox managed to get in the yellow food bin - E&I was contacted and they will repair the bin	-96.679148	65.406237		Yes - The fox wa	Not Exceeded	
Mine & Pit	2021-12-19	2021-12-19 13:37	Arctic fox	1	Walking		NW	50	NA		No	- Whale Tail Dike -	-96.705273	65.403890		No -	Not Exceeded	
Weekly Mine Inspection	2021-12-21	NA		NA					NA				NA	NA				
Mine & Pit	2021-12-25	2021-12-25 11:34	Arctic fox	1	otting/runn		W	0	NA	East	Yes	- Near fusion pad at the WT dike -	-96.705273	65.403890		No -	Not Exceeded	
Weekly Mine Inspection	2021-12-28	NA		NA					NA				NA	NA				

Survey Type	Date	Date/Time	Species	Number	Behaviour	Travel Direction	Distance	KM Marker	Side of Rd	Crossing	Comments	x coord	y coord	Deterrence	Tolerance	Group Threshold	Mitigation
Incidental	2021-09-10	2021-09-10 14:22	Peregrine falcon	3	Alert	N/A		NA			Dive bombing when sampling	-95.971700	64.325250	No		Not Exceeded	

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
1	116	2021-10-01	12:00	East	Yes	No	-	-					
1	116	2021-10-01	12:00	East	Yes	No	-	-					
1	116	2021-10-01	12:00	West	Yes	No	-	-					
1	116	2021-10-01	12:00	West	Yes	No	-	-					
2	118	2021-10-01	12:00	East	Yes	No	-	-					
2	118	2021-10-01	12:00	East	Yes	No	-	-					
2	118	2021-10-01	12:00	West	Yes	No	-	-					
2	118	2021-10-01	12:00	West	Yes	No	-	-					
3	121-122	2021-10-01	12:00	East	Yes	No	-	-					
3	121-122	2021-10-01	12:00	East	Yes	No	-	-					
3	121-122	2021-10-01	12:00	West	Yes	No	-	-					
3	121-122	2021-10-01	12:00	West	Yes	No	-	-					
4	128	2021-10-01	12:00	East	Yes	Yes	Caribou	8	Lichen,Lichen-Rock,Road	Walking	E	East	10
4	128	2021-10-01	12:00	East	Yes	Yes	-	-					
4	128	2021-10-01	12:00	West	Yes	Yes	-	-					
4	128	2021-10-01	12:00	West	Yes	Yes	-	-					
5	133	2021-10-01	12:00	East	Yes	Yes	-	-					
5	133	2021-10-01	12:00	East	Yes	Yes	-	-					
5	133	2021-10-01	12:00	West	Yes	Yes	Caribou	2	Lichen,Rock & Boulder,Sedge, Water	Walking	S	West	350
5	133	2021-10-01	12:00	West	Yes	Yes	-	-					
6	138	2021-10-01	12:00	East	Yes	No	-	-					
6	138	2021-10-01	12:00	East	Yes	No	-	-					
6	138	2021-10-01	12:00	West	Yes	No	-	-					
6	138	2021-10-01	12:00	West	Yes	No	-	-					
7	144	2021-10-01	12:00	East	Yes	No	-	-					
7	144	2021-10-01	12:00	East	Yes	No	-	-					
7	144	2021-10-01	12:00	West	Yes	No	-	-					
7	144	2021-10-01	12:00	West	Yes	No	-	-					
8	154	2021-10-01	12:00	East	Yes	No	-	-					
8	154	2021-10-01	12:00	East	Yes	No	-	-					
8	154	2021-10-01	12:00	West	Yes	No	-	-					
8	154	2021-10-01	12:00	West	Yes	No	-	-					
9	156	2021-10-01	12:00	East	Yes	No	-	-					
9	156	2021-10-01	12:00	East	Yes	No	-	-					
9	156	2021-10-01	12:00	West	Yes	No	-	-					
9	156	2021-10-01	12:00	West	Yes	No	-	-					
10	160-161	2021-10-01	12:00	East	Yes	Yes	Caribou	2	Lichen,Sedge	Walking	SE	East	400
10	160-161	2021-10-01	12:00	East	Yes	Yes	-	-					
10	160-161	2021-10-01	12:00	West	Yes	Yes	-	-					
10	160-161	2021-10-01	12:00	West	Yes	Yes	-	-					
11	166	2021-10-01	12:00	East	Yes	No	-	-					
11	166	2021-10-01	12:00	East	Yes	No	-	-					
11	166	2021-10-01	12:00	West	Yes	No	-	-					
11	166	2021-10-01	12:00	West	Yes	No	-	-					
12	169	2021-10-01	12:00	East	Yes	Yes	-	-					
12	169	2021-10-01	12:00	East	Yes	Yes	-	-					
12	169	2021-10-01	12:00	West	Yes	Yes	Caribou	8	Lichen,Lichen-Rock,Rock & Boulder,Sedge	Resting	S	West	300
12	169	2021-10-01	12:00	West	Yes	Yes	-	-					
13	176	2021-10-01	12:00	East	Yes	Yes	-	-					
13	176	2021-10-01	12:00	East	Yes	Yes	-	-					
13	176	2021-10-01	12:00	West	Yes	Yes	Muskox	13	Rock & Boulder	Lying Down	N/A	West	500
13	176	2021-10-01	12:00	West	Yes	Yes	-	-					
1	116	2021-10-01	6:26	East	Yes	No	-	-					
1	116	2021-10-01	6:26		Yes	No	-	-					
1	116	2021-10-01	6:26	West	Yes	No	-	-					
1	116	2021-10-01	6:26		Yes	No	-	-					
1	116	2021-10-15	13:03	East	Yes	No	-	-					
1	116	2021-10-15	13:03	East	Yes	No	-	-					
1	116	2021-10-15	13:03	West	Yes	No	-	-					
1	116	2021-10-15	13:03	West	Yes	No	-	-					
2	118	2021-10-15	13:03	East	Yes	No	-	-					
2	118	2021-10-15	13:03	East	Yes	No	-	-					
2	118	2021-10-15	13:03	West	Yes	No	-	-					
2	118	2021-10-15	13:03	West	Yes	No	-	-					
3	121-122	2021-10-15	13:03	East	Yes	No	-	-					
3	121-122	2021-10-15	13:03	East	Yes	No	-	-					
3	121-122	2021-10-15	13:03	West	Yes	No	-	-					
3	121-122	2021-10-15	13:03	West	Yes	No	-	-					
4	128	2021-10-15	13:03	East	Yes	No	-	-					
4	128	2021-10-15	13:03	East	Yes	No	-	-					
4	128	2021-10-15	13:03	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
4	128	2021-10-15	13:03	West	Yes	No	-	-					
5	133	2021-10-15	13:03	East	Yes	No	-	-					
5	133	2021-10-15	13:03	East	Yes	No	-	-					
5	133	2021-10-15	13:03	West	Yes	No	-	-					
5	133	2021-10-15	13:03	West	Yes	No	-	-					
6	138	2021-10-15	13:03	East	No Passed without stop		-	-					
6	138	2021-10-15	13:03	East	No Passed without stop		-	-					
6	138	2021-10-15	13:03	West	No Passed without stop		-	-					
6	138	2021-10-15	13:03	West	No Passed without stop		-	-					
7	144	2021-10-15	13:03	East	Yes	No	-	-					
7	144	2021-10-15	13:03	East	Yes	No	-	-					
7	144	2021-10-15	13:03	West	Yes	No	-	-					
7	144	2021-10-15	13:03	West	Yes	No	-	-					
8	154	2021-10-15	13:03	East	Yes	No	-	-					
8	154	2021-10-15	13:03	East	Yes	No	-	-					
8	154	2021-10-15	13:03	West	Yes	No	-	-					
8	154	2021-10-15	13:03	West	Yes	No	-	-					
9	156	2021-10-15	13:03	East	Yes	Yes	-	-					
9	156	2021-10-15	13:03	East	Yes	Yes	-	-					
9	156	2021-10-15	13:03	West	Yes	Yes	Muskox	2	Heath Tundra, Lichen	Feeding	N/A	West	3500
9	156	2021-10-15	13:03	West	Yes	Yes	-	-					
10	160-161	2021-10-15	13:03	East	Yes	No	-	-					
10	160-161	2021-10-15	13:03	East	Yes	No	-	-					
10	160-161	2021-10-15	13:03	West	Yes	No	-	-					
10	160-161	2021-10-15	13:03	West	Yes	No	-	-					
11	166	2021-10-15	13:03	East	Yes	No	-	-					
11	166	2021-10-15	13:03	East	Yes	No	-	-					
11	166	2021-10-15	13:03	West	Yes	No	-	-					
11	166	2021-10-15	13:03	West	Yes	No	-	-					
12	169	2021-10-15	13:03	East	Yes	Yes	Muskox	3	Heath Tundra	Feeding	N/A	East	3500
12	169	2021-10-15	13:03	East	Yes	Yes	-	-					
12	169	2021-10-15	13:03	West	Yes	Yes	-	-					
12	169	2021-10-15	13:03	West	Yes	Yes	-	-					
13	176	2021-10-15	13:03	East	Yes	No	-	-					
13	176	2021-10-15	13:03	East	Yes	No	-	-					
13	176	2021-10-15	13:03	West	Yes	No	-	-					
13	176	2021-10-15	13:03	West	Yes	No	-	-					
1	116	2021-10-21	11:15	East	Yes	No	-	-					
1	116	2021-10-21	11:15	East	Yes	No	-	-					
1	116	2021-10-21	11:15	West	Yes	No	-	-					
1	116	2021-10-21	11:15	West	Yes	No	-	-					
2	118	2021-10-21	11:15	East	Yes	Yes	Caribou	4	Heath Tundra, Rock & Boulder	Foraging	N/A	East	75
2	118	2021-10-21	11:15	East	Yes	Yes	-	-					
2	118	2021-10-21	11:15	West	Yes	Yes	-	-					
2	118	2021-10-21	11:15	West	Yes	Yes	-	-					
3	121-122	2021-10-21	11:15	East	Yes	No	-	-					
3	121-122	2021-10-21	11:15	East	Yes	No	-	-					
3	121-122	2021-10-21	11:15	West	Yes	No	-	-					
3	121-122	2021-10-21	11:15	West	Yes	No	-	-					
4	128	2021-10-21	11:15	East	Yes	No	-	-					
4	128	2021-10-21	11:15	East	Yes	No	-	-					
4	128	2021-10-21	11:15	West	Yes	No	-	-					
4	128	2021-10-21	11:15	West	Yes	No	-	-					
5	133	2021-10-21	11:15	East	Yes	No	-	-					
5	133	2021-10-21	11:15	East	Yes	No	-	-					
5	133	2021-10-21	11:15	West	Yes	No	-	-					
5	133	2021-10-21	11:15	West	Yes	No	-	-					
6	138	2021-10-21	11:15	East	Yes	No	-	-					
6	138	2021-10-21	11:15	East	Yes	No	-	-					
6	138	2021-10-21	11:15	West	Yes	No	-	-					
6	138	2021-10-21	11:15	West	Yes	No	-	-					
7	144	2021-10-21	11:15	East	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
7	144	2021-10-21	11:15	East	Yes	No	-	-					
7	144	2021-10-21	11:15	West	Yes	No	-	-					
7	144	2021-10-21	11:15	West	Yes	No	-	-					
8	154	2021-10-21	11:15	East	Yes	No	-	-					
8	154	2021-10-21	11:15	East	Yes	No	-	-					
8	154	2021-10-21	11:15	West	Yes	No	-	-					
8	154	2021-10-21	11:15	West	Yes	No	-	-					
9	156	2021-10-21	11:15	East	Yes	No	-	-					
9	156	2021-10-21	11:15	East	Yes	No	-	-					
9	156	2021-10-21	11:15	West	Yes	No	-	-					
9	156	2021-10-21	11:15	West	Yes	No	-	-					
10	160-161	2021-10-21	11:15	East	Yes	No	-	-					
10	160-161	2021-10-21	11:15	West	Yes	No	-	-					
10	160-161	2021-10-21	11:15	West	Yes	No	-	-					
11	166	2021-10-21	11:15	East	Yes	No	-	-					
11	166	2021-10-21	11:15	East	Yes	No	-	-					
11	166	2021-10-21	11:15	West	Yes	No	-	-					
11	166	2021-10-21	11:15	West	Yes	No	-	-					
12	169	2021-10-21	11:15	East	Yes	No	-	-					
12	169	2021-10-21	11:15	East	Yes	No	-	-					
12	169	2021-10-21	11:15	West	Yes	No	-	-					
12	169	2021-10-21	11:15	West	Yes	No	-	-					
13	176	2021-10-21	11:15	East	Yes	No	-	-					
13	176	2021-10-21	11:15	East	Yes	No	-	-					
13	176	2021-10-21	11:15	West	Yes	No	-	-					
13	176	2021-10-21	11:15	West	Yes	No	-	-					
1	116	2021-10-28	12:12	East	Yes	No	-	-					
1	116	2021-10-28	12:12	East	Yes	No	-	-					
1	116	2021-10-28	12:12	West	Yes	No	-	-					
1	116	2021-10-28	12:12	West	Yes	No	-	-					
2	118	2021-10-28	12:12	East	Yes	No	-	-					
2	118	2021-10-28	12:12	East	Yes	No	-	-					
2	118	2021-10-28	12:12	West	Yes	No	-	-					
2	118	2021-10-28	12:12	West	Yes	No	-	-					
3	121-122	2021-10-28	12:12	East	Yes	No	-	-					
3	121-122	2021-10-28	12:12	East	Yes	No	-	-					
3	121-122	2021-10-28	12:12	West	Yes	No	-	-					
3	121-122	2021-10-28	12:12	West	Yes	No	-	-					
4	128	2021-10-28	12:12	East	Yes	No	-	-					
4	128	2021-10-28	12:12	East	Yes	No	-	-					
4	128	2021-10-28	12:12	West	Yes	No	-	-					
4	128	2021-10-28	12:12	West	Yes	No	-	-					
5	133	2021-10-28	12:12	East	Yes	No	-	-					
5	133	2021-10-28	12:12	East	Yes	No	-	-					
5	133	2021-10-28	12:12	West	Yes	No	-	-					
5	133	2021-10-28	12:12	West	Yes	No	-	-					
6	138	2021-10-28	12:12	East	Yes	No	-	-					
6	138	2021-10-28	12:12	East	Yes	No	-	-					
6	138	2021-10-28	12:12	West	Yes	No	-	-					
6	138	2021-10-28	12:12	West	Yes	No	-	-					
7	144	2021-10-28	12:12	East	Yes	No	-	-					
7	144	2021-10-28	12:12	East	Yes	No	-	-					
7	144	2021-10-28	12:12	West	Yes	No	-	-					
7	144	2021-10-28	12:12	West	Yes	No	-	-					
8	154	2021-10-28	12:12	East	Yes	No	-	-					
8	154	2021-10-28	12:12	East	Yes	No	-	-					
8	154	2021-10-28	12:12	West	Yes	No	-	-					
8	154	2021-10-28	12:12	West	Yes	No	-	-					
9	156	2021-10-28	12:12	East	Yes	No	-	-					
9	156	2021-10-28	12:12	East	Yes	No	-	-					
9	156	2021-10-28	12:12	West	Yes	No	-	-					
9	156	2021-10-28	12:12	West	Yes	No	-	-					
10	160-161	2021-10-28	12:12	East	Yes	No	-	-					
10	160-161	2021-10-28	12:12	East	Yes	No	-	-					
10	160-161	2021-10-28	12:12	West	Yes	No	-	-					
10	160-161	2021-10-28	12:12	West	Yes	No	-	-					
11	166	2021-10-28	12:12	East	Yes	No	-	-					
11	166	2021-10-28	12:12	East	Yes	No	-	-					
11	166	2021-10-28	12:12	West	Yes	No	-	-					
11	166	2021-10-28	12:12	West	Yes	No	-	-					
12	169	2021-10-28	12:12	East	Yes	No	-	-					
12	169	2021-10-28	12:12	East	Yes	No	-	-					
12	169	2021-10-28	12:12	West	Yes	No	-	-					
12	169	2021-10-28	12:12	West	Yes	No	-	-					
13	176	2021-10-28	12:12	East	Yes	No	-	-					
13	176	2021-10-28	12:12	East	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
13	176	2021-10-28	12:12	West	Yes	No	-	-					
13	176	2021-10-28	12:12	West	Yes	No	-	-					
1	116	2021-10-31	9:02	East	Yes	No	-	-					
1	116	2021-10-31	9:02	East	Yes	No	-	-					
1	116	2021-10-31	9:02	West	Yes	No	-	-					
1	116	2021-10-31	9:02	West	Yes	No	-	-					
2	118	2021-10-31	9:02	East	Yes	No	-	-					
2	118	2021-10-31	9:02	East	Yes	No	-	-					
2	118	2021-10-31	9:02	West	Yes	No	-	-					
2	118	2021-10-31	9:02	West	Yes	No	-	-					
3	121-122	2021-10-31	9:02	East	Yes	Yes	-	-					
3	121-122	2021-10-31	9:02	East	Yes	Yes	-	-					
3	121-122	2021-10-31	9:02	West	Yes	Yes	Ptarmigan	5	Heath Tundra	Flying	O	West	30
3	121-122	2021-10-31	9:02	West	Yes	Yes	-	-					
4	128	2021-10-31	9:02	East	Yes	No	-	-					
4	128	2021-10-31	9:02	East	Yes	No	-	-					
4	128	2021-10-31	9:02	West	Yes	No	-	-					
4	128	2021-10-31	9:02	West	Yes	No	-	-					
5	133	2021-10-31	9:02	East	Yes	No	-	-					
5	133	2021-10-31	9:02	East	Yes	No	-	-					
5	133	2021-10-31	9:02	West	Yes	No	-	-					
5	133	2021-10-31	9:02	West	Yes	No	-	-					
6	138	2021-10-31	9:02	East	Yes	No	-	-					
6	138	2021-10-31	9:02	East	Yes	No	-	-					
6	138	2021-10-31	9:02	West	Yes	No	-	-					
6	138	2021-10-31	9:02	West	Yes	No	-	-					
7	144	2021-10-31	9:02	East	Yes	No	-	-					
7	144	2021-10-31	9:02	East	Yes	No	-	-					
7	144	2021-10-31	9:02	West	Yes	No	-	-					
7	144	2021-10-31	9:02	West	Yes	No	-	-					
8	154	2021-10-31	9:02	East	Yes	No	-	-					
8	154	2021-10-31	9:02	East	Yes	No	-	-					
8	154	2021-10-31	9:02	West	Yes	No	-	-					
8	154	2021-10-31	9:02	West	Yes	No	-	-					
9	156	2021-10-31	9:02	East	Yes	No	-	-					
9	156	2021-10-31	9:02	East	Yes	No	-	-					
9	156	2021-10-31	9:02	West	Yes	No	-	-					
9	156	2021-10-31	9:02	West	Yes	No	-	-					
10	160-161	2021-10-31	9:02	East	Yes	No	-	-					
10	160-161	2021-10-31	9:02	East	Yes	No	-	-					
10	160-161	2021-10-31	9:02	West	Yes	No	-	-					
10	160-161	2021-10-31	9:02	West	Yes	No	-	-					
11	166	2021-10-31	9:02	East	Yes	No	-	-					
11	166	2021-10-31	9:02	East	Yes	No	-	-					
11	166	2021-10-31	9:02	West	Yes	No	-	-					
11	166	2021-10-31	9:02	West	Yes	No	-	-					
12	169	2021-10-31	9:02	East	Yes	No	-	-					
12	169	2021-10-31	9:02	East	Yes	No	-	-					
12	169	2021-10-31	9:02	West	Yes	No	-	-					
12	169	2021-10-31	9:02	West	Yes	No	-	-					
13	176	2021-10-31	9:02	East	Yes	No	-	-					
13	176	2021-10-31	9:02	East	Yes	No	-	-					
13	176	2021-10-31	9:02	West	Yes	No	-	-					
13	176	2021-10-31	9:02	West	Yes	No	-	-					
1	116	2021-10-06	12:54	East	Yes	No	-	-					
1	116	2021-10-06	12:54	East	Yes	No	-	-					
1	116	2021-10-06	12:54	West	Yes	No	-	-					
1	116	2021-10-06	12:54	West	Yes	No	-	-					
2	118	2021-10-06	12:54	East	Yes	No	-	-					
2	118	2021-10-06	12:54	East	Yes	No	-	-					
2	118	2021-10-06	12:54	West	Yes	No	-	-					
2	118	2021-10-06	12:54	West	Yes	No	-	-					
3	121-122	2021-10-06	12:54	East	Yes	No	-	-					
3	121-122	2021-10-06	12:54	East	Yes	No	-	-					
3	121-122	2021-10-06	12:54	West	Yes	No	-	-					
3	121-122	2021-10-06	12:54	West	Yes	No	-	-					
4	128	2021-10-06	12:54	East	Yes	Yes	Muskox	9	Hilltop	Feeding	N/A	East	3000
4	128	2021-10-06	12:54	East	Yes	Yes	-	-					
4	128	2021-10-06	12:54	West	Yes	Yes	-	-					
4	128	2021-10-06	12:54	West	Yes	Yes	-	-					
5	133	2021-10-06	12:54	East	Yes	No	-	-					
5	133	2021-10-06	12:54	East	Yes	No	-	-					
5	133	2021-10-06	12:54	West	Yes	No	-	-					
5	133	2021-10-06	12:54	West	Yes	No	-	-					
6	138	2021-10-06	12:54	East	Yes	No	-	-					
6	138	2021-10-06	12:54	East	Yes	No	-	-					
6	138	2021-10-06	12:54	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
6	138	2021-10-06	12:54	West	Yes	No	-	-					
7	144	2021-10-06	12:54	East	Yes	No	-	-					
7	144	2021-10-06	12:54	East	Yes	No	-	-					
7	144	2021-10-06	12:54	West	Yes	No	-	-					
7	144	2021-10-06	12:54	West	Yes	No	-	-					
8	154	2021-10-06	12:54	East	Yes	No	-	-					
8	154	2021-10-06	12:54	East	Yes	No	-	-					
8	154	2021-10-06	12:54	West	Yes	No	-	-					
8	154	2021-10-06	12:54	West	Yes	No	-	-					
9	156	2021-10-06	12:54	East	Yes	No	-	-					
9	156	2021-10-06	12:54	East	Yes	No	-	-					
9	156	2021-10-06	12:54	West	Yes	No	-	-					
9	156	2021-10-06	12:54	West	Yes	No	-	-					
10	160-161	2021-10-06	12:54	East	Yes	No	-	-					
10	160-161	2021-10-06	12:54	East	Yes	No	-	-					
10	160-161	2021-10-06	12:54	West	Yes	No	-	-					
10	160-161	2021-10-06	12:54	West	Yes	No	-	-					
11	166	2021-10-06	12:54	East	Yes	No	-	-					
11	166	2021-10-06	12:54	East	Yes	No	-	-					
11	166	2021-10-06	12:54	West	Yes	No	-	-					
11	166	2021-10-06	12:54	West	Yes	No	-	-					
12	169	2021-10-06	12:54	East	Yes	Yes	Muskox	6	Hilltop	Feeding	N/A	East	1500
12	169	2021-10-06	12:54	East	Yes	Yes	-	-					
12	169	2021-10-06	12:54	West	Yes	Yes	-	-					
12	169	2021-10-06	12:54	West	Yes	Yes	-	-					
13	176	2021-10-06	12:54	East	Yes	No	-	-					
13	176	2021-10-06	12:54	East	Yes	No	-	-					
13	176	2021-10-06	12:54	West	Yes	No	-	-					
13	176	2021-10-06	12:54	West	Yes	No	-	-					
1	116	2021-11-22	10:46	East	Yes	No	-	-					
1	116	2021-11-22	10:46	East	Yes	No	-	-					
1	116	2021-11-22	10:46	West	Yes	No	-	-					
1	116	2021-11-22	10:46	West	Yes	No	-	-					
2	118	2021-11-22	10:46	East	Yes	No	-	-					
2	118	2021-11-22	10:46	East	Yes	No	-	-					
2	118	2021-11-22	10:46	West	Yes	No	-	-					
2	118	2021-11-22	10:46	West	Yes	No	-	-					
3	121-122	2021-11-22	10:46	East	Yes	No	-	-					
3	121-122	2021-11-22	10:46	East	Yes	No	-	-					
3	121-122	2021-11-22	10:46	West	Yes	No	-	-					
3	121-122	2021-11-22	10:46	West	Yes	No	-	-					
4	128	2021-11-22	10:46	East	Yes	No	-	-					
4	128	2021-11-22	10:46	East	Yes	No	-	-					
4	128	2021-11-22	10:46	West	Yes	No	-	-					
4	128	2021-11-22	10:46	West	Yes	No	-	-					
5	133	2021-11-22	10:46	East	Yes	No	-	-					
5	133	2021-11-22	10:46	East	Yes	No	-	-					
5	133	2021-11-22	10:46	West	Yes	No	-	-					
5	133	2021-11-22	10:46	West	Yes	No	-	-					
6	138	2021-11-22	10:46	East	Yes	No	-	-					
6	138	2021-11-22	10:46	East	Yes	No	-	-					
6	138	2021-11-22	10:46	West	Yes	No	-	-					
6	138	2021-11-22	10:46	West	Yes	No	-	-					
7	144	2021-11-22	10:46	East	Yes	No	-	-					
7	144	2021-11-22	10:46	East	Yes	No	-	-					
7	144	2021-11-22	10:46	West	Yes	No	-	-					
7	144	2021-11-22	10:46	West	Yes	No	-	-					
8	154	2021-11-22	10:46	East	Yes	No	-	-					
8	154	2021-11-22	10:46	East	Yes	No	-	-					
8	154	2021-11-22	10:46	West	Yes	No	-	-					
8	154	2021-11-22	10:46	West	Yes	No	-	-					
9	156	2021-11-22	10:46	East	Yes	No	-	-					
9	156	2021-11-22	10:46	East	Yes	No	-	-					
9	156	2021-11-22	10:46	West	Yes	No	-	-					
9	156	2021-11-22	10:46	West	Yes	No	-	-					
10	160-161	2021-11-22	10:46	East	Yes	No	-	-					
10	160-161	2021-11-22	10:46	East	Yes	No	-	-					
10	160-161	2021-11-22	10:46	West	Yes	No	-	-					
10	160-161	2021-11-22	10:46	West	Yes	No	-	-					
11	166	2021-11-22	10:46	East	Yes	No	-	-					
11	166	2021-11-22	10:46	East	Yes	No	-	-					
11	166	2021-11-22	10:46	West	Yes	No	-	-					
11	166	2021-11-22	10:46	West	Yes	No	-	-					
12	169	2021-11-22	10:46	East	Yes	No	-	-					
12	169	2021-11-22	10:46	East	Yes	No	-	-					
12	169	2021-11-22	10:46	West	Yes	No	-	-					
12	169	2021-11-22	10:46	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Completed	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
13	176	2021-11-22	10:46	East	Yes	No	-	-					
13	176	2021-11-22	10:46	East	Yes	No	-	-					
13	176	2021-11-22	10:46	West	Yes	No	-	-					
13	176	2021-11-22	10:46	West	Yes	No	-	-					
1	116	2021-11-26	12:00	East	Yes	Yes	-	-					
1	116	2021-11-26	12:00	East	Yes	Yes	-	-					
1	116	2021-11-26	12:00	West	Yes	Yes	Arctic fox	1	Road	Trotting/running	S	West	0
1	116	2021-11-26	12:00	West	Yes	Yes	-	-					
2	118	2021-11-26	12:00	East	Yes	No	-	-					
2	118	2021-11-26	12:00	East	Yes	No	-	-					
2	118	2021-11-26	12:00	West	Yes	No	-	-					
2	118	2021-11-26	12:00	West	Yes	No	-	-					
3	121-122	2021-11-26	12:00	East	Yes	No	-	-					
3	121-122	2021-11-26	12:00	East	Yes	No	-	-					
3	121-122	2021-11-26	12:00	West	Yes	No	-	-					
3	121-122	2021-11-26	12:00	West	Yes	No	-	-					
4	128	2021-11-26	12:00	East	Yes	No	-	-					
4	128	2021-11-26	12:00	East	Yes	No	-	-					
4	128	2021-11-26	12:00	West	Yes	No	-	-					
4	128	2021-11-26	12:00	West	Yes	No	-	-					
5	133	2021-11-26	12:00	East	Yes	No	-	-					
5	133	2021-11-26	12:00	East	Yes	No	-	-					
5	133	2021-11-26	12:00	West	Yes	No	-	-					
5	133	2021-11-26	12:00	West	Yes	No	-	-					
6	138	2021-11-26	12:00	East	Yes	No	-	-					
6	138	2021-11-26	12:00	East	Yes	No	-	-					
6	138	2021-11-26	12:00	West	Yes	No	-	-					
6	138	2021-11-26	12:00	West	Yes	No	-	-					
7	144	2021-11-26	12:00	East	Yes	No	-	-					
7	144	2021-11-26	12:00	East	Yes	No	-	-					
7	144	2021-11-26	12:00	West	Yes	No	-	-					
7	144	2021-11-26	12:00	West	Yes	No	-	-					
8	154	2021-11-26	12:00	East	Yes	No	-	-					
8	154	2021-11-26	12:00	East	Yes	No	-	-					
8	154	2021-11-26	12:00	West	Yes	No	-	-					
8	154	2021-11-26	12:00	West	Yes	No	-	-					
9	156	2021-11-26	12:00	East	Yes	No	-	-					
9	156	2021-11-26	12:00	East	Yes	No	-	-					
9	156	2021-11-26	12:00	West	Yes	No	-	-					
9	156	2021-11-26	12:00	West	Yes	No	-	-					
10	160-161	2021-11-26	12:00	East	Yes	Yes	-	-					
10	160-161	2021-11-26	12:00	East	Yes	Yes	-	-					
10	160-161	2021-11-26	12:00	West	Yes	Yes	Arctic fox	1	Road	Trotting/running	N	West	0
10	160-161	2021-11-26	12:00	West	Yes	Yes	-	-					
11	166	2021-11-26	12:00	East	Yes	Yes	-	-					
11	166	2021-11-26	12:00	East	Yes	Yes	-	-					
11	166	2021-11-26	12:00	West	Yes	Yes	Caribou	3	Hilltop	Alert	N/A	West	15000
11	166	2021-11-26	12:00	West	Yes	Yes	-	-					
12	169	2021-11-26	12:00	East	Yes	Yes	Common raven	1	Heath Tundra	Flying	S	East	1000
12	169	2021-11-26	12:00	East	Yes	Yes	-	-					
12	169	2021-11-26	12:00	West	Yes	Yes	-	-					
12	169	2021-11-26	12:00	West	Yes	Yes	-	-					
13	176	2021-11-26	12:00	East	Yes	No	-	-					
13	176	2021-11-26	12:00	East	Yes	No	-	-					
13	176	2021-11-26	12:00	West	Yes	No	-	-					
13	176	2021-11-26	12:00	West	Yes	No	-	-					
1	116	2021-11-03	13:31	East	Yes	No	-	-					
1	116	2021-11-03	13:31	East	Yes	No	-	-					
1	116	2021-11-03	13:31	West	Yes	No	-	-					
1	116	2021-11-03	13:31	West	Yes	No	-	-					
2	118	2021-11-03	13:31	East	Yes	No	-	-					
2	118	2021-11-03	13:31	East	Yes	No	-	-					
2	118	2021-11-03	13:31	West	Yes	No	-	-					
2	118	2021-11-03	13:31	West	Yes	No	-	-					
3	121-122	2021-11-03	13:31	East	Yes	No	-	-					
3	121-122	2021-11-03	13:31	East	Yes	No	-	-					
3	121-122	2021-11-03	13:31	West	Yes	No	-	-					
3	121-122	2021-11-03	13:31	West	Yes	No	-	-					
4	128	2021-11-03	13:31	East	Yes	Yes	Caribou	6	Heath Tundra, Lichen-Rock	Running	E	East	800
4	128	2021-11-03	13:31	East	Yes	Yes	-	-					
4	128	2021-11-03	13:31	West	Yes	Yes	-	-					
4	128	2021-11-03	13:31	West	Yes	Yes	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
5	133	2021-11-03	13:31	East	Yes	No	-	-					
5	133	2021-11-03	13:31	East	Yes	No	-	-					
5	133	2021-11-03	13:31	West	Yes	No	-	-					
5	133	2021-11-03	13:31	West	Yes	No	-	-					
6	138	2021-11-03	13:31	East	Yes	No	-	-					
6	138	2021-11-03	13:31	East	Yes	No	-	-					
6	138	2021-11-03	13:31	West	Yes	No	-	-					
6	138	2021-11-03	13:31	West	Yes	No	-	-					
7	144	2021-11-03	13:31	East	Yes	No	-	-					
7	144	2021-11-03	13:31	East	Yes	No	-	-					
7	144	2021-11-03	13:31	West	Yes	No	-	-					
7	144	2021-11-03	13:31	West	Yes	No	-	-					
8	154	2021-11-03	13:31	East	Yes	No	-	-					
8	154	2021-11-03	13:31	East	Yes	No	-	-					
8	154	2021-11-03	13:31	West	Yes	No	-	-					
8	154	2021-11-03	13:31	West	Yes	No	-	-					
9	156	2021-11-03	13:31	East	Yes	No	-	-					
9	156	2021-11-03	13:31	East	Yes	No	-	-					
9	156	2021-11-03	13:31	West	Yes	No	-	-					
9	156	2021-11-03	13:31	West	Yes	No	-	-					
10	160-161	2021-11-03	13:31	East	Yes	No	-	-					
10	160-161	2021-11-03	13:31	East	Yes	No	-	-					
10	160-161	2021-11-03	13:31	West	Yes	No	-	-					
10	160-161	2021-11-03	13:31	West	Yes	No	-	-					
11	166	2021-11-03	13:31	East	Yes	No	-	-					
11	166	2021-11-03	13:31	East	Yes	No	-	-					
11	166	2021-11-03	13:31	West	Yes	No	-	-					
11	166	2021-11-03	13:31	West	Yes	No	-	-					
12	169	2021-11-03	13:31	East	Yes	Yes	Caribou	3	Heath Tundra, Lichen-Rock	Feeding	N/A	East	100
12	169	2021-11-03	13:31	East	Yes	Yes	-	-					
12	169	2021-11-03	13:31	West	Yes	Yes	-	-					
12	169	2021-11-03	13:31	West	Yes	Yes	-	-					
13	176	2021-11-03	13:31	East	Yes	No	-	-					
13	176	2021-11-03	13:31	East	Yes	No	-	-					
13	176	2021-11-03	13:31	West	Yes	No	-	-					
13	176	2021-11-03	13:31	West	Yes	No	-	-					
1	116	2021-11-07	13:05	East	Yes	No	-	-					
1	116	2021-11-07	13:05	East	Yes	No	-	-					
1	116	2021-11-07	13:05	West	Yes	No	-	-					
1	116	2021-11-07	13:05	West	Yes	No	-	-					
2	118	2021-11-07	13:05	East	Yes	No	-	-					
2	118	2021-11-07	13:05	East	Yes	No	-	-					
2	118	2021-11-07	13:05	West	Yes	No	-	-					
2	118	2021-11-07	13:05	West	Yes	No	-	-					
3	121-122	2021-11-07	13:05	East	Yes	No	-	-					
3	121-122	2021-11-07	13:05	East	Yes	No	-	-					
3	121-122	2021-11-07	13:05	West	Yes	No	-	-					
3	121-122	2021-11-07	13:05	West	Yes	No	-	-					
4	128	2021-11-07	13:05	East	Yes	No	-	-					
4	128	2021-11-07	13:05	East	Yes	No	-	-					
4	128	2021-11-07	13:05	West	Yes	No	-	-					
4	128	2021-11-07	13:05	West	Yes	No	-	-					
5	133	2021-11-07	13:05	East	Yes	No	-	-					
5	133	2021-11-07	13:05	East	Yes	No	-	-					
5	133	2021-11-07	13:05	West	Yes	No	-	-					
5	133	2021-11-07	13:05	West	Yes	No	-	-					
6	138	2021-11-07	13:05	East	Yes	No	-	-					
6	138	2021-11-07	13:05	East	Yes	No	-	-					
6	138	2021-11-07	13:05	West	Yes	No	-	-					
6	138	2021-11-07	13:05	West	Yes	No	-	-					
7	144	2021-11-07	13:05	East	Yes	No	-	-					
7	144	2021-11-07	13:05	East	Yes	No	-	-					
7	144	2021-11-07	13:05	West	Yes	No	-	-					
7	144	2021-11-07	13:05	West	Yes	No	-	-					
8	154	2021-11-07	13:05	East	Yes	No	-	-					
8	154	2021-11-07	13:05	East	Yes	No	-	-					
8	154	2021-11-07	13:05	West	Yes	No	-	-					
8	154	2021-11-07	13:05	West	Yes	No	-	-					
9	156	2021-11-07	13:05	East	Yes	No	-	-					
9	156	2021-11-07	13:05	East	Yes	No	-	-					
9	156	2021-11-07	13:05	West	Yes	No	-	-					
9	156	2021-11-07	13:05	West	Yes	No	-	-					
10	160-161	2021-11-07	13:05	East	Yes	No	-	-					
10	160-161	2021-11-07	13:05	East	Yes	No	-	-					
10	160-161	2021-11-07	13:05	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
10	160-161	2021-11-07	13:05	West	Yes	No	-	-					
11	166	2021-11-07	13:05	East	Yes	No	-	-					
11	166	2021-11-07	13:05	East	Yes	No	-	-					
11	166	2021-11-07	13:05	West	Yes	No	-	-					
11	166	2021-11-07	13:05	West	Yes	No	-	-					
12	169	2021-11-07	13:05	East	Yes	No	-	-					
12	169	2021-11-07	13:05	East	Yes	No	-	-					
12	169	2021-11-07	13:05	West	Yes	No	-	-					
12	169	2021-11-07	13:05	West	Yes	No	-	-					
13	176	2021-11-07	13:05	East	Yes	No	-	-					
13	176	2021-11-07	13:05	East	Yes	No	-	-					
13	176	2021-11-07	13:05	West	Yes	No	-	-					
13	176	2021-11-07	13:05	West	Yes	No	-	-					
1	116	2021-12-16	10:02	East	Yes	No	-	-					
1	116	2021-12-16	10:02	East	Yes	No	-	-					
1	116	2021-12-16	10:02	West	Yes	No	-	-					
1	116	2021-12-16	10:02	West	Yes	No	-	-					
2	118	2021-12-16	10:02	East	Yes	No	-	-					
2	118	2021-12-16	10:02	East	Yes	No	-	-					
2	118	2021-12-16	10:02	West	Yes	No	-	-					
2	118	2021-12-16	10:02	West	Yes	No	-	-					
3	121-122	2021-12-16	10:02	East	Yes	No	-	-					
3	121-122	2021-12-16	10:02	East	Yes	No	-	-					
3	121-122	2021-12-16	10:02	West	Yes	No	-	-					
3	121-122	2021-12-16	10:02	West	Yes	No	-	-					
4	128	2021-12-16	10:02	East	Yes	No	-	-					
4	128	2021-12-16	10:02	East	Yes	No	-	-					
4	128	2021-12-16	10:02	West	Yes	No	-	-					
4	128	2021-12-16	10:02	West	Yes	No	-	-					
5	133	2021-12-16	10:02	East	Yes	No	-	-					
5	133	2021-12-16	10:02	East	Yes	No	-	-					
5	133	2021-12-16	10:02	West	Yes	No	-	-					
5	133	2021-12-16	10:02	West	Yes	No	-	-					
6	138	2021-12-16	10:02	East	Yes	No	-	-					
6	138	2021-12-16	10:02	East	Yes	No	-	-					
6	138	2021-12-16	10:02	West	Yes	No	-	-					
6	138	2021-12-16	10:02	West	Yes	No	-	-					
7	144	2021-12-16	10:02	East	Yes	No	-	-					
7	144	2021-12-16	10:02	East	Yes	No	-	-					
7	144	2021-12-16	10:02	West	Yes	No	-	-					
7	144	2021-12-16	10:02	West	Yes	No	-	-					
8	154	2021-12-16	10:02	East	Yes	No	-	-					
8	154	2021-12-16	10:02	East	Yes	No	-	-					
8	154	2021-12-16	10:02	West	Yes	No	-	-					
8	154	2021-12-16	10:02	West	Yes	No	-	-					
9	156	2021-12-16	10:02	East	Yes	No	-	-					
9	156	2021-12-16	10:02	East	Yes	No	-	-					
9	156	2021-12-16	10:02	West	Yes	No	-	-					
9	156	2021-12-16	10:02	West	Yes	No	-	-					
10	160-161	2021-12-16	10:02	East	Yes	No	-	-					
10	160-161	2021-12-16	10:02	East	Yes	No	-	-					
10	160-161	2021-12-16	10:02	West	Yes	No	-	-					
10	160-161	2021-12-16	10:02	West	Yes	No	-	-					
11	166	2021-12-16	10:02	East	Yes	No	-	-					
11	166	2021-12-16	10:02	East	Yes	No	-	-					
11	166	2021-12-16	10:02	West	Yes	No	-	-					
11	166	2021-12-16	10:02	West	Yes	No	-	-					
12	169	2021-12-16	10:02	East	Yes	No	-	-					
12	169	2021-12-16	10:02	East	Yes	No	-	-					
12	169	2021-12-16	10:02	West	Yes	No	-	-					
12	169	2021-12-16	10:02	West	Yes	No	-	-					
13	176	2021-12-16	10:02	East	Yes	No	-	-					
13	176	2021-12-16	10:02	East	Yes	No	-	-					
13	176	2021-12-16	10:02	West	Yes	No	-	-					
13	176	2021-12-16	10:02	West	Yes	No	-	-					
1	116	2021-12-02	6:56	East	Yes	No	-	-					
1	116	2021-12-02	6:56	East	Yes	No	-	-					
1	116	2021-12-02	6:56	West	Yes	No	-	-					
1	116	2021-12-02	6:56	West	Yes	No	-	-					
2	118	2021-12-02	6:56	East	Yes	No	-	-					
2	118	2021-12-02	6:56	East	Yes	No	-	-					
2	118	2021-12-02	6:56	West	Yes	No	-	-					
2	118	2021-12-02	6:56	West	Yes	No	-	-					
3	121-122	2021-12-02	6:56	East	Yes	No	-	-					
3	121-122	2021-12-02	6:56	East	Yes	No	-	-					
3	121-122	2021-12-02	6:56	West	Yes	No	-	-					
3	121-122	2021-12-02	6:56	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
4	128	2021-12-02	6:56	East	Yes	No	-	-					
4	128	2021-12-02	6:56	East	Yes	No	-	-					
4	128	2021-12-02	6:56	West	Yes	No	-	-					
4	128	2021-12-02	6:56	West	Yes	No	-	-					
5	133	2021-12-02	6:56	East	Yes	No	-	-					
5	133	2021-12-02	6:56	East	Yes	No	-	-					
5	133	2021-12-02	6:56	West	Yes	No	-	-					
5	133	2021-12-02	6:56	West	Yes	No	-	-					
6	138	2021-12-02	6:56	East	Yes	No	-	-					
6	138	2021-12-02	6:56	East	Yes	No	-	-					
6	138	2021-12-02	6:56	West	Yes	No	-	-					
6	138	2021-12-02	6:56	West	Yes	No	-	-					
7	144	2021-12-02	6:56	East	Yes	No	-	-					
7	144	2021-12-02	6:56	East	Yes	No	-	-					
7	144	2021-12-02	6:56	West	Yes	No	-	-					
7	144	2021-12-02	6:56	West	Yes	No	-	-					
8	154	2021-12-02	6:56	East	Yes	No	-	-					
8	154	2021-12-02	6:56	East	Yes	No	-	-					
8	154	2021-12-02	6:56	West	Yes	No	-	-					
8	154	2021-12-02	6:56	West	Yes	No	-	-					
9	156	2021-12-02	6:56	East	Yes	No	-	-					
9	156	2021-12-02	6:56	East	Yes	No	-	-					
9	156	2021-12-02	6:56	West	Yes	No	-	-					
9	156	2021-12-02	6:56	West	Yes	No	-	-					
10	160-161	2021-12-02	6:56	East	Yes	No	-	-					
10	160-161	2021-12-02	6:56	East	Yes	No	-	-					
10	160-161	2021-12-02	6:56	West	Yes	No	-	-					
10	160-161	2021-12-02	6:56	West	Yes	No	-	-					
11	166	2021-12-02	6:56	East	Yes	No	-	-					
11	166	2021-12-02	6:56	East	Yes	No	-	-					
11	166	2021-12-02	6:56	West	Yes	No	-	-					
11	166	2021-12-02	6:56	West	Yes	No	-	-					
12	169	2021-12-02	6:56	East	Yes	No	-	-					
12	169	2021-12-02	6:56	East	Yes	No	-	-					
12	169	2021-12-02	6:56	West	Yes	No	-	-					
12	169	2021-12-02	6:56	West	Yes	No	-	-					
13	176	2021-12-02	6:56	East	Yes	No	-	-					
13	176	2021-12-02	6:56	East	Yes	No	-	-					
13	176	2021-12-02	6:56	West	Yes	No	-	-					
13	176	2021-12-02	6:56	West	Yes	No	-	-					
1	116	2021-12-22	10:40	East	Yes	No	-	-					
1	116	2021-12-22	10:40	East	Yes	No	-	-					
1	116	2021-12-22	10:40	West	Yes	No	-	-					
1	116	2021-12-22	10:40	West	Yes	No	-	-					
2	118	2021-12-22	10:40	East	Yes	No	-	-					
2	118	2021-12-22	10:40	East	Yes	No	-	-					
2	118	2021-12-22	10:40	West	Yes	No	-	-					
2	118	2021-12-22	10:40	West	Yes	No	-	-					
3	121-122	2021-12-22	10:40	East	Yes	No	-	-					
3	121-122	2021-12-22	10:40	East	Yes	No	-	-					
3	121-122	2021-12-22	10:40	West	Yes	No	-	-					
3	121-122	2021-12-22	10:40	West	Yes	No	-	-					
4	128	2021-12-22	10:40	East	Yes	No	-	-					
4	128	2021-12-22	10:40	East	Yes	No	-	-					
4	128	2021-12-22	10:40	West	Yes	No	-	-					
4	128	2021-12-22	10:40	West	Yes	No	-	-					
5	133	2021-12-22	10:40	East	Yes	No	-	-					
5	133	2021-12-22	10:40	East	Yes	No	-	-					
5	133	2021-12-22	10:40	West	Yes	No	-	-					
5	133	2021-12-22	10:40	West	Yes	No	-	-					
6	138	2021-12-22	10:40	East	Yes	No	-	-					
6	138	2021-12-22	10:40	East	Yes	No	-	-					
6	138	2021-12-22	10:40	West	Yes	No	-	-					
6	138	2021-12-22	10:40	West	Yes	No	-	-					
7	144	2021-12-22	10:40	East	Yes	No	-	-					
7	144	2021-12-22	10:40	East	Yes	No	-	-					
7	144	2021-12-22	10:40	West	Yes	No	-	-					
7	144	2021-12-22	10:40	West	Yes	No	-	-					
8	154	2021-12-22	10:40	East	Yes	No	-	-					
8	154	2021-12-22	10:40	East	Yes	No	-	-					
8	154	2021-12-22	10:40	West	Yes	No	-	-					
8	154	2021-12-22	10:40	West	Yes	No	-	-					
9	156	2021-12-22	10:40	East	Yes	No	-	-					
9	156	2021-12-22	10:40	East	Yes	No	-	-					
9	156	2021-12-22	10:40	West	Yes	No	-	-					
9	156	2021-12-22	10:40	West	Yes	No	-	-					
10	160-161	2021-12-22	10:40	East	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
10	160-161	2021-12-22	10:40	East	Yes	No	-	-					
10	160-161	2021-12-22	10:40	West	Yes	No	-	-					
10	160-161	2021-12-22	10:40	West	Yes	No	-	-					
11	166	2021-12-22	10:40	East	Yes	No	-	-					
11	166	2021-12-22	10:40	East	Yes	No	-	-					
11	166	2021-12-22	10:40	West	Yes	No	-	-					
11	166	2021-12-22	10:40	West	Yes	No	-	-					
12	169	2021-12-22	10:40	East	Yes	No	-	-					
12	169	2021-12-22	10:40	East	Yes	No	-	-					
12	169	2021-12-22	10:40	West	Yes	No	-	-					
12	169	2021-12-22	10:40	West	Yes	No	-	-					
13	176	2021-12-22	10:40	East	Yes	No	-	-					
13	176	2021-12-22	10:40	East	Yes	No	-	-					
13	176	2021-12-22	10:40	West	Yes	No	-	-					
13	176	2021-12-22	10:40	West	Yes	No	-	-					
1	116	2021-12-29	9:43	East	Yes	No	-	-					
1	116	2021-12-29	9:43	East	Yes	No	-	-					
1	116	2021-12-29	9:43	West	Yes	No	-	-					
1	116	2021-12-29	9:43	West	Yes	No	-	-					
2	118	2021-12-29	9:43	East	Yes	No	-	-					
2	118	2021-12-29	9:43	East	Yes	No	-	-					
2	118	2021-12-29	9:43	West	Yes	No	-	-					
2	118	2021-12-29	9:43	West	Yes	No	-	-					
3	121-122	2021-12-29	9:43	East	Yes	No	-	-					
3	121-122	2021-12-29	9:43	East	Yes	No	-	-					
3	121-122	2021-12-29	9:43	West	Yes	No	-	-					
3	121-122	2021-12-29	9:43	West	Yes	No	-	-					
4	128	2021-12-29	9:43	East	Yes	No	-	-					
4	128	2021-12-29	9:43	East	Yes	No	-	-					
4	128	2021-12-29	9:43	West	Yes	No	-	-					
4	128	2021-12-29	9:43	West	Yes	No	-	-					
5	133	2021-12-29	9:43	East	Yes	No	-	-					
5	133	2021-12-29	9:43	East	Yes	No	-	-					
5	133	2021-12-29	9:43	West	Yes	No	-	-					
5	133	2021-12-29	9:43	West	Yes	No	-	-					
6	138	2021-12-29	9:43	East	Yes	No	-	-					
6	138	2021-12-29	9:43	East	Yes	No	-	-					
6	138	2021-12-29	9:43	West	Yes	No	-	-					
6	138	2021-12-29	9:43	West	Yes	No	-	-					
7	144	2021-12-29	9:43	East	Yes	Yes	-	-					
7	144	2021-12-29	9:43	East	Yes	Yes	-	-					
7	144	2021-12-29	9:43	West	Yes	Yes	Common raven	1	Road	Flying	S	West	0
7	144	2021-12-29	9:43	West	Yes	Yes	-	-					
8	154	2021-12-29	9:43	East	Yes	No	-	-					
8	154	2021-12-29	9:43	East	Yes	No	-	-					
8	154	2021-12-29	9:43	West	Yes	No	-	-					
8	154	2021-12-29	9:43	West	Yes	No	-	-					
9	156	2021-12-29	9:43	East	Yes	Yes	-	-					
9	156	2021-12-29	9:43	East	Yes	Yes	-	-					
9	156	2021-12-29	9:43	West	Yes	Yes	Muskox	2	Heath Tundra	Walking	SE	West	1500
9	156	2021-12-29	9:43	West	Yes	Yes	-	-					
10	160-161	2021-12-29	9:43	East	Yes	No	-	-					
10	160-161	2021-12-29	9:43	East	Yes	No	-	-					
10	160-161	2021-12-29	9:43	West	Yes	No	-	-					
10	160-161	2021-12-29	9:43	West	Yes	No	-	-					
11	166	2021-12-29	9:43	East	Yes	No	-	-					
11	166	2021-12-29	9:43	East	Yes	No	-	-					
11	166	2021-12-29	9:43	West	Yes	No	-	-					
11	166	2021-12-29	9:43	West	Yes	No	-	-					
12	169	2021-12-29	9:43	East	Yes	No	-	-					
12	169	2021-12-29	9:43	East	Yes	No	-	-					
12	169	2021-12-29	9:43	West	Yes	No	-	-					
12	169	2021-12-29	9:43	West	Yes	No	-	-					
13	176	2021-12-29	9:43	East	Yes	No	-	-					
13	176	2021-12-29	9:43	East	Yes	No	-	-					
13	176	2021-12-29	9:43	West	Yes	No	-	-					
13	176	2021-12-29	9:43	West	Yes	No	-	-					
1	116	2021-12-08	11:21	East	Yes	No	-	-					
1	116	2021-12-08	11:21	East	Yes	No	-	-					
1	116	2021-12-08	11:21	West	Yes	No	-	-					
1	116	2021-12-08	11:21	West	Yes	No	-	-					
2	118	2021-12-08	11:21	East	Yes	No	-	-					
2	118	2021-12-08	11:21	East	Yes	No	-	-					
2	118	2021-12-08	11:21	West	Yes	No	-	-					
2	118	2021-12-08	11:21	West	Yes	No	-	-					
3	121-122	2021-12-08	11:21	East	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
3	121-122	2021-12-08	11:21	East	Yes	No	-	-					
3	121-122	2021-12-08	11:21	West	Yes	No	-	-					
3	121-122	2021-12-08	11:21	West	Yes	No	-	-					
4	128	2021-12-08	11:21	East	Yes	No	-	-					
4	128	2021-12-08	11:21	East	Yes	No	-	-					
4	128	2021-12-08	11:21	West	Yes	No	-	-					
4	128	2021-12-08	11:21	West	Yes	No	-	-					
5	133	2021-12-08	11:21	East	Yes	No	-	-					
5	133	2021-12-08	11:21	East	Yes	No	-	-					
5	133	2021-12-08	11:21	West	Yes	No	-	-					
5	133	2021-12-08	11:21	West	Yes	No	-	-					
6	138	2021-12-08	11:21	East	Yes	No	-	-					
6	138	2021-12-08	11:21	East	Yes	No	-	-					
6	138	2021-12-08	11:21	West	Yes	No	-	-					
6	138	2021-12-08	11:21	West	Yes	No	-	-					
7	144	2021-12-08	11:21	East	Yes	No	-	-					
7	144	2021-12-08	11:21	East	Yes	No	-	-					
7	144	2021-12-08	11:21	West	Yes	No	-	-					
7	144	2021-12-08	11:21	West	Yes	No	-	-					
8	154	2021-12-08	11:21	East	No		-	-					
8	154	2021-12-08	11:21	East	No		-	-					
8	154	2021-12-08	11:21	West	No		-	-					
8	154	2021-12-08	11:21	West	No		-	-					
9	156	2021-12-08	11:21	East	No		-	-					
9	156	2021-12-08	11:21	East	No		-	-					
9	156	2021-12-08	11:21	West	No		-	-					
9	156	2021-12-08	11:21	West	No		-	-					
10	160-161	2021-12-08	11:21	East	No		-	-					
10	160-161	2021-12-08	11:21	East	No		-	-					
10	160-161	2021-12-08	11:21	West	No		-	-					
10	160-161	2021-12-08	11:21	West	No		-	-					
11	166	2021-12-08	11:21	East	No		-	-					
11	166	2021-12-08	11:21	East	No		-	-					
11	166	2021-12-08	11:21	West	No		-	-					
11	166	2021-12-08	11:21	West	No		-	-					
12	169	2021-12-08	11:21	East	No		-	-					
12	169	2021-12-08	11:21	East	No		-	-					
12	169	2021-12-08	11:21	West	No		-	-					
12	169	2021-12-08	11:21	West	No		-	-					
13	176	2021-12-08	11:21	East	No		-	-					
13	176	2021-12-08	11:21	East	No		-	-					
13	176	2021-12-08	11:21	West	No		-	-					
13	176	2021-12-08	11:21	West	No		-	-					
1	116	2021-12-09	12:53	East	No Did it yesterday		-	-					
1	116	2021-12-09	12:53	East	No Did it yesterday		-	-					
1	116	2021-12-09	12:53	West	No Did it yesterday		-	-					
1	116	2021-12-09	12:53	West	No Did it yesterday		-	-					
2	118	2021-12-09	12:53	East	No Did it yesterday		-	-					
2	118	2021-12-09	12:53	East	No Did it yesterday		-	-					
2	118	2021-12-09	12:53	West	No Did it yesterday		-	-					
2	118	2021-12-09	12:53	West	No Did it yesterday		-	-					
3	121-122	2021-12-09	12:53	East	No Did it yesterday		-	-					
3	121-122	2021-12-09	12:53	East	No Did it yesterday		-	-					
3	121-122	2021-12-09	12:53	West	No Did it yesterday		-	-					
3	121-122	2021-12-09	12:53	West	No Did it yesterday		-	-					
4	128	2021-12-09	12:53	East	No Did it yesterday		-	-					
4	128	2021-12-09	12:53	East	No Did it yesterday		-	-					
4	128	2021-12-09	12:53	West	No Did it yesterday		-	-					
4	128	2021-12-09	12:53	West	No Did it yesterday		-	-					
5	133	2021-12-09	12:53	East	No Did it yesterday		-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Completed	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
5	133	2021-12-09	12:53	East	No Did it yesterday		-	-					
5	133	2021-12-09	12:53	West	No Did it yesterday		-	-					
5	133	2021-12-09	12:53	West	No Did it yesterday		-	-					
6	138	2021-12-09	12:53	East	No Did it yesterday		-	-					
6	138	2021-12-09	12:53	East	No Did it yesterday		-	-					
6	138	2021-12-09	12:53	West	No Did it yesterday		-	-					
6	138	2021-12-09	12:53	West	No Did it yesterday		-	-					
7	144	2021-12-09	12:53	East	No Did it yesterday.		-	-					
7	144	2021-12-09	12:53	East	No Did it yesterday.		-	-					
7	144	2021-12-09	12:53	West	No Did it yesterday.		-	-					
7	144	2021-12-09	12:53	West	No Did it yesterday.		-	-					
8	154	2021-12-09	12:53	East	Yes	No	-	-					
8	154	2021-12-09	12:53	East	Yes	No	-	-					
8	154	2021-12-09	12:53	West	Yes	No	-	-					
8	154	2021-12-09	12:53	West	Yes	No	-	-					
9	156	2021-12-09	12:53	East	Yes	No	-	-					
9	156	2021-12-09	12:53	East	Yes	No	-	-					
9	156	2021-12-09	12:53	West	Yes	No	-	-					
9	156	2021-12-09	12:53	West	Yes	No	-	-					
10	160-161	2021-12-09	12:53	East	Yes	No	-	-					
10	160-161	2021-12-09	12:53	East	Yes	No	-	-					
10	160-161	2021-12-09	12:53	West	Yes	No	-	-					
10	160-161	2021-12-09	12:53	West	Yes	No	-	-					
11	166	2021-12-09	12:53	East	Yes	No	-	-					
11	166	2021-12-09	12:53	East	Yes	No	-	-					
11	166	2021-12-09	12:53	West	Yes	No	-	-					
11	166	2021-12-09	12:53	West	Yes	No	-	-					
12	169	2021-12-09	12:53	East	Yes	No	-	-					
12	169	2021-12-09	12:53	East	Yes	No	-	-					
12	169	2021-12-09	12:53	West	Yes	No	-	-					
12	169	2021-12-09	12:53	West	Yes	No	-	-					
13	176	2021-12-09	12:53	East	Yes	No	-	-					
13	176	2021-12-09	12:53	East	Yes	No	-	-					
13	176	2021-12-09	12:53	West	Yes	No	-	-					
13	176	2021-12-09	12:53	West	Yes	No	-	-					
1	116	2021-02-04	15:00	East	No - not viewshed yet		-	-					
1	116	2021-02-04	15:00	East	No - not viewshed yet		-	-					
1	116	2021-02-04	15:00	West	No - not viewshed yet		-	-					
1	116	2021-02-04	15:00	West	No - not viewshed yet		-	-					
2	118	2021-02-04	15:00	East	Yes	No	-	-					
2	118	2021-02-04	15:00	East	Yes	No	-	-					
2	118	2021-02-04	15:00	West	Yes	No	-	-					
2	118	2021-02-04	15:00	West	Yes	No	-	-					
3	121-122	2021-02-04	15:00	East	Yes	No	-	-					
3	121-122	2021-02-04	15:00	East	Yes	No	-	-					
3	121-122	2021-02-04	15:00	West	Yes	No	-	-					
3	121-122	2021-02-04	15:00	West	Yes	No	-	-					
4	128	2021-02-04	15:00	East	Yes	No	-	-					
4	128	2021-02-04	15:00	East	Yes	No	-	-					
4	128	2021-02-04	15:00	West	Yes	No	-	-					
4	128	2021-02-04	15:00	West	Yes	No	-	-					
5	133	2021-02-04	15:00	East	Yes	No	-	-					
5	133	2021-02-04	15:00	East	Yes	No	-	-					
5	133	2021-02-04	15:00	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
5	133	2021-02-04	15:00	West	Yes	No	-	-					
6	138	2021-02-04	15:00	East	Yes	No	-	-					
6	138	2021-02-04	15:00	East	Yes	No	-	-					
6	138	2021-02-04	15:00	West	Yes	No	-	-					
6	138	2021-02-04	15:00	West	Yes	No	-	-					
7	144	2021-02-04	15:00	East	Yes	No	-	-					
7	144	2021-02-04	15:00	East	Yes	No	-	-					
7	144	2021-02-04	15:00	West	Yes	No	-	-					
7	144	2021-02-04	15:00	West	Yes	No	-	-					
8	154	2021-02-04	15:00	East	Yes	No	-	-					
8	154	2021-02-04	15:00	East	Yes	No	-	-					
8	154	2021-02-04	15:00	West	Yes	No	-	-					
8	154	2021-02-04	15:00	West	Yes	No	-	-					
9	156	2021-02-04	15:00	East	Yes	No	-	-					
9	156	2021-02-04	15:00	East	Yes	No	-	-					
9	156	2021-02-04	15:00	West	Yes	No	-	-					
9	156	2021-02-04	15:00	West	Yes	No	-	-					
10	160-161	2021-02-04	15:00	East	Yes	No	-	-					
10	160-161	2021-02-04	15:00	East	Yes	No	-	-					
10	160-161	2021-02-04	15:00	West	Yes	No	-	-					
10	160-161	2021-02-04	15:00	West	Yes	No	-	-					
11	166	2021-02-04	15:00	East	Yes	No	-	-					
11	166	2021-02-04	15:00	East	Yes	No	-	-					
11	166	2021-02-04	15:00	West	Yes	No	-	-					
11	166	2021-02-04	15:00	West	Yes	No	-	-					
12	169	2021-02-04	15:00	East	Yes	No	-	-					
12	169	2021-02-04	15:00	East	Yes	No	-	-					
12	169	2021-02-04	15:00	West	Yes	No	-	-					
12	169	2021-02-04	15:00	West	Yes	No	-	-					
13	176	2021-02-04	15:00	East	Yes	No	-	-					
13	176	2021-02-04	15:00	East	Yes	No	-	-					
13	176	2021-02-04	15:00	West	Yes	No	-	-					
13	176	2021-02-04	15:00	West	Yes	No	-	-					
1	116	2021-07-14	7:35	East	No - not viewshed yet		-	-					
1	116	2021-07-14	7:35	East	No - not viewshed yet		-	-					
1	116	2021-07-14	7:35	West	No - not viewshed yet		-	-					
1	116	2021-07-14	7:35	West	No - not viewshed yet		-	-					
2	118	2021-07-14	7:35	East	Yes	No	-	-					
2	118	2021-07-14	7:35	East	Yes	No	-	-					
2	118	2021-07-14	7:35	West	Yes	No	-	-					
2	118	2021-07-14	7:35	West	Yes	No	-	-					
3	121-122	2021-07-14	7:35	East	Yes	No	-	-					
3	121-122	2021-07-14	7:35	East	Yes	No	-	-					
3	121-122	2021-07-14	7:35	West	Yes	No	-	-					
3	121-122	2021-07-14	7:35	West	Yes	No	-	-					
4	128	2021-07-14	7:35	East	Yes	No	-	-					
4	128	2021-07-14	7:35	East	Yes	No	-	-					
4	128	2021-07-14	7:35	West	Yes	No	-	-					
4	128	2021-07-14	7:35	West	Yes	No	-	-					
5	133	2021-07-14	7:35	East	Yes	No	-	-					
5	133	2021-07-14	7:35	East	Yes	No	-	-					
5	133	2021-07-14	7:35	West	Yes	No	-	-					
5	133	2021-07-14	7:35	West	Yes	No	-	-					
6	138	2021-07-14	7:35	East	Yes	No	-	-					
6	138	2021-07-14	7:35	East	Yes	No	-	-					
6	138	2021-07-14	7:35	West	Yes	No	-	-					
6	138	2021-07-14	7:35	West	Yes	No	-	-					
7	144	2021-07-14	7:35	East	Yes	No	-	-					
7	144	2021-07-14	7:35	East	Yes	No	-	-					
7	144	2021-07-14	7:35	West	Yes	No	-	-					
7	144	2021-07-14	7:35	West	Yes	No	-	-					
8	154	2021-07-14	7:35	East	Yes	No	-	-					
8	154	2021-07-14	7:35	East	Yes	No	-	-					
8	154	2021-07-14	7:35	West	Yes	No	-	-					
8	154	2021-07-14	7:35	West	Yes	No	-	-					
9	156	2021-07-14	7:35	East	Yes	No	-	-					
9	156	2021-07-14	7:35	East	Yes	No	-	-					
9	156	2021-07-14	7:35	West	Yes	No	-	-					
9	156	2021-07-14	7:35	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
10	160-161	2021-07-14	7:35	East	Yes	No	-	-					
10	160-161	2021-07-14	7:35	East	Yes	No	-	-					
10	160-161	2021-07-14	7:35	West	Yes	No	-	-					
10	160-161	2021-07-14	7:35	West	Yes	No	-	-					
11	166	2021-07-14	7:35	East	Yes	No	-	-					
11	166	2021-07-14	7:35	East	Yes	No	-	-					
11	166	2021-07-14	7:35	West	Yes	No	-	-					
11	166	2021-07-14	7:35	West	Yes	No	-	-					
12	169	2021-07-14	7:35	East	Yes	No	-	-					
12	169	2021-07-14	7:35	East	Yes	No	-	-					
12	169	2021-07-14	7:35	West	Yes	No	-	-					
12	169	2021-07-14	7:35	West	Yes	No	-	-					
13	176	2021-07-14	7:35	East	Yes	Yes	-	-					
13	176	2021-07-14	7:35	East	Yes	Yes	-	-					
13	176	2021-07-14	7:35	West	Yes	Yes	Caribou	1	Tundra	Walking	S	West	500
13	176	2021-07-14	7:35	West	Yes	Yes	-	-					
1	116	2021-08-10	8:00	East	No - not viewshed yet		-	-					
1	116	2021-08-10	8:00	East	No - not viewshed yet		-	-					
1	116	2021-08-10	8:00	West	No - not viewshed yet		-	-					
1	116	2021-08-10	8:00	West	No - not viewshed yet		-	-					
2	118	2021-08-10	8:00	East	Yes	No	-	-					
2	118	2021-08-10	8:00	East	Yes	No	-	-					
2	118	2021-08-10	8:00	West	Yes	No	-	-					
2	118	2021-08-10	8:00	West	Yes	No	-	-					
3	121-122	2021-08-10	8:00	East	Yes	No	-	-					
3	121-122	2021-08-10	8:00	East	Yes	No	-	-					
3	121-122	2021-08-10	8:00	West	Yes	No	-	-					
3	121-122	2021-08-10	8:00	West	Yes	No	-	-					
4	128	2021-08-10	8:00	East	Yes	No	-	-					
4	128	2021-08-10	8:00	East	Yes	No	-	-					
4	128	2021-08-10	8:00	West	Yes	No	-	-					
4	128	2021-08-10	8:00	West	Yes	No	-	-					
5	133	2021-08-10	8:00	East	Yes	No	-	-					
5	133	2021-08-10	8:00	East	Yes	No	-	-					
5	133	2021-08-10	8:00	West	Yes	No	-	-					
5	133	2021-08-10	8:00	West	Yes	No	-	-					
6	138	2021-08-10	8:00	East	Yes	No	-	-					
6	138	2021-08-10	8:00	East	Yes	No	-	-					
6	138	2021-08-10	8:00	West	Yes	No	-	-					
6	138	2021-08-10	8:00	West	Yes	No	-	-					
7	144	2021-08-10	8:00	East	Yes	Yes	Caribou	3	LR	Walking	S	East	30
7	144	2021-08-10	8:00	East	Yes	Yes	-	-					
7	144	2021-08-10	8:00	West	Yes	Yes	-	-					
7	144	2021-08-10	8:00	West	Yes	Yes	-	-					
8	154	2021-08-10	8:00	East	Yes	No	-	-					
8	154	2021-08-10	8:00	East	Yes	No	-	-					
8	154	2021-08-10	8:00	West	Yes	No	-	-					
8	154	2021-08-10	8:00	West	Yes	No	-	-					
9	156	2021-08-10	8:00	East	Yes	No	-	-					
9	156	2021-08-10	8:00	East	Yes	No	-	-					
9	156	2021-08-10	8:00	West	Yes	No	-	-					
9	156	2021-08-10	8:00	West	Yes	No	-	-					
10	160-161	2021-08-10	8:00	East	Yes	Yes	Caribou	13	HT	Walking	N	East	3000
10	160-161	2021-08-10	8:00	East	Yes	Yes	-	-					
10	160-161	2021-08-10	8:00	West	Yes	Yes	-	-					
10	160-161	2021-08-10	8:00	West	Yes	Yes	-	-					
11	166	2021-08-10	8:00	East	Yes	Yes	Muskox	1	LR	Walking	N	East	1000
11	166	2021-08-10	8:00	East	Yes	Yes	-	-					
11	166	2021-08-10	8:00	West	Yes	Yes	-	-					
11	166	2021-08-10	8:00	West	Yes	Yes	-	-					
12	169	2021-08-10	8:00	East	Yes	No	-	-					
12	169	2021-08-10	8:00	East	Yes	No	-	-					
12	169	2021-08-10	8:00	West	Yes	No	-	-					
12	169	2021-08-10	8:00	West	Yes	No	-	-					
13	176	2021-08-10	8:00	East	Yes	No	-	-					
13	176	2021-08-10	8:00	East	Yes	No	-	-					
13	176	2021-08-10	8:00	West	Yes	No	-	-					
13	176	2021-08-10	8:00	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
1	116	2021-08-13	7:30	East	No - not viewshed yet		-	-					
1	116	2021-08-13	7:30	East	No - not viewshed yet		-	-					
1	116	2021-08-13	7:30	West	No - not viewshed yet		-	-					
1	116	2021-08-13	7:30	West	No - not viewshed yet		-	-					
2	118	2021-08-13	7:30	East	Yes	No	-	-					
2	118	2021-08-13	7:30	East	Yes	No	-	-					
2	118	2021-08-13	7:30	West	Yes	No	-	-					
2	118	2021-08-13	7:30	West	Yes	No	-	-					
3	121-122	2021-08-13	7:30	East	Yes	No	-	-					
3	121-122	2021-08-13	7:30	East	Yes	No	-	-					
3	121-122	2021-08-13	7:30	West	Yes	No	-	-					
3	121-122	2021-08-13	7:30	West	Yes	No	-	-					
4	128	2021-08-13	7:30	East	Yes	Yes	-	-					
4	128	2021-08-13	7:30	East	Yes	Yes	-	-					
4	128	2021-08-13	7:30	West	Yes	Yes	Muskox	3	HT	Resting	N/A	West	350
4	128	2021-08-13	7:30	West	Yes	Yes	Sandhill crane	2	HT	Standing	N/A	West	70
5	133	2021-08-13	7:30	East	Yes	Yes	Caribou	16	HT	Feeding	N/A	East	1000
5	133	2021-08-13	7:30	East	Yes	Yes	-	-					
5	133	2021-08-13	7:30	West	Yes	Yes	-	-					
5	133	2021-08-13	7:30	West	Yes	Yes	-	-					
6	138	2021-08-13	7:30	East	Yes	Yes	Caribou	5	HT	Feeding	N/A	East	400
6	138	2021-08-13	7:30	East	Yes	Yes	-	-					
6	138	2021-08-13	7:30	West	Yes	Yes	-	-					
6	138	2021-08-13	7:30	West	Yes	Yes	-	-					
7	144	2021-08-13	7:30	East	Yes	No	-	-					
7	144	2021-08-13	7:30	East	Yes	No	-	-					
7	144	2021-08-13	7:30	West	Yes	No	-	-					
7	144	2021-08-13	7:30	West	Yes	No	-	-					
8	154	2021-08-13	7:30	East	Yes	No	-	-					
8	154	2021-08-13	7:30	East	Yes	No	-	-					
8	154	2021-08-13	7:30	West	Yes	No	-	-					
8	154	2021-08-13	7:30	West	Yes	No	-	-					
9	156	2021-08-13	7:30	East	Yes	No	-	-					
9	156	2021-08-13	7:30	East	Yes	No	-	-					
9	156	2021-08-13	7:30	West	Yes	No	-	-					
9	156	2021-08-13	7:30	West	Yes	No	-	-					
10	160-161	2021-08-13	7:30	East	Yes	No	-	-					
10	160-161	2021-08-13	7:30	East	Yes	No	-	-					
10	160-161	2021-08-13	7:30	West	Yes	No	-	-					
10	160-161	2021-08-13	7:30	West	Yes	No	-	-					
11	166	2021-08-13	7:30	East	Yes	No	-	-					
11	166	2021-08-13	7:30	East	Yes	No	-	-					
11	166	2021-08-13	7:30	West	Yes	No	-	-					
11	166	2021-08-13	7:30	West	Yes	No	-	-					
12	169	2021-08-13	7:30	East	Yes	No	-	-					
12	169	2021-08-13	7:30	East	Yes	No	-	-					
12	169	2021-08-13	7:30	West	Yes	No	-	-					
12	169	2021-08-13	7:30	West	Yes	No	-	-					
13	176	2021-08-13	7:30	East	Yes	Yes	-	-					
13	176	2021-08-13	7:30	East	Yes	Yes	-	-					
13	176	2021-08-13	7:30	West	Yes	Yes	Caribou	1	HT	Feeding	N/A	West	2000
13	176	2021-08-13	7:30	West	Yes	Yes	-	-					
1	116	2021-08-14	7:35	East	No - not viewshed yet		-	-					
1	116	2021-08-14	7:35	East	No - not viewshed yet		-	-					
1	116	2021-08-14	7:35	West	No - not viewshed yet		-	-					
1	116	2021-08-14	7:35	West	No - not viewshed yet		-	-					
2	118	2021-08-14	7:35	East	No		-	-					
2	118	2021-08-14	7:35	East	No		-	-					
2	118	2021-08-14	7:35	West	No		-	-					
2	118	2021-08-14	7:35	West	No		-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
3	121-122	2021-08-14	7:35	East	Yes	Yes	Caribou	5	Tundra/Rocks	Running	E	East	300
3	121-122	2021-08-14	7:35	East	Yes	Yes	-	-					
3	121-122	2021-08-14	7:35	West	Yes	Yes	-	-					
3	121-122	2021-08-14	7:35	West	Yes	Yes	-	-					
4	128	2021-08-14	7:35	East	Yes	Yes	Caribou	4	Tundra	Walking	N	East	800
4	128	2021-08-14	7:35	East	Yes	Yes	-	-					
4	128	2021-08-14	7:35	West	Yes	Yes	-	-					
4	128	2021-08-14	7:35	West	Yes	Yes	-	-					
5	133	2021-08-14	7:35	East	Yes	Yes	Siksik	1	Tundra/Rocks	Running	S	East	50
5	133	2021-08-14	7:35	East	Yes	Yes	Caribou	3	Tundra/Rocks	Feeding	N/A	East	1000
5	133	2021-08-14	7:35	West	Yes	Yes	-	-					
5	133	2021-08-14	7:35	West	Yes	Yes	-	-					
6	138	2021-08-14	7:35	East	Yes	No	-	-					
6	138	2021-08-14	7:35	East	Yes	No	-	-					
6	138	2021-08-14	7:35	West	Yes	No	-	-					
6	138	2021-08-14	7:35	West	Yes	No	-	-					
7	144	2021-08-14	7:35	East	Yes	No	-	-					
7	144	2021-08-14	7:35	East	Yes	No	-	-					
7	144	2021-08-14	7:35	West	Yes	No	-	-					
7	144	2021-08-14	7:35	West	Yes	No	-	-					
8	154	2021-08-14	7:35	East	Yes	Yes	Caribou	3	Tundra/Rocks	Feeding	N/A	East	500
8	154	2021-08-14	7:35	East	Yes	Yes	-	-					
8	154	2021-08-14	7:35	West	Yes	Yes	-	-					
8	154	2021-08-14	7:35	West	Yes	Yes	-	-					
9	156	2021-08-14	7:35	East	Yes	No	-	-					
9	156	2021-08-14	7:35	East	Yes	No	-	-					
9	156	2021-08-14	7:35	West	Yes	No	-	-					
9	156	2021-08-14	7:35	West	Yes	No	-	-					
10	160-161	2021-08-14	7:35	East	Yes	Yes	Caribou	1	Tundra	Feeding	S	East	1000
10	160-161	2021-08-14	7:35	East	Yes	Yes	Caribou	2	Esker	Walking	W	East	1000
10	160-161	2021-08-14	7:35	West	Yes	Yes	-	-					
10	160-161	2021-08-14	7:35	West	Yes	Yes	-	-					
11	166	2021-08-14	7:35	East	Yes	No	-	-					
11	166	2021-08-14	7:35	East	Yes	No	-	-					
11	166	2021-08-14	7:35	West	Yes	No	-	-					
11	166	2021-08-14	7:35	West	Yes	No	-	-					
12	169	2021-08-14	7:35	East	Yes	Yes	Arctic hare	1	Road	Standing	N/A	East	0
12	169	2021-08-14	7:35	East	Yes	Yes	Caribou	1	Tundra	Feeding	N/A	East	100
12	169	2021-08-14	7:35	West	Yes	Yes	-	-					
12	169	2021-08-14	7:35	West	Yes	Yes	-	-					
13	176	2021-08-14	7:35	East	Yes	Yes	Caribou	1	Road esker	Standing	N/A	East	25
13	176	2021-08-14	7:35	East	Yes	Yes	-	-					
13	176	2021-08-14	7:35	West	Yes	Yes	-	-					
13	176	2021-08-14	7:35	West	Yes	Yes	-	-					
1	116	2021-08-17	11:00	East	No - not viewshed yet		-	-					
1	116	2021-08-17	11:00	East	No - not viewshed yet		-	-					
1	116	2021-08-17	11:00	West	No - not viewshed yet		-	-					
1	116	2021-08-17	11:00	West	No - not viewshed yet		-	-					
2	118	2021-08-17	11:00	East	Yes	No	-	-					
2	118	2021-08-17	11:00	East	Yes	No	-	-					
2	118	2021-08-17	11:00	West	Yes	No	-	-					
2	118	2021-08-17	11:00	West	Yes	No	-	-					
3	121-122	2021-08-17	11:00	East	Yes	No	-	-					
3	121-122	2021-08-17	11:00	East	Yes	No	-	-					
3	121-122	2021-08-17	11:00	West	Yes	No	-	-					
3	121-122	2021-08-17	11:00	West	Yes	No	-	-					
4	128	2021-08-17	11:00	East	Yes	No	-	-					
4	128	2021-08-17	11:00	East	Yes	No	-	-					
4	128	2021-08-17	11:00	West	Yes	No	-	-					
4	128	2021-08-17	11:00	West	Yes	No	-	-					
5	133	2021-08-17	11:00	East	Yes	Yes	Caribou	2	Tundra/Rocks	Foraging	SW	East	0
5	133	2021-08-17	11:00	East	Yes	Yes	Caribou	5	Tundra/Rocks	Foraging	E	East	3000
5	133	2021-08-17	11:00	West	Yes	Yes	-	-					
5	133	2021-08-17	11:00	West	Yes	Yes	-	-					
6	138	2021-08-17	11:00	East	Yes	No	-	-					
6	138	2021-08-17	11:00	East	Yes	No	-	-					
6	138	2021-08-17	11:00	West	Yes	No	-	-					
6	138	2021-08-17	11:00	West	Yes	No	-	-					
7	144	2021-08-17	11:00	East	Yes	Yes	Caribou	1	Rocks	Feeding	E	East	500

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
7	144	2021-08-17	11:00	East	Yes	Yes	-	-					
7	144	2021-08-17	11:00	West	Yes	Yes	-	-					
7	144	2021-08-17	11:00	West	Yes	Yes	-	-					
8	154	2021-08-17	11:00	East	Yes	No	-	-					
8	154	2021-08-17	11:00	East	Yes	No	-	-					
8	154	2021-08-17	11:00	West	Yes	No	-	-					
8	154	2021-08-17	11:00	West	Yes	No	-	-					
9	156	2021-08-17	11:00	East	Yes	No	-	-					
9	156	2021-08-17	11:00	East	Yes	No	-	-					
9	156	2021-08-17	11:00	West	Yes	No	-	-					
9	156	2021-08-17	11:00	West	Yes	No	-	-					
10	160-161	2021-08-17	11:00	East	Yes	Yes	Canada goose	5	Sky	Flying	S	West	0
10	160-161	2021-08-17	11:00	East	Yes	Yes	-	-					
10	160-161	2021-08-17	11:00	West	Yes	Yes	-	-					
10	160-161	2021-08-17	11:00	West	Yes	Yes	-	-					
11	166	2021-08-17	11:00	East	Yes	No	-	-					
11	166	2021-08-17	11:00	East	Yes	No	-	-					
11	166	2021-08-17	11:00	West	Yes	No	-	-					
11	166	2021-08-17	11:00	West	Yes	No	-	-					
12	169	2021-08-17	11:00	East	Yes	No	-	-					
12	169	2021-08-17	11:00	East	Yes	No	-	-					
12	169	2021-08-17	11:00	West	Yes	No	-	-					
12	169	2021-08-17	11:00	West	Yes	No	-	-					
13	176	2021-08-17	11:00	East	Yes	Yes	Caribou	1	Gravel	Trotting/running	E	East	50
13	176	2021-08-17	11:00	East	Yes	Yes	Arctic fox	1	Gravel	Running	S	East	0
13	176	2021-08-17	11:00	West	Yes	Yes	-	-					
13	176	2021-08-17	11:00	West	Yes	Yes	-	-					
1	116	2021-08-08	8:35	East	No - not viewshed yet		-	-					
1	116	2021-08-08	8:35	East	No - not viewshed yet		-	-					
1	116	2021-08-08	8:35	West	No - not viewshed yet		-	-					
1	116	2021-08-08	8:35	West	No - not viewshed yet		-	-					
2	118	2021-08-08	8:35	East	Yes	No	-	-					
2	118	2021-08-08	8:35	East	Yes	No	-	-					
2	118	2021-08-08	8:35	West	Yes	No	-	-					
2	118	2021-08-08	8:35	West	Yes	No	-	-					
3	121-122	2021-08-08	8:35	East	Yes	No	-	-					
3	121-122	2021-08-08	8:35	East	Yes	No	-	-					
3	121-122	2021-08-08	8:35	West	Yes	No	-	-					
3	121-122	2021-08-08	8:35	West	Yes	No	-	-					
4	128	2021-08-08	8:35	East	Yes	No	-	-					
4	128	2021-08-08	8:35	East	Yes	No	-	-					
4	128	2021-08-08	8:35	West	Yes	No	-	-					
4	128	2021-08-08	8:35	West	Yes	No	-	-					
5	133	2021-08-08	8:35	East	Yes	Yes	Caribou	1	Tundra	Foraging	N/A	East	2000
5	133	2021-08-08	8:35	East	Yes	Yes	-	-					
5	133	2021-08-08	8:35	West	Yes	Yes	-	-					
5	133	2021-08-08	8:35	West	Yes	Yes	-	-					
6	138	2021-08-08	8:35	East	Yes	Yes	Caribou	4	Tundra	Foraging	SE	East	300
6	138	2021-08-08	8:35	East	Yes	Yes	-	-					
6	138	2021-08-08	8:35	West	Yes	Yes	-	-					
6	138	2021-08-08	8:35	West	Yes	Yes	-	-					
7	144	2021-08-08	8:35	East	Yes	Yes	Caribou	9	Tundra	Foraging	S	East	3000
7	144	2021-08-08	8:35	East	Yes	Yes	Muskox	1	Tundra	Walking	S	East	150
7	144	2021-08-08	8:35	West	Yes	Yes	Canada goose	8	Tundra	Lying Down	S	EAST	300
7	144	2021-08-08	8:35	West	Yes	Yes	-	-					
8	154	2021-08-08	8:35	East	Yes	Yes	Caribou	13	Tundra/Rocks	Walking	N	East	300
8	154	2021-08-08	8:35	East	Yes	Yes	-	-					
8	154	2021-08-08	8:35	West	Yes	Yes	-	-					
8	154	2021-08-08	8:35	West	Yes	Yes	-	-					
9	156	2021-08-08	8:35	East	Yes	No	-	-					
9	156	2021-08-08	8:35	East	Yes	No	-	-					
9	156	2021-08-08	8:35	West	Yes	No	-	-					
9	156	2021-08-08	8:35	West	Yes	No	-	-					
10	160-161	2021-08-08	8:35	East	Yes	Yes	Muskox	1	Tundra	Foraging	N/A	East	1200
10	160-161	2021-08-08	8:35	East	Yes	Yes	Caribou	2	Tundra	Running	S	East	1200
10	160-161	2021-08-08	8:35	West	Yes	Yes	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
10	160-161	2021-08-08	8:35	West	Yes	Yes	-	-					
11	166	2021-08-08	8:35	East	Yes	No	-	-					
11	166	2021-08-08	8:35	East	Yes	No	-	-					
11	166	2021-08-08	8:35	West	Yes	No	-	-					
11	166	2021-08-08	8:35	West	Yes	No	-	-					
12	169	2021-08-08	8:35	East	Yes	Yes	Caribou	24	Tundra	Lying Down	N/A	East	100
12	169	2021-08-08	8:35	East	Yes	Yes	-	-					
12	169	2021-08-08	8:35	West	Yes	Yes	-	-					
12	169	2021-08-08	8:35	West	Yes	Yes	-	-					
13	176	2021-08-08	8:35	East	Yes	Yes	Caribou	13	Tundra	Foraging	N/A	East	250
13	176	2021-08-08	8:35	East	Yes	Yes	-	-					
13	176	2021-08-08	8:35	West	Yes	Yes	-	-					
13	176	2021-08-08	8:35	West	Yes	Yes	-	-					
1	116	2021-09-18	13:00	East	No - not viewshed yet		-	-					
1	116	2021-09-18	13:00	East	No - not viewshed yet		-	-					
1	116	2021-09-18	13:00	West	No - not viewshed yet		-	-					
1	116	2021-09-18	13:00	West	No - not viewshed yet		-	-					
2	118	2021-09-18	13:00	East	Yes	Yes	-	-					
2	118	2021-09-18	13:00	East	Yes	Yes	-	-					
2	118	2021-09-18	13:00	West	Yes	Yes	Muskox	1	Tundra	Feeding	N/A	West	200
2	118	2021-09-18	13:00	West	Yes	Yes	-	-					
3	121-122	2021-09-18	13:00	East	Yes	Yes	-	-					
3	121-122	2021-09-18	13:00	East	Yes	Yes	-	-					
3	121-122	2021-09-18	13:00	West	Yes	Yes	Arctic hare	1	Tundra/Rocks	Standing	N/A	West	
3	121-122	2021-09-18	13:00	West	Yes	Yes	-	-					
4	128	2021-09-18	13:00	East	Yes	No	-	-					
4	128	2021-09-18	13:00	East	Yes	No	-	-					
4	128	2021-09-18	13:00	West	Yes	No	-	-					
4	128	2021-09-18	13:00	West	Yes	No	-	-					
5	133	2021-09-18	13:00	East	Yes	Yes	-	-					
5	133	2021-09-18	13:00	East	Yes	Yes	-	-					
5	133	2021-09-18	13:00	West	Yes	Yes	Caribou	4	Tundra, Lake	Feeding	S	West	25
5	133	2021-09-18	13:00	West	Yes	Yes	-	-					
6	138	2021-09-18	13:00	East	Yes	No	-	-					
6	138	2021-09-18	13:00	East	Yes	No	-	-					
6	138	2021-09-18	13:00	West	Yes	No	-	-					
6	138	2021-09-18	13:00	West	Yes	No	-	-					
7	144	2021-09-18	13:00	East	Yes	No	-	-					
7	144	2021-09-18	13:00	East	Yes	No	-	-					
7	144	2021-09-18	13:00	West	Yes	No	-	-					
7	144	2021-09-18	13:00	West	Yes	No	-	-					
8	154	2021-09-18	13:00	East	Yes	No	-	-					
8	154	2021-09-18	13:00	East	Yes	No	-	-					
8	154	2021-09-18	13:00	West	Yes	No	-	-					
8	154	2021-09-18	13:00	West	Yes	No	-	-					
9	156	2021-09-18	13:00	East	Yes	Yes	-	-					
9	156	2021-09-18	13:00	East	Yes	Yes	-	-					
9	156	2021-09-18	13:00	West	Yes	Yes	Muskox	1	Tundra/Rocks	Resting	N/A	West	150
9	156	2021-09-18	13:00	West	Yes	Yes	-	-					
10	160-161	2021-09-18	13:00	East	No - Went back to MBK		-	-					
10	160-161	2021-09-18	13:00	East	No - Went back to MBK		-	-					
10	160-161	2021-09-18	13:00	West	No - Went back to MBK		-	-					
10	160-161	2021-09-18	13:00	West	No - Went back to MBK		-	-					
11	166	2021-09-18	13:00	East	No - Went back to MBK		-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Completed	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
11	166	2021-09-18	13:00	East	No - Went back to MBK		-	-					
11	166	2021-09-18	13:00	West	No - Went back to MBK		-	-					
11	166	2021-09-18	13:00	West	No - Went back to MBK		-	-					
12	169	2021-09-18	13:00	East	No - Went to back to MBK		-	-					
12	169	2021-09-18	13:00	East	No - Went to back to MBK		-	-					
12	169	2021-09-18	13:00	West	No - Went to back to MBK		-	-					
12	169	2021-09-18	13:00	West	No - Went to back to MBK		-	-					
13	176	2021-09-18	13:00	East	Yes	No	-	-					
13	176	2021-09-18	13:00	East	Yes	No	-	-					
13	176	2021-09-18	13:00	West	Yes	No	-	-					
13	176	2021-09-18	13:00	West	Yes	No	-	-					
1	116	2021-09-20	8:00	East	No - not viewshed yet		-	-					
1	116	2021-09-20	8:00	East	No - not viewshed yet		-	-					
1	116	2021-09-20	8:00	West	No - not viewshed yet		-	-					
1	116	2021-09-20	8:00	West	No - not viewshed yet		-	-					
2	118	2021-09-20	8:00	East	No		-	-					
2	118	2021-09-20	8:00	East	No		-	-					
2	118	2021-09-20	8:00	West	No		-	-					
2	118	2021-09-20	8:00	West	No		-	-					
3	121-122	2021-09-20	8:00	East	No		-	-					
3	121-122	2021-09-20	8:00	East	No		-	-					
3	121-122	2021-09-20	8:00	West	No		-	-					
3	121-122	2021-09-20	8:00	West	No		-	-					
4	128	2021-09-20	8:00	East	No		-	-					
4	128	2021-09-20	8:00	East	No		-	-					
4	128	2021-09-20	8:00	West	No		-	-					
4	128	2021-09-20	8:00	West	No		-	-					
5	133	2021-09-20	8:00	East	No		-	-					
5	133	2021-09-20	8:00	East	No		-	-					
5	133	2021-09-20	8:00	West	No		-	-					
5	133	2021-09-20	8:00	West	No		-	-					
6	138	2021-09-20	8:00	East	No		-	-					
6	138	2021-09-20	8:00	East	No		-	-					
6	138	2021-09-20	8:00	West	No		-	-					
6	138	2021-09-20	8:00	West	No		-	-					
7	144	2021-09-20	8:00	East	No		-	-					
7	144	2021-09-20	8:00	East	No		-	-					
7	144	2021-09-20	8:00	West	No		-	-					
7	144	2021-09-20	8:00	West	No		-	-					
8	154	2021-09-20	8:00	East	No		-	-					
8	154	2021-09-20	8:00	East	No		-	-					
8	154	2021-09-20	8:00	West	No		-	-					
8	154	2021-09-20	8:00	West	No		-	-					
9	156	2021-09-20	8:00	East	No		-	-					
9	156	2021-09-20	8:00	East	No		-	-					
9	156	2021-09-20	8:00	West	No		-	-					
9	156	2021-09-20	8:00	West	No		-	-					
10	160-161	2021-09-20	8:00	East	Yes	Yes	Caribou	3		Feeding	N	East	600

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Complete d	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
10	160-161	2021-09-20	8:00	East	Yes	Yes	-	-					
10	160-161	2021-09-20	8:00	West	Yes	Yes	-	-					
10	160-161	2021-09-20	8:00	West	Yes	Yes	-	-					
11	166	2021-09-20	8:00	East	Yes	Yes	Muskox	1		Feeding	S	East	400
11	166	2021-09-20	8:00	East	Yes	Yes	-	-					
11	166	2021-09-20	8:00	West	Yes	Yes	-	-					
11	166	2021-09-20	8:00	West	Yes	Yes	-	-					
12	169	2021-09-20	8:00	East	Yes	Yes	-	-					
12	169	2021-09-20	8:00	East	Yes	Yes	-	-					
12	169	2021-09-20	8:00	West	Yes	Yes	Caribou	5		Resting	N/A	West	800
12	169	2021-09-20	8:00	West	Yes	Yes	-	-					
13	176	2021-09-20	8:00	East	Yes	No	-	-					
13	176	2021-09-20	8:00	East	Yes	No	-	-					
13	176	2021-09-20	8:00	West	Yes	No	-	-					
13	176	2021-09-20	8:00	West	Yes	No	-	-					
1	116	2021-09-22	14:00	East	No - not viewshed yet		-	-					
1	116	2021-09-22	14:00	East	No - not viewshed yet		-	-					
1	116	2021-09-22	14:00	West	No - not viewshed yet		-	-					
1	116	2021-09-22	14:00	West	No - not viewshed yet		-	-					
2	118	2021-09-22	14:00	East	Yes	No	-	-					
2	118	2021-09-22	14:00	East	Yes	No	-	-					
2	118	2021-09-22	14:00	West	Yes	No	-	-					
2	118	2021-09-22	14:00	West	Yes	No	-	-					
3	121-122	2021-09-22	14:00	East	Yes	No	-	-					
3	121-122	2021-09-22	14:00	East	Yes	No	-	-					
3	121-122	2021-09-22	14:00	West	Yes	No	-	-					
3	121-122	2021-09-22	14:00	West	Yes	No	-	-					
4	128	2021-09-22	14:00	East	Yes	Yes	-	-					
4	128	2021-09-22	14:00	East	Yes	Yes	-	-					
4	128	2021-09-22	14:00	West	Yes	Yes	Caribou	1		Feeding	N	West	200
4	128	2021-09-22	14:00	West	Yes	Yes	-	-					
5	133	2021-09-22	14:00	East	Yes	Yes	Caribou	1		Feeding	NE	East	900
5	133	2021-09-22	14:00	East	Yes	Yes	-	-					
5	133	2021-09-22	14:00	West	Yes	Yes	Caribou	3		Feeding	S	West	30
5	133	2021-09-22	14:00	West	Yes	Yes	-	-					
6	138	2021-09-22	14:00	East	Yes	No	-	-					
6	138	2021-09-22	14:00	East	Yes	No	-	-					
6	138	2021-09-22	14:00	West	Yes	No	-	-					
6	138	2021-09-22	14:00	West	Yes	No	-	-					
7	144	2021-09-22	14:00	East	Yes	No	-	-					
7	144	2021-09-22	14:00	East	Yes	No	-	-					
7	144	2021-09-22	14:00	West	Yes	No	-	-					
7	144	2021-09-22	14:00	West	Yes	No	-	-					
8	154	2021-09-22	14:00	East	Yes	Yes	-	-					
8	154	2021-09-22	14:00	East	Yes	Yes	-	-					
8	154	2021-09-22	14:00	West	Yes	Yes	Muskox	2		Feeding	N/A	West	
8	154	2021-09-22	14:00	West	Yes	Yes	-	-					
9	156	2021-09-22	14:00	East	Yes	No	-	-					
9	156	2021-09-22	14:00	East	Yes	No	-	-					
9	156	2021-09-22	14:00	West	Yes	No	-	-					
9	156	2021-09-22	14:00	West	Yes	No	-	-					
10	160-161	2021-09-22	14:00	East	Yes	No	-	-					
10	160-161	2021-09-22	14:00	East	Yes	No	-	-					
10	160-161	2021-09-22	14:00	West	Yes	No	-	-					
10	160-161	2021-09-22	14:00	West	Yes	No	-	-					
11	166	2021-09-22	14:00	East	Yes	No	-	-					
11	166	2021-09-22	14:00	East	Yes	No	-	-					
11	166	2021-09-22	14:00	West	Yes	No	-	-					
11	166	2021-09-22	14:00	West	Yes	No	-	-					
12	169	2021-09-22	14:00	East	Yes	No	-	-					
12	169	2021-09-22	14:00	East	Yes	No	-	-					
12	169	2021-09-22	14:00	West	Yes	No	-	-					
12	169	2021-09-22	14:00	West	Yes	No	-	-					
13	176	2021-09-22	14:00	East	Yes	No	-	-					
13	176	2021-09-22	14:00	East	Yes	No	-	-					
13	176	2021-09-22	14:00	West	Yes	No	-	-					
13	176	2021-09-22	14:00	West	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Completed	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
1	116	2021-09-08	13:00	East	No - not viewshed yet		-	-					
1	116	2021-09-08	13:00	East	No - not viewshed yet		-	-					
1	116	2021-09-08	13:00	West	No - not viewshed yet		-	-					
1	116	2021-09-08	13:00	West	No - not viewshed yet		-	-					
2	118	2021-09-08	13:00	East	No - Code 1. Back on site		-	-					
2	118	2021-09-08	13:00	East	No - Code 1. Back on site		-	-					
2	118	2021-09-08	13:00	West	No - Code 1. Back on site		-	-					
2	118	2021-09-08	13:00	West	No - Code 1. Back on site		-	-					
3	121-122	2021-09-08	13:00	East	No - Code 1. Back on site		-	-					
3	121-122	2021-09-08	13:00	East	No - Code 1. Back on site		-	-					
3	121-122	2021-09-08	13:00	West	No - Code 1. Back on site		-	-					
3	121-122	2021-09-08	13:00	West	No - Code 1. Back on site		-	-					
4	128	2021-09-08	13:00	East	No - Code 1. Back on site		-	-					
4	128	2021-09-08	13:00	East	No - Code 1. Back on site		-	-					
4	128	2021-09-08	13:00	West	No - Code 1. Back on site		-	-					
4	128	2021-09-08	13:00	West	No - Code 1. Back on site		-	-					
5	133	2021-09-08	13:00	East	Yes	Yes	-	-					
5	133	2021-09-08	13:00	East	Yes	Yes	-	-					
5	133	2021-09-08	13:00	West	Yes	Yes	Caribou	3	Tundra, Road	Feeding	N/A	East	0
5	133	2021-09-08	13:00	West	Yes	Yes	-	-					
6	138	2021-09-08	13:00	East	No		-	-					
6	138	2021-09-08	13:00	East	No		-	-					
6	138	2021-09-08	13:00	West	No		-	-					
6	138	2021-09-08	13:00	West	No		-	-					
7	144	2021-09-08	13:00	East	Yes	Yes	Muskox	5	Tundra	Resting	N/A	East	3000
7	144	2021-09-08	13:00	East	Yes	Yes	-	-					
7	144	2021-09-08	13:00	West	Yes	Yes	-	-					
7	144	2021-09-08	13:00	West	Yes	Yes	-	-					
8	154	2021-09-08	13:00	East	Yes	Yes	Muskox	6	Tundra	Feeding	N/A	East	2000
8	154	2021-09-08	13:00	East	Yes	Yes	-	-					
8	154	2021-09-08	13:00	West	Yes	Yes	-	-					
8	154	2021-09-08	13:00	West	Yes	Yes	-	-					
9	156	2021-09-08	13:00	East	Yes	No	-	-					
9	156	2021-09-08	13:00	East	Yes	No	-	-					
9	156	2021-09-08	13:00	West	Yes	No	-	-					
9	156	2021-09-08	13:00	West	Yes	No	-	-					
10	160-161	2021-09-08	13:00	East	Yes	Yes	Snow goose	27	Tundra	Resting	N/A	East	1000
10	160-161	2021-09-08	13:00	East	Yes	Yes	-	-					
10	160-161	2021-09-08	13:00	West	Yes	Yes	Snow goose	11	Tundra	Feeding	N/A	West	700
10	160-161	2021-09-08	13:00	West	Yes	Yes	-	-					
11	166	2021-09-08	13:00	East	Yes	No	-	-					
11	166	2021-09-08	13:00	East	Yes	No	-	-					
11	166	2021-09-08	13:00	West	Yes	No	-	-					
11	166	2021-09-08	13:00	West	Yes	No	-	-					
12	169	2021-09-08	13:00	East	Yes	No	-	-					

Viewshed Number	KM Marker	Date	Time	Cardinal Point	Completed	Wildlife Observed	Species	Quantity	Habitat Type	Behavior	Direction of Travel	Side of Road	Distance from Road (m)
12	169	2021-09-08	13:00	East	Yes	No	-	-					
12	169	2021-09-08	13:00	West	Yes	No	-	-					
12	169	2021-09-08	13:00	West	Yes	No	-	-					
13	176	2021-09-08	13:00	East	Yes	No	-	-					
13	176	2021-09-08	13:00	East	Yes	No	-	-					
13	176	2021-09-08	13:00	West	Yes	No	-	-					
13	176	2021-09-08	13:00	West	Yes	No	-	-					

APPENDIX B

Road Restrictions

Table B-1: Summary of road restrictions (Closed, Partial Closure, and Speed Restriction) related to ungulate activity along the All-Weather Access Road, 2021.

Date	Cause for restriction	Closure Status	Wildlife Observed	Number of Individuals Observed	Distance from Road	Monitoring Method	Hours Closed	Monitoring Conducted		Convoy (Y/N)	Reason for Re-opening
								Road Surveys	Collaring Data Reviewed		
2021-01-01	Muskox	Speed Restriction	Muskox	14	1000	Road Survey	0	1	Y	N	N/A
2021-01-04	Muskox	Speed Restriction	Muskox	50	Not Recorded	Observation by road user	0	0	Y	N	N/A
2021-02-19	Caribou	Speed Restriction	Caribou	30	Not Recorded	Incidental Observation	0	0	Y	N	N/A
2021-02-20	Muskox	Speed Restriction	Muskox	20	Not Recorded	Incidental Observation	0	0	Y	N	N/A
2021-02-23	Caribou	Speed Restriction	Caribou	29	25	Incidental Observation	0	0	Y	N	N/A
2021-03-10	Caribou	Speed Restriction	Caribou	28	1000	Road Survey	0	1	Y	N	N/A
2021-03-12	Muskox	Speed Restriction	Muskox	20	150	Road Survey	0	1	Y	N	N/A
2021-03-13	Caribou	Speed Restriction	Caribou	28	Not Recorded	Incidental Observation	0	0	Y	N	N/A
2021-03-17	Caribou	Speed Restriction	Caribou	56	1000	Road Survey	0	1	Y	N	N/A
2021-03-19	Muskox	Speed Restriction	Muskox	40	Not Recorded	Incidental Observation	0	0	Y	N	N/A
2021-03-20	Caribou	Speed Restriction	Caribou	52	1000	Incidental Observation	0	0	Y	N	N/A
2021-03-24	Muskox	Speed Restriction	Muskox	19	10	Road Survey	0	1	Y	N	N/A
2021-03-27	Muskox	Speed Restriction	Muskox	28	400	Road Survey	0	1	Y	N	N/A
2021-03-28	Caribou	Speed Restriction	Caribou	15	?	Reported	0	0	Y	N	N/A
2021-04-01	Caribou	Speed Restriction	Caribou	175	700	Road Survey	0	1	Y	N	N/A
2021-04-02	Weather	Closed	N/A	N/A	N/A	N/A	18	0	Y	N	N/A
2021-04-03	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N	N/A
2021-04-04	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N	N/A
2021-04-05	Caribou	Closed	Caribou	90	400	Road Survey	24	1	Y	N	N/A
2021-04-06	Caribou	Closed	Caribou	57	200	Road Survey	24	1	Y	N	N/A
2021-04-07	Caribou	Closed	Caribou	52	250	Road Survey	24	1	Y	N	N/A
2021-04-08	Caribou	Closed	Caribou	?	?		24	0	Y	N	N/A
2021-04-09	Caribou	Closed	Caribou	66	400	Road Survey	24	2	Y	N	N/A
2021-04-10	Caribou	Closed	Caribou	55	1000	Road Survey	24	2	Y	N	N/A
2021-04-11	Caribou	Closed	Caribou	115	300	Road Survey	24	1	Y	N	N/A
2021-04-12	Caribou	Speed Restriction	Caribou	95	400	Road Survey	8.5	2	Y	N	Morning Road survey did not observe any Caribou
2021-04-13	Caribou	Speed Restriction	Caribou	350	200	Road Survey	0	2	Y	N	Morning Road survey did not observe any Caribou

Table B-1: Summary of road restrictions (Closed, Partial Closure, and Speed Restriction) related to ungulate activity along the All-Weather Access Road, 2021.

Date	Cause for restriction	Closure Status	Wildlife Observed	Number of Individuals Observed	Distance from Road	Monitoring Method	Hours Closed	Monitoring Conducted		Convoy (Y/N)	Reason for Re-opening
								Road Surveys	Collaring Data Reviewed		
2021-04-14	Caribou	Closed	Caribou	300	200	Road Survey	18.5	1	Y	N	N/A
2021-04-15	Caribou	Closed	Caribou	?	?	Road Survey	24	1	Y	N	N/A
2021-04-16	Caribou	Closed	Caribou	?	?	Road Survey	24	1	Y	N	N/A
2021-04-17	Caribou	Closed	Caribou	300	400	Road Survey	24	1	Y	Y	N/A
2021-04-18	Caribou	Closed	Caribou	52	1000	Road Survey	24	1	Y	Y	N/A
2021-04-19	Caribou	Closed	Caribou	38	500	Road Survey	24	1	Y	Y	N/A
2021-04-20	Caribou	Closed	Caribou	38	400	Road Survey	24	1	Y	Y	N/A
2021-04-21	Caribou	Closed	Caribou	100	75	Road Survey	24	1	Y	Y	N/A
2021-04-22	Caribou	Closed	Caribou	375	0	Road Survey	24	1	Y	N	N/A
2021-04-23	Caribou	Closed	Caribou	100	100	Road Survey	24	1	Y	Y	N/A
2021-04-24	Caribou	Closed	Caribou	200	0	Road Survey	24	1	Y	Y	N/A
2021-04-25	Caribou	Closed	Caribou	150	100	Road Survey	24	1	Y	Y	N/A
2021-04-26	Caribou	Closed	Caribou	400	50	Road Survey	24	1	Y	Y	N/A
2021-04-27	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N	N/A
2021-04-28	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N	N/A
2021-04-29	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N	N/A
2021-04-30	Caribou	Closed	Caribou	93	300	Road Survey	24	1	Y	Y	N/A
2021-05-01	Caribou	Closed	Caribou	50	400	Road Survey	24	1	Y	Y	N/A
2021-05-02	Caribou	Closed	Caribou	66	350	Road Survey	24	1	Y	Y	N/A
2021-05-03	Caribou	Closed	Caribou	100	200	Road Survey	24	1	Y	Y	N/A
2021-05-04	Caribou	Closed	Caribou	100	50	Road Survey	24	1	Y	Y	N/A
2021-05-05	Caribou	Closed	Caribou	100	?	Road Survey	24	1	Y	Y	N/A
2021-05-06	Caribou	Closed	Caribou	95	50	Road Survey	24	2	Y	Y	N/A
2021-05-07	Caribou	Speed Restriction	Caribou	173	?	Road Survey	7.5	1	Y	Y	Small numbers scattered along the road
2021-05-08	Caribou	Speed Restriction	Caribou	41	400	Road Survey	0	1	Y	N	N/A
2021-05-09	Caribou	Speed Restriction	Caribou	52	200	Road Survey	0	1	Y	N	N/A
2021-05-10	Caribou	Speed Restriction	Caribou	72	1000	Road Survey	0	1	Y	N	N/A
2021-05-11	Caribou	Speed Restriction	Caribou	39	Not Recorded	Road Survey	0	1	Y	N	N/A
2021-05-13	Caribou	Speed Restriction	Caribou	37	300	Road Survey	0	1	Y	N	N/A
2021-05-14	Caribou	Speed Restriction	Caribou	42	Not Recorded	Road Survey	0	1	Y	N	N/A
2021-05-17	Caribou	Speed Restriction	Caribou	40	600	Road Survey	0	1	Y	N	N/A
2021-06-07	Caribou	Speed Restriction	Caribou	27	800	Road Survey	0	1	Y	N	N/A

Table B-1: Summary of road restrictions (Closed, Partial Closure, and Speed Restriction) related to ungulate activity along the All-Weather Access Road, 2021.

Date	Cause for restriction	Closure Status	Wildlife Observed	Number of Individuals Observed	Distance from Road	Monitoring Method	Hours Closed	Monitoring Conducted		Convoy (Y/N)	Reason for Re-opening
								Road Surveys	Collaring Data Reviewed		
2021-08-06	Caribou	Closed	Caribou	55	1000	Road Survey	12	1	Y	N	N/A
2021-08-07	Caribou	Speed Restriction	Caribou	56	100	Road Survey	8.5	1	Y	Y	Reopen following assessment - small, scattered groups
2021-08-09	Caribou	Partial Closure	Caribou	700	Unknown	HTO Report	9	0	Y	N	N/A
2021-08-10	Caribou	Partial Closure	Caribou	150	50	Road Survey	24	1	Y	N	N/A
2021-08-11	Caribou	Partial Closure	Caribou	20	300	Road Survey	24	1	Y	N	N/A
2021-08-12	Caribou	Partial Closure	Caribou	200	50	Road Survey	24	1	Y	N	N/A
2021-08-13	Caribou	Partial Closure	Caribou	87	10	Road Survey	24	1	Y	N	N/A
2021-08-14	Caribou	Partial Closure	Caribou	200	200	Road Survey	24	1	Y	Y	N/A
2021-08-15	Caribou	Partial Closure	Caribou	12	30	Road Survey	24	1	Y	Y	All groups below GST - open next day
2021-09-10	Muskox	Speed Restriction	Muskox	15	700	Road Survey	0	1	Y	N	N/A
2021-09-15	Caribou	Speed Restriction	Caribou	100	800	Road Survey	0	1	Y	N	N/A
2021-09-16	Caribou	Speed Restriction	Caribou	50	500	Road Survey	0	1	Y	N	N/A
2021-09-17	Caribou	Speed Restriction	Caribou	7	100	Road Survey	0	1	Y	N	N/A
2021-09-18	Muskox	Speed Restriction	Muskox	21	300	Road Survey	0	1	Y	N	N/A
2021-10-05	Muskox	Speed Restriction	Muskox	19	20	Road Survey	0	1	Y	N	N/A
2021-10-30	Caribou	Closed	Caribou	250	300	Incidental Observation	6	0	Y	N	N/A
2021-10-31	Caribou	Closed	Caribou	700	600	Road Survey	24	1	Y	N	N/A
2021-11-01	Caribou	Close/Open	Caribou	74	400	Road Survey	17:30	1	Y	N	Observations below GST
2021-11-03	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N	
2021-11-06	Caribou	Speed Restriction	Caribou	30	300	Road Survey	0	1	Y	N	N/A
2021-11-12	Caribou	Closed	Caribou	183	300	Road Survey	13.5	1	Y	N	N/A
2021-11-13	Caribou	Closed	Caribou	211	300	Road Survey	24	1	Y	Y	N/A
2021-11-14	Caribou	Close/Open	Caribou	4	600	Road Survey	6.5	1	Y	Y	Observations below GST
2021-11-20	Weather	Closed	N/A	N/A	N/A	N/A	18	0	Y	N	
2021-11-21	Weather	Close/Open	N/A	N/A	N/A	N/A	10.5	0	Y	N	Snow removal is completed
2021-11-23	Weather	Closed	N/A	N/A	N/A	N/A	18.5	0	Y	N/A	
2021-11-24	Weather	Closed	N/A	N/A	N/A	N/A	24	0	Y	N/A	
2021-11-25	Weather	Close/Open	N/A	N/A	N/A	N/A	10.75	0	Y	N	Better weather condition
2021-12-04	Caribou	Speed Restriction	Caribou	200	469 3000	Road Survey	0	1	Y	N	N/A
2021-12-05	Caribou	Speed Restriction	Caribou	350	4000	Road Survey	0	1	Y	N	N/A
2021-12-06	Caribou	Closed	Caribou	600	250	Road Survey	14	1	Y	N	N/A

Table B-1: Summary of road restrictions (Closed, Partial Closure, and Speed Restriction) related to ungulate activity along the All-Weather Access Road, 2021.

Date	Cause for restriction	Closure Status	Wildlife Observed	Number of Individuals Observed	Distance from Road	Monitoring Method	Hours Closed	Monitoring Conducted		Convoy (Y/N)	Reason for Re-opening
								Road Surveys	Collaring Data Reviewed		
2021-12-07	Caribou	Closed	Caribou	300	200	Road Survey	24	1	Y	N	N/A
2021-12-08	Caribou	Closed	Caribou	600	0	Road Survey	24	1	Y	Y	N/A
2021-12-09	Caribou	Closed	Caribou	412	50	Road Survey	24	1	Y	N	N/A
2021-12-10	Caribou	Closed	Caribou	600	0	Road Survey	24	1	Y	N	N/A
2021-12-11	Caribou	Closed	Caribou	300	200	HTO Report	24	0	Y	Y	N/A
2021-12-12	Caribou	Closed	Caribou	400	?	Road Survey	24	1	Y	Y	N/A
2021-12-13	Caribou	Closed	Caribou	600	0	Road Survey	24	1	Y	N	N/A
2021-12-14	Caribou	Closed	Caribou	1000	?	Road Survey	24	1	Y	Y	N/A
2021-12-15	Caribou	Closed	Caribou	430	0	Road Survey	24	1	Y	Y	N/A
2021-12-16	Caribou	Closed	Caribou	300	0	Road Survey	24	1	Y	Y	N/A
2021-12-17	Caribou	Closed	Caribou	180	450	Road Survey	24	1	Y	Y	N/A
2021-12-18	Caribou	Speed restriction	Caribou	100	?	Road Survey	15	1	Y	Y	Smaller than GST - Discussion with HTO
2021-12-25	Caribou	Closed	Caribou	210	150	Road Survey	9	1	Y	N	
2021-12-26	Caribou	Closed	Caribou	440	600	Road Survey	24	1	Y	N	
2021-12-27	Caribou	Closed	Caribou	75	1500	Road Survey	24	1	Y	N	
2021-12-28	Caribou	Speed Restriction	Caribou	23	2500	Road Survey	5	1	Y	N	Below Fall migration GST
2021-12-29	Caribou	Speed Restriction	Caribou	80	700	Road Survey	0	1	Y	N	
2021-12-30	Caribou	Closed	Caribou	310	250	Road Survey	12.5	1	Y	N	
2021-12-31	Caribou	Closed	Caribou	150	50	Road Survey	24	0.5	Y	N	

Table B-2: Summary of road restrictions (Closed, Partial Closure, and Speed Restriction) related to ungulate activity along the Whale Tail Haul Road, 2021.

Date	Cause for restriction	Closure Status	Wildlife Observed	Number of Individuals Observed	Distance from Road	Monitoring Method	Hours Closed	Monitoring Conducted			Convoy (Y/N)	Reason for Re-opening
								Viewshed	Road Surveys	Collaring Data Reviewed		
2021-02-12	Muskox	Speed Restriction	Muskox	30	Not recorded	Incidental Observation	0	0	0	Y	N	N/A
2021-02-13	Muskox	Speed Restriction	Muskox	55	30	Road Survey	0	0	1	Y	N	N/A
2021-03-21	Caribou	Speed Restriction	Caribou	62	1000	Incidental Observation	0	0	1	Y	N	N/A
2021-04-02	Weather	Closed	N/A	N/A	N/A	N/A	12	0	0	Y	N	N/A
2021-04-03	Weather	Closed	N/A	N/A	N/A	N/A	24	0	0	Y	N	N/A
2021-04-04	Weather	Open	N/A	N/A	N/A	N/A	7	0	0	Y	N	N/A
2021-04-09	Caribou	Closed	Caribou	300	100	Road Survey	18	0	1	Y	Y	N/A
2021-04-10	Weather	Speed Restriction	None	0	0	Road Survey	8.5	0	1	Y	N	Below GST
2021-04-11	Caribou	Speed Restriction	Caribou	?	?	Road Survey	0	0	1	Y	N	N/A
2021-04-12	Muskox	Speed Restriction	Muskox	46	Not recorded	Road Survey	0	0	1	Y	N	N/A
2021-04-13	Caribou	Speed Restriction	Caribou	70	300	Road Survey	0	0	2	Y	Y	N/A
2021-04-14	Caribou	Closed	Caribou	150	Not recorded	Incidental Observation	14.5	0	1	Y	Y	N/A
2021-04-15	Caribou	Closed	Caribou	280	0	Road Survey	24	0	1	Y	Y	N/A
2021-04-16	Caribou	Speed Restriction	Caribou	75	400	Road Survey	8.5	0	1	Y	N	Small groups - observation of tracks crossing the road
2021-04-17	Caribou	Speed Restriction	Caribou	40	400	Road Survey	0	0	1	Y	N	N/A
2021-04-18	Caribou	Speed Restriction	Caribou	34	175	Road Survey	0	0	1	Y	N	N/A
2021-04-19	Caribou	Speed Restriction	Caribou	16	150	Road Survey	0	0	1	Y	N	N/A
2021-04-21	Caribou	Speed Restriction	Caribou	30	400	Road Survey	0	0	1	Y	N	N/A
2021-04-23	Caribou	Speed Restriction	Caribou	50	1200	Road Survey	0	0	1	Y	N	N/A
2021-04-25	Caribou	Speed Restriction	Caribou	40	800	Road Survey	0	0	1	Y	N	N/A
2021-04-26	Caribou	Closed	Caribou	150	110	Road Survey	7	0	1	Y	N	N/A
2021-04-27	Caribou	Closed	Caribou	800	0	Road Survey	24	0	1	Y	Y	N/A
2021-04-28	Caribou	Closed	Caribou	350	800	Road Survey	24	0	1	Y	Y	N/A
2021-04-29	Caribou	Closed	Caribou	270	1000	Road Survey	24	0	1	Y	Y	N/A
2021-04-30	Caribou	Closed	Caribou	120	150	Road Survey	24	0	1	Y	Y	N/A
2021-05-01	Caribou	Closed	Caribou	120	500	Road Survey	24	0	1	Y	Y	N/A
2021-05-02	Caribou	Closed	Caribou	250	150	Road Survey	24	0	1	Y	Y	N/A
2021-05-03	Caribou	Closed	Caribou	130	200	Road Survey	24	0	1	Y	Y	N/A
2021-05-04	Caribou	Closed	Caribou	300	0	Road Survey	24	0	1	Y	Y	N/A

Table B-2: Summary of road restrictions (Closed, Partial Closure, and Speed Restriction) related to ungulate activity along the Whale Tail Haul Road, 2021.

Date	Cause for restriction	Closure Status	Wildlife Observed	Number of Individuals Observed	Distance from Road	Monitoring Method	Hours Closed	Monitoring Conducted			Convoy (Y/N)	Reason for Re-opening
								Viewshed	Road Surveys	Collaring Data Reviewed		
2021-05-05	Caribou	Partial Closure	Caribou	70	50	Road Survey	18	0	1	Y	N	Small Scattered groups
2021-05-06	Caribou	Speed Restriction	Caribou	85	500	Road Survey	0	0	1	Y	N	N/A
2021-05-07	Caribou	Speed Restriction	Caribou	66	250	Road Survey	0	0	1	Y	N	N/A
2021-05-21	Caribou	Speed Restriction	Caribou	55	250	Incidental Observation	0	0	0	Y	N	N/A
2021-05-28	Caribou	Speed Restriction	Caribou	47	50	Road Survey	0	0	1	Y	N	N/A
2021-06-02	Caribou	Speed Restriction	Caribou	46	100	Road Survey	0	0	1	Y	N	N/A
2021-08-06	Caribou	Speed Restriction	Caribou	14	100	Incidental Observation	0	0	1	Y	N	N/A
2021-08-07	Caribou	Speed Restriction	Caribou	67	Not recorded	Incidental Observation	0	0	0	Y	N	N/A
2021-08-08	Caribou	Closed	Caribou	35	200	Road Survey	3	1	1	Y	N	N/A
2021-08-09	N/A	Open	N/A	N/A	N/A	N/A	N/A	N/A	1	Y	N	Assessment showed the biggest group to be less than 25
2021-08-18	Muskox	Speed Restriction	Muskox	17	10	Road Survey	0	0	1	Y	N	N/A
2021-08-19	Muskox	Speed Restriction	Muskox	14	150	Road Survey	0	0	1	Y	N	N/A
2021-09-01	Muskox	Speed Restriction	Muskox	21	450	Road Survey	0	0	1	Y	N	N/A
2021-09-17	Muskox	Speed Restriction	Muskox	14	40	Road Survey	0	0	1	Y	N	N/A
2021-09-18	Muskox	Speed Restriction	Muskox	18	75	Road Survey	0	0	1	Y	N	N/A
2021-09-21	Muskox	Speed Restriction	Muskox	14	600	Road Survey	0	0	1	Y	N	N/A
2021-09-28	Caribou	Speed Restriction	Caribou	138	300	Incidental Observation	0	0	1	Y	N	N/A
2021-10-06	Muskox	Speed Restriction	Muskox	25	200	Road Survey	0	0	1	Y	N	N/A
2021-11-04	Caribou	Speed Restriction	Caribou	28	300	Reported by road user	0	0	1	Y	N	N/A
2021-11-14	Muskox	Speed Restriction	Muskox	14	600	Road Survey	0	0	1	Y	N	N/A
2021-11-19	Muskox	Speed Restriction	Muskox	14	250	Road Survey	0	0	1	Y	N	N/A
2021-11-23	Weather	Closed	N/A	N/A	N/A	None	0	0	0	Y	N	N/A
2021-11-24	Weather	Closed	N/A	N/A	N/A	None	0	0	0	Y	N	N/A

APPENDIX C

Waterbird Mitigation Project



MEADOWBANK COMPLEX

2021 Migratory Bird Protection Report

In Accordance with NIRB Project Certificate No.008

Prepared by:
Agnico Eagle Mines Limited – Meadowbank Complex

March, 2022

EXECUTIVE SUMMARY

Through collaboration with Trent University and ECCC, research studies were initiated in 2018 to determine the effectiveness of planned mitigation measures for migratory birds during flooding of the Whale Tail South area. This study was conducted over three field seasons (2018, 2019, 2021) - before, during and after flooding. The three objectives of this study were to:

1. Determine the efficacy of various audio and visual deterrents in preventing flood-zone nesting.
2. Estimate the number of nests and the species composition lost due to the flooding.
3. Examine the behavioural response of birds to:
 - a. deterrents (e.g., impacts to duration on the nest) and
 - b. flooding (determine whether birds re-nested nearby after the flooding events).

Complete methods and results for Objectives 1, 2, and 3a are published and available online in the Trent University MSc Thesis "*Assessing and Mitigating the Impacts of Mining-Induced Flooding on Arctic-Nesting Birds*" (Holmes, 2022). Complete methods and results related to Objective 3b are provided in Appendix A of this report, with further data analysis to be included in one of two manuscripts encompassing methods and results for all objectives, expected to be submitted for publication in a peer-reviewed journal in 2022.

Briefly, efficacy of various audio and visual bird deterrents was assessed in a non-flooded tundra test area between the Meadowbank and Whale Tail sites in 2018, and in the Whale Tail South flood zone in 2019 during flooding. In both years, nesting density and behavioural responses of birds were surveyed in study plots with and without deterrents throughout a 6-week (approx.) period during the breeding season. Results indicated that the tested mitigation methods were ineffective in deterring nesting birds, and their continued use under similar conditions was not recommended by the Trent/ECCC research team.

Holmes (2022) found no statistically significant differences in average nest or territory density between flood zone and adjacent upland control plots prior to flooding (2018) and during flooding (2019), indicating no significant evidence of birds' territory packing into habitats adjacent to flooded areas. Follow-up studies in 2021 (Appendix A) did indicate average number of nests and bird density increased from 2019 to 2021 in upland control plots, and nest density declined in flood zone plots, potentially indicating a movement of nesting sites to adjacent areas. However, this was not supported by results of mark-re-sighting surveys. Supplemental analyses of these data are planned as part of manuscripts to be submitted for publication in 2022, and updated results will be provided in the 2023 Wildlife Monitoring Summary Report.

With approximately 0.60 km² ultimately flooded during the nesting season of June 8 to July 26, 2019, between 23 and 42 nests are estimated to have been lost due to flooding in the Whale Tail South area. Despite the loss of some nests due to inundation, there was no significant difference in overall nest survival rates between flood zone and adjacent upland plots (assessed for passerines only) suggesting that nest losses due to flooding were minor compared to other factors leading to nest failure, such as abandonment or predation.

Both the FEIS for the Whale Tail Pit Project (Agnico Eagle, 2016) and the FEIS Addendum for the Whale Tail Expansion Project (Agnico Eagle, 2018) made predictions for the number of nest sites estimated to be impacted by flooding in the vicinity of the Project site, including the Whale Tail South flood area and the Northeast Diversion flood zone. Actual nest impacts were re-calculated here using

nesting densities observed by the research team in the flood year (2019), along with observed nesting dates and measured change in water levels during nesting. Based on these calculations, final measured impacts of flooding on nesting birds (31 – 50 nests impacted for both areas combined) were lower than FEIS Addendum predictions for Whale Tail South alone (89 nests).

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SECTION 1 • INTRODUCTION

1.1 BACKGROUND

In 2018, Agnico Eagle Mines Ltd. (Agnico) was issued NIRB Project Certificate No. 008 for the Whale Tail site, a satellite deposit at the Meadowbank Mine. Two water diversions were constructed as part of water management activities for this project, resulting in terrestrial flooding and potentially impacting migratory bird nesting success in shoreline areas.

The Whale Tail flood zone (Figure 1) was initiated during the spring freshet of 2019, following construction of the Whale Tail and Mammoth Dikes. The rise in water levels from baseline (~152.5 masl) to the FEIS-predicted maximum of 156.00 masl of this area was planned to occur primarily in 2019 and 2020, causing approximately 148.5 ha of terrestrial flooding (Agnico Eagle, 2018).

The Northeast diversion consisted of construction of the Northeast Dike to divert Lake A46 and tributary lakes through Lake C44 in the Lake C38 (Nemo Lake) watershed. The main construction activities for the Northeast Dike were carried out from September 2018 to February 2019. Flooding of this area occurred in spring 2019, and the estimated total flooded terrestrial area was 18 ha. In 2020, the formerly flooded waterbodies in this area were fished out and dewatered to permit development of the Whale Tail Pit Expansion Project. No future flooding in this area is planned as part of the Expansion Project.

Flooding of these two areas was determined to have the potential for incidental disturbance and destruction of migratory birds and their nests. As per Nunavut Impact Review Board (NIRB) Project Certificate No.008 Condition 34, the Migratory Birds Protection Plan (the Plan) describes how these impacts were planned to be mitigated through use of visual and audio bird deterrents, and regular sweeps by personnel to discourage nesting. Mitigation was planned to be focused between 2018 and 2020, or until water levels reached their maximum flood plain.

Since the effectiveness of deterrents used in discouraging nesting was largely unknown for the resident bird species prior to 2018, a research study was initiated to install deterrent measures, assess their effectiveness, and additionally assess impacts of flooding on nesting birds. This study was developed in collaboration with Environment and Climate Change Canada (ECCC) and Trent University.

1.2 OBJECTIVES

This report describes:

- Actual measured water levels prior to, during, and after completion of flooding (2018 – 2021),
- The mitigation measures (deterrents) that were implemented according to the Plan and as part of the Trent University research study,
- A summary of methods and results of the research study as they relate to the following primary study objectives:
 1. Determine the efficacy of various audio and visual deterrents in preventing flood-zone nesting.
 2. Estimate the number of nests and the species composition lost due to the flooding.
 3. Examine the behavioural response of birds to:
 - a) deterrents (e.g., impacts to duration on the nest) and

b) flooding (determine whether birds re-nested nearby after the flooding events).

Complete methods and results for Objectives 1, 2, and 3a are published and available online in the Trent University MSc Thesis “*Assessing and Mitigating the Impacts of Mining-Induced Flooding on Arctic-Nesting Birds*” (Holmes, 2022). Complete methods and results related to Objective 3b are provided in Appendix A of this report. Two manuscripts encompassing methods and results for all objectives are expected to be submitted for publication in a peer-reviewed journal in 2022.

SECTION 2 • WATER LEVELS

2.1 WHALE TAIL SOUTH

In-water construction of the Whale Tail Dike was complete in September, 2018, and dewatering of Whale Tail Lake (North Basin) began in March, 2019, initiating the planned flooding of the Whale Tail South flood zone (Figure 1 and 2).

FEIS Addendum predictions (Figure 2) indicated that following initial flooding in the fall of 2018, the majority of flooding would occur following freshet in 2019, with another minor increase in 2020. Because of operational delays, flooding was not initiated until 2019. Due to record rainfall, peak water levels in 2019 exceeded predictions in July of that year, but did not reach the maximum predicted final flood level of 156.0 masl. Following discussions with NWB, Agnico temporarily pumped non-contact water from the Whale Tail South (WTS) flood zone directly to Mammoth Lake, from October 21 to December 18, 2019. Construction of the South Whale Tail Channel (SWTC) to connect Whale Tail South to Mammoth Lake was complete prior to freshet in 2020. This channel now passively manages water levels in Whale Tail South.

In 2020, mean monthly water levels in Whale Tail South were predicted in the FEIS Addendum to remain near the peak flood level of 156 masl following freshet. However, just prior to its construction in early 2020, the final design of the South Whale Tail Channel was changed to reduce its inlet invert elevation by 0.5 m (to 155.3 masl), to better preserve integrity of the Whale Tail Dike. Operational water levels are therefore now expected to be lower than the 156.0 masl prediction.

Based on recorded water levels as shown in Figure 2, flooding was complete and peaked in 2019. Since the end of dewatering of Whale Tail North Basin and the construction of the SWTC in early 2020 to passively manage flows, flood zone water levels have followed a natural seasonal pattern, with freshet-related steep peaks in June and July, and a slower decline in water elevations over the fall and winter seasons.



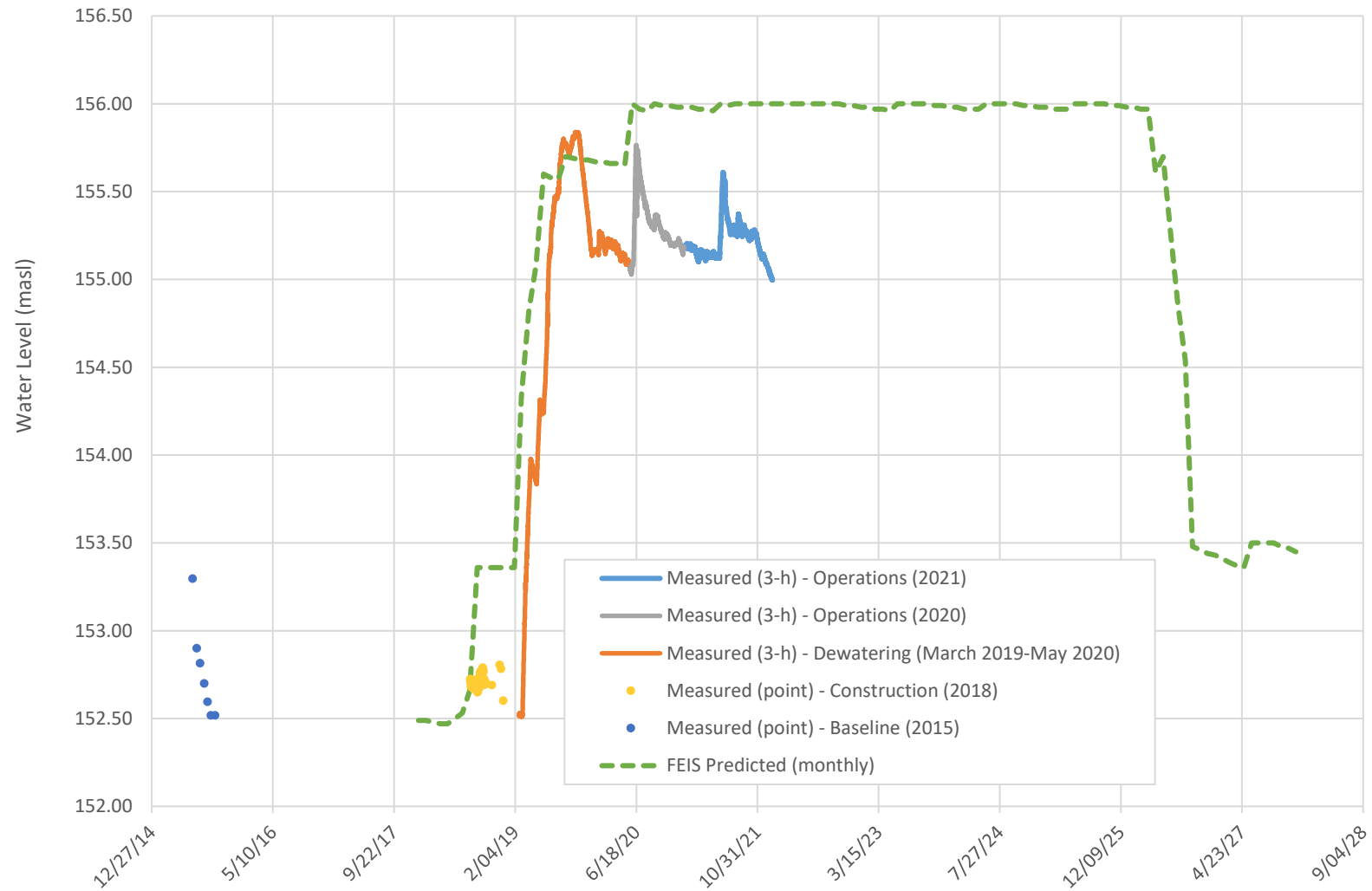


Figure 2. Measured and FEIS-predicted (monthly mean) water levels in Whale Tail South. Measured water levels are single point elevations by GPS survey or 3-h interval measurements by piezometer installed in the Whale Tail Di, as indicated. Predicted monthly mean water levels from FEIS Addendum for the Whale Tail Pit Expansion Project, Appendix 6-O, Table D-14.

2.2 NORTHEAST DIVERSION

No changes to this section of the report have been made in 2021. Northeast Diversion flooding occurred in 2019, and the area was dewatered in 2020 to permit development of the Whale Tail Pit Expansion Project. For continuity, the following text and figure are from the 2020 report:

The Northeast Dike was constructed from September 2018 to February 2019. Maximum FEIS-predicted water levels in the Northeast flood zone are shown in Figure 3, along with measured peak flood levels in 2019, and final water levels (December, 2019). Whale Tail FEIS (Agnico Eagle, 2016) water management plans indicated that this flood water would increase to the maximum elevation of 156.6 masl, and then flow naturally through a tundra pond system to Nemo Lake. The maximum predicted flood level in this area (156.6 masl) was reached on July 6, 2019. At that point, it was observed that the topography toward Nemo Lake would not allow water to overflow naturally before overtopping the dike liner. As a result, following approval by NWB (see 2019 Annual Report for further details), non-contact water was pumped out of that area beginning in July, 2019, to maintain safe water operating levels against the Northeast Dike. Water was pumped from July to October 2019, and June to July 2020 towards the watershed of Nemo Lake.

Waterbodies in this area were then fished out and dewatered to permit construction of the Whale Tail Pit Expansion Project (IVR Pit area), and the Northeast Dike was dismantled. This area will undergo mine development activities, and no future flooding is planned.

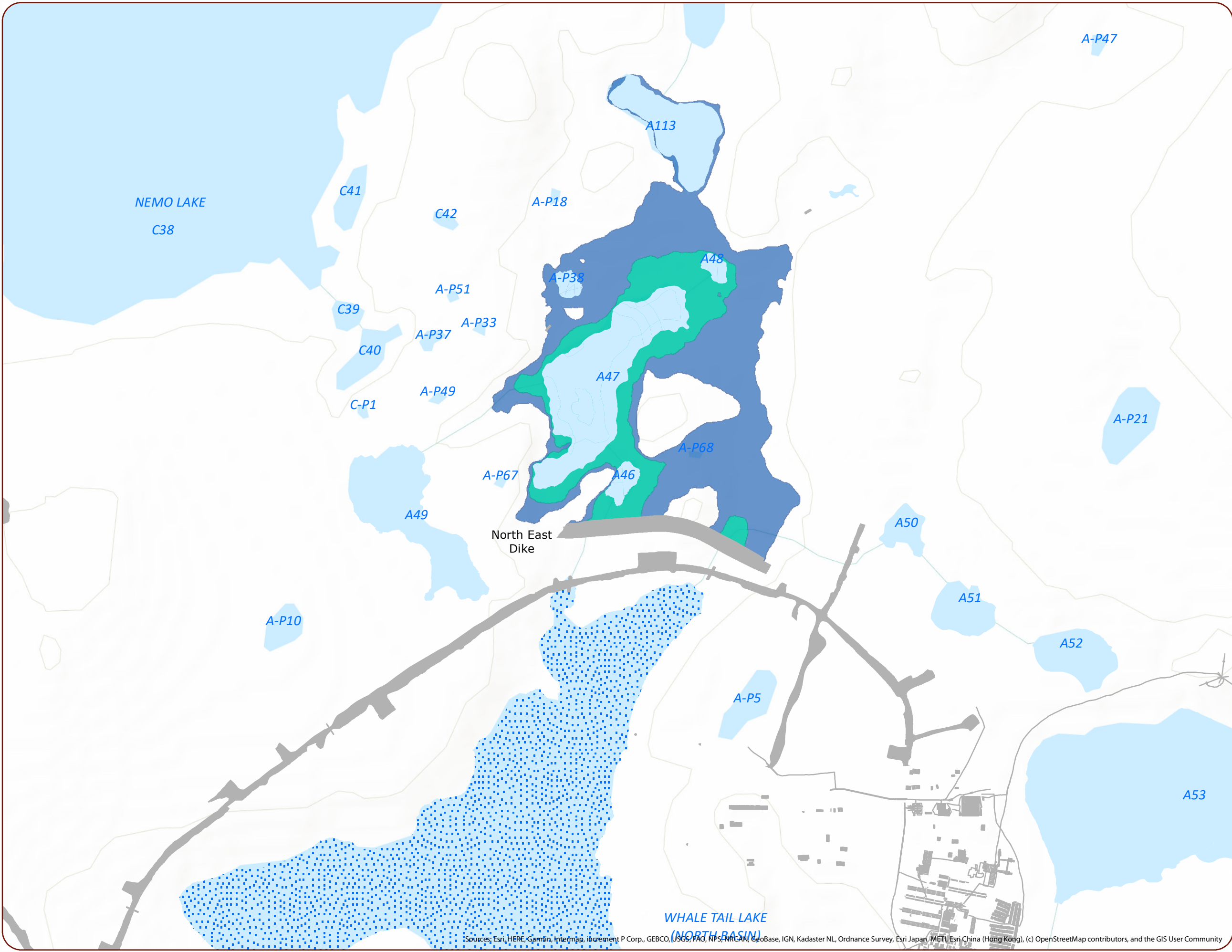


Figure 3: North East Diversion
Flood Zone Water Levels (2019)

Legend

Infrastructure

Dewatered Lake

North East Diversion Lake Elevations

Baseline water level

Final 2019 water level (155.66 masl)

Final predicted water level and peak 2019 water level (156.66 masl)

00.0750.150.3

Kilometres

SCALE: 1:7,000

N
UTM Zone 17N NAD83

AGNICO EAGLE

Disclaimer:
The information displayed on this map has been compiled from various sources. While every effort has been made to accurately depict the information, this map should not be relied on as being a precise indicator of locations, features, or roads, nor as a guide to navigation.

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SECTION 3 • MITIGATION MEASURES

According to the Migratory Bird Protection Plan (Version 1; July, 2018), the following mitigation measures were planned to be implemented in 2018 - 2020 to deter nesting of waterbirds in the Whale Tail Lake and Northeast water diversion areas during flooding:

- Deploying visual and audio bird deterrents,
- Regular sweeps by Agnico Eagle staff to discourage nesting through human activity, and to move the visual and audio deterrents;
- While Agnico may in the future consider the feasibility of using habitat modification or exclusion techniques within the flood zone in consultation with ECCC and academic institutions, these methods are not part of the primary mitigation plan.

In the 2018 nesting season, no flooding had yet occurred (Figure 2), so no measures were implemented.

During the 2019 nesting season, mitigation measures were implemented as part of the research collaboration with academic partners at Trent University and ECCC. The crew from Trent University deployed audio and visual deterrents throughout study plots within the Whale Tail South flood zone (Appendix A) between June 16 and 17, 2019. Although the crew was onsite beginning May 27, these were the earliest dates logistically feasible to begin surveys, based on weather conditions (primarily due to a late storm and the need to wait for snowmelt). At this time, water levels were already flooded, at 154.68 masl in Whale Tail South Basin, or approximately 2 m above baseline levels. Deterrents consisted of 20 x 20 m flash tape grids, and audio deterrents. Flood-zone plots were swept and surveyed every four days between June 16 and July 14, for a total of 148 hours of sweeps within the flood zone during the 2019 nesting season. No deterrents were deployed within the Northeast flood zone, since water levels were already near their maximum predicted elevation (156.6 masl) at the beginning of the nesting season (156.0 masl on June 14, 2019).

In March, 2020, the Migratory Bird Protection Plan was updated (Version 3) according to the results of the Trent/ECCC research study in 2018 and 2019. The tested methods were found to be ineffective in deterring nesting birds, and their continued use was not recommended by the Trent/ECCC research team. Therefore, in accordance with the updated Plan, and because flooding was identified to have peaked in 2019¹, these mitigation measures were not implemented in 2020 or subsequent years.

No additional flooding for operational purposes is planned.

¹ Agnico Eagle response to ECCC Comments on the 2019 Annual Report to the NIRB (August 21, 2020). Available through the NIRB Public Registry (ID 331212).

SECTION 4 • RESEARCH STUDY SUMMARY

4.1 INTRODUCTION

In order to determine the effectiveness of the mitigation methods aimed at reducing impacts of Whale Tail site flooding on waterbirds, Agnico Eagle conducted a 3-year study in partnership with Environment and Climate Change Canada (ECCC) and Trent University. Through this project, Agnico is also contributing to advancing the scientific understanding of conservation methods for at-risk species.

The objectives of the research study are primarily to:

1. Determine the efficacy of various audio and visual deterrents in preventing flood-zone nesting.
2. Estimate the number of nests and the species composition lost due to the flooding.
3. Examine the behavioural response of birds to:
 - a) deterrents (e.g., impacts to duration on the nest) and
 - b) flooding (determine whether birds re-nested nearby after the flooding events).

4.2 METHODS

A complete summary of research methods is provided in Holmes (2022) and the annual study reports prepared by the research team, appended to previous versions of this report. The 2021 study report is provided here as Appendix A.

Yearly activities are summarized here.

4.2.1 2018 Field Studies

The objective of the 2018 field study was to collect preliminary data to assess the effectiveness of visual deterrents in changing bird behaviour during nesting, prior to flooding within the Whale Tail area. This portion of the study was carried out at test plots without flooding near the Whale Tail Haul Road (Objective 1). Researchers also collected baseline data on nest abundance in the Whale Tail South flood zone and Northeast Diversion flood zone (Objective 2).

Objective 1 – Effectiveness of Deterrents

The field team assessed 21 plots along the Whale Tail Haul Road between the Amaruq Camp and kilometer 163 (formerly km 48) over a 6-week period, beginning June 4, 2018. Plots were chosen with the use of Ecological Land Classification maps and ground truthing. Plots are 200 x 300 meters (6 ha), covering a mix of low-lying wet sedge habitat types representative of the habitats that will be flooded around Whale Tail Lake. The purpose of the plots was to allow spatially-independent samples in which to test deterrents.

Deterrents were planned to be set up prior to bird arrival, to assess differences in nesting between sites, but delays in shipment meant they were not erected until late June. As a result, changes in behaviour of individual birds after set-up of deterrents was assessed. Due to delays in shipment of audio deterrents, their effectiveness could not be assessed in 2018.

Objective 2 – Whale Tail Flood Zone Impact Assessment

Research teams surveyed five general areas the eventual flood zones over 8 days during peak incubation (June 24 – July 2, 2018). Within the Northeast Diversion flood zone, a total of 15 nests were found over 2 days of surveying the 18 ha flood zone, and within the Whale Tail South Diversion flood zone a total of 35 nests were found over 4 days of surveying a zone of 223 ha (see figures in 2018 Migratory Bird Protection Report).

Out of the 50 nests, 30 individual birds of 4 species were banded with individual markers so that they could be identified in the 2019 or subsequent field seasons, to determine if they breed nearby once they are prevented from returning to their breeding territories by flooding.

4.2.2 2019 Field Studies

Field studies in 2019 included repeating the study from 2018, and installing and assessing the effectiveness of deterrents in the Whale Tail flood zone, during flooding.

Objective 1 - Effectiveness of Deterrents

At the beginning of the 2019 study season (June 5 – 14), audio and visual deterrents were placed in the same experimental plots established in 2018 along the Whale Tail Haul Road (n = 15 plots). Experimental plots (300 m x 200 m) were divided into two types of treatment and control plots. Treatment 1 consisted of audio deterrents playing a mix of predatory and distress calls paired with a 20 x 20 m grid of Mylar® flash tape and a Jackite© hawk kite effigy. Treatment 2 consisted of audio deterrents with the use of Jackite© (a hawk kite effigy) only. Control plots had no deterrents present.

Nest and territory densities were compared between 2018 and 2019 using a before-after control-impact design.

Objective 2 - Whale Tail Flood Zone Impact Assessment

During the 2019 field season, sixteen (16) 6-ha plots within four study locations (Figure 4) were assessed for migratory bird presence in relation to active flooding and presence of deterrents. Deterrents were placed in the treatment plots (n = 4) within the active flood zone between June 16 – 17, 2019, and nest surveys were conducted every four days until July 14.

Objective 3 – Behavioural Responses

In 2019, monitoring was also conducted to assess behavioural responses to deterrents for the four main study species (Lapland Longspur, Horned Lark, Semipalmated Sandpiper, and Least Sandpiper). Behavioural response metrics included nest fate/success, incubation duration, and distance of nesting relocation.

4.2.3 2020 Field Studies

Field studies were planned to continue in 2020. However, due to COVID-related restrictions, this field season was postponed. Analyses of data collected in 2019 by the Trent research team continued, particularly to assess observed behavioural responses to deterrents.

4.2.4 2021 Field Studies

A complete summary of 2021 field studies prepared by the research team from Trent University is provided in Appendix A. The field study this year focused on the behavioural response objective 3(b), to determine the re-colonization of birds impacted by the flood (data required for objectives 1, 2, and 3a were collected in 2018 and 2019).

Objective 3 - Behavioural Responses

From approximately June 9 – July 12, nest and territory densities were assessed weekly in the previously selected 16 plots surrounding Whale Tail Lake (Figure 4). Surveys were conducted by a crew of 5, spaced 10-20 m walking in a line perpendicular to shore. Crew members recorded points using a handheld GPS for each bird sighted and stopped to find nests. Along with these points notes were recorded about the sex and behaviour of each bird, whether they were displaying, feeding, flyovers, or other.

In all study years nesting birds around Whale Tail were captured opportunistically, on the nest. They were then banded with a standard Canadian Wildlife Service numbered metal band and colour bands (Lapland Longspur, Least Sandpiper, and Horned Lark) or coded white leg flags (Semipalmated Sandpipers) with individual codes or colour combinations for identification.

If bird nesting was affected by the flood, then we expected to see lower nest and territory densities in the previously flooded areas in those plots. If the birds relocated further uphill into neighbouring non-flooded areas, then we expected to see the control plots (not subject to flooding) with higher nest and territory densities post flooding.

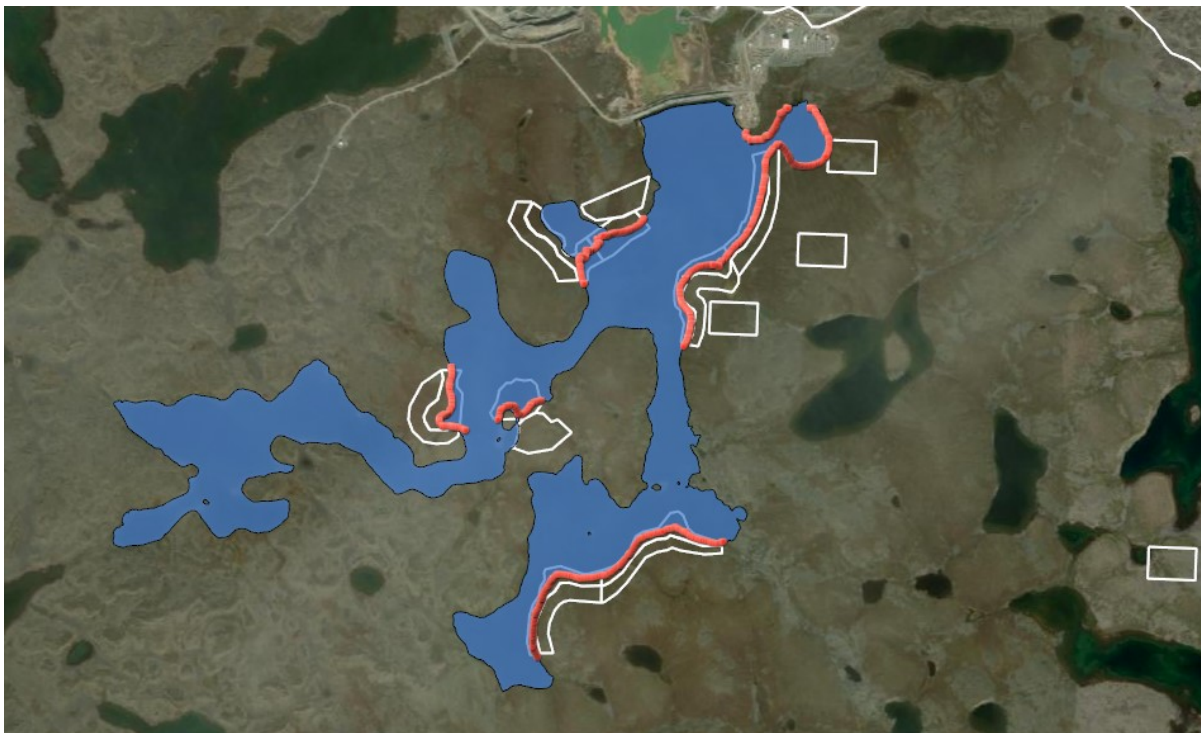


Figure 4. Map of Whale Tail Lake study area, including the maximum water levels measured in 2019, the water line walked in the plot areas at the start of the nesting season in 2021 (red) and the outlines of plots. Plots next to lake are partially flooded while adjacent control plots did not experience flooding (S. Bonnett).

4.3 RESULTS

4.3.1 Objective 1 – Effectiveness of Deterrents

Complete results describing the effectiveness of the tested deterrents are provided in Holmes (2022). These results demonstrate that the deterrents had limited success in dissuading birds from nesting, were relatively cost- and labour-intensive, and posed possible risks to other wildlife from entanglement. As a result, continued use of the deterrents is not recommended for the Whale Tail site.

4.3.2 Objective 2 - Whale Tail Flood Zone Impact Assessment

Data collected by the Trent research team and presented in Holmes (2022) and Appendix A has been collated here to calculate and discuss impacts of Whale Tail South flooding on migratory bird nesting success.

Flood Impact on Nest Survival

As shown in Figure 2, flooding of the Whale Tail South area was complete in 2019, with no additional increase in water elevations in 2020 as originally predicted. Loss of nests due to inundation was therefore estimated for 2019, based on observed nest losses, nest densities and nesting dates reported in Holmes (2022) and Appendix A, and water levels measured by Agnico Eagle using piezometers installed in the Whale Tail Dike (Section 2). Methods used here were applied in consultation with the Trent University researchers.

In 2019, the Trent crew was onsite from May 23 – July 19. According to Holmes (2021), the average nest initiation date was June 15, and by July 19, nesting success could be determined (fledging of passerines, or hatch of shorebirds). On average offspring leave the nest the second week of July for passerines and shorebirds in the study area (Holmes, per. obs.). Nests are therefore most vulnerable to flooding from mid-June (egg-laying) to mid-July (fledging). Within flood zone plots (those planned to incur flooding) the crew observed an overall average nest density of 68.8 nests/km² in 2019 (Appendix A).

Conservatively extending the observed nesting period by two weeks, from June 8 – July 26, 2019, water levels were measured to increase by 1.05 m during this time, from 154.40 masl to 155.46 masl. This increase in water level flooded approximately 0.60 km² of former terrestrial area (FEIS Addendum, Appendix 6-F, Figure A-2) during the nesting period. Based on observed average nest densities within flood zone plots in 2019, 42 nests are estimated to have been inundated and lost due to flooding (68.8 nests/km² * 0.60 km²), since deterrents were considered ineffective.

During the 2019 field season, the crew directly observed the loss of 6 nests due to rising water in the survey plots, so estimated a minimum nest loss of 37.5 nests/km² flooded. With 0.60 km² ultimately flooded between June 8 and July 26, 2019, a minimum of 23 lost nests would have been estimated by that method.

Depending on nest location within the plots, it is therefore estimated that the total number of nests lost to inundation is between 23 and 42 nests. According to species data collected by the Trent crew, 69% of nests in the flood zone plots were Lapland Longspur, 22% were Semipalmated Sandpiper, 6% were Savannah Sparrow, and 3% were Horned Lark.

Despite this loss of some nests due to flooding, overall daily nest survival was not significantly different between flood zone and adjacent upland control plots (assessed for passerines only). This assessment suggests that losses incurred due to flooding were minor compared to other factors leading to nest failure, such as abandonment or predation.

4.3.3 Objective 3 – Behavioural Responses

Behavioural Responses to Deterrents (Holmes, 2022)

Behavioural responses of nesting birds to deterrents were assessed using temperature probe data collected in 2019. Results from temperature probe data suggested that, after controlling for environmental and temporal variation in incubation behaviour, birds exposed to deterrents had a significantly increased frequency of breaks in incubation (“off bouts”) compared to birds in control plots, but no difference in the total proportion of time spent off the nest per 12 hour period (i.e., more and shorter incubation recesses). This suggests that birds in treatment plots were disturbed and pushed off their nest more often than birds nesting in control plots. However, despite these behavioural responses to disturbance from the deterrents, birds did not abandon nests, nor was their nest success impacted in comparison to birds nesting in control plots.

Dispersal Distances

Holmes (2022) found no statistically significant differences in average nest or territory density prior to flooding (2018) and during flooding (2019), indicating no significant evidence of birds’ territory packing into habitats adjacent to flooded areas in that year. Follow-up studies in 2021 (Appendix A) did indicate average number of nests and average bird density increased from 2019 to 2021 in non-flooded plots, and nest density decreased in flooded plots, supporting a hypothesis of birds moving their nesting sites to areas adjacent to flooding. However, this conclusion was not supported by evidence from re-sighting surveys. For example, one pair of Semipalmated Sandpipers that was banded in 2019 returned to the same flood zone plot to nest, but subsequently left the study area completely and could not be located.

SECTION 5 • SUMMARY

5.1 COMPARISON TO IMPACT PREDICTIONS

As described in the Whale Tail Pit Project FEIS (Agnico Eagle, 2016), a total of 10 waterbird nests and 88 upland bird nests were predicted to be impacted by flooding of 176 ha in the Whale Tail South and Northeast Diversion areas combined, if no mitigation was undertaken (TEMP Version 5, June 2018; Appendix F, Section 2.1). This prediction was made using nest density from limited shoreline surveys conducted in 2015/2016 ($98 \text{ nests}/1.76 \text{ km}^2 = 56 \text{ nests}/\text{km}^2$ or $0.56 \text{ nests}/\text{ha}$).

Updated assessments in the FEIS Addendum (Agnico Eagle, 2018) refined the estimate for the Whale Tail South flood zone as shown in Table 1 (columns “FEIS Addendum Predictions”). A total of 89 nests, or $0.56 \text{ nests}/\text{ha}$ in 148.5 ha of terrestrial flooding were expected to be impacted based on a maximum water elevation of 156.0 masl, reached in 2021. No impacts were predicted for the Northeast Diversion area, since flooding of this area was no longer planned under the Whale Tail Expansion Project.

These impact predictions were conservatively based solely on total terrestrial area flooded and observed nest densities in the 2015/2016 assessment years (nest density * total flooded area). As described in Section 4.3.2, measured impacts were re-calculated here using nest density for the assessment area during the flood year (2019), and incorporating timing of nesting and flooding (Table 1 - Measured Impacts²). More than 40 ha were inundated prior to initiation of the breeding season, and peak flood levels were lower than predicted, resulting in a reduced area of impact. Based on these calculations (Section 4.3.2), a total of 23 - 42 nests are estimated to have been inundated by flooding in the Whale Tail South area. Impacts did not extend beyond 2019, since flood levels peaked in that year (only freshet-related flooding occurred in 2020 and subsequent years, and it did not extend beyond 2019 flood levels, so no increase in the flood zone has occurred after 2019 – Table 1, “Measured Impacts - Change in Peak Flood Area”). Follow-up surveys in 2021 found no nests within the 2019 high-water mark, indicating birds have adjusted their territories to the new seasonal freshet-related water line changes.

Since flooding of the Northeast Diversion area did occur in 2019 under the Whale Tail Pit Project, prior to permitting of the Expansion Project, estimates of nest impacts are updated here and conservatively compared to FEIS Addendum predictions. For this area, water levels were measured at 156.0 masl prior to nesting in early June 2019, and peak flood occurred during the nesting season on July 6, 2019 (156.7 masl), flooding approximately 9 ha during nesting and potentially impacting an estimated 8 nests based on the nest density observed by the research team in that area in 2018 (15 nests in 18 ha; nest densities were not re-assessed in 2019 for the Northeast Diversion zone). In 2020, no increase in flood levels occurred, as water levels were maintained during June and July for operational purposes, and then this area was dewatered to permit construction of the IVR pit.

Despite the increased nest density in 2019 compared to 2015/2016, and the inclusion of impacts for the Northeast Diversion area, the combined total of 31 – 50 nests estimated to have been lost through flooding is less than the FEIS Addendum prediction of 89 nests (Table 1). As discussed above, this is largely due to the conservative nature of FEIS assumptions and refinements made here to incorporate timing of flooding with respect to the breeding season, based on field observations in the flood year.

Table 1. FEIS Addendum predictions for change in peak flooded terrestrial area and number of impacted nests in the absence of mitigation (from Agnico Eagle, 2018; Table 5.5-11); and measured impacts based on observed 2018/2019 nest densities and measured flood levels. See text for further description of results.

Nesting Year	FEIS Addendum Predictions (2018)			Measured Impacts (2022)		
	Change in Peak Flood Area (ha)	Nests Impacted	Cumulative Nests Impacted	Change in Peak Flood Area (ha)	Nests Impacted	Cumulative Nests Impacted
2018	2.24	3	3	0	0	0
2019	+108.26	+62	65	+147.5	+31 - 50	31 - 50
2020	+34.66	+21	86	+0	0	31 - 50
2021	+3.34	+3	89	+0	0	31 - 50

² The 2019 and 2020 measured impacts in this table have been updated compared to the 2020 Migratory Bird Protection Report, using the final 2019 measured nest density in the flood zone assessment area (reported in Holmes, 2022) and assumptions for timing described in Section 4.3.2. Previously, 2020 measured impacts conservatively included potential nests in the 2020 freshet-related flood zone, which were removed here after 2021 studies found no nests are initiated in this area (Appendix A).

5.2 CONCLUSION

In summary, this project demonstrated that Arctic-nesting birds are not easily discouraged from nesting in their preferred locations and show limited responses to visual and audio deterrents. Based on their limited success, the cost of the equipment and labour required to deploy and maintain them, and the potential for impacts to other wildlife, these deterrent methods were not recommended for mitigating nest loss in the future.

Flood impacts on nesting birds were recalculated using refined nest densities, nesting dates, and flood levels compared to conservative FEIS predictions. Despite increased nest densities in the 2019 flood season compared to baseline data, fewer nests were estimated to have been impacted than predicted in the FEIS Addendum, since significant flooding occurred prior to the breeding season and peak flood levels were ultimately lower than modelled. Further, despite this loss of some nests due to flooding, overall daily nest survival was not significantly different between flood zone and adjacent upland control plots, suggesting that losses incurred due to flooding were minor compared to other factors leading to nest failure, such as abandonment or predation.

While post-flood follow-up monitoring in 2021 indicated that more birds may now be nesting in upland plots adjacent to the flood zone based on increased nest densities in these areas, these results are not corroborated by mark-resighting surveys and are considered inconclusive.

With the completion of flooding in 2019 and as further confirmed by the 2021 follow-up field studies in which no nests were located within the new high-water mark, mitigation measures for migratory birds related to flooding are no longer required in the Whale Tail South flood zone. No further reporting under the Migratory Bird Protection Plan is anticipated. A brief update on final results for the analysis of dispersal distances will be provided in the 2022 Wildlife Monitoring Summary Report, along with references for the anticipated publications.

REFERENCES

Agnico Eagle (2018) Final Environmental Impact Statement (FEIS) Addendum. Whale Tail Pit – Expansion Project. Submitted to Nunavut Impact Review Board. November 2018.

Agnico Eagle (2016) Whale Tail Pit Project - Meadowbank Mine Final Environmental Impact Statement. Submitted to the Nunavut Impact Review Board. June 2016.

Holmes, G. I. (2022) Assessing and Mitigating the Impacts of Mining-Induced Flooding on Arctic-Nesting Birds. Trent University MSc Thesis. Available at: <http://digitalcollections.trentu.ca/objects/etd-976>

APPENDIX A

2021 Trent University/ECCC Study Summary Report

Waterbird Mitigation Project Agnico Eagle Mines Ltd

2021 Progress Report



Sarah Bonnett, Gill Holmes

Trent University, Environment and Climate Change Canada, Agnico Eagle Mines Ltd.

All photos by Sarah Bonnett.
Cover photos of the same area of Whale Tale Lake in 2018 (top) and 2021 (bottom).

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Introduction

Mining and other forms of resource development frequently result in disturbance to wildlife that is difficult to avoid. Technological options to mitigate these impacts are therefore of great interest to resource developers and conservationists alike. Mining is an important economic driver in the north by providing jobs for people living in northern communities (Cameron and Levitan 2014; Belayneh et al. 2018). In Nunavut alone, 18% of the gross domestic product in 2014 was associated with resource extraction (AMAP 2017). Mineral, oil, and gas exploration is expected to increase throughout the Arctic landscape (A.T. Kearney Inc. 2015), leading to land use changes and disturbance of critical habitat for wildlife (Wilson et al. 2013). Resource extraction can have detrimental impacts on habitat quality through the manipulation of landscapes, increased pollutants, human traffic and infrastructure (Reijnen et al. 1997; Johnson et al. 2005; Hassan 2016). Studies from Hof et al. (2017) have demonstrated that arctic-nesting birds are especially vulnerable to climate change; with the increase of resource extraction in these landscapes leading to loss in nesting habitat there is an even greater chance for species loss (Gajera et al. 2013; Bernath-Plaisted and Koper 2016). Finding a balance between conservation and economic growth is crucial in vulnerable landscapes such as the Arctic, particularly when faced with climatic change (Wauchope 2016).

This project is a collaboration between Trent University, Environment and Climate Change Canada, and Agnico Eagle Mines Ltd., to assess the impact of mining-induced flooding on arctic-breeding birds. This report outlines the objectives fulfilled during the 2021 field season, as well as next steps for analysis and recommendations for the future.

Project Objectives

The objective of this study was to determine the impact of mining-induced flooding on nest loss, success, and dispersal of arctic-nesting birds, by quantifying the timing and distribution of nesting behaviour relative to the timing and distribution of the flooding. This objective will be met through the completion of three activities:

- 1: (COMPLETED 2018)** Census the pre-determined flood zone for active nests of arctic-nesting birds to determine the numbers of nests and the density of breeding birds within the flood zone.
- 2: (COMPLETED 2019)** Document dispersal distance after flooding-induced nest losses as well as the likelihood of re-nesting, and the changes in nest densities in areas adjacent to the flood zone by tracking movements of banded birds.
- 3: (2021)** Determine the timing of post-flooding re-colonization by breeding birds, by documenting nest densities as a function of time post-flooding.

The study in 2021 focused on the third objective to determine the re-colonization of birds impacted by the flood. Nest and territory densities were monitored in the 16 plots within the flood zone surrounding Whale Tail Lake. If bird nesting was affected by the flood, then we expected to see lower nest and territory densities in the previously flooded areas in those plots. If the birds relocated further uphill into neighbouring non-flooded areas, then we expected to see the control plots (not subject to flooding) with higher nest and territory densities post flooding.

2021 Field Season Overview

The field season began on the 9th of June, with the arrival of Sarah Bonnett, MSc Candidate, and technicians Sophie Roy and Tessa Gayer. Tessa is a Co-op student with Trent University's Conservation Biology Co-op program. During the field season to round out the crew we were appreciative to have the help of several members of the Amaruq camp's environment crew including but not limited to: Alice Atikessé, Nadine Blatter, Arielle Girard, Catherine Mercier, and Sarah Swiderski.

At the time that the crew arrived at the site snow had already partially melted and was only estimated to be ~20% of land cover. This meant that we were unable to do thorough territory mapping of Lapland Longspur and Semipalmated Sandpipers since their peak display occurred earlier than our arrival and nesting was well underway.

We noted that the water levels on Whale Tail Lake early in the season were much higher than the pre-flood surveys in 2018, and very similar to the high waterline measured in 2019. The waterline receded after the channel to Mammoth Lake thawed, but still remained high throughout the nesting season.

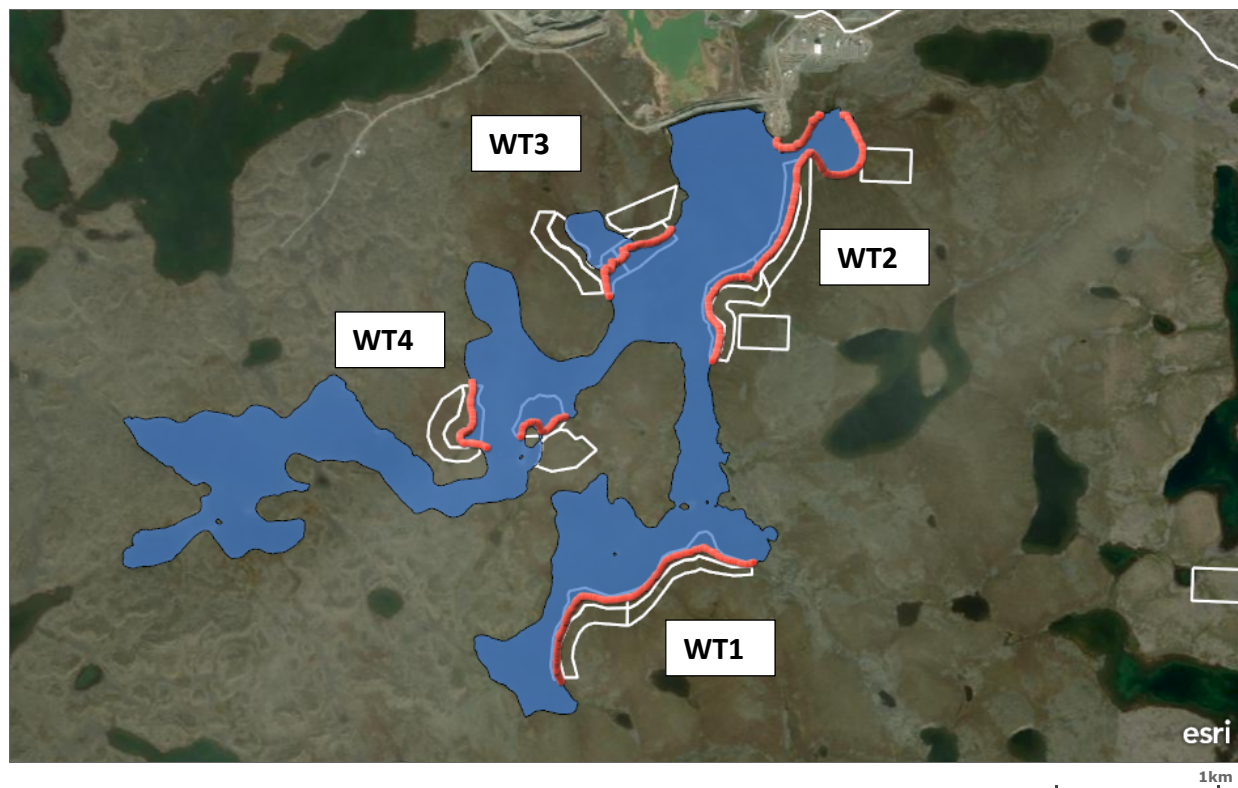
The field crew remained on site at Amaruq for a total of 41 days with crew leaving on 12 July (Sophie and Tessa), and 19 July (Sarah).

Methods

Surveys

In 2018 the proposed flood area around Whale Tail Lake was surveyed by 5 crew spaced out 10-20m walking a line perpendicular to the shore. Crew members recorded points using a handheld GPS for each bird sighted and stopped to find nests. Along with these points notes were recorded about the sex and behaviour of each bird, whether they were displaying, feeding, flyovers, or other.

In 2019 16 6ha plots were set up for intensive nest searching, and territory mapping. Plots were set up in groups of 4, with two along the shore in the proposed flood zone, and 2 adjacent plots outside the flood area (Figure 1). In 2021 these same plots were visited weekly and surveyed in a similar manner to the 2018 survey.



Source: PGC, UMN, Esri | Earthstar Geographics

Figure 1: Map of Whale Tail Lake study area, including the maximum water levels measured in 2019, the water line walked in the plot areas at the start of the nesting season in 2021 (red) and the outlines of plots. Plots next to lake are partially flooded while adjacent control plots did not experience flooding.

Marking and Re-sighting

In all study years nesting birds around Amaruq were captured opportunistically, on the nest. They were then banded with a standard Canadian Wildlife Service numbered metal band and colour bands (Lapland Longspur, Least Sandpiper, and Horned Lark) or coded white leg flags (Semipalmated Sandpipers) with individual codes or colour combinations for identification. Individuals could be re-sighted both within the same season and between years. Anytime banded birds were resighted a waypoint of their location was saved, using a handheld GPS. Additionally, the colour combination or flag code recorded. When possible, photos were taken to be 100% confident of the resighted bird's flag or colour combinations (Figure 2).



Figure 2: Two birds banded in 2019 and resighted in 2021. A female Lapland Longspur (left), showing her unique colour band combination (pink over federal metal band on left leg and red over mauve on the right leg) and a Semipalmated Sandpiper showing an orange-stained white flag engraved with the code CAC.

Analysis

To filter the points and avoid double counting territories within each year, we removed points with no breeding evidence (groups of birds and single birds feeding), as well as duplicate points for the same birds. Points from the same species were assessed individually in QGIS and Basecamp to assess if birds with breeding evidence (displaying males, alert females, resighted birds, and found nests) were close enough to be within the same territory. Duplicate points were points for the same species from the same survey or different surveys that were within 20m of each other or a nest. This assumption was made based on known territoriality of species and measured average territory sizes for the area from previous visits (average territory size of Lapland Longspur, = $3988.0 \pm 482.3 \text{ m}^2$; Horned Lark = $7258.2 \text{ m}^2 \pm 2185.7 \text{ m}^2$; Semipalmated Sandpiper and Least Sandpiper = $4294.6 \pm 1488.7 \text{ m}^2$) (Holmes 2021).

Bird densities were then calculated using the area of the plots. For the flood plots in 2019 and 2021, the area of the plots used was the area that was not underwater during the survey season. Areas of the flood plots that were underwater were removed in QGIS using the GPS tracks of surveyors from walking the waterline to measure what to remove from plots. This ensured that bird densities of the plots would not be lower because of a large portion of those plots being underwater at the time of nesting. The densities were calculated individually for each plot, and then averaged for all flood and all control plots.

Results

Water Levels and Habitat Change

The water levels at the start of the field season were similar to the measured high-water levels in 2019, and while they did decrease after the channel from Whale Tail Lake to Mammoth Lake thawed, they did not decrease by a large amount. These higher water levels have also caused habitat changes to the tundra: areas that were under water from the high-water levels early in the season later showed vegetation die-off, lichens washed away, more exposed substrate, and an increase in moss carpet (Figure 3). Birds observed in these areas were feeding, and no nests were found in this changed tundra habitat.

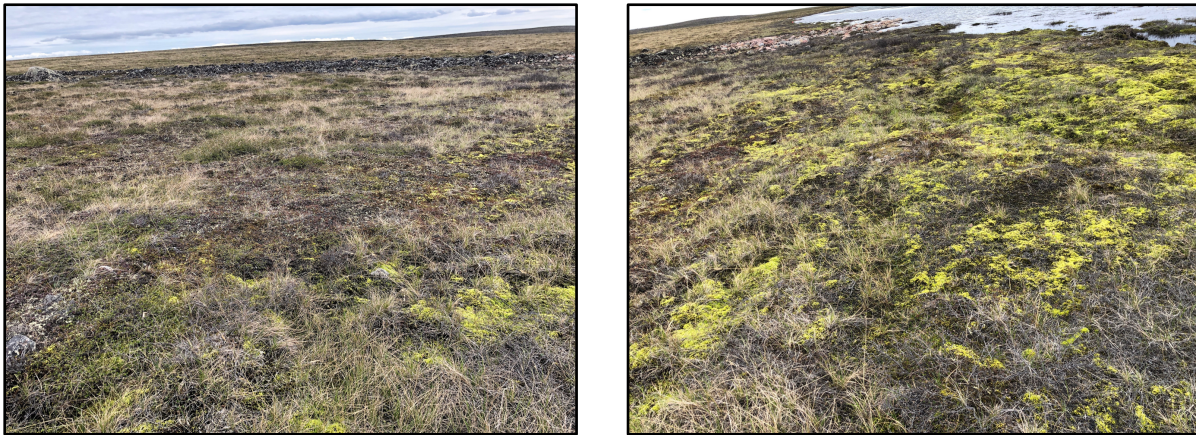


Figure 3: An area that was previously flooded (right) with lichens washed away and an increase in moss carpet, and the adjacent tundra (left) that was not flooded with higher amounts of lichen, and herbaceous vegetation. These two photos were taken at the same time with the researcher standing in the same spot.

Nests around Whale Tail Lake

In summer of 2021 we found a total of 87 nests around Whale Tail Lake and surrounding areas, including: 53 Lapland Longspur, 17 Semipalmated Sandpiper, 7 Horned Lark, 3 American Golden-Plover, 3 Least Sandpiper, 2 Rock Ptarmigan, 1 Common Redpoll, 1 Northern Pintail, and 1 Savannah Sparrow. Inside the 16 Whale Tail study plots there was a total of 49 nests. Of importance, no nests were found within area of the high-water line measured in 2019. There were significantly fewer Lapland Longspur nests found in the plots that experiences flooding than plots that did not (Table 1, $t=2.39$, $P < 0.02$).

The flooded plots in 2021 show a decrease in average number of nests (2.25 nests/plot) from 2018 (3.63 nests/plot) and 2019 (4.13 nests/plot). However, there was an increase in average nests found in 2021 (3.75) control plots compared to 2019 (2.75 nests/plot).

70% of Lapland Longspur and 82% of Semipalmated Sandpiper nests around Whale Tail Lake (including flood, control, and nests found outside of study plots) were successful (Table 2). The most common cause of failed nests was predation. The presence of several predators of songbirds, shorebirds, and their nests was recorded including arctic fox, Herring Gull, Glaucous Gull, Peregrine Falcon, and Rough-legged Hawk. No nests were lost due to flooding in 2021 due to the flooding of Whale Tail Lake being finished and the water levels dropping throughout the season.

Table 1: Bird nests found in 2021 in the 6ha study plots around Whale Tail Lake. Plots have been combined into the plots that experienced flooding (F) and the plots that did not (C) with the nest tally for birds outside of the plots combined. Lapland Longspur (LALO), Semipalmated Sandpiper (SESA), Least Sandpiper (LESA), Horned Lark (HOLA), American Golden-Plover (AMGP), Northern Pintail (NOPI), Rock Ptarmigan (ROPT), Common Redpoll (CORE), and Savannah Sparrow (SAVS).

Species	WT1		WT2		WT3		WT4		Out
	C	F	C	F	C	F	C	F	
LALO	8	1	6	3	4	4	5	1	21
SESA	1	1	3	3	1	3	2	-	3
LESA	-	-	-	-	1	-	-	-	2
HOLA	-	-	-	1	-	-	-	1	5
AMGP	-	-	-	-	-	-	-	-	3
NOPI	-	-	-	-	-	-	-	-	1
ROPT	-	-	-	-	-	-	-	-	2
CORE	-	-	-	-	-	-	-	-	1
SAVS	-	-	-	-	-	-	-	-	1

Table 2: Nest fates of the 4 focal species: Lapland Longspur (LALO), Semipalmated Sandpiper (SESA), Horned Lark (HOLA), and Least Sandpiper (LESA). Nests were considered successful (S) when chicks hatched (SESA and LESAs) or chicks fledged the nest (LALO and HOLA). Nests were considered failed (F) when the nest was empty before hatch, fledge, or abandoned. Some nests had fates remain unknown (U) when the birds were still nesting when researchers left, or the space between nest checks was too long to confirm success.

Species	Control			Flood			Out		
	S	F	U	S	F	U	S	F	U
LALO	14	3	6	8	1	-	15	4	2
SESA	3	1	-	7	-	-	4	-	2
HOLA	4	-	-	1	1	-	-	1	-
LESA	1	-	-	-	-	-	2	-	-

Bird densities around Whale Tail Lake

In 2021 the average densities of birds (all species) in the plots around Whale Tail Lake was 167.84 birds/km² in control plots and 96.44 birds/km² in plots that experienced flooding. The bird densities in the flooded plots were lower than the flooded plots in 2018 (131.73

birds/km²) and higher than 2019 (73.39 birds/km²). The bird densities in the control plots were higher than the 2019 (47.66 birds/km²).

Behavioural Responses: Marking and Re-sighting

139 birds were banded in all years including 77 Lapland Longspur (2018, 2019, 2021: 29, 26, 22), 50 Semipalmated Sandpiper (13, 20, 17), 8 Horned Lark (2, 0, 6), and 4 Least Sandpiper (3, 1, 0). Of the 94 birds banded in 2018 and 2019, 19 were resighted in 2021, including 36% of banded Semipalmated Sandpipers and 9% Lapland Longspur, and another 2 individual Lapland Longspur whose colour band combination was not 100% confirmed.

Two of the Semipalmated Sandpipers who were paired in 2019 and successfully nested in the low area of the WT3 plots that were flooded were resighted in the same area on the 15th of June at the start of 2021. At this time the water levels were still near the high-water line measured in 2019 and this area was very wet and not suitable nesting habitat for Semipalmated Sandpipers. These two birds were not sighted again for the rest of the 2021 season, suggesting they did not nest in this area. We were unable to find where this pair did go.

Table 3: Summary of resighted birds in 2021 that were originally banded in 2018 and 2019 at the Whale Tail Lake sites (WT) and the study sites accessible from the Amaruq Road (AR).

Species	2018		2019	
	WT	AR	WT	AR
Lapland Longspur	2	0	3 (+2 possible)	1
Semipalmated Sandpiper	2	1	8	1

Discussion and Conclusions

In the plots that experienced flooding the average number of nests found decreased in 2021 from both 2018 and 2019, however, the average bird density in the plots decreased from 2018 but increased from 2019. Both 2021 and 2019 had lower densities than those measured in 2018, supporting the hypothesis that the flood would affect bird densities around Whale Tail Lake. However, these areas appeared to be used for foraging, rather than nesting. It is important to note that this area that was underwater during the peak flood high-water is no longer suitable nesting habitat for the species we monitored, and as expected, no nests were found.

In the non-flooded plots, the average number of nests, and average bird density, increased from 2019 to 2021, supporting the hypothesis that birds may have moved uphill to areas that were not as flood prone. However, we did not see this in the resighted birds. A pair

that was banded previously and returned to the same area to nest, left the study area completely and we do not know where they went to nest this year.

The habitat that was flooded changed drastically from the high-water levels, including uprooting and removal of lichens, sedges, and grasses, die-off of willows (*Salix* sp.) and dwarf birch (*Betula nana*) which did not leaf-out, and a noticeable reduction in vascular plants flowering, leafing out, or growing. In the future, habitat studies prior to and after flooding to quantify and assess habitat damages and regeneration timelines would be recommended.

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APPENDIX D

Wildlife Mortality Reports

Wildlife Incident Report Form

Date:	2021-01-23	Time:	12:55 am
Individuals involved:	Isabelle Couture		
	Emilie Fouilloux		
Species:	Raven		
Number, gender, age:	Adult		
Location (description):	AWAR, km8		
Location (UTM):	14W 643725 7143327		
Digital photo numbers:	2021-01-23 Raven		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>During a wildlife survey, the environmental team noticed a dead crow on the side of the road (AWAR, km8). – No on scene photo was taken. Photo taken once back on site.</p> <p>Not enough information to determine the exact mortality cause. Cannot confirmed if the raven was dead before vehicle impact or if the death occurred with the impact of a vehicle.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
<p>N/A.</p>			
Describe any communication with GN-DOE:			
<p>No communication was done.</p>			
What immediate measures were taken to reduce risk or harm?			
<p>The raven carcass was removed from the road to eliminate the risk to attract carnivores close to the road, then the carcass was brought to the incinerator.</p>			
What measures are recommended to prevent future occurrences?			
<p>No specific recommendation.</p>			
Report prepared by:	Isabelle Couture	Reviewed by:	Eric Haley

Wildlife Incident Report Form

Date:	2021-02-14	Time:	16:30
Individuals involved:	Louis Dubois – ENV	Tom Thomson - ENV	
Species:	Wolverine		
Number, gender, age:	1, Female, Unknown		
Location (description):	West of Core Shack Storage		
Location (UTM):	14 W 0637768 7214048		
Digital photo numbers:	See below		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>Between January 1 and February 14, Environment responded to 15 calls for Wolverine on site.</p> <p>Detering efforts consisted of a pick-up horn, bangers, and rubber bullets when the animal would not flee the area. Inspections of the mine site and camp area are conducted on a weekly basis, no food waste was observed.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
<p>At approximately 16:00, Environment was called to a Wolverine sighting on the airstrip. The wolverine was reported crossing the airstrip and moving towards the refer pad. Prior to Environment arriving, the wolverine started moving towards the Nova Camp and Core Shack area where employees were working outside. Environment technician arrived on the scene with a shotgun and deterring ammunition. The wolverine skirted the west side of the core shack and proceed towards the main camp. At approximately 20 m from the wolverine, a rubber bullet was fired, the wolverine turned and ran west, a second rubber bullet was fired and hit the animal just in front of the hind leg. The wolverine immediately rolled over, stood up and started staggering. The wolverine only walked for a few meters before falling over. The wolverine did not get up and appeared badly injured.</p> <p>Environmental technician immediately called his supervisor Environment Coordinator Tom Thomson. Both technician and Coordinator returned to the scene, where the wolverine had not moved and was bleeding heavily. Environment Coordinator authorized the dispatch of the animal to prevent further suffering. A single 12g slug was fired to ensure the animal was dead.</p> <p>GPS coordinates and photos were collected along with the carcass. The wolverine carcass will be disposed in the incinerator at Meadowbank.</p>			
Describe any communication with GN-DOE:			
<p>No email exchange had occurred between Meadowbank Environment Coordinators and GN Conservation Officers as of Feb 14th. Current deterring methods of vehicle horns, bangers, and rubber bullets were proving efficient.</p> <p>Only in the past 3 days did the observations become more frequent.</p>			
What immediate measures were taken to reduce risk or harm?			
<p>Respond to sightings immediately.</p> <p>Routine inspections were conducted around the site to ensure no food waste was present.</p>			

What measures are recommended to prevent future occurrences?
Continue to educate departments on Wildlife interactions, food waste and attractants.
Continue to follow problematic Wildlife procedures and ensure good communication with GN Conservation Officers.

Report prepared by:	Louis Dubois	Reviewed by:	Tom Thomson
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Photo 1: Where the wolverine was first shot (West of core shack) Photo 2: Trace of blood



Photo 3: Trace of blood



Photo 4: Wolverine



Wildlife Incident Report Form

Date:	2020-03-27	Time:	13:00
Individuals involved:	Isabelle Couture		
	Nicolas Saucier		
Species:	Arctic fox		
Number, gender, age:	-unknow		
Location (description):	KM 103 on the AWAR		
Location (UTM):	14 W 635959 7217014		
Digital photo numbers:	20210327-1	20210327-2	20210327-3
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While performing a wildlife survey going southbound, the environmental technician found a dead in the middle of the road at the km mark 103 on the Meadowbank All-Weather-Access-Road (AWAR). There was visible sign of impact with a vehicle on the carcass.</p> <p>The carcass was recovered and will be disposed of at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
N/A			
What immediate measures were taken to reduce risk or harm?			
Reminder given at the daily management update meeting to discuss with all crews the rules of the road.			
What measures are recommended to prevent future occurrences?			
Keep informing people of the right of way of wildlife and the importance of reporting any sighting or incident.			
Report prepared by:	Nicolas Saucier	Reviewed by:	Eric Haley







Wildlife Incident Report Form

Date:	2021-05-16	Time:	3:10pm
Individuals involved:	Emilie Fouilloux		
Species:	Arctic hare		
Number, gender, age:	-		
Location (description):	AWAR – km22		
Location (UTM):	No coordinates were taken		
Digital photo numbers:	Arctic hare (1)	Arctic hare (2)	Arctic hare (3)
	Arctic hare (4)	Arctic hare (5)	Arctic hare (6)
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While performing a wildlife survey, environmental staff observed what appeared to be an arctic hare carcass. It appeared to be roadkill and then scavenged.</p> <p>The remaining carcass were recovered and disposed of at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
N/A			
What immediate measures were taken to reduce risk or harm?			
N/A			
What measures are recommended to prevent future occurrences?			
Continue to raise awareness regarding wildlife right-of-way. Communication sent out site-wide via the Daily Communicator.			
Report prepared by:	Isabelle Couture	Reviewed by:	Eric Haley













Wildlife Incident Report Form

Date:	2021-07-28	Time:	13:00
Individuals involved:	Erik Ikoe - GN		
Species:	Fox		
Number, gender, age:	1, Pup		
Location (description):	KM70 along AWAR		
Location (UTM):	14W 627418 7192523 (KM70 AWAR)		
Digital photo numbers:	2021-07-28 (1)	2021-07-28 (2)	2021-07-28 (3)
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On July 28, 2021 at 13:00pm, Erik Ikoe – GN Department of Environment was completing a general patrol of the AWAR and came across a fox pup that had been hit or run over by a vehicle.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
<p>At 16:00 on July 28, 2021 – Erik Ikoe reached out to Tom Thomson AEM Environmental Coordinator via email to advise him on the incident.</p> <p>At 16:30 on July 28, 2021 - Erik Ikoe – GN Department of Environment confirmed that the pup had been removed from the road and was in possession of the animal at the GN office in Baker Lake.</p>			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attraction to the area any scavengers and/or predators.</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Tom Thomson	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-08-06	Time:	6:50AM
Individuals involved:	Rowan Woodall	Morgan Finley	
Species:	Arctic Hare		
Number, gender, age:	-		
Location (description):	Middle of WTHR just before KM171		
Location (UTM):	14W 0611980 7250277		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it? On August 6 th 2021 at 6:50AM Rowan Woodall – Environment Technician Agnico Eagle Mines Limited was performing and wildlife road survey of the WTHR when he discovered an Arctic Hare that had been run over by heavy equipment.			
Describe any use of wildlife deterrents: Describe any wildlife mortality: 			
Describe any communication with GN-DOE: 			
What immediate measures were taken to reduce risk or harm? The animal was removed from the road to avoid attracting any scavengers and/or predators			
What measures are recommended to prevent future occurrences? A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.			
Report prepared by:		Reviewed by:	

Wildlife Incident Report Form

Date:	2021-08-07	Time:	16:45
Individuals involved:	Olivier Jean		
Species:	Arctic Fox		
Number, gender, age:	Adult		
Location (description):	WTHR KM171		
Location (UTM):	14W 637447 7215163		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it? <p>On August 7th, 2021 at 16:45 Olivier Jean – Environmental Intern for Agnico Eagle was performing and wildlife road survey of the AWAR when he discovered an Arctic Fox that had been run over by heavy equipment.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Louis Dubois	Reviewed by:	Eric Haley

Wildlife Incident Report Form

Date:	2021-08-07	Time:	7:30 AM
Individuals involved:	Nadine Blatter		
Species:	Arctic Hare		
Number, gender, age:	-		
Location (description):	Middle of AWAR KM40		
Location (UTM):	14W 630034 7167310		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On August 7th, 2021 at 7:30AM Nadine Blatter – Environment Student College – 2 Agnico Eagle Mines Limited was performing and wildlife road survey of the AWAR when she discovered an Arctic Hare that had been run over by heavy equipment.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Louis Dubois	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-08-09	Time:	Night shift
Individuals involved:	Louis Dubois	Brent Reid	
	Sarah Swiderski		
Species:	Arctic Hare		
Number, gender, age:	-		
Location (description):	WTHR km 142		
Location (UTM):	14W 624500 7235845		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On August 9th, 2021 during the night. A long-haul truck driver reported a dead fox at km 142. The animal was killed due to a vehicle collision. Carcass was disposed at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>Sarah Swiderski – Environment Student Agnico Eagle Mines Limited removed the Hare from the road to avoid attracting any scavengers and/or predators.</p> <p>No photos were taken.</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Louis Dubois	Reviewed by:	Eric Haley

Wildlife Incident Report Form

Date:	2021-09-10	Time:	11:30
Individuals involved:	Isabelle Couture		
	Lia Bilodeau		
	Sylvain Singati		
Species:	Arctic Fox		
Number, gender, age:	Adult		
Location (description):	AWAR KM61		
Location (UTM):	14W 0626233 7185593		
Digital photo numbers:	2021-09-10 Arctic Fox Km61		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On September 10th, 2021 at 11:30 Isabelle Couture – Environmental Technician for Agnico Eagle was performing a wildlife road survey of the AWAR when she discovered an Arctic Fox that appears to have been run over by a vehicle then scavenged by an animal. Carcass was disposed at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
<p>N/A</p>			
Describe any communication with GN-DOE:			
<p></p>			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Isabelle Couture	Reviewed by:	Eric Haley


Wildlife Incident Report Form

Date:	2021-09-10	Time:	11:50
Individuals involved:	Isabelle Couture		
	Lia Bilodeau		
	Sylvain Singati		
Species:	Arctic Fox		
Number, gender, age:	Juvenile		
Location (description):	AWAR KM52		
Location (UTM):	14W 0624977 7177464		
Digital photo numbers:	2021-09-10 Arctic Fox km52		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On September 10th, 2021 at 11:50 Isabelle Couture – Environmental Technician for Agnico Eagle was performing a wildlife road survey of the AWAR when she discovered an Arctic Fox that have been run over by a vehicle. Carcass was disposed at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
<p>N/A</p>			
Describe any communication with GN-DOE:			
<p></p>			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Isabelle Couture	Reviewed by:	Eric Haley

Wildlife Incident Report Form

Date:	2021-09-15	Time:	10:40
Individuals involved:	Sylvain Singahti		
	Lia Bilodeau		
Species:	Arctic Hare		
Number, gender, age:	Adult		
Location (description):	AWAR KM 66		
Location (UTM):			
Digital photo numbers:	2021-09-15 Arctic Hare .1	2021-09-15 Arctic Hare .2	
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On September 15 2021 at 10:30 am. Sylvain Singahti And Lia Bilodeau --- Environmental Helper/Intern were performing a wildlife road survey of the AWAR when they discovered an Arctic Hare that appears to be ran over by a vehicle. Carcass was picked-up and disposed at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators.</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Sylvain Singahti	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-09-18	Time:	10:30
Individuals involved:	Fanny Laporte		
	Kathleen Newberry		
Species:	Arctic Hare		
Number, gender, age:	-		
Location (description):	AWAR KM 32		
Location (UTM):	14W 633936 7162893		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While driving to Baker Lake on September 18th, we recovered a dead arctic hare at KM 32 in the middle of the road. The carcass had obvious sign of roadkill and was eviscerated. It was picked up and brought to the incinerator.</p> <p>Nobody had reported an incident with an animal.</p>			
			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			

Email and mortality report sent to wildlife officer			
What immediate measures were taken to reduce risk or harm?			
We removed the Hare from the road to avoid attracting any scavengers and/or predators.			
What measures are recommended to prevent future occurrences?			
A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road & right of way			
Report prepared by:		Fanny Laporte	Reviewed by: Tom Thomson

Wildlife Incident Report Form

Date:	2021-10-13	Time:	11:30
Individuals involved:	Sylvain Singahti		
	Lia Bilodeau		
	Nicolas Saucier		
Species:	Arctic Fox		
Number, gender, age:	Adult		
Location (description):	AWAR KM16		
Location (UTM):	14 W 641348 7150016		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>On October 13th, 2021 at 11:30 the environment team for Agnico Eagle was performing a wildlife road survey of the AWAR when they discovered an Arctic Fox that appears to have been run over by a vehicle. Carcass was disposed at the incinerator.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
The animal was removed from the road to avoid attracting any scavengers and/or predators			
What measures are recommended to prevent future occurrences?			
A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.			
Report prepared by:	Nicolas Saucier	Reviewed by:	Samuel Tapp

Wildlife Incident Report Form

Date:	2021-10-28	Time:	10:15
Individuals involved:	Louis Dubois		
Species:	Arctic Hare		
Number, gender, age:	Adult		
Location (description):	Middle of the road at km 92		
Location (UTM):	14W 630999 7210703		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While driving south bound, I saw a dead arctic hare in the middle of the road at km 92. By being on the middle of the road, the hare became a threat to human and wildlife safety since it could attract carnivores and lead to another roadkill. Given the condition and location of the hare, he was the victim of a roadkill.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
<p>No deterrents were used.</p>			
Describe any communication with GN-DOE:			
<p>Communication with the GN-DOE will be done during the monthly report.</p>			
What immediate measures were taken to reduce risk or harm?			
<p>Hare was removed from the road and brought to the incinerator.</p>			
What measures are recommended to prevent future occurrences?			
<p>Be vigilant on the road.</p>			
Report prepared by:	Louis Dubois	Reviewed by:	Louis Dubois

Wildlife Incident Report Form

Date:	2021-10-30	Time:	12:00PM
Individuals involved:	Rowan Woodall		
	Kevin Martee		
Species:	Arctic Hare		
Number, gender, age:	N/A		
Location (description):	Middle of the road at KM 115		
Location (UTM):	14W 0640460 7219869		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>Dispatch contacted the coordinator regarding locations of multiple dead arctic hares along the WTHR. The arctic hares appeared to have been struck by a vehicle traveling along the WTHR.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>The ENV crew was sent to retrieve the carcass. When the arrived, it had already been scavenged and removed from the road.</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:		Reviewed by:	

Wildlife Incident Report Form

Date:	2021-10-30	Time:	12:00PM
Individuals involved:	Rowan Woodall		
	Kevin Martee		
Species:	Arctic Hare		
Number, gender, age:	N/A		
Location (description):	Middle of the road at KM 117		
Location (UTM):	14W 0638669 7220904		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>Dispatch contacted the coordinator regarding locations of multiple dead arctic hares along the WTHR. The arctic hares appeared to have been struck by a vehicle traveling along the WTHR.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators. The carcass was incinerated.</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:		Reviewed by:	

Wildlife Incident Report Form

Date:	2021-10-30	Time:	10:30AM
Individuals involved:	Rowan Woodall	Kevin Martee	
Species:	Arctic Hare		
Number, gender, age:	N/A		
Location (description):	Middle of the road KM 146		
Location (UTM):	14W 0620495 7236225		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>Dispatch contacted the coordinator regarding locations of multiple dead arctic hares along the WTHR. The arctic hares appeared to have been struck by a vehicle traveling along the WTHR.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
<p>The animal was removed from the road to avoid attracting any scavengers and/or predators. The carcass was incinerated.</p>			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:		Reviewed by:	

Wildlife Incident Report Form

Date:	2021-11-01	Time:	1:00PM
Individuals involved:	T.Dahm		
Species:	Arctic Hare		
Number, gender, age:	N/A		
Location (description):	WTHR KM 139		
Location (UTM):	14W		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
While driving down the WTHR Thomas Dahm reported to the AMQ Environment Team a dead arctic hare on the bridge at KM 139.			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
A team was sent to retrieve the carcass. Upon arrival to the location no carcass was found.			
What measures are recommended to prevent future occurrences?			
A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.			
Report prepared by:		Reviewed by:	

Wildlife Incident Report Form

Date:	2021-11-10	Time:	11:47 A.M.
Individuals involved:	Lia Bilodeau		
Species:	Arctic Hare		
Number, gender, age:	- N/A		
Location (description):	KM 16 AWAR		
Location (UTM):			
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While driving south bound, I saw a dead arctic hare in the middle of the road at km 16. by being on the middle of the road, the arctic hare became a threat to human and wildlife safety since it could attract carnivores and lead to another roadkill. Given the condition and location of the arctic hare, he was the victim of a roadkill.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
<p>No deterrents were used.</p>			
Describe any communication with GN-DOE:			
<p>Communications with the GN-DOE will be done during the monthly report.</p>			
What immediate measures were taken to reduce risk or harm?			
<p>The Arctic Hare was removed from the road and brought to the incinerator.</p>			
What measures are recommended to prevent future occurrences?			
<p>Be vigilant on the road.</p>			
Report prepared by:	Lia Bilodeau	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-11-16	Time:	9:50AM
Individuals involved:	Fanny Laporte	Kathleen Newberry	
Species:	Arctic Hare		
Number, gender, age:	-N/A		
Location (description):	Km 151 WTHR		
Location (UTM):	14W		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
While driving south bound, environment team saw a dead arctic hare in the middle of the road at km 151. The team did not pick up the carcass since there were only a few pieces that remained.			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
Describe any communication with GN-DOE:			
What immediate measures were taken to reduce risk or harm?			
What measures are recommended to prevent future occurrences?			
A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.			
Report prepared by:	Kathleen Newberry	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-11-22	Time:	11:05
Individuals involved:	Laurence Archambault	Kathleen Newberry	
Species:	Arctic Fox		
Number, gender, age:	1 fox, gender and age unknown		
Location (description):	KM 175		
Location (UTM):	14 W 611106.14 7254486.9		
Digital photo numbers:	IMG_8467		
	IMG_8468		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While driving south bound on the Whale Tail Haul road, Environment team observed a dead arctic fox in the middle of the road at km 175. The employees removed the carcass and disposed of it in the incinerator at Meadowbank. The fox appears to have been hit by a vehicle.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
Mortality report was sent to GN Conservation Officers on Nov 24, 2021			
What immediate measures were taken to reduce risk or harm?			
The carcass was picked up to avoid attracting scavengers near the road.			
What measures are recommended to prevent future occurrences?			
A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.			
Report prepared by:	Kathleen Newberry	Reviewed by:	Tom Thomson

Wildlife Incident Report Form

Date:	2021-11-29	Time: 10:43	
Individuals involved:	I.Couture		
Species:	Arctic Hare		
Number, gender, age:	1		
Location (description):	AWAR – KM 79		
Location (UTM):	14W 6296952 7200913		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
While performing a wildlife survey of the AWAR a technician found a dead Arctic Hare that appears to have been stuck by a vehicle			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
No deterrents were used.			
Describe any communication with GN-DOE:			
Communications with the GN-DOE will be done during the monthly report.			
What immediate measures were taken to reduce risk or harm?			
The Arctic Hare was removed from the road and brought to the incinerator.			
What measures are recommended to prevent future occurrences?			
Discussion with truck drivers regarding the rules of the road (wildlife have the right of way)			
Report prepared by:	R.Woodall	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-11-29	Time: 10:00	
Individuals involved:	TD		
Species:	Arctic Hare		
Number, gender, age:	1		
Location (description):	WTHR – KM 115		
Location (UTM):	14W 640119 4220232		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
While driving along the WTHR a driver reported a dead Arctic Hare that appears to have been stuck by a vehicle.			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
No deterrents were used.			
Describe any communication with GN-DOE:			
Communications with the GN-DOE will be done during the monthly report.			
What immediate measures were taken to reduce risk or harm?			
The Arctic Hare was removed from the road and brought to the incinerator.			
What measures are recommended to prevent future occurrences?			
Discussion with truck drivers regarding the rules of the road (wildlife have the right of way)			
Report prepared by:	R.Woodall	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-12-14	Time:	11:45
Individuals involved:	Rowan Woodall	Kathleen Newberry	
Species:	Arctic Hare		
Number, gender, age:	1 hare, gender and age unknown		
Location (description):	KM 148, before the bridge going northbound		
Location (UTM):	14 W 0620015 7235337		
Digital photo numbers:	IMG_8566		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While driving south bound on the Whale Tail Haul road, Environment team observed a dead arctic hare in the middle of the road at km 148. The team did not pick up the carcass since there were only a few pieces that remained. The hare appears to have been hit by a vehicle.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
N/A			
What immediate measures were taken to reduce risk or harm?			
N/A			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Kathleen Newberry	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-12-18	Time:	9:55
Individuals involved:	Eric Leonard	Kathleen Newberry	
Species:	Arctic Hare		
Number, gender, age:	1 hare, gender and age unknown		
Location (description):	KM 178, before the Y going to pad K (going southbound)		
Location (UTM):	14 W 609074 7255581		
Digital photo numbers:	IMG_8654		
	IMG_8655		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
<p>While driving south bound on the Whale Tail Haul road, Environment team observed a dead arctic hare in the middle of the road at km 178, before the Y leading to pad K (going southbound). The team did not pick up the carcass since there were only a few pieces that remained and they were frozen to the ground. The hare appears to have been hit by a vehicle.</p>			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
N/A			
Describe any communication with GN-DOE:			
N/A			
What immediate measures were taken to reduce risk or harm?			
N/A			
What measures are recommended to prevent future occurrences?			
<p>A general reminder to all operators of vehicles/equipment to be aware of wildlife presence along the road.</p>			
Report prepared by:	Kathleen Newberry	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-12-24	Time:	12:05
Individuals involved:	Felix Quessy		
Species:	Arctic Hare		
Number, gender, age:	N/A		
Location (description):	AWAR KM23 Before Bridge		
Location (UTM):	N/A		
Digital photo numbers:			
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
While performing a wildlife survey on the AWAR, a technician found a dead Arctic Hare that appears to have been struck by a vehicle before the bridge at km 23.			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
No deterrents were used.			
Describe any communication with GN-DOE:			
Communications with the GN-DOE will be done during the monthly report.			
What immediate measures were taken to reduce risk or harm?			
The Arctic Hare was removed from the road and brought to the incinerator.			
What measures are recommended to prevent future occurrences?			
Discussion with truck drivers regarding the rules of the road (wildlife have the right of way)			
Report prepared by:	Felix Quessy	Reviewed by:	

Wildlife Incident Report Form

Date:	2021-12-29	Time:	14:45
Individuals involved:	Felix Quessy		
Species:	Arctic Hare		
Number, gender, age:	N/A		
Location (description):	AWAR, KM59 Middle of the road		
Location (UTM):	KM 59		
Digital photo numbers:	No pictures		
Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?			
While performing a wildlife Survey on the AWAR, a technician found a dead Arctic Hare that appears to have been struck by a vehicle at km 59 in the middle of the road.			
Describe any use of wildlife deterrents: Describe any wildlife mortality:			
No deterrents were used.			
Describe any communication with GN-DOE:			
Communications with the GN-DOE will be done during the monthly report.			
What immediate measures were taken to reduce risk or harm?			
The Arctic Hare was removed from the road and brought to the incinerator.			
What measures are recommended to prevent future occurrences?			
Discussion with truck drivers regarding the rules of the road (wildlife have the right of way)			
Report prepared by:	Felix Quessy	Reviewed by:	

APPENDIX E

Helicopter Flights, 2017 to 2021

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Winter	2017-01-02	2	TEP-010217-100B	12:20:00	12:38:00	0.3	Pax	NA	Camp
2017	Winter	2017-01-02	2	TEP-010217-100B	13:30:00	14:04:00	0.57	MbSIng	NA	Camp
2017	Winter	2017-01-05	5	TEP-010517-100B	11:28:00	12:14:00	0.77	Pax	NA	Camp
2017	Winter	2017-01-05	5	TEP-010517-100B	10:44:00	11:05:00	0.35	Pax	NA	Camp
2017	Winter	2017-01-05	5	TEP-010517-100B	12:15:00	13:00:00	0.75	Pax	NA	Camp
2017	Winter	2017-01-05	5	TEP-010517-100B	13:35:00	14:20:00	0.75	MbSIng	NA	Camp
2017	Winter	2017-01-06	6	TEP-010617-100B	13:29:00	14:24:00	0.92	MbSIng	Gasoline	Camp
2017	Winter	2017-01-06	6	TEP-010617-100B	12:12:00	13:20:00	1.13	MbSIng	Gasoline	Camp
2017	Winter	2017-01-06	6	TEP-010617-100B	10:26:00	10:43:00	0.28	MbSIng	Gasoline	Camp
2017	Winter	2017-01-06	6	TEP-010617-100B	10:52:00	12:04:00	1.2	MbSIng	Gasoline	Camp
2017	Winter	2017-01-07	7	TEP-010717-100B	13:00:00	13:48:00	0.8	MbSIng	Gasoline	Camp
2017	Winter	2017-01-07	7	TEP-010717-100B	12:28:00	12:55:00	0.45	PaxLoc	Road Survey Serge Tremblay	Road Cons
2017	Winter	2017-01-07	7	TEP-010717-100B	11:10:00	11:28:00	0.3	PaxLoc	Road Survey Serge Tremblay	Road Cons
2017	Winter	2017-01-07	7	TEP-010717-100B	11:42:00	12:10:00	0.47	PaxLoc	Road Survey Serge Tremblay	Road Cons
2017	Winter	2017-01-09	9	TEP-010917-100B	11:44:00	11:47:00	0.05	Pax	NA	Camp
2017	Winter	2017-01-09	9	TEP-010917-100B	12:10:00	12:56:00	0.77	PaxLoc	NA	Camp
2017	Winter	2017-01-09	9	TEP-010917-100B	10:44:00	11:07:00	0.38	MbSIng	NA	Camp
2017	Winter	2017-01-10	10	TEP-011017-100B	15:03:00	15:28:00	0.42	Pax	NA	Camp
2017	Winter	2017-01-10	10	TEP-011017-100B	11:30:00	11:49:00	0.32	Pax	NA	Camp
2017	Winter	2017-01-10	10	TEP-011017-100B	13:38:00	13:41:00	0.05	Pax	NA	Camp
2017	Winter	2017-01-10	10	TEP-011017-100B	15:03:00	15:28:00	0.42	Pax	NA	Camp
2017	Winter	2017-01-11	11	TEP-011117-100B	11:05:00	11:55:00	0.83	WinRoad	NA	Camp
2017	Winter	2017-01-11	11	TEP-011117-100B	10:25:00	10:50:00	0.42	MbSIng	NA	Camp
2017	Winter	2017-01-11	11	TEP-011117-100B	11:05:00	11:55:00	0.83	MbSIng	NA	Camp
2017	Winter	2017-01-12	12	TEP-011217-100BS	12:30:00	13:09:00	0.65	Pax	NA	Camp
2017	Winter	2017-01-12	12	TEP-011217-100BS	10:54:00	11:15:00	0.35	Pax	NA	Camp
2017	Winter	2017-01-12	12	TEP-011217-100BS	12:30:00	13:09:00	0.65	Groc	NA	Camp
2017	Winter	2017-01-12	12	TEP-011217-100BS	12:30:00	13:09:00	0.65	MbSIng	NA	Camp
2017	Winter	2017-01-13	13	TEP-011317-100PF	13:48:00	14:18:00	0.5	Pax	NA	Camp
2017	Winter	2017-01-13	13	TEP-011317-100PF	14:28:00	14:53:00	0.42	Pax	NA	Camp
2017	Winter	2017-01-13	13	TEP-011317-100PF	9:45:00	10:14:00	0.48	Pax	NA	Camp
2017	Winter	2017-01-13	13	TEP-011317-100PF	10:36:00	11:05:00	0.48	Pax	NA	Camp
2017	Winter	2017-01-14	14	TEP-011417-100PF	10:29:00	10:57:00	0.47	Groc	NA	Camp
2017	Winter	2017-01-14	14	TEP-011417-100PF	13:30:00	13:54:00	0.4	MbSIng	NA	Camp
2017	Winter	2017-01-14	14	TEP-011417-100PF	14:07:00	14:35:00	0.47	Pax	NA	Camp
2017	Winter	2017-01-14	14	TEP-011417-100PF	9:52:00	10:20:00	0.47	Pax	NA	Camp
2017	Winter	2017-01-17	17	TEP-011717-002PF	13:35:00	13:57:00	0.37	Pax	NA	Camp
2017	Winter	2017-01-17	17	TEP-011717-002PF	14:04:00	14:08:00	0.07	Pax	NA	Camp
2017	Winter	2017-01-17	17	TEP-011717-002PF	12:10:00	12:44:00	0.57	MbSIng	NA	Camp
2017	Winter	2017-01-17	17	TEP-011717-002PF	10:40:00	10:44:00	0.07	Pax	NA	Camp
2017	Winter	2017-01-17	17	TEP-011717-002PF	9:44:00	10:09:00	0.42	Pax	NA	Camp
2017	Winter	2017-01-17	17	TEP-011717-002PF	14:30:00	15:20:00	0.83	Pax	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	11:56:00	13:34:00	1.63	Fuel	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	14:24:00	14:51:00	0.45	MbSIng	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	13:42:00	13:46:00	0.07	Pax	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	11:56:00	13:34:00	1.63	MbSIng	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	10:39:00	11:06:00	0.45	MbSIng	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	10:39:00	11:06:00	0.45	Pax	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	9:30:00	10:15:00	0.75	MbSIng	NA	Camp
2017	Winter	2017-01-18	18	TEP-011817-002PF	14:24:00	14:51:00	0.45	Pax	NA	Camp
2017	Winter	2017-01-19	19	TEP-011917-002PF	13:54:00	14:15:00	0.35	Groc	NA	Camp
2017	Winter	2017-01-19	19	TEP-011917-002PF	12:39:00	13:28:00	0.82	Pax	NA	Camp
2017	Winter	2017-01-19	19	TEP-011917-002PF	12:18:00	12:22:00	0.07	Pax	NA	Camp
2017	Winter	2017-01-19	19	TEP-011917-002PF	11:09:00	11:51:00	0.7	MbSIng	NA	Camp
2017	Winter	2017-01-19	19	TEP-011917-002PF	10:37:00	11:00:00	0.38	Groc	NA	Camp
2017	Winter	2017-01-19	19	TEP-011917-002PF	9:48:00	10:17:00	0.48	Pax	NA	Camp
2017	Winter	2017-01-23	23	TEP-012317-002PF	9:53:00	10:30:00	0.62	MbSIng	NA	Camp
2017	Winter	2017-01-23	23	TEP-012317-002PF	9:11:00	9:39:00	0.47	Pax	NA	Camp
2017	Winter	2017-01-23	23	TEP-012317-002PF	13:21:00	13:46:00	0.42	MbSIng	NA	Camp
2017	Winter	2017-01-23	23	TEP-012317-002PF	13:58:00	14:18:00	0.33	Groc	NA	Camp
2017	Winter	2017-01-23	23	TEP-012317-002PF	13:58:00	14:18:00	0.33	Pax	NA	Camp
2017	Winter	2017-01-24	24	TEP-012417-002PF	10:28:00	11:10:00	0.7	Pax	NA	Camp
2017	Winter	2017-01-24	24	TEP-012417-002PF	12:16:00	13:15:00	0.98	Pax	NA	Camp
2017	Winter	2017-01-24	24	TEP-012417-002PF	13:29:00	13:57:00	0.47	Pax	NA	Camp
2017	Winter	2017-01-25	25	TEP-012517-002PF	14:51:00	15:08:00	0.28	WinRoad	NA	Camp
2017	Winter	2017-01-25	25	TEP-012517-002PF	9:07:00	9:33:00	0.43	MbSIng	NA	Camp
2017	Winter	2017-01-25	25	TEP-012517-002PF	9:58:00	10:52:00	0.9	Pax	NA	Camp
2017	Winter	2017-01-25	25	TEP-012517-002PF	11:16:00	11:44:00	0.47	Pax	NA	Camp
2017	Winter	2017-01-25	25	TEP-012517-002PF	13:00:00	13:27:00	0.45	Pax	NA	Camp
2017	Winter	2017-01-25	25	TEP-012517-002PF	13:27:00	14:12:00	0.75	MbSIng	NA	Camp
2017	Winter	2017-01-26	26	TEP-01261-PF	9:52:00	10:44:00	0.87	Groc	NA	Camp
2017	Winter	2017-01-26	26	TEP-01261-PF	9:52:00	10:44:00	0.87	Pax	NA	Camp
2017	Winter	2017-01-26	26	TEP-01261-PF	11:29:00	11:34:00	0.08	Pax	NA	Camp
2017	Winter	2017-01-26	27	TEP-012617-002BS	13:09:00	13:31:00	0.37	Pax	NA	Camp
2017	Winter	2017-01-26	26	TEP-01261-PF	9:05:00	9:27:00	0.37	Pax	NA	Camp
2017	Winter	2017-01-27	28	TEP-012717-002BS	10:31:00	10:40:00	0.15	Pax	turn around due to WX	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	9:48:00	10:34:00	0.77	MbSIng	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	12:35:00	13:03:00	0.47	MbSIng	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	13:38:00	14:58:00	1.33	Pax	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	13:38:00	14:58:00	1.33	Fuel	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	15:14:00	15:55:00	0.68	Pax	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	10:53:00	11:43:00	0.83	Pax	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	10:53:00	11:43:00	0.83	MbSIng	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	9:48:00	10:34:00	0.77	Pax	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	9:09:00	9:29:00	0.33	Pax	NA	Camp
2017	Winter	2017-01-29	30	TEP-012917-002BS	15:14:00	15:55:00	0.68	Fuel	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	15:43:00	15:59:00	0.27	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	9:18:00	9:38:00	0.33	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	15:59:00	16:34:00	0.58	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	15:09:00	15:43:00	0.57	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	14:33:00	14:53:00	0.33	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	13:59:00	14:31:00	0.53	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	13:06:00	13:10:00	0.07	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	10:16:00	10:38:00	0.37	Pax	NA	Camp
2017	Winter	2017-02-02	34	TEP-455507	9:48:00	10:16:00	0.47	MbSIng	NA	Camp
2017	Winter	2017-02-04	36	TEP-230192	12:26:00	13:19:00	0.88	Pax	NA	Camp
2017	Winter	2017-02-04	36	TEP-230192	15:07:00	15:34:00	0.45	Groc	NA	Camp
2017	Winter	2017-02-04	36	TEP-230192	14:19:00	14:40:00	0.35	Groc	NA	Camp
2017	Winter	2017-02-04	36	TEP-230192	13:41:00	14:47:00	1.1	Groc	NA	Camp
2017	Winter	2017-02-04	36	TEP-230192	10:21:00	10:48:00	0.45	Pax	NA	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Winter	2017-02-04	36	TEP-230192	11:08:00	12:01:00	0.88	Pax	NA	Camp
2017	Winter	2017-02-04	36	TEP-230192	13:41:00	14:47:00	1.1	Pax	1PX WITH GR	Camp
2017	Winter	2017-02-05	37	TEP-231092	13:48:00	14:00:00	0.2	MbSIng	NA	Camp
2017	Winter	2017-02-06	38	TEP-231093	10:25:00	10:44:00	0.32	MbSIng	NA	Camp
2017	Winter	2017-02-06	38	TEP-231093	16:33:00	17:13:00	0.67	MbSIng	NA	Camp
2017	Winter	2017-02-06	38	TEP-231093	11:01:00	11:45:00	0.73	MbSIng	NA	Camp
2017	Winter	2017-02-06	38	TEP-231093	15:58:00	16:20:00	0.37	Pax	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	11:53:00	11:56:00	0.05	Pax	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	9:42:00	10:35:00	0.88	Pax	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	12:49:00	13:36:00	0.78	Pax	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	9:14:00	9:37:00	0.38	Pax	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	13:47:00	14:49:00	1.03	Pax	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	13:47:00	14:49:00	1.03	MegBag	NA	Camp
2017	Winter	2017-02-07	39	TEP-231094	15:05:00	15:33:00	0.47	Pax	NA	Camp
2017	Winter	2017-02-08	40	TEP-231095	12:03:00	12:24:00	0.35	MbSIng	NA	Camp
2017	Winter	2017-02-08	40	TEP-231095	13:02:00	13:29:00	0.45	Pax	NA	Camp
2017	Winter	2017-02-08	40	TEP-231095	13:42:00	14:10:00	0.47	MegBag	NA	Camp
2017	Winter	2017-02-08	40	TEP-231095	14:35:00	14:59:00	0.4	Pax	NA	Camp
2017	Winter	2017-02-09	41	TEP-310631	16:08:00	16:35:00	0.45	Groc	NA	Camp
2017	Winter	2017-02-09	41	TEP-310631	13:25:00	13:57:00	0.53	Pax	NA	Camp
2017	Winter	2017-02-09	41	TEP-310631	14:04:00	14:39:00	0.58	Pax	NA	Camp
2017	Winter	2017-02-09	41	TEP-310631	15:28:00	15:58:00	0.5	Pax	NA	Camp
2017	Winter	2017-02-09	42	TEP-231096	10:22:00	10:45:00	0.38	Pax	NA	Camp
2017	Winter	2017-02-09	42	TEP-231096	12:02:00	12:05:00	0.05	Pax	NA	Camp
2017	Winter	2017-02-09	41	TEP-310631	14:55:00	15:25:00	0.5	Pax	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	10:55:00	11:23:00	0.47	MegBag	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	11:46:00	12:24:00	0.63	Pax	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	12:22:00	12:46:00	0.4	MbSIng	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	13:13:00	13:43:00	0.5	Pax	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	13:43:00	14:04:00	0.35	Groc	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	14:25:00	14:55:00	0.5	Groc	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	15:06:00	15:34:00	0.47	Pax	NA	Camp
2017	Winter	2017-02-10	43	TEP-310632	15:47:00	16:16:00	0.48	Groc	NA	Camp
2017	Winter	2017-02-11	44	TEP-310633	14:13:00	14:40:00	0.45	Groc	NA	Camp
2017	Winter	2017-02-11	44	TEP-310633	13:28:00	13:57:00	0.48	Pax	NA	Camp
2017	Winter	2017-02-12	45	TEP-310634	15:27:00	16:26:00	0.98	Pax	NA	Camp
2017	Winter	2017-02-12	45	TEP-310634	15:27:00	16:26:00	0.98	MbSIng	NA	Camp
2017	Winter	2017-02-13	46	TEP-310635	14:34:00	15:01:00	0.45	MbSIng	NA	Camp
2017	Winter	2017-02-13	46	TEP-310635	13:59:00	14:26:00	0.45	Pax	NA	Camp
2017	Winter	2017-02-13	46	TEP-310635	13:38:00	13:49:00	0.18	PaxLoc	Camp/Runway Pictures	Camp
2017	Winter	2017-02-13	46	TEP-310635	12:58:00	13:38:00	0.67	Pax	NA	Camp
2017	Winter	2017-02-13	46	TEP-310635	11:27:00	11:33:00	0.1	Pax	NA	Camp
2017	Winter	2017-02-13	46	TEP-310635	10:33:00	11:02:00	0.48	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	12:08:00	12:12:00	0.07	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	16:37:00	17:02:00	0.42	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	8:09:00	8:40:00	0.52	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	9:03:00	9:31:00	0.47	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	9:31:00	10:00:00	0.48	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	10:22:00	10:45:00	0.38	MbSIng	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	10:45:00	11:21:00	0.6	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	12:54:00	13:00:00	0.1	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	14:02:00	14:28:00	0.43	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	14:48:00	15:13:00	0.42	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	15:13:00	15:42:00	0.48	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	15:50:00	16:12:00	0.37	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	13:35:00	14:02:00	0.45	Pax	NA	Camp
2017	Winter	2017-02-14	47	TEP-310636	16:12:00	16:37:00	0.42	Pax	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	14:31:00	14:53:00	0.37	MbSIng	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	9:58:00	10:24:00	0.43	Pax	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	10:24:00	11:14:00	0.83	MegBag	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	11:27:00	11:52:00	0.42	Groc	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	11:52:00	12:40:00	0.8	MegBag	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	12:57:00	13:22:00	0.42	Groc	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	13:51:00	14:23:00	0.53	Pax	NA	Camp
2017	Winter	2017-02-18	51	TEP-310640	8:59:00	9:36:00	0.62	Pax	NA	Camp
2017	Winter	2017-02-19	52	TEP-310641	16:11:00	16:42:00	0.52	Pax	NA	Camp
2017	Winter	2017-02-19	52	TEP-310641	15:30:00	16:05:00	0.58	MegBag	NA	Camp
2017	Winter	2017-02-19	52	TEP-310641	10:41:00	11:12:00	0.52	MbSIng	NA	Camp
2017	Winter	2017-02-19	52	TEP-310641	9:40:00	10:12:00	0.53	MbSIng	NA	Camp
2017	Winter	2017-02-19	52	TEP-310641	9:40:00	10:12:00	0.53	Pax	NA	Camp
2017	Winter	2017-02-20	53	TEP-310642	9:34:00	10:09:00	0.58	Pax	NA	Camp
2017	Winter	2017-02-20	57	GVNX20172220	15:15:00	15:30:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-20	57	GVNX20172220	13:10:00	13:25:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-20	53	TEP-310642	13:12:00	13:39:00	0.45	Pax	NA	Camp
2017	Winter	2017-02-20	57	GVNX20172220	10:40:00	10:55:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-20	57	GVNX20172220	10:10:00	10:25:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-20	57	GVNX20172220	13:40:00	13:55:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-20	57	GVNX20172220	14:30:00	15:00:00	0.5	MbSIng	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	14:35:00	14:50:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	15:30:00	15:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	9:25:00	9:40:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	10:55:00	11:10:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	12:40:00	12:55:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	10:15:00	10:30:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	8:45:00	9:00:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-21	56	GVNX20170221	13:20:00	13:35:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	14:30:00	14:45:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	15:15:00	15:30:00	0.25	Groc	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	14:15:00	14:30:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	15:40:00	15:55:00	0.25	Groc	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	13:30:00	13:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	9:20:00	9:35:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	9:55:00	10:10:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-22	58	GVNX20170222	16:30:00	16:45:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-02-23	60	TEP-231110	13:10:00	13:35:00	0.42	Pax	NA	Camp
2017	Winter	2017-02-23	59	TEP-310645	7:28:00	7:53:00	0.42	Pax	NA	Camp
2017	Winter	2017-02-23	59	TEP-310645	10:05:00	10:09:00	0.07	Pax	NA	Camp
2017	Winter	2017-02-23	61	GVNX20170223	9:30:00	9:50:00	0.33	MbSIng	NA	Camp
2017	Winter	2017-02-23	61	GVNX20170223	10:00:00	10:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-23	61	GVNX20170223	12:20:00	12:40:00	0.33	Pax	NA	Camp
2017	Winter	2017-02-23	61	GVNX20170223	13:45:00	14:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-23	61	GVNX20170223	14:10:00	14:30:00	0.33	Pax	NA	Camp
2017	Winter	2017-02-23	59	TEP-310645	8:12:00	9:42:00	1.5	VIP	NA	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Winter	2017-02-23	61	GVNX20170223	14:50:00	15:05:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-02-24	62	GVNX20170224	14:45:00	15:00:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-24	62	GVNX20170224	14:45:00	15:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-24	62	GVNX20170224	11:40:00	11:55:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-24	62	GVNX20170224	11:40:00	11:55:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-25	66	GVNX20170225	9:10:00	9:25:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-25	64	TEP-231112	9:07:00	9:23:00	0.27	PaxLoc	PHOTOS AIRSTRIP	Camp
2017	Winter	2017-02-25	66	GVNX20170225	10:40:00	10:55:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-02-26	68	GVNX20170226	9:00:00	9:20:00	0.33	MbSIng	NA	Camp
2017	Winter	2017-02-26	68	GVNX20170226	9:45:00	10:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-26	68	GVNX20170226	9:45:00	10:00:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-02-27	71	GVNX20170227	15:00:00	15:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	13:45:00	14:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	12:50:00	13:05:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	9:45:00	10:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	9:00:00	9:15:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	9:00:00	9:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	8:30:00	8:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	8:00:00	8:15:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-27	71	GVNX20170227	15:35:00	15:50:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-02-28	73	GVNX20170228	14:30:00	14:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	13:35:00	13:50:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	13:10:00	13:25:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	9:30:00	9:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	16:10:00	16:25:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	9:00:00	9:15:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	14:05:00	14:20:00	0.25	Pax	NA	Camp
2017	Winter	2017-02-28	73	GVNX20170228	16:45:00	17:00:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-01	75	GVNX20170301	13:45:00	14:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	14:20:00	14:35:00	0.25	Groc	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	13:15:00	13:30:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	9:30:00	9:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	9:30:00	9:45:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	10:00:00	10:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	13:15:00	13:30:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-01	75	GVNX20170301	14:45:00	15:00:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-02	78	GVNX20170302	14:25:00	14:40:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	14:55:00	15:10:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	14:00:00	14:16:00	0.27	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	13:35:00	13:50:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	13:10:00	13:27:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	9:50:00	10:05:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	9:20:00	9:37:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	9:20:00	9:37:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	9:00:00	9:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	8:00:00	8:17:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-02	78	GVNX20170302	15:20:00	15:37:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-02	77	TEP-231117	7:06:00	7:27:00	0.35	Pax	0613000004.2030.031 (R.Vanagen)	Enviro
2017	Winter	2017-03-02	77	TEP-231117	9:48:00	10:14:00	0.43	Pax	environment Canada	Enviro
2017	Winter	2017-03-02	77	TEP-231117	10:34:00	10:56:00	0.37	Pax	NA	Enviro
2017	Winter	2017-03-02	77	TEP-231117	8:26:00	9:15:00	0.82	Pax	environment Canada	Enviro
2017	Winter	2017-03-03	79	GVNX20170303	8:52:00	9:07:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-03	79	GVNX20170303	16:25:00	16:40:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-03	79	GVNX20170303	15:30:00	15:45:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-03	79	GVNX20170303	14:20:00	14:37:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-03	79	GVNX20170303	9:20:00	9:35:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-03	79	GVNX20170303	9:20:00	9:35:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-03	79	GVNX20170303	15:00:00	15:15:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-06	86	GVNX20170306	16:00:00	16:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-06	86	GVNX20170306	16:25:00	16:40:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-06	85	TEP-231121	15:37:00	15:52:00	0.25	WinRoad	help PEL	Camp
2017	Winter	2017-03-06	86	GVNX20170306	12:45:00	13:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-06	86	GVNX20170306	12:45:00	13:00:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-06	85	TEP-231121	15:07:00	15:27:00	0.33	WinRoad	help PEL	Camp
2017	Winter	2017-03-06	86	GVNX20170306	13:12:00	13:25:00	0.22	Pax	NA	Camp
2017	Winter	2017-03-06	86	GVNX20170306	16:45:00	17:00:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-06	86	GVNX20170306	8:58:00	9:15:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-06	86	GVNX20170306	9:25:00	9:41:00	0.27	Pax	NA	Camp
2017	Winter	2017-03-06	86	GVNX20170306	15:35:00	15:50:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-07	89	GVNX20170307	9:45:00	10:02:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-07	89	GVNX20170307	10:15:00	10:31:00	0.27	Pax	NA	Camp
2017	Winter	2017-03-07	89	GVNX20170307	13:28:00	13:46:00	0.3	Pax	NA	Camp
2017	Winter	2017-03-07	89	GVNX20170307	13:55:00	14:10:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-07	89	GVNX20170307	14:30:00	14:47:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-07	89	GVNX20170307	15:10:00	15:25:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-07	89	GVNX20170307	15:10:00	15:25:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-09	93	TEP-231124	9:16:00	9:37:00	0.35	Pax	NA	Camp
2017	Winter	2017-03-09	91	GNVX20170309	9:33:00	9:54:00	0.35	PaxLoc	NA	Camp
2017	Winter	2017-03-09	91	GNVX20170309	10:10:00	10:23:00	0.22	Pax	NA	Camp
2017	Winter	2017-03-10	94	TEP-310660	8:15:00	8:59:00	0.73	Pax	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	16:45:00	17:00:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	16:10:00	16:25:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	13:45:00	14:00:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	10:52:00	11:06:00	0.23	Pax	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	10:52:00	11:06:00	0.23	MbSIng	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	8:50:00	9:07:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	8:50:00	9:07:00	0.28	Groc	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	13:20:00	13:35:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-10	92	GVNX20170310	9:20:00	9:36:00	0.27	MegBag	NA	Drillg
2017	Winter	2017-03-10	92	GVNX20170310	13:20:00	13:35:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-10	92	GVNX20170310	14:15:00	14:30:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-11	95	GVNX20170311	8:08:00	8:26:00	0.3	Pax	NA	Camp
2017	Winter	2017-03-11	95	GVNX20170311	16:12:00	16:28:00	0.27	Pax	NA	Camp
2017	Winter	2017-03-11	95	GVNX20170311	16:35:00	16:50:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-11	95	GVNX20170311	8:45:00	9:00:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-11	103	MHE-616792	10:00:00	12:00:00	2	Ferry	611201-AMARUQ ROAD	Road Cons
2017	Winter	2017-03-11	103	MHE-616792	7:00:00	9:30:00	2.5	Ferry	611201-AMARUQ ROAD	Road Cons
2017	Winter	2017-03-11	103	MHE-616792	15:00:00	16:55:00	1.92	Ferry	611201-AMARUQ ROAD	Road Cons

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Winter	2017-03-11	103	MHE-616792	12:30:00	14:10:00	1.67	Ferry	611201-AMARUQ ROAD	Road Cons
2017	Winter	2017-03-12	98	GVNX20170312	8:10:00	8:27:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-12	98	GVNX20170312	16:30:00	16:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-12	98	GVNX20170312	8:40:00	8:56:00	0.27	Pax	NA	Camp
2017	Winter	2017-03-12	98	GVNX20170312	9:10:00	9:28:00	0.3	Pax	NA	Camp
2017	Winter	2017-03-12	98	GVNX20170312	8:10:00	8:27:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-12	98	GVNX20170312	16:55:00	17:10:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-12	98	GVNX20170312	11:30:00	11:45:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-12	98	GVNX20170312	16:30:00	16:45:00	0.25	MbSIng	NA	Drillg
2017	Winter	2017-03-12	104	MHE-616794	14:35:00	15:05:00	0.5	PaxLoc	611201-AMARUQ ROAD	Road Cons
2017	Winter	2017-03-13	102	GVNX20170313	14:40:00	14:57:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	15:10:00	15:25:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	16:20:00	16:36:00	0.27	Groc	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	13:04:00	13:19:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	12:40:00	12:55:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	9:33:00	9:48:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	9:00:00	9:17:00	0.28	MbSIng	NA	Camp
2017	Winter	2017-03-13	101	TEP-310663	12:10:00	12:49:00	0.65	Pax	NA	Camp
2017	Winter	2017-03-13	102	GVNX20170313	15:40:00	15:57:00	0.28	Groc	NA	Camp
2017	Winter	2017-03-13	101	TEP-310663	10:46:00	11:09:00	0.38	Pax	Denis and Serge	Camp
2017	Winter	2017-03-14	108	GVNX20170314	9:15:00	9:37:00	0.37	Pax	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	8:46:00	9:05:00	0.32	MbSIng	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	10:30:00	10:45:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	13:25:00	13:40:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	13:55:00	14:12:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	16:30:00	16:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	13:00:00	13:17:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	11:03:00	11:16:00	0.22	MbSIng	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	15:00:00	15:15:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-14	108	GVNX20170314	14:20:00	14:35:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-15	107	GVNX20170315	16:50:00	17:05:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	9:00:00	9:17:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	9:45:00	10:02:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	10:20:00	10:35:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	13:23:00	13:40:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	13:50:00	14:05:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	15:47:00	16:03:00	0.27	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	16:10:00	16:25:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	16:30:00	16:47:00	0.28	Pax	NA	Camp
2017	Winter	2017-03-15	107	GVNX20170315	8:20:00	8:38:00	0.3	Groc	NA	Camp
2017	Winter	2017-03-18	109	TEP-310668	7:36:00	8:00:00	0.4	Pax	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	12:00:00	12:15:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	9:30:00	9:45:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	8:55:00	9:10:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	8:25:00	8:40:00	0.25	Pax	NA	Camp
2017	Winter	2017-03-18	109	TEP-310668	8:08:00	8:37:00	0.48	Pax	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	15:30:00	15:45:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	16:10:00	16:25:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	11:15:00	11:30:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-18	110	GVNX20170318	10:10:00	10:25:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-19	128	TEP-310669	9:34:00	10:03:00	0.48	Pax	NA	Camp
2017	Winter	2017-03-19	128	TEP-310669	13:03:00	13:32:00	0.48	Pax	NA	Camp
2017	Winter	2017-03-19	128	TEP-310669	13:38:00	14:05:00	0.45	Pax	NA	Camp
2017	Winter	2017-03-19	128	TEP-310669	8:58:00	9:24:00	0.43	Pax	NA	Camp
2017	Winter	2017-03-19	127	QMR-160095	14:13:00	14:20:00	0.12	Stacking	NA	Exploration
2017	Winter	2017-03-19	127	QMR-160095	13:43:00	14:05:00	0.37	Stacking	NA	Exploration
2017	Winter	2017-03-19	127	QMR-160095	14:51:00	16:14:00	1.38	Stacking	NA	Exploration
2017	Winter	2017-03-21	146	GVNX20170321	11:00:00	11:36:00	0.6	PaxLoc	NA	Camp
2017	Winter	2017-03-21	146	GVNX20170321	7:30:00	10:30:00	3	Pax	NA	Camp
2017	Winter	2017-03-21	146	GVNX20170321	7:30:00	10:30:00	3	MbSIng	NA	Camp
2017	Winter	2017-03-21	136	QMR-160097	10:21:00	12:07:00	1.77	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	15:54:00	16:55:00	1.02	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	15:04:00	15:39:00	0.58	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	13:55:00	14:35:00	0.67	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	13:00:00	13:06:00	0.1	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	17:10:00	17:34:00	0.4	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	8:44:00	9:06:00	0.37	Stacking	NA	Exploration
2017	Winter	2017-03-21	136	QMR-160097	13:28:00	13:33:00	0.08	Stacking	NA	Exploration
2017	Winter	2017-03-21	137	MHE-616803	17:20:00	17:36:00	0.27	CrewChg	NA	Road Cons
2017	Winter	2017-03-21	137	MHE-616803	19:17:00	19:55:00	0.63	CrewChg	NA	Road Cons
2017	Winter	2017-03-21	137	MHE-616803	16:36:00	16:54:00	0.3	PaxLoc	NA	Road Cons
2017	Winter	2017-03-22	147	GVNX20170322	8:50:00	10:40:00	1.83	PaxLoc	NA	Camp
2017	Winter	2017-03-22	147	GVNX20170322	11:00:00	11:36:00	0.6	MegBag	NA	Drillg
2017	Winter	2017-03-22	138	QMR-160098	7:04:00	7:26:00	0.37	Stacking	NA	Exploration
2017	Winter	2017-03-22	138	QMR-160098	17:30:00	17:35:00	0.08	Stacking	NA	Exploration
2017	Winter	2017-03-22	138	QMR-160098	18:01:00	18:24:00	0.38	Stacking	NA	Exploration
2017	Winter	2017-03-22	138	QMR-160098	14:55:00	17:18:00	2.38	Stacking	NA	Exploration
2017	Winter	2017-03-22	138	QMR-160098	14:24:00	14:30:00	0.1	Stacking	NA	Exploration
2017	Winter	2017-03-22	138	QMR-160098	8:50:00	10:45:00	1.92	Stacking	NA	Exploration
2017	Winter	2017-03-22	138	QMR-160098	7:37:00	7:42:00	0.08	Stacking	NA	Exploration
2017	Winter	2017-03-22	148	MHE-616804	18:18:00	18:37:00	0.32	PaxLoc	NA	Road Cons
2017	Winter	2017-03-22	148	MHE-616804	6:40:00	7:50:00	1.17	PaxLoc	NA	Road Cons
2017	Winter	2017-03-22	148	MHE-616804	19:35:00	20:10:00	0.58	PaxLoc	NA	Road Cons
2017	Winter	2017-03-22	148	MHE-616804	18:58:00	19:14:00	0.27	PaxLoc	NA	Road Cons
2017	Winter	2017-03-23	140	GVNX20170323	8:15:00	11:15:00	3	Pax	NA	Camp
2017	Winter	2017-03-23	140	GVNX20170323	8:15:00	11:15:00	3	MbSIng	NA	Camp
2017	Winter	2017-03-23	140	GVNX20170323	8:15:00	11:15:00	3	MegBag	NA	Drillg
2017	Winter	2017-03-23	139	QMR-160099	17:45:00	18:14:00	0.48	Stacking	NA	Exploration
2017	Winter	2017-03-23	139	QMR-160099	8:05:00	8:27:00	0.37	Stacking	NA	Exploration
2017	Winter	2017-03-23	144	MHE-616805	6:36:00	7:50:00	1.23	PaxLoc	NA	Road Cons
2017	Winter	2017-03-23	144	MHE-616805	18:36:00	19:45:00	1.15	PaxLoc	NA	Road Cons
2017	Winter	2017-03-24	141	GVNX20170324	8:15:00	8:30:00	0.25	MbSIng	NA	Camp
2017	Winter	2017-03-24	141	GVNX20170324	10:05:00	10:20:00	0.25	MegBag	NA	Drillg
2017	Winter	2017-03-24	142	QMR-160100	16:30:00	17:42:00	1.2	Stacking	NA	Exploration
2017	Winter	2017-03-24	142	QMR-160100	7:30:00	7:52:00	0.37	Stacking	NA	Exploration
2017	Winter	2017-03-24	142	QMR-160100	9:50:00	12:11:00	2.35	Stacking	NA	Exploration
2017	Winter	2017-03-24	142	QMR-160100	14:10:00	15:35:00	1.42	Stacking	NA	Exploration
2017	Winter	2017-03-24	145	MHE-616806	18:35:00	19:40:00	1.08	PaxLoc	NA	Road Cons
2017	Winter	2017-03-24	145	MHE-616806	6:37:00	7:45:00	1.13	PaxLoc	NA	Road Cons
2017	Winter	2017-03-25	151	QMR-160101	15:41:00	16:07:00	0.43	Stacking	NA	Exploration
2017	Winter	2017-03-25	151	QMR-160101	7:27:00	7:53:00	0.43	Stacking	NA	Exploration
2017	Winter	2017-03-25	152	MHE-616807	6:35:00	6:45:00	0.17	PaxLoc	NA	Road Cons

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Winter	2017-03-26	156	GVNX20170326	15:00:00	15:36:00	0.6	MbSIng	NA	Camp
2017	Winter	2017-03-26	156	GVNX20170326	15:00:00	15:36:00	0.6	MegBag	NA	Drillg
2017	Winter	2017-03-26	157	QMR-160102	16:31:00	16:51:00	0.33	Stacking	NA	Exploration
2017	Winter	2017-03-26	157	QMR-160102	16:17:00	16:22:00	0.08	Stacking	NA	Exploration
2017	Winter	2017-03-26	157	QMR-160102	13:50:00	16:01:00	2.18	Stacking	NA	Exploration
2017	Winter	2017-03-26	157	QMR-160102	7:28:00	7:50:00	0.37	Stacking	NA	Exploration
2017	Winter	2017-03-26	157	QMR-160102	9:36:00	11:35:00	1.98	Stacking	NA	Exploration
2017	Winter	2017-03-26	163	MHE-616808	13:27:00	14:36:00	1.15	PaxLoc	NA	Road Cons
2017	Winter	2017-03-26	163	MHE-616808	18:40:00	19:44:00	1.07	PaxLoc	NA	Road Cons
2017	Winter	2017-03-26	163	MHE-616808	15:06:00	15:40:00	0.57	PaxLoc	NA	Road Cons
2017	Winter	2017-03-26	163	MHE-616808	6:36:00	7:41:00	1.08	PaxLoc	NA	Road Cons
2017	Winter	2017-03-27	168	GVNX20170327	15:45:00	16:20:00	0.58	Pax	NA	Camp
2017	Winter	2017-03-27	158	QMR-160103	16:31:00	17:29:00	0.97	Stacking	NA	Exploration
2017	Winter	2017-03-27	158	QMR-160103	14:05:00	16:15:00	2.17	Stacking	NA	Exploration
2017	Winter	2017-03-27	158	QMR-160103	13:29:00	13:43:00	0.23	Stacking	NA	Exploration
2017	Winter	2017-03-27	158	QMR-160103	8:28:00	8:38:00	0.17	Stacking	NA	Exploration
2017	Winter	2017-03-27	158	QMR-160103	7:57:00	8:22:00	0.42	Stacking	NA	Exploration
2017	Winter	2017-03-27	164	MHE-616809	6:36:00	7:41:00	1.08	PaxLoc	NA	Road Cons
2017	Winter	2017-03-27	164	MHE-616809	18:38:00	19:38:00	1	PaxLoc	NA	Road Cons
2017	Winter	2017-03-28	169	GVNX20170328	7:45:00	8:55:00	1.17	MbSIng	NA	Camp
2017	Winter	2017-03-28	169	GVNX20170328	7:45:00	8:55:00	1.17	Pax	NA	Camp
2017	Winter	2017-03-28	172	MHE-616810	6:32:00	7:34:00	1.03	PaxLoc	NA	Road Cons
2017	Winter	2017-03-29	170	GVNX20170329	10:20:00	11:14:00	0.9	MbSIng	NA	Camp
2017	Winter	2017-03-29	170	GVNX20170329	8:20:00	10:26:00	2.1	Pax	NA	Camp
2017	Winter	2017-03-29	170	GVNX20170329	8:20:00	10:26:00	2.1	MegBag	NA	Drillg
2017	Winter	2017-03-29	160	QMR-160105	11:55:00	12:01:00	0.1	Stacking	NA	Exploration
2017	Winter	2017-03-29	160	QMR-160105	10:16:00	11:44:00	1.47	Stacking	NA	Exploration
2017	Winter	2017-03-29	160	QMR-160105	8:00:00	9:43:00	1.72	Stacking	NA	Exploration
2017	Winter	2017-03-29	165	MHE-312300	19:28:00	19:58:00	0.5	PaxLoc	NA	Road Cons
2017	Winter	2017-03-29	165	MHE-312300	6:48:00	7:50:00	1.03	PaxLoc	NA	Road Cons
2017	Winter	2017-03-29	165	MHE-312300	18:30:00	18:43:00	0.22	PaxLoc	NA	Road Cons
2017	Winter	2017-03-29	165	MHE-312300	19:01:00	19:13:00	0.2	PaxLoc	NA	Road Cons
2017	Winter	2017-03-30	171	GVNX20170330	8:45:00	10:30:00	1.75	MbSIng	NA	Camp
2017	Winter	2017-03-30	171	GVNX20170330	8:45:00	10:30:00	1.75	Pax	NA	Camp
2017	Winter	2017-03-30	161	QMR-160106	13:48:00	15:40:00	1.87	Stacking	NA	Exploration
2017	Winter	2017-03-30	161	QMR-160106	8:21:00	9:46:00	1.42	Stacking	NA	Exploration
2017	Winter	2017-03-30	161	QMR-160106	16:31:00	18:12:00	1.68	Stacking	NA	Exploration
2017	Winter	2017-03-30	166	MHE-792128	6:36:00	7:42:00	1.1	PaxLoc	NA	Road Cons
2017	Winter	2017-03-30	166	MHE-792128	18:38:00	19:40:00	1.03	PaxLoc	NA	Road Cons
2017	Winter	2017-03-31	178	TEP-042616	0:01:00	1:25:00	1.4	PaxLoc	Going for Visual on Parker	Camp
2017	Winter	2017-03-31	177	GVNX20170331	13:30:00	14:06:00	0.6	Pax	NA	Camp
2017	Winter	2017-03-31	177	GVNX20170331	13:30:00	14:06:00	0.6	MegBag	NA	Drillg
2017	Winter	2017-03-31	173	MHE-792129	6:40:00	7:40:00	1	PaxLoc	NA	Road Cons
2017	Winter	2017-03-31	173	MHE-792129	18:34:00	19:36:00	1.03	PaxLoc	NA	Road Cons
2017	Spring	2017-04-03	185	QMR-160110	16:24:00	17:47:00	1.38	Stacking	NA	Exploration
2017	Spring	2017-04-03	185	QMR-160110	8:25:00	8:42:00	0.28	Stacking	NA	Exploration
2017	Spring	2017-04-03	185	QMR-160110	10:03:00	10:39:00	0.6	Stacking	NA	Exploration
2017	Spring	2017-04-03	185	QMR-160110	11:05:00	12:25:00	1.33	Stacking	NA	Exploration
2017	Spring	2017-04-03	185	QMR-160110	14:03:00	16:05:00	2.03	Stacking	NA	Exploration
2017	Spring	2017-04-03	186	MHE-792132	19:03:00	19:50:00	0.78	PaxLoc	NA	Road Cons
2017	Spring	2017-04-03	186	MHE-792132	18:31:00	18:47:00	0.27	PaxLoc	NA	Road Cons
2017	Spring	2017-04-04	197	GVNX-20170404	16:15:00	16:30:00	0.25	MbSIng	NA	Camp
2017	Spring	2017-04-04	197	GVNX-20170404	15:15:00	15:50:00	0.58	Pax	NA	Camp
2017	Spring	2017-04-04	188	TEP-042620	17:43:00	18:11:00	0.47	Pax	NA	Camp
2017	Spring	2017-04-04	188	TEP-042620	15:32:00	15:41:00	0.15	Pax	NA	Camp
2017	Spring	2017-04-04	188	TEP-042620	8:59:00	9:21:00	0.37	Pax	NA	Camp
2017	Spring	2017-04-04	188	TEP-042620	14:51:00	15:24:00	0.55	Pax	NA	Camp
2017	Spring	2017-04-04	197	GVNX-20170404	16:55:00	17:10:00	0.25	MegBag	NA	Drillg
2017	Spring	2017-04-04	189	QMR-330856	16:20:00	17:56:00	1.6	Stacking	NA	Exploration
2017	Spring	2017-04-04	190	MHE-040487	6:42:00	7:49:00	1.12	PaxLoc	NA	Road Cons
2017	Spring	2017-04-04	190	MHE-040487	18:32:00	19:35:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-05	198	GVNX-20170405	8:00:00	9:10:00	1.17	MbSIng	NA	Camp
2017	Spring	2017-04-05	198	GVNX-20170405	13:30:00	14:40:00	1.17	Pax	NA	Camp
2017	Spring	2017-04-05	202	TEP-042621	19:13:00	19:38:00	0.42	Pax	NA	Camp
2017	Spring	2017-04-05	198	GVNX-20170405	8:00:00	9:10:00	1.17	MegBag	NA	Drillg
2017	Spring	2017-04-05	192	QMR-330857	15:31:00	17:02:00	1.52	Stacking	NA	Exploration
2017	Spring	2017-04-05	192	QMR-330857	9:13:00	9:54:00	0.68	Stacking	NA	Exploration
2017	Spring	2017-04-05	191	MHE-792134	19:29:00	19:46:00	0.28	PaxLoc	NA	Road Cons
2017	Spring	2017-04-05	191	MHE-792134	6:38:00	7:41:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-05	191	MHE-792134	18:32:00	19:15:00	0.72	PaxLoc	NA	Road Cons
2017	Spring	2017-04-06	203	MHE-792135	6:41:00	6:51:00	0.17	PaxLoc	NA	Road Cons
2017	Spring	2017-04-06	203	MHE-792135	7:16:00	7:27:00	0.18	PaxLoc	NA	Road Cons
2017	Spring	2017-04-07	204	TEP-310688	8:08:00	8:35:00	0.45	Pax	NA	Camp
2017	Spring	2017-04-07	204	TEP-310688	7:25:00	7:30:00	0.08	Pax	NA	Camp
2017	Spring	2017-04-07	207	GVNX-20170407	7:30:00	9:15:00	1.75	Groc	NA	Camp
2017	Spring	2017-04-07	207	GVNX-20170407	7:30:00	9:15:00	1.75	MbSIng	NA	Camp
2017	Spring	2017-04-07	207	GVNX-20170407	7:30:00	9:15:00	1.75	Pax	NA	Camp
2017	Spring	2017-04-07	207	GVNX-20170407	7:30:00	9:15:00	1.75	MegBag	NA	Drillg
2017	Spring	2017-04-12	229	GVNX-20170412	8:00:00	11:00:00	3	Pax	NA	Camp
2017	Spring	2017-04-12	226	TEP-926579	9:13:00	9:37:00	0.4	Pax	NA	Camp
2017	Spring	2017-04-12	229	GVNX-20170412	12:00:00	13:10:00	1.17	Pax	NA	Camp
2017	Spring	2017-04-12	226	TEP-926579	9:54:00	9:58:00	0.07	Pax	NA	Camp
2017	Spring	2017-04-12	226	TEP-926579	12:01:00	12:33:00	0.53	Pax	NA	Camp
2017	Spring	2017-04-12	229	GVNX-20170412	6:28:00	7:15:00	0.78	MegBag	NA	Drillg
2017	Spring	2017-04-12	225	QMR-330864	15:49:00	18:58:00	3.15	Stacking	NA	Exploration
2017	Spring	2017-04-12	225	QMR-330864	8:15:00	12:45:00	4.5	Stacking	NA	Exploration
2017	Spring	2017-04-12	224	MHE-792141	15:41:00	16:31:00	0.83	PaxLoc	NA	Road Cons
2017	Spring	2017-04-13	230	GVNX-20170413	7:00:00	8:20:00	1.33	Pax	NA	Camp
2017	Spring	2017-04-13	230	GVNX-20170413	6:00:00	6:19:00	0.32	MbSIng	NA	Camp
2017	Spring	2017-04-13	230	GVNX-20170413	8:00:00	11:56:00	3.93	MegBag	NA	Drillg
2017	Spring	2017-04-13	223	QMR-355129	8:16:00	12:28:00	4.2	Stacking	NA	Exploration
2017	Spring	2017-04-13	223	QMR-355129	14:50:00	18:30:00	3.67	Stacking	NA	Exploration
2017	Spring	2017-04-13	234	MHE-792142	6:12:00	6:42:00	0.5	PaxLoc	NA	Road Cons
2017	Spring	2017-04-13	234	MHE-792142	18:10:00	19:18:00	1.13	PaxLoc	NA	Road Cons
2017	Spring	2017-04-13	234	MHE-792142	7:02:00	7:40:00	0.63	PaxLoc	NA	Road Cons
2017	Spring	2017-04-14	231	MHE-792143	NA	NA	NA	NA	NA	NA
2017	Spring	2017-04-14	235	TEP-310695	11:50:00	12:00:00	0.17	WinRoad	NA	Camp
2017	Spring	2017-04-14	232	GVNX-20170414	11:30:00	11:47:00	0.28	MbSIng	NA	Camp
2017	Spring	2017-04-14	235	TEP-310695	11:00:00	11:27:00	0.45	WinRoad	NA	Camp
2017	Spring	2017-04-14	232	GVNX-20170414	11:57:00	12:13:00	0.27	MbSIng	NA	Camp
2017	Spring	2017-04-14	235	TEP-310695	12:05:00	12:17:00	0.2	WinRoad	NA	Camp
2017	Spring	2017-04-14	232	GVNX-20170414	11:30:00	11:47:00	0.28	Groc	NA	Camp
2017	Spring	2017-04-14	235	TEP-310695	12:26:00	12:55:00	0.48	WinRoad	NA	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Spring	2017-04-14	233	QMR-330866	11:13:00	12:52:00	1.65	Stacking	NA	Exploration
2017	Spring	2017-04-14	233	QMR-330866	14:15:00	17:46:00	3.52	Stacking	NA	Exploration
2017	Spring	2017-04-14	231	MHE-792143	6:10:00	7:20:00	1.17	PaxLoc	NA	Road Cons
2017	Spring	2017-04-14	231	MHE-792143	18:11:00	19:09:00	0.97	PaxLoc	NA	Road Cons
2017	Spring	2017-04-15	238	GVNX20170415	8:03:00	8:21:00	0.3	Groc	NA	Camp
2017	Spring	2017-04-15	238	GVNX20170415	9:50:00	10:09:00	0.32	MbSIng	NA	Camp
2017	Spring	2017-04-15	238	GVNX20170415	8:36:00	8:50:00	0.23	Pax	NA	Camp
2017	Spring	2017-04-15	238	GVNX20170415	14:09:00	14:29:00	0.33	MegBag	NA	Drillg
2017	Spring	2017-04-15	237	QMR-330867	14:37:00	17:48:00	3.18	Stacking	NA	Exploration
2017	Spring	2017-04-15	237	QMR-330867	13:45:00	14:21:00	0.6	Stacking	NA	Exploration
2017	Spring	2017-04-15	237	QMR-330867	13:26:00	13:31:00	0.08	Stacking	NA	Exploration
2017	Spring	2017-04-15	237	QMR-330867	13:03:00	13:10:00	0.12	Stacking	NA	Exploration
2017	Spring	2017-04-15	237	QMR-330867	7:41:00	11:17:00	3.6	Stacking	NA	Exploration
2017	Spring	2017-04-15	239	MHE-792144	6:11:00	7:09:00	0.97	PaxLoc	NA	Road Cons
2017	Spring	2017-04-15	239	MHE-792144	18:12:00	19:10:00	0.97	PaxLoc	NA	Road Cons
2017	Spring	2017-04-16	243	GVNX20170416	15:32:00	15:50:00	0.3	Pax	NA	Camp
2017	Spring	2017-04-16	240	TEP-310697	10:44:00	11:01:00	0.28	WinRoad	NA	Camp
2017	Spring	2017-04-16	240	TEP-310697	11:35:00	11:40:00	0.08	WinRoad	NA	Camp
2017	Spring	2017-04-16	240	TEP-310697	12:08:00	12:32:00	0.4	WinRoad	NA	Camp
2017	Spring	2017-04-16	240	TEP-310697	13:23:00	13:49:00	0.43	WinRoad	NA	Camp
2017	Spring	2017-04-16	243	GVNX20170416	7:06:00	7:24:00	0.3	Pax	NA	Camp
2017	Spring	2017-04-16	240	TEP-310697	13:04:00	13:16:00	0.2	WinRoad	NA	Camp
2017	Spring	2017-04-16	241	QMR-330868	8:35:00	12:33:00	3.97	Stacking	NA	Exploration
2017	Spring	2017-04-16	241	QMR-330868	14:50:00	18:07:00	3.28	Stacking	NA	Exploration
2017	Spring	2017-04-16	242	MHE-792145	6:02:00	7:05:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-16	242	MHE-792145	18:12:00	19:10:00	0.97	PaxLoc	NA	Road Cons
2017	Spring	2017-04-17	245	TEP-310698	15:07:00	15:43:00	0.6	Pax	NA	Camp
2017	Spring	2017-04-17	246	GVNX20170417	7:30:00	7:47:00	0.28	Pax	NA	Camp
2017	Spring	2017-04-17	246	GVNX20170417	7:52:00	8:09:00	0.28	Pax	NA	Camp
2017	Spring	2017-04-17	245	TEP-310698	14:24:00	14:47:00	0.38	Pax	NA	Camp
2017	Spring	2017-04-17	244	QMR-330869	9:48:00	10:36:00	0.8	Stacking	NA	Exploration
2017	Spring	2017-04-17	247	MHE-792146	18:11:00	19:11:00	1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-17	247	MHE-792146	6:13:00	7:18:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-04-18	249	GVNX20170418	14:33:00	15:45:00	1.2	Pax	NA	Camp
2017	Spring	2017-04-18	249	GVNX20170418	6:30:00	6:47:00	0.28	Pax	NA	Camp
2017	Spring	2017-04-18	249	GVNX20170418	6:57:00	7:10:00	0.22	Pax	NA	Camp
2017	Spring	2017-04-18	249	GVNX20170418	7:30:00	7:45:00	0.25	Pax	NA	Camp
2017	Spring	2017-04-18	249	GVNX20170418	14:11:00	14:28:00	0.28	Pax	NA	Camp
2017	Spring	2017-04-18	249	GVNX20170418	7:50:00	8:04:00	0.23	Pax	NA	Camp
2017	Spring	2017-04-18	249	GVNX20170418	16:32:00	16:47:00	0.25	MegBag	NA	Drillg
2017	Spring	2017-04-18	250	QMR-330870	8:40:00	10:12:00	1.53	Stacking	NA	Exploration
2017	Spring	2017-04-18	253	MHE-792147	17:00:00	18:00:00	1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-18	253	MHE-792147	6:00:00	7:00:00	1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-19	251	GVNX20170419	7:21:00	7:39:00	0.3	Groc	NA	Camp
2017	Spring	2017-04-19	251	GVNX20170419	8:30:00	8:42:00	0.2	MbSIng	NA	Camp
2017	Spring	2017-04-19	251	GVNX20170419	9:00:00	11:10:00	2.17	Pax	NA	Camp
2017	Spring	2017-04-19	251	GVNX20170419	7:50:00	8:24:00	0.57	MegBag	NA	Drillg
2017	Spring	2017-04-19	255	MHE-517041	18:44:00	19:13:00	0.48	PaxLoc	NA	Road Cons
2017	Spring	2017-04-19	255	MHE-517041	18:05:00	18:32:00	0.45	PaxLoc	NA	Road Cons
2017	Spring	2017-04-19	255	MHE-517041	6:18:00	7:18:00	1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-20	260	GVNX20170420	8:00:00	8:35:00	0.58	Pax	NA	Camp
2017	Spring	2017-04-20	257	TEP-310701	8:57:00	9:24:00	0.45	Pax	NA	Camp
2017	Spring	2017-04-20	258	TEP-448615	13:33:00	14:04:00	0.52	Pax	NA	Camp
2017	Spring	2017-04-20	260	GVNX20170420	13:02:00	13:55:00	0.88	MbSIng	NA	Camp
2017	Spring	2017-04-20	260	GVNX20170420	7:05:00	7:40:00	0.58	MegBag	NA	Drillg
2017	Spring	2017-04-20	260	GVNX20170420	15:25:00	15:42:00	0.28	MegBag	NA	Drillg
2017	Spring	2017-04-20	256	MHE-517042	18:07:00	19:02:00	0.92	PaxLoc	NA	Road Cons
2017	Spring	2017-04-20	256	MHE-517042	6:09:00	7:05:00	0.93	PaxLoc	NA	Road Cons
2017	Spring	2017-04-21	261	GVNX20170421	8:24:00	8:39:00	0.25	MbSIng	NA	Camp
2017	Spring	2017-04-21	261	GVNX20170421	7:20:00	7:36:00	0.27	MbSIng	NA	Camp
2017	Spring	2017-04-21	263	MHE-517043	6:10:00	7:10:00	1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-21	263	MHE-517043	18:04:00	19:08:00	1.07	PaxLoc	NA	Road Cons
2017	Spring	2017-04-22	267	GVNX20170422	9:10:00	9:28:00	0.3	MbSIng	NA	Camp
2017	Spring	2017-04-22	267	GVNX20170422	14:05:00	14:21:00	0.27	MegBag	NA	Drillg
2017	Spring	2017-04-22	266	MHE-517044	6:05:00	7:08:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-22	266	MHE-517044	18:06:00	19:05:00	0.98	PaxLoc	NA	Road Cons
2017	Spring	2017-04-23	271	GVNX20170423	6:52:00	7:12:00	0.33	MbSIng	NA	Camp
2017	Spring	2017-04-23	271	GVNX20170423	7:46:00	8:03:00	0.28	MbSIng	NA	Camp
2017	Spring	2017-04-23	271	GVNX20170423	6:52:00	7:12:00	0.33	Pax	NA	Camp
2017	Spring	2017-04-23	271	GVNX20170423	16:34:00	16:50:00	0.27	Pax	NA	Camp
2017	Spring	2017-04-23	271	GVNX20170423	17:04:00	17:19:00	0.25	MegBag	NA	Drillg
2017	Spring	2017-04-23	269	TEP-448618	11:55:00	12:05:00	0.17	GeoPhy	147014.6110.04	Exploration
2017	Spring	2017-04-23	269	TEP-448618	10:39:00	11:47:00	1.13	GeoPhy	147014.6110.04	Exploration
2017	Spring	2017-04-23	269	TEP-448618	9:57:00	10:31:00	0.57	GeoPhy	147014.6110.04	Exploration
2017	Spring	2017-04-23	269	TEP-448618	17:16:00	17:42:00	0.43	GeoPhy	147014.6110.04	Exploration
2017	Spring	2017-04-23	270	MHE-517045	6:07:00	7:10:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-23	270	MHE-517045	18:07:00	19:02:00	0.92	PaxLoc	NA	Road Cons
2017	Spring	2017-04-24	276	GVNX20170424	8:25:00	8:49:00	0.4	MbSIng	NA	Camp
2017	Spring	2017-04-24	276	GVNX20170424	9:58:00	10:20:00	0.37	Pax	NA	Camp
2017	Spring	2017-04-24	276	GVNX20170424	16:14:00	16:30:00	0.27	MegBag	NA	Drillg
2017	Spring	2017-04-24	277	TEP-448619	17:13:00	17:54:00	0.68	GeoPhy	147014.6010.04	Exploration
2017	Spring	2017-04-24	275	ZRN-263330	8:35:00	11:40:00	3.08	Stacking	NA	Exploration
2017	Spring	2017-04-24	275	ZRN-263330	14:41:00	17:15:00	2.57	Stacking	NA	Exploration
2017	Spring	2017-04-24	277	TEP-448619	9:05:00	9:15:00	0.17	GeoPhy	147014.6010.04	Exploration
2017	Spring	2017-04-24	277	TEP-448619	8:21:00	8:58:00	0.62	GeoPhy	147014.6010.04	Exploration
2017	Spring	2017-04-24	273	MHE-517046	6:04:00	7:09:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-04-24	273	MHE-517046	18:04:00	18:58:00	0.9	PaxLoc	NA	Road Cons
2017	Spring	2017-04-25	283	MHE-517047	NA	NA	NA	NA	NA	NA
2017	Spring	2017-04-25	281	GVNX20170425	15:15:00	15:32:00	0.28	MbSIng	NA	Camp
2017	Spring	2017-04-25	281	GVNX20170425	14:30:00	14:46:00	0.27	Groc	NA	Camp
2017	Spring	2017-04-25	281	GVNX20170425	7:00:00	9:52:00	2.87	Pax	NA	Camp
2017	Spring	2017-04-25	281	GVNX20170425	15:15:00	15:32:00	0.28	MegBag	NA	Drillg
2017	Spring	2017-04-25	279	TEP-448620	8:29:00	9:08:00	0.65	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-25	279	TEP-448620	17:13:00	17:57:00	0.73	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-25	280	ZRN-384152	7:50:00	10:36:00	2.77	Stacking	NA	Exploration
2017	Spring	2017-04-25	280	ZRN-384152	15:23:00	15:28:00	0.08	Stacking	NA	Exploration
2017	Spring	2017-04-25	280	ZRN-384152	13:35:00	15:01:00	1.43	Stacking	NA	Exploration
2017	Spring	2017-04-25	280	ZRN-384152	11:25:00	12:02:00	0.62	Stacking	NA	Exploration
2017	Spring	2017-04-25	283	MHE-517047	6:04:00	7:10:00	1.1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-25	283	MHE-517047	17:58:00	19:01:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-26	285	GVNX20170426	6:40:00	9:04:00	2.4	MbSIng	NA	Camp
2017	Spring	2017-04-26	285	GVNX20170426	6:40:00	9:04:00	2.4	Pax	NA	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Spring	2017-04-26	285	GVNX20170426	6:40:00	9:04:00	2.4	MegBag	NA	Drillg
2017	Spring	2017-04-26	284	TEP-448621	8:01:00	8:40:00	0.65	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-26	284	TEP-448621	17:10:00	17:54:00	0.73	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-26	300	MHE-517048	18:03:00	19:05:00	1.03	PaxLoc	NA	Road Cons
2017	Spring	2017-04-26	300	MHE-517048	6:06:00	7:09:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-27	289	GVNX20170427	8:15:00	10:03:00	1.8	MbSing	NA	Camp
2017	Spring	2017-04-27	289	GVNX20170427	8:15:00	10:03:00	1.8	Pax	NA	Camp
2017	Spring	2017-04-27	291	TEP-448622	8:01:00	8:41:00	0.67	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-27	291	TEP-448622	17:11:00	17:54:00	0.72	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-27	301	MHE-517049	18:07:00	19:13:00	1.1	PaxLoc	NA	Road Cons
2017	Spring	2017-04-27	301	MHE-517049	6:08:00	7:07:00	0.98	PaxLoc	NA	Road Cons
2017	Spring	2017-04-28	292	GVNX20170428	7:00:00	8:30:00	1.5	Pax	NA	Camp
2017	Spring	2017-04-28	292	GVNX20170428	7:00:00	8:30:00	1.5	MbSing	NA	Camp
2017	Spring	2017-04-28	292	GVNX20170428	7:00:00	8:30:00	1.5	MegBag	NA	Drillg
2017	Spring	2017-04-28	295	TEP-448623	8:10:00	8:51:00	0.68	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-28	295	TEP-448623	17:38:00	18:23:00	0.75	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-28	302	MHE-517050	6:13:00	7:16:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-28	302	MHE-517050	17:30:00	18:54:00	1.4	PaxLoc	NA	Road Cons
2017	Spring	2017-04-29	297	GVNX20170429	9:55:00	11:07:00	1.2	PaxLoc	NA	Camp
2017	Spring	2017-04-29	297	GVNX20170429	9:55:00	11:07:00	1.2	MegBag	NA	Drillg
2017	Spring	2017-04-29	298	TEP-448624	8:02:00	8:41:00	0.65	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-29	298	TEP-448624	17:43:00	18:25:00	0.7	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-29	303	MHE-517051	6:00:00	7:03:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-04-29	303	MHE-517051	17:30:00	18:46:00	1.27	PaxLoc	NA	Road Cons
2017	Spring	2017-04-30	308	TEP-448625	9:39:00	10:03:00	0.4	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-30	308	TEP-448625	10:38:00	10:57:00	0.32	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-30	308	TEP-448625	17:44:00	18:31:00	0.78	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-04-30	304	MHE-517052	15:27:00	16:52:00	1.42	PaxLoc	NA	Road Cons
2017	Spring	2017-04-30	304	MHE-517052	14:04:00	15:09:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-04-30	304	MHE-517052	12:58:00	13:37:00	0.65	PaxLoc	NA	Road Cons
2017	Spring	2017-04-30	304	MHE-517052	6:02:00	7:07:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-04-30	304	MHE-517052	18:00:00	19:03:00	1.05	PaxLoc	NA	Road Cons
2017	Spring	2017-05-01	312	GVNX20170501	8:15:00	10:03:00	1.8	MbSing	NA	Camp
2017	Spring	2017-05-01	312	GVNX20170501	8:15:00	10:03:00	1.8	Pax	NA	Camp
2017	Spring	2017-05-01	312	GVNX20170501	8:15:00	10:03:00	1.8	MegBag	NA	Drillg
2017	Spring	2017-05-01	309	TEP-448626	15:32:00	17:12:00	1.67	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-05-01	309	TEP-448626	8:02:00	8:41:00	0.65	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-05-01	309	TEP-448626	14:43:00	15:11:00	0.47	GeoPhy	SKIDOO MAG .6110.04	Exploration
2017	Spring	2017-05-01	310	MHE-517053	6:10:00	7:15:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-05-01	310	MHE-517053	9:45:00	10:20:00	0.58	PaxLoc	NA	Road Cons
2017	Spring	2017-05-01	310	MHE-517053	13:09:00	13:42:00	0.55	PaxLoc	NA	Road Cons
2017	Spring	2017-05-01	310	MHE-517053	17:24:00	18:57:00	1.55	PaxLoc	NA	Road Cons
2017	Spring	2017-05-02	318	GVNX20170502	7:00:00	10:36:00	3.6	Pax	NA	Camp
2017	Spring	2017-05-02	318	GVNX20170502	7:00:00	10:36:00	3.6	MbSing	NA	Camp
2017	Spring	2017-05-02	318	GVNX20170502	7:00:00	10:36:00	3.6	MegBag	NA	Drillg
2017	Spring	2017-05-02	314	MHE-517054	17:25:00	19:11:00	1.77	PaxLoc	NA	Road Cons
2017	Spring	2017-05-02	314	MHE-517054	6:07:00	7:13:00	1.1	PaxLoc	NA	Road Cons
2017	Spring	2017-05-03	323	GVNX20170503	8:30:00	10:18:00	1.8	Pax	NA	Camp
2017	Spring	2017-05-03	323	GVNX20170503	10:18:00	10:54:00	0.6	MbSing	NA	Camp
2017	Spring	2017-05-03	323	GVNX20170503	8:30:00	10:18:00	1.8	MegBag	NA	Drillg
2017	Spring	2017-05-03	319	MHE-517055	6:05:00	7:15:00	1.17	PaxLoc	NA	Road Cons
2017	Spring	2017-05-03	319	MHE-517055	17:27:00	19:11:00	1.73	PaxLoc	NA	Road Cons
2017	Spring	2017-05-04	328	GVNX20170504	8:15:00	10:03:00	1.8	MbSing	NA	Camp
2017	Spring	2017-05-04	328	GVNX20170504	8:15:00	10:03:00	1.8	Pax	NA	Camp
2017	Spring	2017-05-04	328	GVNX20170504	8:15:00	10:03:00	1.8	MegBag	NA	Drillg
2017	Spring	2017-05-04	327	MHE-517056	5:57:00	7:01:00	1.07	PaxLoc	NA	Road Cons
2017	Spring	2017-05-04	327	MHE-517056	17:15:00	18:45:00	1.5	PaxLoc	NA	Road Cons
2017	Spring	2017-05-05	333	GVNX20170505	9:40:00	10:16:00	0.6	Pax	NA	Camp
2017	Spring	2017-05-05	333	GVNX20170505	9:40:00	10:16:00	0.6	MegBag	NA	Drillg
2017	Spring	2017-05-05	331	MHE-517057	5:55:00	7:13:00	1.3	PaxLoc	NA	Road Cons
2017	Spring	2017-05-05	331	MHE-517057	17:26:00	18:02:00	0.6	PaxLoc	NA	Road Cons
2017	Spring	2017-05-06	336	GVNX20170506	8:50:00	10:02:00	1.2	Pax	NA	Camp
2017	Spring	2017-05-06	336	GVNX20170506	8:50:00	10:02:00	1.2	MegBag	NA	Drillg
2017	Spring	2017-05-06	338	MHE-517058	17:27:00	18:02:00	0.58	PaxLoc	NA	Road Cons
2017	Spring	2017-05-06	338	MHE-517058	18:22:00	18:52:00	0.5	PaxLoc	NA	Road Cons
2017	Spring	2017-05-06	338	MHE-517058	6:08:00	6:42:00	0.57	PaxLoc	NA	Road Cons
2017	Spring	2017-05-07	341	GVNX20170507	7:25:00	9:50:00	2.42	MbSing	NA	Camp
2017	Spring	2017-05-07	341	GVNX20170507	7:25:00	9:50:00	2.42	Pax	NA	Camp
2017	Spring	2017-05-07	341	GVNX20170507	7:25:00	9:50:00	2.42	MegBag	NA	Drillg
2017	Spring	2017-05-07	339	MHE-517059	5:30:00	7:01:00	1.52	PaxLoc	NA	Road Cons
2017	Spring	2017-05-07	339	MHE-517059	16:58:00	19:12:00	2.23	PaxLoc	NA	Road Cons
2017	Spring	2017-05-07	339	MHE-517059	15:12:00	16:12:00	1	PaxLoc	ENVIRO STAFF MB	Road Cons
2017	Spring	2017-05-08	357	MHE-517060	5:30:00	6:50:00	1.33	PaxLoc	NA	Road Cons
2017	Spring	2017-05-09	346	MHE-517061	17:30:00	18:03:00	0.55	NA	NA	NA
2017	Spring	2017-05-09	353	GVNX20170509	10:10:00	12:00:00	1.83	Pax	NA	Camp
2017	Spring	2017-05-09	358	TEP-310720	10:30:00	10:53:00	0.38	Pax	NA	Camp
2017	Spring	2017-05-09	358	TEP-310720	11:03:00	11:38:00	0.58	Pax	NA	Camp
2017	Spring	2017-05-09	353	GVNX20170509	10:10:00	12:00:00	1.83	MbSing	NA	Camp
2017	Spring	2017-05-09	347	ZRN-384166	10:42:00	11:02:00	0.33	Pax	NA	Camp
2017	Spring	2017-05-09	347	ZRN-384166	11:22:00	11:50:00	0.47	Pax	NA	Camp
2017	Spring	2017-05-09	346	MHE-517061	17:30:00	18:03:00	0.55	PaxLoc	NA	Road Cons
2017	Spring	2017-05-09	346	MHE-517061	18:17:00	19:22:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-05-10	354	GVNX20170510	8:30:00	9:42:00	1.2	Pax	NA	Camp
2017	Spring	2017-05-10	364	MHE-343506	5:33:00	7:04:00	1.52	PaxLoc	NA	Road Cons
2017	Spring	2017-05-11	363	MHE-343507	17:32:00	18:25:00	0.88	PaxLoc	NA	Road Cons
2017	Spring	2017-05-11	363	MHE-343507	18:35:00	19:27:00	0.87	PaxLoc	NA	Road Cons
2017	Spring	2017-05-12	369	GVNX20170512	14:35:00	15:10:00	0.58	Pax	NA	Camp
2017	Spring	2017-05-12	372	MHE-343508	17:55:00	19:12:00	1.28	PaxLoc	NA	Road Cons
2017	Spring	2017-05-13	370	GVNX20170513	13:00:00	14:48:00	1.8	MbSing	NA	Camp
2017	Spring	2017-05-13	367	ZRN-384170	11:20:00	12:01:00	0.68	PaxLoc	NA	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Spring	2017-05-13	370	GVNX20170513	13:00:00	14:48:00	1.8	MbSIng	NA	Camp
2017	Spring	2017-05-13	367	ZRN-384170	10:23:00	10:47:00	0.4	Pax	NA	Camp
2017	Spring	2017-05-13	370	GVNX20170513	13:00:00	14:48:00	1.8	Pax	NA	Camp
2017	Spring	2017-05-13	367	ZRN-384170	12:23:00	12:46:00	0.38	PaxLoc	NA	Drillg
2017	Spring	2017-05-13	373	MHE-343509	17:55:00	19:02:00	1.12	PaxLoc	NA	Road Cons
2017	Spring	2017-05-13	373	MHE-343509	5:55:00	7:12:00	1.28	PaxLoc	NA	Road Cons
2017	Spring	2017-05-14	374	TEP-310725	11:47:00	12:15:00	0.47	WinRoad	NA	Camp
2017	Spring	2017-05-14	374	TEP-310725	10:30:00	11:27:00	0.95	WinRoad	NA	Camp
2017	Spring	2017-05-14	383	GVNX20170514	10:18:00	13:00:00	2.7	MegBag	x10	Drillg
2017	Spring	2017-05-14	376	MHE-343510	17:56:00	19:05:00	1.15	PaxLoc	NA	Road Cons
2017	Spring	2017-05-14	376	MHE-343510	6:05:00	7:13:00	1.13	PaxLoc	NA	Road Cons
2017	Spring	2017-05-15	382	TEP-310726	17:19:00	17:53:00	0.57	Pax	NA	Camp
2017	Spring	2017-05-15	379	GVNX20170515	8:15:00	10:03:00	1.8	Pax	NA	Camp
2017	Spring	2017-05-15	379	GVNX20170515	8:15:00	10:03:00	1.8	MegBag	NA	Drillg
2017	Spring	2017-05-15	380	MHE-343511	10:30:00	11:07:00	0.62	PaxLoc	NA	Road Cons
2017	Spring	2017-05-15	380	MHE-343511	6:05:00	7:11:00	1.1	PaxLoc	NA	Road Cons
2017	Spring	2017-05-15	380	MHE-343511	13:30:00	14:05:00	0.58	PaxLoc	NA	Road Cons
2017	Spring	2017-05-15	380	MHE-343511	17:40:00	18:59:00	1.32	PaxLoc	NA	Road Cons
2017	Spring	2017-05-15	380	MHE-343511	17:10:00	17:28:00	0.3	PaxLoc	NA	Road Cons
2017	Spring	2017-05-16	384	TEP-310727	9:31:00	10:00:00	0.48	Pax	NA	Camp
2017	Spring	2017-05-16	388	GVNX20170516	8:20:00	11:20:00	3	MbSIng	NA	Camp
2017	Spring	2017-05-16	388	GVNX20170516	8:20:00	11:20:00	3	Pax	NA	Camp
2017	Spring	2017-05-16	384	TEP-310727	10:08:00	10:48:00	0.67	Pax	With Mike M for Pictures	Camp
2017	Spring	2017-05-16	388	GVNX20170516	8:20:00	11:20:00	3	MegBag	NA	Drillg
2017	Spring	2017-05-16	395	MHE-343512	17:55:00	19:00:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-05-16	395	MHE-343512	5:58:00	7:03:00	1.08	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	393	TEP-310728	8:08:00	9:09:00	1.02	Pax	NA	Camp
2017	Spring	2017-05-17	393	TEP-310728	9:16:00	10:59:00	1.72	Pax	NA	Camp
2017	Spring	2017-05-17	389	GVNX20170517	13:10:00	13:25:00	0.25	Pax	NA	Camp
2017	Spring	2017-05-17	389	GVNX20170517	14:40:00	14:55:00	0.25	Pax	NA	Camp
2017	Spring	2017-05-17	389	GVNX20170517	13:55:00	14:10:00	0.25	MegBag	NA	Drillg
2017	Spring	2017-05-17	389	GVNX20170517	15:50:00	16:05:00	0.25	MegBag	NA	Drillg
2017	Spring	2017-05-17	390	MHE-343513	5:55:00	6:55:00	1	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	390	MHE-343513	7:43:00	8:13:00	0.5	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	390	MHE-343513	10:15:00	10:40:00	0.42	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	390	MHE-343513	13:57:00	14:34:00	0.62	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	390	MHE-343513	15:59:00	16:16:00	0.28	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	390	MHE-343513	16:47:00	17:58:00	1.18	PaxLoc	NA	Road Cons
2017	Spring	2017-05-17	390	MHE-343513	18:20:00	18:57:00	0.62	PaxLoc	NA	Road Cons
2017	Spring	2017-05-18	396	GVNX20170518	8:00:00	8:47:00	0.78	MbSIng	NA	Camp
2017	Spring	2017-05-18	396	GVNX20170518	9:13:00	10:18:00	1.08	Pax	NA	Camp
2017	Spring	2017-05-18	396	GVNX20170518	13:06:00	13:24:00	0.3	MegBag	NA	Drillg
2017	Spring	2017-05-18	407	MHE-343514	7:25:00	7:56:00	0.52	PaxLoc	NA	Road Cons
2017	Spring	2017-05-18	407	MHE-343514	16:28:00	17:57:00	1.48	PaxLoc	NA	Road Cons
2017	Spring	2017-05-18	407	MHE-343514	18:25:00	18:54:00	0.48	PaxLoc	NA	Road Cons
2017	Spring	2017-05-18	407	MHE-343514	5:58:00	6:52:00	0.9	PaxLoc	NA	Road Cons
2017	Spring	2017-05-19	403	GVNX-20170519	7:56:00	9:14:00	1.3	MbSIng	NA	Camp
2017	Spring	2017-05-19	403	GVNX-20170519	15:16:00	15:30:00	0.23	MegBag	NA	Drillg
2017	Spring	2017-05-19	408	MHE-343515	5:52:00	7:32:00	1.67	PaxLoc	NA	Road Cons
2017	Spring	2017-05-19	408	MHE-343515	16:30:00	18:01:00	1.52	PaxLoc	NA	Road Cons
2017	Spring	2017-05-19	408	MHE-343515	18:25:00	18:53:00	0.47	PaxLoc	NA	Road Cons
2017	Spring	2017-05-20	406	GVNX-20170520	15:44:00	16:00:00	0.27	MbSIng	NA	Camp
2017	Spring	2017-05-20	405	TEP-310731	15:23:00	15:39:00	0.27	WinRoad	NA	Camp
2017	Spring	2017-05-20	406	GVNX-20170520	15:06:00	15:23:00	0.28	Pax	NA	Camp
2017	Spring	2017-05-20	405	TEP-310731	14:37:00	15:20:00	0.72	WinRoad	NA	Camp
2017	Spring	2017-05-20	405	TEP-310731	15:57:00	16:21:00	0.4	WinRoad	NA	Camp
2017	Spring	2017-05-20	406	GVNX-20170520	13:56:00	14:13:00	0.28	MegBag	NA	Drillg
2017	Spring	2017-05-20	406	GVNX-20170520	14:26:00	14:43:00	0.28	MegBag	NA	Drillg
2017	Spring	2017-05-20	409	MHE-343517	5:53:00	7:06:00	1.22	PaxLoc	NA	Road Cons
2017	Spring	2017-05-20	409	MHE-343517	7:38:00	8:12:00	0.57	PaxLoc	NA	Road Cons
2017	Spring	2017-05-20	409	MHE-343517	16:28:00	17:25:00	0.95	PaxLoc	NA	Road Cons
2017	Spring	2017-05-20	409	MHE-343517	17:35:00	18:04:00	0.48	PaxLoc	NA	Road Cons
2017	Spring	2017-05-20	409	MHE-343517	18:22:00	18:49:00	0.45	PaxLoc	NA	Road Cons
2017	Spring	2017-05-21	413	MHE-343517	5:52:00	7:36:00	1.73	NA	NA	NA
2017	Spring	2017-05-21	411	GVNX-20170521	8:56:00	9:15:00	0.32	Pax	NA	Camp
2017	Spring	2017-05-21	411	GVNX-20170521	13:48:00	14:06:00	0.3	Pax	NA	Camp
2017	Spring	2017-05-21	411	GVNX-20170521	10:03:00	10:20:00	0.28	Pax	NA	Camp
2017	Spring	2017-05-21	411	GVNX-20170521	9:26:00	9:44:00	0.3	MegBag	NA	Drillg
2017	Spring	2017-05-21	413	MHE-343517	18:25:00	18:57:00	0.53	PaxLoc	NA	Road Cons
2017	Spring	2017-05-21	413	MHE-343517	5:52:00	7:36:00	1.73	PaxLoc	NA	Road Cons
2017	Spring	2017-05-21	413	MHE-343517	16:30:00	18:03:00	1.55	PaxLoc	NA	Road Cons
2017	Spring	2017-05-22	419	GVNX20170522	8:46:00	9:04:00	0.3	Pax	NA	Camp
2017	Spring	2017-05-22	419	GVNX20170522	9:13:00	9:31:00	0.3	Pax	NA	Camp
2017	Spring	2017-05-22	419	GVNX20170522	12:52:00	13:10:00	0.3	Pax	NA	Camp
2017	Spring	2017-05-22	419	GVNX20170522	13:37:00	13:57:00	0.33	MegBag	NA	Drillg
2017	Spring	2017-05-22	420	MHE-343518	9:26:00	9:56:00	0.5	PaxLoc	NA	Road Cons
2017	Spring	2017-05-22	420	MHE-343518	5:56:00	7:33:00	1.62	PaxLoc	NA	Road Cons
2017	Spring	2017-05-22	420	MHE-343518	18:28:00	19:03:00	0.58	PaxLoc	NA	Road Cons
2017	Spring	2017-05-22	420	MHE-343518	16:30:00	18:03:00	1.55	PaxLoc	NA	Road Cons
2017	Spring	2017-05-22	420	MHE-343518	12:54:00	13:27:00	0.55	PaxLoc	NA	Road Cons
2017	Spring	2017-05-23	424	GVNX20170523	8:46:00	9:06:00	0.33	MbSIng	NA	Camp
2017	Spring	2017-05-23	424	GVNX20170523	14:10:00	14:27:00	0.28	Pax	NA	Camp
2017	Spring	2017-05-23	424	GVNX20170523	13:35:00	13:55:00	0.33	MbSIng	NA	Camp
2017	Spring	2017-05-23	424	GVNX20170523	8:25:00	8:59:00	0.57	Pax	NA	Camp
2017	Spring	2017-05-23	424	GVNX20170523	13:02:00	13:38:00	0.6	Pax	NA	Camp
2017	Spring	2017-05-23	424	GVNX20170523	14:52:00	15:15:00	0.38	MegBag	NA	Drillg
2017	Spring	2017-05-23	435	MHE-343519	18:32:00	19:08:00	0.6	PaxLoc	NA	Road Cons
2017	Spring	2017-05-23	435	MHE-343519	16:15:00	16:32:00	0.28	PaxLoc	NA	Road Cons
2017	Spring	2017-05-23	435	MHE-343519	16:47:00	18:10:00	1.38	PaxLoc	NA	Road Cons
2017	Spring	2017-05-24	429	JTI-789866	18:16:00	18:52:00	0.6	MbSIng	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	19:02:00	19:05:00	0.05	Groc	NA	Camp
2017	Spring	2017-05-24	430	ZRN-838728	10:52:00	11:18:00	0.43	Groc	NA	Camp
2017	Spring	2017-05-24	430	ZRN-838728	15:48:00	16:07:00	0.32	Groc	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	13:24:00	13:46:00	0.37	Pax	NA	Camp
2017	Spring	2017-05-24	430	ZRN-838728	15:48:00	16:07:00	0.32	Pax	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	11:37:00	11:57:00	0.33	Groc	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	18:16:00	18:52:00	0.6	WinRoad	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	17:53:00	18:10:00	0.28	WinRoad	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	12:05:00	12:27:00	0.37	Pax	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	17:14:00	17:47:00	0.55	WinRoad	NA	Camp
2017	Spring	2017-05-24	430	ZRN-838728	11:25:00	11:49:00	0.4	Pax	NA	Camp
2017	Spring	2017-05-24	429	JTI-789866	11:04:00	11:27:00	0.38	Pax	NA	Camp
2017	Spring	2017-05-24	436	MHE-343520	18:23:00	18:54:00	0.52	PaxLoc	NA	Road Cons

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Spring	2017-05-24	436	MHE-343520	16:25:00	17:57:00	1.53	PaxLoc	NA	Road Cons
2017	Spring	2017-05-24	436	MHE-343520	6:00:00	6:05:00	0.08	PaxLoc	NA	Road Cons
2017	Spring	2017-05-25	433	ZRN-838729	9:17:00	10:39:00	1.37	MbSIng	NA	Camp
2017	Spring	2017-05-25	427	GVNX20170525	8:50:00	9:05:00	0.25	Pax	NA	Camp
2017	Spring	2017-05-25	427	GVNX20170525	9:12:00	9:32:00	0.33	Pax	NA	Camp
2017	Spring	2017-05-25	427	GVNX20170525	13:14:00	13:32:00	0.3	Pax	NA	Camp
2017	Spring	2017-05-25	428	JTI-789867	10:26:00	12:56:00	2.5	PaxLoc	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	8:09:00	8:57:00	0.8	DrillServ	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	16:10:00	16:39:00	0.48	Move	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	10:26:00	12:56:00	2.5	Move	NA	Drillg
2017	Spring	2017-05-25	427	GVNX20170525	14:28:00	14:47:00	0.32	MegBag	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	8:09:00	8:57:00	0.8	PaxLoc	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	8:09:00	8:57:00	0.8	Move	DRILL 6	Drillg
2017	Spring	2017-05-25	428	JTI-789867	17:18:00	18:29:00	1.18	Move	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	17:18:00	18:29:00	1.18	CrewChg	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	18:41:00	19:19:00	0.63	Move	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	14:08:00	15:59:00	1.85	PaxLoc	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	10:26:00	12:56:00	2.5	DrillServ	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	14:08:00	15:59:00	1.85	Move	NA	Drillg
2017	Spring	2017-05-25	428	JTI-789867	17:18:00	18:29:00	1.18	PaxLoc	NA	Enviro
2017	Spring	2017-05-25	428	JTI-789867	16:40:00	16:59:00	0.32	PaxLoc	NA	Enviro
2017	Spring	2017-05-25	437	MHE-343521	6:08:00	7:53:00	1.75	PaxLoc	NA	Road Cons
2017	Spring	2017-05-25	437	MHE-343521	NA	NA	NA	NA	NA	Road Cons
2017	Spring	2017-05-25	437	MHE-343521	18:24:00	18:58:00	0.57	PaxLoc	NA	Road Cons
2017	Spring	2017-05-25	437	MHE-343521	16:15:00	17:58:00	1.72	PaxLoc	NA	Road Cons
2017	Summer	2017-05-26	444	TEP-495109	18:20:00	19:08:00	0.8	PaxLoc	NA	Camp
2017	Summer	2017-05-26	441	JTI-789868	9:18:00	9:40:00	0.37	MbSIng	NA	Camp
2017	Summer	2017-05-26	441	JTI-789868	10:32:00	12:06:00	1.57	MbSIng	NA	Camp
2017	Summer	2017-05-26	441	JTI-789868	12:15:00	12:30:00	0.25	MbSIng	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	7:41:00	7:57:00	0.27	MbSIng	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	10:30:00	10:47:00	0.28	Pax	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	10:57:00	11:14:00	0.28	Pax	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	13:20:00	13:35:00	0.25	Pax	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	16:15:00	16:30:00	0.25	Pax	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	16:45:00	17:01:00	0.27	Pax	NA	Camp
2017	Summer	2017-05-26	442	GVNX20170526	10:57:00	11:14:00	0.28	MegBag	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	5:56:00	7:01:00	1.08	Core	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	15:32:00	15:48:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-05-26	442	GVNX20170526	13:50:00	14:10:00	0.33	MegBag	NA	Drillg
2017	Summer	2017-05-26	442	GVNX20170526	9:34:00	9:53:00	0.32	MegBag	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	17:51:00	18:20:00	0.48	CrewChg	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	17:51:00	18:20:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	16:59:00	17:16:00	0.28	Core	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	16:08:00	16:40:00	0.53	PaxLoc	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	5:56:00	7:01:00	1.08	CrewChg	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	13:38:00	14:27:00	0.82	DrillServ	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	13:38:00	14:27:00	0.82	PaxLoc	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	13:38:00	14:27:00	0.82	Move	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	10:01:00	10:06:00	0.08	MbSIng	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	9:18:00	9:40:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	5:56:00	7:01:00	1.08	DrillServ	NA	Drillg
2017	Summer	2017-05-26	442	GVNX20170526	16:45:00	17:01:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-05-26	441	JTI-789868	16:08:00	16:40:00	0.53	Move	NA	Drillg
2017	Summer	2017-05-26	438	MHE-343522	NA	NA	NA	NA	NA	Road Cons
2017	Summer	2017-05-26	438	MHE-343522	18:29:00	19:00:00	0.52	PaxLoc	NA	Road Cons
2017	Summer	2017-05-26	438	MHE-343522	16:22:00	18:03:00	1.68	PaxLoc	NA	Road Cons
2017	Summer	2017-05-26	438	MHE-343522	NA	NA	NA	NA	NA	Road Cons
2017	Summer	2017-05-26	438	MHE-343522	5:54:00	7:48:00	1.9	PaxLoc	NA	Road Cons
2017	Summer	2017-05-27	446	ZRN-838731	16:06:00	17:57:00	1.85	MbSIng	NA	Camp
2017	Summer	2017-05-27	443	GVNX20170527	11:30:00	11:47:00	0.28	Pax	NA	Camp
2017	Summer	2017-05-27	446	ZRN-838731	8:18:00	8:53:00	0.58	MbSIng	NA	Camp
2017	Summer	2017-05-27	447	JTI-789869	17:58:00	18:23:00	0.42	CrewChg	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	13:22:00	14:44:00	1.37	PaxLoc	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	16:56:00	17:47:00	0.85	DrillServ	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	13:22:00	14:44:00	1.37	Move	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	9:47:00	10:27:00	0.67	Move	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	9:47:00	10:27:00	0.67	DrillServ	NA	Drillg
2017	Summer	2017-05-27	443	GVNX20170527	12:08:00	12:24:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	16:56:00	17:47:00	0.85	Core	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	9:47:00	10:27:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	5:58:00	6:24:00	0.43	CrewChg	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	6:28:00	7:14:00	0.77	DrillServ	NA	Drillg
2017	Summer	2017-05-27	447	JTI-789869	6:28:00	7:14:00	0.77	Core	NA	Drillg
2017	Summer	2017-05-27	446	ZRN-838731	12:52:00	14:37:00	1.75	AtRap	NA	Enviro
2017	Summer	2017-05-27	446	ZRN-838731	10:45:00	11:53:00	1.13	AtRap	NA	Enviro
2017	Summer	2017-05-27	446	ZRN-838731	9:25:00	10:26:00	1.02	AtRap	NA	Enviro
2017	Summer	2017-05-27	449	MHE-343523	6:05:00	7:43:00	1.63	PaxLoc	NA	Road Cons
2017	Summer	2017-05-27	449	MHE-343523	18:28:00	18:59:00	0.52	PaxLoc	NA	Road Cons
2017	Summer	2017-05-27	449	MHE-343523	16:28:00	17:59:00	1.52	PaxLoc	NA	Road Cons
2017	Summer	2017-05-28	463	GVNX20170528	8:57:00	9:15:00	0.3	MbSIng	NA	Camp
2017	Summer	2017-05-28	463	GVNX20170528	15:45:00	16:00:00	0.25	Pax	NA	Camp
2017	Summer	2017-05-28	463	GVNX20170528	13:35:00	14:13:00	0.63	Pax	from Baker Lake	Camp
2017	Summer	2017-05-28	463	GVNX20170528	12:55:00	13:20:00	0.42	Pax	NA	Camp
2017	Summer	2017-05-28	453	JTI-789870	11:09:00	12:06:00	0.95	WinRoad	NA	Camp
2017	Summer	2017-05-28	463	GVNX20170528	9:47:00	10:02:00	0.25	MbSIng	NA	Camp
2017	Summer	2017-05-28	453	JTI-789870	12:10:00	12:36:00	0.43	WinRoad	NA	Camp
2017	Summer	2017-05-28	450	ZRN-838732	13:55:00	14:33:00	0.63	MbSIng	NA	Camp
2017	Summer	2017-05-28	450	ZRN-838732	9:48:00	11:21:00	1.55	MbSIng	NA	Camp
2017	Summer	2017-05-28	454	TEP-495111	16:58:00	17:10:00	0.2	PaxLoc	photos spill	Camp
2017	Summer	2017-05-28	463	GVNX20170528	9:47:00	10:02:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	9:09:00	9:16:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	5:58:00	6:53:00	0.92	DrillServ	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	5:58:00	6:53:00	0.92	CrewChg	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	7:34:00	7:42:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	11:09:00	12:06:00	0.95	PaxLoc	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	11:09:00	12:06:00	0.95	Move	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	11:09:00	12:06:00	0.95	DrillServ	NA	Drillg
2017	Summer	2017-05-28	455	VRH-392337	13:55:00	14:46:00	0.85	DrillServ	NA	Drillg
2017	Summer	2017-05-28	455	VRH-392337	17:00:00	17:28:00	0.47	Core	NA	Drillg
2017	Summer	2017-05-28	455	VRH-392337	17:56:00	18:29:00	0.55	CrewChg	NA	Drillg
2017	Summer	2017-05-28	453	JTI-789870	5:58:00	6:53:00	0.92	Core	NA	Drillg
2017	Summer	2017-05-28	455	VRH-392337	22:33:00	22:39:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-05-28	450	ZRN-838732	9:48:00	11:21:00	1.55	AtRap	NA	Enviro
2017	Summer	2017-05-28	450	ZRN-838732	11:34:00	12:11:00	0.62	AtRap	NA	Enviro

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-05-28	450	ZRN-838732	13:04:00	13:24:00	0.33	AtRap	NA	Enviro
2017	Summer	2017-05-28	454	TEP-495111	7:53:00	8:25:00	0.53	TMC	NA	Exploration
2017	Summer	2017-05-28	454	TEP-495111	10:25:00	10:39:00	0.23	TMC	NA	Exploration
2017	Summer	2017-05-28	454	TEP-495111	14:05:00	14:35:00	0.5	TMC	NA	Exploration
2017	Summer	2017-05-28	454	TEP-495111	12:29:00	12:38:00	0.15	TMC	NA	Exploration
2017	Summer	2017-05-28	454	TEP-495111	11:49:00	12:07:00	0.3	TMC	NA	Exploration
2017	Summer	2017-05-28	454	TEP-495111	8:46:00	9:06:00	0.33	TMC	NA	Exploration
2017	Summer	2017-05-28	452	MHE-343524	5:55:00	7:28:00	1.55	PaxLoc	NA	Road Cons
2017	Summer	2017-05-28	452	MHE-343524	18:28:00	19:05:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-05-28	452	MHE-343524	16:26:00	17:59:00	1.55	PaxLoc	NA	Road Cons
2017	Summer	2017-05-29	461	VRH-392338	13:33:00	14:04:00	0.52	PaxLoc	photos	Camp
2017	Summer	2017-05-29	459	TEP-495112	15:48:00	16:12:00	0.4	MbSing	NA	Camp
2017	Summer	2017-05-29	459	TEP-495112	10:56:00	11:27:00	0.52	Pax	NA	Camp
2017	Summer	2017-05-29	459	TEP-495112	10:17:00	10:55:00	0.63	MbSing	NA	Camp
2017	Summer	2017-05-29	459	TEP-495112	9:52:00	10:06:00	0.23	MbSing	NA	Camp
2017	Summer	2017-05-29	464	GVNX20170529	13:11:00	13:28:00	0.28	Pax	NA	Camp
2017	Summer	2017-05-29	461	VRH-392338	12:03:00	12:12:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	7:58:00	10:57:00	2.98	PaxLoc	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	7:58:00	10:57:00	2.98	DrillServ	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	7:27:00	7:41:00	0.23	DrillServ	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	7:27:00	7:41:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	6:00:00	6:22:00	0.37	CrewChg	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	4:58:00	5:46:00	0.8	DrillServ	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	4:58:00	5:46:00	0.8	Core	NA	Drillg
2017	Summer	2017-05-29	461	VRH-392338	13:33:00	14:04:00	0.52	DrillServ	NA	Drillg
2017	Summer	2017-05-29	458	JTI-789871	7:58:00	10:57:00	2.98	Move	NA	Drillg
2017	Summer	2017-05-29	461	VRH-392338	17:59:00	18:48:00	0.82	DrillServ	NA	Drillg
2017	Summer	2017-05-29	461	VRH-392338	15:01:00	17:42:00	2.68	Move	NA	Drillg
2017	Summer	2017-05-29	464	GVNX20170529	14:00:00	14:16:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-05-29	461	VRH-392338	17:59:00	18:48:00	0.82	CrewChg	NA	Drillg
2017	Summer	2017-05-29	461	VRH-392338	15:01:00	17:42:00	2.68	Core	NA	Drillg
2017	Summer	2017-05-29	461	VRH-392338	15:01:00	17:42:00	2.68	DrillServ	NA	Drillg
2017	Summer	2017-05-29	459	TEP-495112	13:30:00	14:24:00	0.9	AtRap	NA	Enviro
2017	Summer	2017-05-29	459	TEP-495112	11:35:00	13:02:00	1.45	AtRap	NA	Enviro
2017	Summer	2017-05-29	460	MHE-343525	5:54:00	7:36:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-05-29	460	MHE-343525	10:13:00	10:47:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-05-29	460	MHE-343525	13:35:00	14:12:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-05-29	460	MHE-343525	16:30:00	18:05:00	1.58	PaxLoc	NA	Road Cons
2017	Summer	2017-05-29	460	MHE-343525	18:25:00	19:04:00	0.65	PaxLoc	NA	Road Cons
2017	Summer	2017-05-30	472	GVNX20170530	12:58:00	13:16:00	0.3	Pax	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	12:36:00	12:51:00	0.25	Pax	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	14:17:00	14:34:00	0.28	Groc	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	9:00:00	9:18:00	0.3	Pax	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	12:12:00	12:30:00	0.3	Pax	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	13:22:00	13:38:00	0.27	Pax	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	9:25:00	9:40:00	0.25	Pax	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	8:14:00	8:34:00	0.33	MbSing	NA	Camp
2017	Summer	2017-05-30	472	GVNX20170530	8:44:00	8:56:00	0.2	Pax	NA	Camp
2017	Summer	2017-05-30	465	JTI-789872	5:00:00	6:09:00	1.15	Core	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	22:50:00	23:00:00	0.17	DrillServ	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	19:57:00	20:08:00	0.18	DrillServ	NA	Drillg
2017	Summer	2017-05-30	465	JTI-789872	5:00:00	6:09:00	1.15	DrillServ	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	17:45:00	18:29:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	17:45:00	18:29:00	0.73	CrewChg	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	16:56:00	17:40:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-05-30	472	GVNX20170530	15:10:00	15:26:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-05-30	465	JTI-789872	15:45:00	16:07:00	0.37	DrillServ	NA	Drillg
2017	Summer	2017-05-30	465	JTI-789872	15:45:00	16:07:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-05-30	465	JTI-789872	15:45:00	16:07:00	0.37	Move	NA	Drillg
2017	Summer	2017-05-30	465	JTI-789872	5:00:00	6:09:00	1.15	CrewChg	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	16:56:00	17:40:00	0.73	Core	NA	Drillg
2017	Summer	2017-05-30	469	VRH-392339	10:15:00	11:56:00	1.68	AtRap	NA	Enviro
2017	Summer	2017-05-30	477	MHE-517082	16:25:00	17:50:00	1.42	PaxLoc	NA	Road Cons
2017	Summer	2017-05-30	477	MHE-517082	18:28:00	18:59:00	0.52	PaxLoc	NA	Road Cons
2017	Summer	2017-05-30	462	MHE-343526	5:59:00	7:34:00	1.58	PaxLoc	NA	Road Cons
2017	Summer	2017-05-31	473	JTI-789873	11:20:00	11:31:00	0.18	PaxLoc	NA	AMQ study
2017	Summer	2017-05-31	474	GVNX20170531	8:16:00	8:33:00	0.28	Groc	NA	Camp
2017	Summer	2017-05-31	474	GVNX20170531	8:50:00	10:37:00	1.78	Pax	NA	Camp
2017	Summer	2017-05-31	473	JTI-789873	14:27:00	14:38:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	23:14:00	23:44:00	0.5	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	22:13:00	23:10:00	0.95	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	22:13:00	23:10:00	0.95	Move	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	21:36:00	21:54:00	0.3	Move	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	21:36:00	21:54:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	17:57:00	18:34:00	0.62	CrewChg	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	16:39:00	17:47:00	1.13	Core	NA	Drillg
2017	Summer	2017-05-31	474	GVNX20170531	14:40:00	14:56:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	14:05:00	14:13:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	11:20:00	11:31:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	9:17:00	9:25:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	8:09:00	8:19:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	5:58:00	7:14:00	1.27	DrillServ	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	5:58:00	7:14:00	1.27	Core	NA	Drillg
2017	Summer	2017-05-31	473	JTI-789873	5:58:00	7:14:00	1.27	CrewChg	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	16:39:00	17:47:00	1.13	DrillServ	NA	Drillg
2017	Summer	2017-05-31	476	VRH-392340	23:14:00	23:44:00	0.5	DrillServ	NA	Drillg
2017	Summer	2017-05-31	478	MHE-517083	5:58:00	7:41:00	1.72	PaxLoc	NA	Road Cons
2017	Summer	2017-05-31	478	MHE-517083	16:27:00	17:54:00	1.45	PaxLoc	NA	Road Cons
2017	Summer	2017-05-31	478	MHE-517083	18:29:00	19:02:00	0.55	PaxLoc	NA	Road Cons
2017	Summer	2017-06-01	490	GVNX20170601	9:31:00	9:47:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-01	490	GVNX20170601	9:10:00	9:25:00	0.25	Pax	NA	Camp
2017	Summer	2017-06-01	490	GVNX20170601	7:03:00	7:20:00	0.28	Pax	NA	Camp
2017	Summer	2017-06-01	490	GVNX20170601	12:56:00	13:12:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-01	487	JTI-789874	5:01:00	5:42:00	0.68	Core	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	16:53:00	17:33:00	0.67	DrillServ	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	21:43:00	23:58:00	2.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	487	JTI-789874	5:58:00	6:29:00	0.52	CrewChg	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	21:43:00	23:58:00	2.25	Move	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	21:19:00	21:38:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	21:19:00	21:38:00	0.32	Move	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	20:57:00	21:01:00	0.07	Move	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	19:57:00	20:05:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	19:31:00	19:36:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	19:14:00	19:20:00	0.1	PaxLoc	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-01	487	JTI-789874	5:01:00	5:42:00	0.68	DrillServ	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	17:53:00	18:44:00	0.85	CrewChg	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	16:53:00	17:33:00	0.67	Core	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	16:53:00	17:33:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	15:24:00	15:57:00	0.55	DrillServ	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	15:24:00	15:57:00	0.55	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	12:44:00	13:40:00	0.93	DrillServ	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	12:44:00	13:40:00	0.93	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	485	VRH-392341	17:53:00	18:44:00	0.85	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	487	JTI-789874	7:12:00	10:31:00	3.32	Move	NA	Drillg
2017	Summer	2017-06-01	487	JTI-789874	6:50:00	6:57:00	0.12	Move	NA	Drillg
2017	Summer	2017-06-01	487	JTI-789874	13:03:00	13:23:00	0.33	Move	NA	Drillg
2017	Summer	2017-06-01	487	JTI-789874	7:12:00	10:31:00	3.32	DrillServ	NA	Drillg
2017	Summer	2017-06-01	487	JTI-789874	7:12:00	10:31:00	3.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-01	490	GVNX20170601	10:10:00	10:25:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-06-01	489	MHE-517084	18:30:00	19:04:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-06-01	489	MHE-517084	5:58:00	7:31:00	1.55	PaxLoc	NA	Road Cons
2017	Summer	2017-06-01	489	MHE-517084	16:29:00	18:02:00	1.55	PaxLoc	NA	Road Cons
2017	Summer	2017-06-02	494	JTI-789875	13:42:00	14:42:00	1	MbSIng	NA	Camp
2017	Summer	2017-06-02	499	GVNX20170602	8:15:00	8:25:00	0.17	MbSIng	NA	Camp
2017	Summer	2017-06-02	494	JTI-789875	14:50:00	15:20:00	0.5	WinRoad	NA	Camp
2017	Summer	2017-06-02	499	GVNX20170602	7:18:00	7:35:00	0.28	Pax	NA	Camp
2017	Summer	2017-06-02	494	JTI-789875	9:31:00	9:49:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	13:42:00	14:42:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	9:31:00	9:49:00	0.3	DrillServ	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	8:52:00	9:07:00	0.25	DrillServ	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	8:52:00	9:07:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	7:04:00	7:20:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	5:55:00	6:26:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	5:55:00	6:26:00	0.52	CrewChg	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	10:17:00	10:29:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	4:55:00	5:27:00	0.53	Core	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	7:04:00	7:20:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	13:42:00	14:42:00	1	DrillServ	NA	Drillg
2017	Summer	2017-06-02	495	VRH-392342	16:07:00	16:45:00	0.63	PaxLoc	NA	Drillg
2017	Summer	2017-06-02	495	VRH-392342	16:07:00	16:45:00	0.63	DrillServ	NA	Drillg
2017	Summer	2017-06-02	495	VRH-392342	16:58:00	18:42:00	1.73	Move	NA	Drillg
2017	Summer	2017-06-02	495	VRH-392342	16:58:00	18:42:00	1.73	Core	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	13:42:00	14:42:00	1	Move	NA	Drillg
2017	Summer	2017-06-02	495	VRH-392342	16:58:00	18:42:00	1.73	DrillServ	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	10:36:00	12:10:00	1.57	DrillServ	NA	Drillg
2017	Summer	2017-06-02	495	VRH-392342	16:58:00	18:42:00	1.73	CrewChg	NA	Drillg
2017	Summer	2017-06-02	494	JTI-789875	10:36:00	12:10:00	1.57	Move	NA	Drillg
2017	Summer	2017-06-02	498	MHE-517085	5:55:00	7:37:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-06-02	498	MHE-517085	16:30:00	18:10:00	1.67	PaxLoc	NA	Road Cons
2017	Summer	2017-06-02	498	MHE-517085	18:27:00	19:07:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-06-03	502	VRH-392343	11:45:00	15:06:00	3.35	WinRoad	NA	Camp
2017	Summer	2017-06-03	502	VRH-392343	15:16:00	20:06:00	4.83	WinRoad	NA	Camp
2017	Summer	2017-06-03	502	VRH-392343	23:06:00	23:14:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	16:10:00	16:30:00	0.33	Move	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	15:16:00	20:06:00	4.83	Move	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	15:16:00	20:06:00	4.83	CrewChg	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	15:16:00	20:06:00	4.83	Core	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	15:16:00	20:06:00	4.83	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	15:16:00	20:06:00	4.83	DrillServ	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	20:16:00	21:27:00	1.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	15:27:00	15:37:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	20:16:00	21:27:00	1.18	DrillServ	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	11:03:00	11:39:00	0.6	Move	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	4:58:00	5:42:00	0.73	Core	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	4:58:00	5:42:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	5:58:00	6:27:00	0.48	CrewChg	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	5:58:00	6:27:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	6:58:00	7:06:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	7:18:00	7:34:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	7:18:00	7:34:00	0.27	Move	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	15:42:00	16:00:00	0.3	Move	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	7:43:00	10:31:00	2.8	Move	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	15:42:00	16:00:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	11:03:00	11:39:00	0.6	DrillServ	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	12:50:00	13:00:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	13:15:00	13:26:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	13:44:00	14:46:00	1.03	Move	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	13:44:00	14:46:00	1.03	DrillServ	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	13:44:00	14:46:00	1.03	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	502	VRH-392343	9:48:00	10:35:00	0.78	Move	NA	Drillg
2017	Summer	2017-06-03	500	JTI-787976	7:43:00	10:31:00	2.8	PaxLoc	NA	Drillg
2017	Summer	2017-06-03	501	ZRN-838738	13:11:00	13:50:00	0.65	PaxLoc	JDE 6134135.6210	Mines
2017	Summer	2017-06-03	507	MHE-517086	16:29:00	18:14:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-06-03	507	MHE-517086	9:21:00	10:24:00	1.05	PaxLoc	NA	Road Cons
2017	Summer	2017-06-03	507	MHE-517086	5:57:00	7:47:00	1.83	PaxLoc	NA	Road Cons
2017	Summer	2017-06-03	507	MHE-517086	18:29:00	19:03:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-06-04	513	JTI-799877	8:51:00	9:04:00	0.22	NA	NA	NA
2017	Summer	2017-06-04	514	GVNX20170604	7:45:00	8:00:00	0.25	Pax	NA	Camp
2017	Summer	2017-06-04	514	GVNX20170604	7:45:00	8:00:00	0.25	MbSIng	NA	Camp
2017	Summer	2017-06-04	513	JTI-799877	8:10:00	8:18:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	514	GVNX20170604	7:10:00	7:26:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	11:26:00	11:36:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	10:20:00	10:44:00	0.4	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	10:20:00	10:44:00	0.4	DrillServ	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	8:51:00	9:04:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	7:45:00	7:55:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	6:57:00	7:23:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	6:57:00	7:23:00	0.43	DrillServ	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:31:00	6:35:00	3.07	DrillServ	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:31:00	6:35:00	3.07	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:31:00	6:35:00	3.07	Core	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:31:00	6:35:00	3.07	CrewChg	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:31:00	6:35:00	3.07	Move	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:07:00	3:24:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	16:56:00	17:31:00	0.58	Core	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	9:13:00	9:27:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	513	JTI-799877	3:07:00	3:24:00	0.28	DrillServ	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	15:28:00	16:00:00	0.53	PaxLoc	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-04	509	VRH-392344	16:23:00	16:35:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	16:56:00	17:31:00	0.58	DrillServ	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	17:55:00	18:27:00	0.53	CrewChg	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	19:03:00	19:35:00	0.53	PaxLoc	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	21:48:00	23:07:00	1.32	Core	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	21:48:00	23:07:00	1.32	DrillServ	NA	Drillg
2017	Summer	2017-06-04	509	VRH-392344	21:48:00	23:07:00	1.32	Move	NA	Drillg
2017	Summer	2017-06-04	528	MHE-517087	5:57:00	7:43:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-06-04	528	MHE-517087	11:07:00	11:17:00	0.17	PaxLoc	NA	Road Cons
2017	Summer	2017-06-05	516	GVNX20170605	9:08:00	9:24:00	0.27	MbSIng	NA	Camp
2017	Summer	2017-06-05	516	GVNX20170605	8:40:00	8:56:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-05	516	GVNX20170605	9:46:00	10:02:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-05	516	GVNX20170605	13:22:00	13:38:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-05	516	GVNX20170605	16:04:00	16:20:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-05	516	GVNX20170605	16:04:00	16:20:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	5:58:00	7:24:00	1.43	CrewChg	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	5:58:00	7:24:00	1.43	Core	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	8:44:00	9:21:00	0.62	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	5:58:00	7:24:00	1.43	DrillServ	NA	Drillg
2017	Summer	2017-06-05	516	GVNX20170605	9:46:00	10:02:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	8:44:00	9:21:00	0.62	DrillServ	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	20:20:00	21:31:00	1.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	521	ZRN-838740	8:22:00	8:37:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	521	ZRN-838740	11:32:00	11:46:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	521	ZRN-838740	16:50:00	17:00:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	16:45:00	18:35:00	1.83	Core	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	16:45:00	18:35:00	1.83	CrewChg	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	15:27:00	15:32:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	16:45:00	18:35:00	1.83	DrillServ	NA	Drillg
2017	Summer	2017-06-05	521	ZRN-838740	13:16:00	13:28:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	20:20:00	21:31:00	1.18	Move	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	20:20:00	21:31:00	1.18	DrillServ	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	22:29:00	23:02:00	0.55	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	22:29:00	23:02:00	0.55	DrillServ	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	9:51:00	10:03:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	522	VRH-392345	16:45:00	18:35:00	1.83	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	521	ZRN-838740	17:42:00	17:52:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	10:33:00	10:53:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	14:39:00	14:52:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	13:41:00	13:48:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	14:02:00	14:11:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	520	JTI-789878	15:17:00	15:22:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-05	523	MHE-517088	13:39:00	14:10:00	0.52	PaxLoc	NA	Road Cons
2017	Summer	2017-06-05	523	MHE-517088	10:55:00	11:31:00	0.6	PaxLoc	NA	Road Cons
2017	Summer	2017-06-05	523	MHE-517088	16:28:00	19:00:00	2.53	PaxLoc	NA	Road Cons
2017	Summer	2017-06-06	525	ZRN-838741	13:23:00	14:14:00	0.85	Pax	NA	Camp
2017	Summer	2017-06-06	524	JTI-789879	9:17:00	10:21:00	1.07	Pax	NA	Camp
2017	Summer	2017-06-06	525	ZRN-838741	8:12:00	8:32:00	0.33	Pax	NA	Camp
2017	Summer	2017-06-06	525	ZRN-838741	8:42:00	9:08:00	0.43	Pax	NA	Camp
2017	Summer	2017-06-06	529	VHR-392346	13:04:00	14:07:00	1.05	Pax	NA	Camp
2017	Summer	2017-06-06	524	JTI-789879	17:52:00	8:36:00	9.27	Pax	NA	Camp
2017	Summer	2017-06-06	529	VHR-392346	22:03:00	22:13:00	0.17	Move	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	11:15:00	11:48:00	0.55	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	20:20:00	20:58:00	0.63	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	22:24:00	23:58:00	1.57	Move	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	22:24:00	23:58:00	1.57	DrillServ	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	9:17:00	10:21:00	1.07	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	8:50:00	8:57:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	4:48:00	6:57:00	2.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	3:09:00	9:19:00	6.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	17:57:00	18:39:00	0.7	CrewChg	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	16:29:00	17:30:00	1.02	DrillServ	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	16:29:00	17:30:00	1.02	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	16:29:00	17:30:00	1.02	Core	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	4:48:00	6:57:00	2.15	DrillServ	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	14:28:00	14:37:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	14:28:00	14:37:00	0.15	DrillServ	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	13:04:00	14:07:00	1.05	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	11:58:00	12:08:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-06	529	VHR-392346	11:15:00	11:48:00	0.55	DrillServ	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	4:48:00	6:57:00	2.15	Core	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	4:48:00	6:57:00	2.15	CrewChg	NA	Drillg
2017	Summer	2017-06-06	524	JTI-789879	3:42:00	3:54:00	0.2	DrillServ	NA	Drillg
2017	Summer	2017-06-06	530	MHE-517089	8:18:00	8:43:00	0.42	PaxLoc	NA	Road Cons
2017	Summer	2017-06-06	530	MHE-517089	16:27:00	19:15:00	2.8	PaxLoc	NA	Road Cons
2017	Summer	2017-06-06	530	MHE-517089	8:49:00	9:26:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-06-07	539	VRH-392347	10:00:00	10:21:00	0.35	Pax	NA	Camp
2017	Summer	2017-06-07	539	VRH-392347	11:29:00	11:35:00	0.1	Pax	NA	Camp
2017	Summer	2017-06-07	539	VRH-392347	13:13:00	13:54:00	0.68	Pax	NA	Camp
2017	Summer	2017-06-07	539	VRH-392347	14:14:00	15:00:00	0.77	Pax	NA	Camp
2017	Summer	2017-06-07	540	ZRN-838742	8:10:00	8:38:00	0.47	Pax	NA	Camp
2017	Summer	2017-06-07	540	ZRN-838742	8:53:00	10:01:00	1.13	Pax	NA	Camp
2017	Summer	2017-06-07	536	JTI-789880	13:14:00	14:10:00	0.93	Pax	NA	Camp
2017	Summer	2017-06-07	539	VRH-392347	10:37:00	11:21:00	0.73	Pax	NA	Camp
2017	Summer	2017-06-07	532	GVNX20170607	14:55:00	15:25:00	0.5	Pax	NA	Camp
2017	Summer	2017-06-07	536	JTI-789880	3:44:00	8:26:00	4.7	Core	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	10:26:00	10:32:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	14:14:00	15:00:00	0.77	Move	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	14:14:00	15:00:00	0.77	Move	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	15:07:00	18:48:00	3.68	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	15:07:00	18:48:00	3.68	Move	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	9:13:00	9:56:00	0.72	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	21:10:00	22:11:00	1.02	DrillServ	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	19:21:00	20:05:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	22:17:00	22:28:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	22:47:00	23:09:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	540	ZRN-838742	11:03:00	11:34:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	540	ZRN-838742	11:54:00	13:26:00	1.53	Move	NA	Drillg
2017	Summer	2017-06-07	540	ZRN-838742	13:46:00	16:20:00	2.57	Move	NA	Drillg
2017	Summer	2017-06-07	540	ZRN-838742	16:40:00	18:20:00	1.67	Move	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	3:16:00	3:27:00	0.18	DrillServ	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	3:33:00	3:39:00	0.1	Move	NA	Drillg
2017	Summer	2017-06-07	532	GVNX20170607	14:55:00	15:25:00	0.5	MegBag	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	9:13:00	9:56:00	0.72	Move	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-07	539	VRH-392347	15:07:00	18:48:00	3.68	DrillServ	NA	Drillg
2017	Summer	2017-06-07	539	VRH-392347	15:07:00	18:48:00	3.68	Core	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	3:44:00	8:26:00	4.7	DrillServ	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	3:44:00	8:26:00	4.7	Move	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	3:44:00	8:26:00	4.7	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	540	ZRN-838742	16:40:00	18:20:00	1.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	14:16:00	15:58:00	1.7	Move	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	14:16:00	15:58:00	1.7	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	13:14:00	14:10:00	0.93	Move	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	13:14:00	14:10:00	0.93	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	10:44:00	10:51:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	14:16:00	15:58:00	1.7	Move	NA	Drillg
2017	Summer	2017-06-07	536	JTI-789880	3:44:00	8:26:00	4.7	CrewChg	NA	Drillg
2017	Summer	2017-06-07	541	MHE-517090	9:57:00	10:34:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-07	541	MHE-517090	14:03:00	14:45:00	0.7	CrewChg	NA	Road Cons
2017	Summer	2017-06-07	541	MHE-517090	16:28:00	18:08:00	1.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-07	541	MHE-517090	18:28:00	19:08:00	0.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-07	541	MHE-517090	6:00:00	8:01:00	2.02	CrewChg	NA	Road Cons
2017	Summer	2017-06-08	551	GVNX20170608	7:15:00	12:15:00	5	Groc	NA	Camp
2017	Summer	2017-06-08	542	TEP-495122	7:49:00	8:25:00	0.6	Pax	NA	Camp
2017	Summer	2017-06-08	542	TEP-495122	8:30:00	8:55:00	0.42	Pax	NA	Camp
2017	Summer	2017-06-08	551	GVNX20170608	7:15:00	12:15:00	5	Pax	NA	Camp
2017	Summer	2017-06-08	551	GVNX20170608	7:15:00	12:15:00	5	MbSIng	NA	Camp
2017	Summer	2017-06-08	549	JTI-322797	7:50:00	8:51:00	1.02	Pax	NA	Camp
2017	Summer	2017-06-08	544	ZRN-612712	18:00:00	18:27:00	0.45	DrillServ	NA	Drillg
2017	Summer	2017-06-08	544	ZRN-612712	17:16:00	17:40:00	0.4	DrillServ	NA	Drillg
2017	Summer	2017-06-08	544	ZRN-612712	15:05:00	16:40:00	1.58	Move	NA	Drillg
2017	Summer	2017-06-08	544	ZRN-612712	13:54:00	14:58:00	1.07	Move	NA	Drillg
2017	Summer	2017-06-08	544	ZRN-612712	13:18:00	13:50:00	0.53	Move	NA	Drillg
2017	Summer	2017-06-08	543	ZRN-838743	8:25:00	10:18:00	1.88	Move	NA	Drillg
2017	Summer	2017-06-08	543	ZRN-838743	6:05:00	8:13:00	2.13	Move	NA	Drillg
2017	Summer	2017-06-08	543	ZRN-838743	6:05:00	8:13:00	2.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	21:05:00	23:29:00	2.4	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	551	GVNX20170608	7:15:00	12:15:00	5	MegBag	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	15:11:00	16:02:00	0.85	Move	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	15:11:00	16:02:00	0.85	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	14:30:00	14:45:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	13:32:00	13:47:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	11:39:00	11:52:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	9:58:00	10:03:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	9:11:00	9:24:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	5:05:00	7:42:00	2.62	CrewChg	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	5:05:00	7:42:00	2.62	Core	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	5:05:00	7:42:00	2.62	DrillServ	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	5:05:00	7:42:00	2.62	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	3:43:00	3:59:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	21:05:00	23:29:00	2.4	DrillServ	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	21:05:00	23:29:00	2.4	Move	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	20:34:00	20:44:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	20:06:00	20:19:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	16:47:00	19:07:00	2.33	Core	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	16:47:00	19:07:00	2.33	CrewChg	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	16:47:00	19:07:00	2.33	DrillServ	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	16:47:00	19:07:00	2.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	15:56:00	16:10:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	13:14:00	14:32:00	1.3	Move	NA	Drillg
2017	Summer	2017-06-08	548	VRH-392348	12:46:00	12:58:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	549	JTI-322797	16:27:00	16:38:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-08	545	TEP-310750	16:04:00	16:16:00	0.2	EnvArch	NA	Enviro
2017	Summer	2017-06-08	545	TEP-310750	16:40:00	18:13:00	1.55	EnvArch	NA	Enviro
2017	Summer	2017-06-08	545	TEP-310750	18:17:00	18:27:00	0.17	EnvArch	NA	Enviro
2017	Summer	2017-06-08	545	TEP-310750	14:09:00	14:28:00	0.32	EnvArch	NA	Enviro
2017	Summer	2017-06-08	551	GVNX20170608	7:15:00	12:15:00	5	EnvArch	Pick up in Rankin Inlet	Exploration
2017	Summer	2017-06-08	550	MHE-517091	6:00:00	8:10:00	2.17	CrewChg	NA	Road Cons
2017	Summer	2017-06-08	550	MHE-517091	16:28:00	18:05:00	1.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-08	550	MHE-517091	18:25:00	18:59:00	0.57	CrewChg	NA	Road Cons
2017	Summer	2017-06-09	556	VRH-392349	14:09:00	15:26:00	1.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	14:09:00	15:26:00	1.28	Move	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	12:59:00	14:00:00	1.02	DrillServ	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	10:39:00	11:54:00	1.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	15:55:00	16:03:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	12:59:00	14:00:00	1.02	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	558	ZRN-612713	7:51:00	8:08:00	0.28	DrillServ	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	4:17:00	4:26:00	0.15	Move	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	6:01:00	9:35:00	3.57	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	6:01:00	9:35:00	3.57	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	10:39:00	11:54:00	1.25	Move	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	6:01:00	9:35:00	3.57	CrewChg	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	4:35:00	5:50:00	1.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	4:35:00	5:50:00	1.25	Move	NA	Drillg
2017	Summer	2017-06-09	558	ZRN-612713	17:33:00	18:28:00	0.92	CrewChg	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	6:01:00	9:35:00	3.57	Move	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	3:20:00	4:00:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	23:12:00	23:27:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	18:57:00	22:20:00	3.38	DrillServ	NA	Drillg
2017	Summer	2017-06-09	557	JTI-322798	6:01:00	9:35:00	3.57	DrillServ	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	16:27:00	18:30:00	2.05	DrillServ	NA	Drillg
2017	Summer	2017-06-09	558	ZRN-612713	6:00:00	7:25:00	1.42	CrewChg	NA	Drillg
2017	Summer	2017-06-09	558	ZRN-612713	6:00:00	7:25:00	1.42	DrillServ	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	23:12:00	23:27:00	0.25	DrillServ	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	16:27:00	18:30:00	2.05	Core	NA	Drillg
2017	Summer	2017-06-09	558	ZRN-612713	17:33:00	18:28:00	0.92	Core	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	18:57:00	22:20:00	3.38	Move	NA	Drillg
2017	Summer	2017-06-09	556	VRH-392349	16:27:00	18:30:00	2.05	CrewChg	NA	Drillg
2017	Summer	2017-06-09	552	TEP-310751	6:13:00	6:34:00	0.35	EnvArch	NA	Enviro
2017	Summer	2017-06-09	552	TEP-310751	8:01:00	8:30:00	0.48	EnvArch	NA	Enviro
2017	Summer	2017-06-09	557	JTI-322798	6:01:00	9:35:00	3.57	TMC	NA	Exploration
2017	Summer	2017-06-09	556	VRH-392349	16:27:00	18:30:00	2.05	TMC	NA	Exploration
2017	Summer	2017-06-09	561	MHE-517092	16:28:00	18:08:00	1.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-09	561	MHE-517092	18:28:00	19:01:00	0.55	CrewChg	NA	Road Cons
2017	Summer	2017-06-09	561	MHE-517092	6:00:00	7:47:00	1.78	CrewChg	NA	Road Cons
2017	Summer	2017-06-10	566	GVNX20170610	10:00:00	10:36:00	0.6	MbSIng	NA	Camp
2017	Summer	2017-06-10	567	JTI-322799	6:52:00	5:24:00	1.47	PaxLoc	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-10	560	VRH-392350	22:34:00	23:00:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	566	GVNX20170610	10:00:00	10:36:00	0.6	MegBag	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	6:52:00	5:24:00	1.47	Core	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	10:41:00	10:46:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	12:54:00	13:44:00	0.83	Move	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	16:23:00	17:26:00	1.05	Core	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	14:13:00	15:02:00	0.82	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	14:13:00	15:02:00	0.82	Move	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	15:11:00	15:29:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	22:09:00	22:23:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	10:57:00	12:35:00	1.63	Move	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	6:52:00	5:24:00	1.47	DrillServ	NA	Drillg
2017	Summer	2017-06-10	559	ZRN-612714	17:31:00	18:25:00	0.9	DrillServ	NA	Drillg
2017	Summer	2017-06-10	559	ZRN-612714	17:31:00	18:25:00	0.9	CrewChg	NA	Drillg
2017	Summer	2017-06-10	559	ZRN-612714	7:46:00	8:02:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-06-10	559	ZRN-612714	6:00:00	7:03:00	1.05	DrillServ	NA	Drillg
2017	Summer	2017-06-10	559	ZRN-612714	6:00:00	7:03:00	1.05	Core	NA	Drillg
2017	Summer	2017-06-10	559	ZRN-612714	6:00:00	7:03:00	1.05	CrewChg	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	10:57:00	12:35:00	1.63	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	17:56:00	18:52:00	0.93	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	19:02:00	21:04:00	2.03	DrillServ	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	19:02:00	21:04:00	2.03	Move	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	19:02:00	21:04:00	2.03	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	5:57:00	6:43:00	0.77	CrewChg	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	12:54:00	13:44:00	0.83	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	7:45:00	8:24:00	0.65	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	16:23:00	17:26:00	1.05	DrillServ	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	17:56:00	18:52:00	0.93	CrewChg	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	7:45:00	8:24:00	0.65	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	8:33:00	9:20:00	0.78	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	9:35:00	11:48:00	2.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	9:35:00	11:48:00	2.22	Move	NA	Drillg
2017	Summer	2017-06-10	560	VRH-392350	16:23:00	17:26:00	1.05	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	5:57:00	6:43:00	0.77	PaxLoc	NA	Drillg
2017	Summer	2017-06-10	567	JTI-322799	8:33:00	9:20:00	0.78	TMC	NA	Exploration
2017	Summer	2017-06-10	567	JTI-322799	7:45:00	8:24:00	0.65	TMC	NA	Exploration
2017	Summer	2017-06-10	560	VRH-392350	16:23:00	17:26:00	1.05	TMC	NA	Exploration
2017	Summer	2017-06-10	562	MHE-517093	16:30:00	18:55:00	2.42	CrewChg	NA	Road Cons
2017	Summer	2017-06-10	562	MHE-517093	5:59:00	7:45:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-11	568	JTI-322800	14:08:00	16:34:00	2.43	WinRoad	Picket Cleanup	Camp
2017	Summer	2017-06-11	572	GVNX20170611	7:00:00	8:48:00	1.8	Pax	NA	Camp
2017	Summer	2017-06-11	568	JTI-322800	13:36:00	13:50:00	0.23	WinRoad	Picket Cleanup	Camp
2017	Summer	2017-06-11	572	GVNX20170611	7:00:00	8:48:00	1.8	MbSing	NA	Camp
2017	Summer	2017-06-11	607	ZRN-612715	6:02:00	7:42:00	1.67	CrewChg	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	17:59:00	18:37:00	0.63	CrewChg	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:03:00	4:14:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:47:00	8:16:00	3.48	CrewChg	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:47:00	8:16:00	3.48	DrillServ	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:47:00	8:16:00	3.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:19:00	4:35:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	12:35:00	14:48:00	2.22	Move	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	12:04:00	12:24:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	12:35:00	14:48:00	2.22	DrillServ	NA	Drillg
2017	Summer	2017-06-11	607	ZRN-612715	6:02:00	7:42:00	1.67	DrillServ	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:47:00	8:16:00	3.48	Move	NA	Drillg
2017	Summer	2017-06-11	607	ZRN-612715	13:56:00	14:05:00	0.15	DrillServ	NA	Drillg
2017	Summer	2017-06-11	607	ZRN-612715	14:32:00	14:39:00	0.12	DrillServ	NA	Drillg
2017	Summer	2017-06-11	607	ZRN-612715	17:16:00	18:18:00	1.03	CrewChg	NA	Drillg
2017	Summer	2017-06-11	607	ZRN-612715	17:16:00	18:18:00	1.03	DrillServ	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	8:38:00	8:54:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:47:00	8:16:00	3.48	DrillServ	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	4:47:00	8:16:00	3.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	568	JTI-322800	9:48:00	10:24:00	0.6	PaxLoc	Inc 0.2 to scare wolf	Drillg
2017	Summer	2017-06-11	569	VRH-392351	16:22:00	17:41:00	1.32	Core	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	16:22:00	17:41:00	1.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	16:22:00	17:41:00	1.32	DrillServ	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	12:35:00	14:48:00	2.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	22:08:00	23:58:00	1.83	Move	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	21:55:00	22:01:00	0.1	Move	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	21:30:00	21:42:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	21:07:00	21:26:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	15:24:00	15:56:00	0.53	PaxLoc	NA	Drillg
2017	Summer	2017-06-11	572	GVNX20170611	7:00:00	8:48:00	1.8	MegBag	NA	Drillg
2017	Summer	2017-06-11	569	VRH-392351	16:22:00	17:41:00	1.32	TMC	NA	Exploration
2017	Summer	2017-06-11	575	MHE-517094	13:19:00	14:52:00	1.55	PaxLoc	Recce	Road Cons
2017	Summer	2017-06-11	575	MHE-517094	6:00:00	7:57:00	1.95	CrewChg	NA	Road Cons
2017	Summer	2017-06-11	575	MHE-517094	16:29:00	18:14:00	1.75	CrewChg	NA	Road Cons
2017	Summer	2017-06-11	575	MHE-517094	18:25:00	19:00:00	0.58	CrewChg	NA	Road Cons
2017	Summer	2017-06-12	579	JTI-322801	14:01:00	16:35:00	2.57	WinRoad	Picket Cleanup	Camp
2017	Summer	2017-06-12	587	GVNX20170612	9:00:00	9:36:00	0.6	MbSing	NA	Camp
2017	Summer	2017-06-12	579	JTI-322801	13:26:00	13:58:00	0.53	WinRoad	Picket Cleanup	Camp
2017	Summer	2017-06-12	581	ZRN-612716	13:35:00	14:11:00	0.6	Pax	NA	Camp
2017	Summer	2017-06-12	576	VRH-392352	21:13:00	21:23:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	9:35:00	12:27:00	2.87	Move	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	9:35:00	12:27:00	2.87	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	9:16:00	9:23:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	8:04:00	8:54:00	0.83	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	5:04:00	6:36:00	1.53	CrewChg	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	17:48:00	18:28:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	581	ZRN-612716	6:03:00	6:18:00	0.25	CrewChg	NA	Drillg
2017	Summer	2017-06-12	581	ZRN-612716	8:19:00	11:50:00	3.52	Move	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	10:30:00	10:40:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	10:48:00	12:08:00	1.33	Move	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	13:12:00	13:21:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	13:29:00	14:37:00	1.13	Move	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	15:11:00	17:27:00	2.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	15:11:00	17:27:00	2.27	DrillServ	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	15:11:00	17:27:00	2.27	Core	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	3:22:00	4:06:00	0.73	Move	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	17:48:00	18:28:00	0.67	CrewChg	NA	Drillg
2017	Summer	2017-06-12	581	ZRN-612716	12:41:00	13:11:00	0.5	Move	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	3:22:00	4:06:00	0.73	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	587	GVNX20170612	9:00:00	9:36:00	0.6	MegBag	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	18:41:00	19:25:00	0.73	DrillServ	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-12	576	VRH-392352	18:41:00	19:25:00	0.73	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	576	VRH-392352	20:18:00	20:46:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	4:15:00	4:50:00	0.58	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	5:04:00	6:36:00	1.53	PaxLoc	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	5:04:00	6:36:00	1.53	DrillServ	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	5:04:00	6:36:00	1.53	DrillServ	NA	Drillg
2017	Summer	2017-06-12	581	ZRN-612716	18:16:00	18:43:00	0.45	CrewChg	NA	Drillg
2017	Summer	2017-06-12	579	JTI-322801	4:15:00	4:50:00	0.58	DrillServ	NA	Drillg
2017	Summer	2017-06-12	578	TEP-310754	16:12:00	16:41:00	0.48	EnvArch	NA	Enviro
2017	Summer	2017-06-12	578	TEP-310754	17:20:00	17:41:00	0.35	EnvArch	NA	Enviro
2017	Summer	2017-06-12	578	TEP-310754	14:45:00	15:16:00	0.52	EnvArch	NA	Enviro
2017	Summer	2017-06-12	576	VRH-392352	15:11:00	17:27:00	2.27	TMC	NA	Exploration
2017	Summer	2017-06-12	582	MHE-517095	16:29:00	18:08:00	1.65	CrewChg	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	15:02:00	15:11:00	0.15	PaxLoc	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	14:19:00	14:44:00	0.42	PaxLoc	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	13:19:00	13:46:00	0.45	CrewChg	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	15:14:00	15:38:00	0.4	PaxLoc	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	18:27:00	19:00:00	0.55	CrewChg	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	5:59:00	7:45:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-12	582	MHE-517095	9:44:00	10:17:00	0.55	CrewChg	NA	Road Cons
2017	Summer	2017-06-13	588	GVNX20170613	8:00:00	10:24:00	2.4	Pax	NA	Camp
2017	Summer	2017-06-13	586	VRH-392353	21:40:00	23:58:00	2.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	16:42:00	18:45:00	2.05	Core	NA	Drillg
2017	Summer	2017-06-13	588	GVNX20170613	8:00:00	10:24:00	2.4	MegBag	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	16:42:00	18:45:00	2.05	CrewChg	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	21:10:00	21:27:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	21:10:00	21:27:00	0.28	Move	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	16:42:00	18:45:00	2.05	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	21:40:00	23:58:00	2.3	DrillServ	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	16:42:00	18:45:00	2.05	DrillServ	NA	Drillg
2017	Summer	2017-06-13	595	ZRN-612717	16:46:00	17:00:00	0.23	CrewChg	NA	Drillg
2017	Summer	2017-06-13	595	ZRN-612717	13:05:00	13:22:00	0.28	DrillServ	NA	Drillg
2017	Summer	2017-06-13	595	ZRN-612717	10:37:00	10:47:00	0.17	DrillServ	NA	Drillg
2017	Summer	2017-06-13	595	ZRN-612717	9:10:00	9:19:00	0.15	DrillServ	NA	Drillg
2017	Summer	2017-06-13	595	ZRN-612717	7:38:00	8:26:00	0.8	DrillServ	NA	Drillg
2017	Summer	2017-06-13	595	ZRN-612717	6:10:00	6:38:00	0.47	CrewChg	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	21:40:00	23:58:00	2.3	Move	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	5:59:00	7:20:00	1.35	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	20:28:00	20:33:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	13:54:00	15:12:00	1.3	Move	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	5:07:00	5:41:00	0.57	Core	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	5:59:00	7:20:00	1.35	DrillServ	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	5:07:00	5:41:00	0.57	DrillServ	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	7:42:00	9:58:00	2.27	DrillServ	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	7:42:00	9:58:00	2.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	7:42:00	9:58:00	2.27	Move	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	10:18:00	10:28:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	11:25:00	11:41:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	12:06:00	12:16:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	586	VRH-392353	13:42:00	13:48:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-06-13	585	JTI-322802	5:59:00	7:20:00	1.35	CrewChg	NA	Drillg
2017	Summer	2017-06-13	589	TEP-310755	13:28:00	13:41:00	0.22	EnvArch	NA	Enviro
2017	Summer	2017-06-13	589	TEP-310755	11:50:00	12:05:00	0.25	EnvArch	NA	Enviro
2017	Summer	2017-06-13	589	TEP-310755	9:52:00	10:07:00	0.25	EnvArch	NA	Enviro
2017	Summer	2017-06-13	589	TEP-310755	16:39:00	16:58:00	0.32	EnvArch	NA	Enviro
2017	Summer	2017-06-13	589	TEP-310755	7:07:00	7:19:00	0.2	EnvArch	NA	Enviro
2017	Summer	2017-06-13	589	TEP-310755	15:32:00	15:50:00	0.3	EnvArch	NA	Enviro
2017	Summer	2017-06-13	585	JTI-322802	7:42:00	9:58:00	2.27	TMC	NA	Exploration
2017	Summer	2017-06-13	590	MHE-517096	6:03:00	8:04:00	2.02	CrewChg	NA	Road Cons
2017	Summer	2017-06-13	590	MHE-517096	16:28:00	16:12:00	0.27	CrewChg	NA	Road Cons
2017	Summer	2017-06-13	590	MHE-517096	18:30:00	19:04:00	0.57	CrewChg	NA	Road Cons
2017	Summer	2017-06-14	625	GVNX20170614	8:00:00	9:12:00	1.2	Pax	NA	Camp
2017	Summer	2017-06-14	625	GVNX20170614	8:00:00	9:12:00	1.2	MbSIng	NA	Camp
2017	Summer	2017-06-14	591	TEP-310756	14:32:00	16:12:00	1.67	Pax	NA	Camp
2017	Summer	2017-06-14	596	ZRN-612718	14:36:00	15:16:00	0.67	Pax	NA	Camp
2017	Summer	2017-06-14	596	ZRN-612718	6:30:00	6:46:00	0.27	CrewChg	NA	Drillg
2017	Summer	2017-06-14	596	ZRN-612718	17:13:00	18:25:00	1.2	CrewChg	NA	Drillg
2017	Summer	2017-06-14	596	ZRN-612718	17:13:00	18:25:00	1.2	DrillServ	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	10:44:00	12:02:00	1.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	12:15:00	13:33:00	1.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	12:15:00	13:33:00	1.3	Move	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	10:44:00	12:02:00	1.3	DrillServ	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	15:43:00	16:53:00	1.17	DrillServ	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	10:13:00	11:43:00	1.5	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	15:43:00	16:53:00	1.17	Move	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	15:43:00	16:53:00	1.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	14:19:00	15:38:00	1.32	Move	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	11:53:00	12:14:00	0.35	Move	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	10:13:00	11:43:00	1.5	Move	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	9:42:00	10:00:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	7:53:00	8:47:00	0.9	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	7:53:00	8:47:00	0.9	DrillServ	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	4:55:00	7:15:00	2.33	CrewChg	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	4:55:00	7:15:00	2.33	Core	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	4:55:00	7:15:00	2.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	17:57:00	18:46:00	0.82	CrewChg	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	17:04:00	17:41:00	0.62	Core	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	14:01:00	14:11:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	4:55:00	7:15:00	2.33	DrillServ	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	17:04:00	17:41:00	0.62	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	20:05:00	20:21:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	20:33:00	22:40:00	2.12	Move	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	20:33:00	22:40:00	2.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	22:55:00	23:12:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	597	VRH-325462	23:34:00	23:47:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	3:22:00	3:45:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	3:54:00	4:34:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-14	598	JTI-322803	7:53:00	8:47:00	0.9	TMC	NA	Exploration
2017	Summer	2017-06-14	597	VRH-325462	15:43:00	16:53:00	1.17	TMC	NA	Exploration
2017	Summer	2017-06-14	597	VRH-325462	10:44:00	12:02:00	1.3	TMC	NA	Exploration
2017	Summer	2017-06-14	597	VRH-325462	14:44:00	14:58:00	0.23	PaxLoc	NA	Prospection
2017	Summer	2017-06-14	594	MHE-517097	16:24:00	18:13:00	1.82	CrewChg	NA	Road Cons
2017	Summer	2017-06-14	594	MHE-517097	18:26:00	19:07:00	0.68	CrewChg	NA	Road Cons
2017	Summer	2017-06-14	594	MHE-517097	12:52:00	13:23:00	0.52	CrewChg	NA	Road Cons

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-14	594	MHE-517097	7:17:00	7:58:00	0.68	CrewChg	NA	Road Cons
2017	Summer	2017-06-14	594	MHE-517097	6:00:00	7:06:00	1.1	CrewChg	NA	Road Cons
2017	Summer	2017-06-14	594	MHE-517097	9:55:00	10:28:00	0.55	CrewChg	NA	Road Cons
2017	Summer	2017-06-15	626	GVNX02170615	8:00:00	9:12:00	1.2	MegBag	NA	Camp
2017	Summer	2017-06-15	626	GVNX02170615	8:00:00	9:12:00	1.2	Pax	NA	Camp
2017	Summer	2017-06-15	629	LYG-007034	8:22:00	8:58:00	0.6	Pax	NA	Camp
2017	Summer	2017-06-15	629	LYG-007034	9:12:00	9:21:00	0.15	Pax	NA	Camp
2017	Summer	2017-06-15	629	LYG-007034	10:28:00	10:56:00	0.47	Pax	NA	Camp
2017	Summer	2017-06-15	626	GVNX02170615	8:00:00	9:12:00	1.2	MbSing	NA	Camp
2017	Summer	2017-06-15	603	TEP-310757	16:33:00	17:05:00	0.53	PaxLoc	NA	Camp
2017	Summer	2017-06-15	600	VRH-325463	23:30:00	23:59:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	9:10:00	11:18:00	2.13	Move	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	5:15:00	5:42:00	0.45	DrillServ	NA	Drillg
2017	Summer	2017-06-15	601	ZRN-612719	6:01:00	6:43:00	0.7	CrewChg	NA	Drillg
2017	Summer	2017-06-15	601	ZRN-612719	17:05:00	18:45:00	1.67	DrillServ	NA	Drillg
2017	Summer	2017-06-15	601	ZRN-612719	17:05:00	18:45:00	1.67	CrewChg	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	3:24:00	4:26:00	1.03	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	3:24:00	4:26:00	1.03	Move	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	23:30:00	23:59:00	0.48	DrillServ	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	5:15:00	5:42:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	9:10:00	11:18:00	2.13	Move	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	5:59:00	8:59:00	3	Move	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	5:59:00	8:59:00	3	CrewChg	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	5:59:00	8:59:00	3	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	9:10:00	11:18:00	2.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	9:10:00	11:18:00	2.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	21:39:00	23:36:00	1.95	Move	NA	Drillg
2017	Summer	2017-06-15	605	JTI-322804	5:59:00	8:59:00	3	Core	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	15:02:00	15:29:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	18:56:00	19:10:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	13:11:00	14:20:00	1.15	Move	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	13:11:00	14:20:00	1.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	21:39:00	23:36:00	1.95	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	15:48:00	16:06:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	15:48:00	16:06:00	0.3	Move	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	16:35:00	17:46:00	1.18	DrillServ	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	16:35:00	17:46:00	1.18	Core	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	17:57:00	18:44:00	0.78	CrewChg	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	17:57:00	18:44:00	0.78	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	19:24:00	21:24:00	2	Move	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	11:55:00	12:06:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-15	600	VRH-325463	19:24:00	21:24:00	2	DrillServ	NA	Drillg
2017	Summer	2017-06-15	603	TEP-310757	10:11:00	11:35:00	1.4	EnvWild	NA	Enviro
2017	Summer	2017-06-15	600	VRH-325463	16:35:00	17:46:00	1.18	EnvWild	NA	Enviro
2017	Summer	2017-06-15	603	TEP-310757	6:59:00	7:35:00	0.6	EnvWild	NA	Enviro
2017	Summer	2017-06-15	603	TEP-310757	7:32:00	10:03:00	2.52	EnvWild	NA	Enviro
2017	Summer	2017-06-15	600	VRH-325463	16:35:00	17:46:00	1.18	TMC	NA	Exploration
2017	Summer	2017-06-15	605	JTI-322804	5:59:00	8:59:00	3	TMC	NA	Exploration
2017	Summer	2017-06-15	605	JTI-322804	5:59:00	8:59:00	3	PaxLoc	NA	Prospection
2017	Summer	2017-06-15	600	VRH-325463	15:02:00	15:29:00	0.45	PaxLoc	NA	Prospection
2017	Summer	2017-06-15	604	MHE-517098	16:27:00	18:14:00	1.78	CrewChg	NA	Road Cons
2017	Summer	2017-06-15	604	MHE-517098	18:25:00	19:05:00	0.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-15	604	MHE-517098	5:59:00	7:45:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-16	612	ZRN-612720	8:00:00	8:22:00	0.37	PaxLoc	ZRN/JTI Swap	Camp
2017	Summer	2017-06-16	614	GVNX20170616	10:25:00	11:37:00	1.2	MbSing	NA	Camp
2017	Summer	2017-06-16	616	VRH-325464	14:33:00	15:04:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	612	ZRN-612720	5:36:00	7:21:00	1.75	CrewChg	NA	Drillg
2017	Summer	2017-06-16	612	ZRN-612720	5:36:00	7:21:00	1.75	DrillServ	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	8:51:00	9:17:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	9:35:00	12:20:00	2.75	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	9:35:00	12:20:00	2.75	Move	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	9:35:00	12:20:00	2.75	DrillServ	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	14:22:00	14:53:00	0.52	Move	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	15:16:00	16:36:00	1.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	614	GVNX20170616	10:25:00	11:37:00	1.2	MegBag	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	13:29:00	13:45:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	613	ZRN-411683	15:16:00	16:36:00	1.33	Move	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	16:32:00	17:47:00	1.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	16:32:00	17:47:00	1.25	Core	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	16:32:00	17:47:00	1.25	DrillServ	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	Core	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	DrillServ	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	Move	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	CrewChg	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	21:51:00	22:04:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	11:28:00	11:45:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	606	JTI-322805	5:10:00	8:15:00	3.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	606	JTI-322805	5:10:00	8:15:00	3.08	Core	NA	Drillg
2017	Summer	2017-06-16	609	JTI-949787	12:19:00	13:36:00	1.28	Move	NA	Drillg
2017	Summer	2017-06-16	606	JTI-322805	5:10:00	8:15:00	3.08	DrillServ	NA	Drillg
2017	Summer	2017-06-16	606	JTI-322805	3:36:00	4:36:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	609	JTI-949787	11:33:00	11:39:00	0.1	Move	NA	Drillg
2017	Summer	2017-06-16	606	JTI-322805	5:10:00	8:15:00	3.08	CrewChg	NA	Drillg
2017	Summer	2017-06-16	609	JTI-949787	11:49:00	11:58:00	0.15	Move	NA	Drillg
2017	Summer	2017-06-16	609	JTI-949787	17:57:00	18:21:00	0.4	CrewChg	NA	Drillg
2017	Summer	2017-06-16	609	JTI-949787	15:42:00	17:29:00	1.78	Move	NA	Drillg
2017	Summer	2017-06-16	609	JTI-949787	14:10:00	15:29:00	1.32	Move	NA	Drillg
2017	Summer	2017-06-16	606	JTI-322805	5:10:00	8:15:00	3.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	EnvWild	NA	Enviro
2017	Summer	2017-06-16	609	JTI-949787	9:28:00	9:58:00	0.5	EnvWild	NA	Enviro
2017	Summer	2017-06-16	630	LYG-007035	9:33:00	10:06:00	0.55	EnvWild	NA	Enviro
2017	Summer	2017-06-16	606	JTI-322805	5:10:00	8:15:00	3.08	TMC	NA	Exploration
2017	Summer	2017-06-16	616	VRH-325464	17:56:00	20:59:00	3.05	PaxLoc	NA	Prospection
2017	Summer	2017-06-16	613	ZRN-411683	14:22:00	14:53:00	0.52	PaxLoc	NA	Prospection
2017	Summer	2017-06-16	610	MHE-517099	18:27:00	19:07:00	0.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-16	610	MHE-517099	16:28:00	18:12:00	1.73	CrewChg	NA	Road Cons
2017	Summer	2017-06-16	610	MHE-517099	5:58:00	7:44:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-17	627	GVNX20170617	7:10:00	9:00:00	1.83	MbSing	NA	Camp
2017	Summer	2017-06-17	631	LYG-653076	8:56:00	9:15:00	0.32	MbSing	Full Cargo Loads	Camp
2017	Summer	2017-06-17	631	LYG-653076	11:26:00	11:59:00	0.55	MbSing	Full Cargo Loads	Camp
2017	Summer	2017-06-17	627	GVNX20170617	7:10:00	9:00:00	1.83	Pax	NA	Camp
2017	Summer	2017-06-17	631	LYG-653076	9:34:00	11:17:00	1.72	MbSing	Full Cargo Loads	Camp
2017	Summer	2017-06-17	631	LYG-653076	12:59:00	16:57:00	3.97	MbSing	Full Cargo Loads	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-17	628	ZRN-411684	10:00:00	11:00:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	16:00:00	16:26:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	15:56:00	17:44:00	1.8	Core	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	15:07:00	15:20:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	15:56:00	17:44:00	1.8	DrillServ	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	17:57:00	18:48:00	0.85	CrewChg	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	17:57:00	18:48:00	0.85	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	19:26:00	22:21:00	2.92	DrillServ	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	19:26:00	22:21:00	2.92	Move	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	10:56:00	11:43:00	0.78	MbSlng	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	5:07:00	7:07:00	2	CrewChg	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	17:21:00	18:23:00	1.03	DrillServ	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	7:45:00	8:31:00	0.77	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	11:08:00	11:24:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	10:04:00	10:27:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	23:04:00	23:21:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	5:07:00	7:07:00	2	Core	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	5:07:00	7:07:00	2	DrillServ	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	19:26:00	22:21:00	2.92	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	9:25:00	9:57:00	0.53	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	5:57:00	6:22:00	0.42	CrewChg	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	17:00:00	17:05:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	17:21:00	18:23:00	1.03	CrewChg	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	10:00:00	11:00:00	1	Move	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	13:10:00	14:04:00	0.9	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	14:51:00	15:13:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	620	JTI-964663	9:25:00	9:57:00	0.53	DrillServ	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	13:32:00	14:07:00	0.58	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	15:07:00	15:30:00	0.38	Move	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	15:07:00	15:30:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	15:40:00	17:10:00	1.5	Move	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	15:40:00	17:10:00	1.5	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	628	ZRN-411684	11:22:00	11:49:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-06-17	624	VRH-325465	15:56:00	17:44:00	1.8	EnvWild	NA	Enviro
2017	Summer	2017-06-17	624	VRH-325465	15:56:00	17:44:00	1.8	PaxLoc	Ryan Vanegan Geochimie	Enviro
2017	Summer	2017-06-17	624	VRH-325465	13:10:00	14:04:00	0.9	EnvWild	NA	Enviro
2017	Summer	2017-06-17	624	VRH-325465	15:56:00	17:44:00	1.8	LocSlng	Ryan Vanegan Geochimie	Enviro
2017	Summer	2017-06-17	631	LYG-653076	7:40:00	8:15:00	0.58	EnvWild	NA	Enviro
2017	Summer	2017-06-17	628	ZRN-411684	7:45:00	8:31:00	0.77	TMC	NA	Exploration
2017	Summer	2017-06-17	624	VRH-325465	15:56:00	17:44:00	1.8	TMC	NA	Exploration
2017	Summer	2017-06-17	628	ZRN-411684	10:00:00	11:00:00	1	TMC	NA	Exploration
2017	Summer	2017-06-17	628	ZRN-411684	13:32:00	14:07:00	0.58	TMC	NA	Exploration
2017	Summer	2017-06-17	628	ZRN-411684	7:45:00	8:31:00	0.77	PaxLoc	NA	Prospection
2017	Summer	2017-06-17	624	VRH-325465	14:51:00	15:13:00	0.37	PaxLoc	NA	Prospection
2017	Summer	2017-06-17	623	MHE-517100	5:59:00	7:47:00	1.8	CrewChg	NA	Road Cons
2017	Summer	2017-06-17	623	MHE-517100	18:24:00	19:04:00	0.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-17	623	MHE-517100	16:27:00	18:10:00	1.72	CrewChg	NA	Road Cons
2017	Summer	2017-06-18	637	VRH-325466	15:22:00	15:47:00	0.42	PaxLoc	NA	AMQ study
2017	Summer	2017-06-18	637	VRH-325466	13:35:00	13:46:00	0.18	PaxLoc	NA	AMQ study
2017	Summer	2017-06-18	635	ZRN-411685	10:04:00	11:00:00	0.93	PaxLoc	NA	Camp
2017	Summer	2017-06-18	636	GVNX20170618	11:35:00	12:10:00	0.58	MegBag	NA	Camp
2017	Summer	2017-06-18	640	LYG-007037	7:47:00	11:12:00	3.42	MbSlng	NA	Camp
2017	Summer	2017-06-18	640	LYG-007037	7:47:00	11:12:00	3.42	Pax	NA	Camp
2017	Summer	2017-06-18	635	ZRN-411685	11:58:00	12:43:00	0.75	DrillServ	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	11:15:00	11:31:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	14:56:00	15:06:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	15:22:00	15:47:00	0.42	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	15:22:00	15:47:00	0.42	DrillServ	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	15:58:00	16:34:00	0.6	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	16:46:00	17:38:00	0.87	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	16:46:00	17:38:00	0.87	Core	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	16:46:00	17:38:00	0.87	DrillServ	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	11:58:00	12:43:00	0.75	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	20:25:00	20:54:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	21:03:00	21:14:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	21:54:00	22:05:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	638	JTI-964664	6:10:00	6:41:00	0.52	CrewChg	NA	Drillg
2017	Summer	2017-06-18	638	JTI-964664	6:10:00	6:41:00	0.52	DrillServ	NA	Drillg
2017	Summer	2017-06-18	640	LYG-007037	14:34:00	14:56:00	0.37	MbSlng	NA	Drillg
2017	Summer	2017-06-18	638	JTI-964664	18:00:00	18:24:00	0.4	CrewChg	NA	Drillg
2017	Summer	2017-06-18	638	JTI-964664	6:56:00	7:36:00	0.67	Move	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	17:57:00	18:43:00	0.77	CrewChg	NA	Drillg
2017	Summer	2017-06-18	638	JTI-964664	8:01:00	8:12:00	0.18	DrillServ	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	Move	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	10:04:00	11:00:00	0.93	Move	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	3:39:00	3:57:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	DrillServ	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	DrillServ	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	Core	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	CrewChg	NA	Drillg
2017	Summer	2017-06-18	637	VRH-325466	15:58:00	16:34:00	0.6	EnvWild	NA	Enviro
2017	Summer	2017-06-18	640	LYG-007037	7:47:00	11:12:00	3.42	EnvWild	NA	Enviro
2017	Summer	2017-06-18	636	GVNX20170618	11:35:00	12:10:00	0.58	EnvWild	Wildlife crew return (rather than 1.2hr helico)	Enviro
2017	Summer	2017-06-18	639	TEP-310760	8:13:00	11:11:00	2.97	EnvWild	NA	Enviro
2017	Summer	2017-06-18	635	ZRN-411685	11:58:00	12:43:00	0.75	TMC	NA	Exploration
2017	Summer	2017-06-18	637	VRH-325466	15:58:00	16:34:00	0.6	TMC	NA	Exploration
2017	Summer	2017-06-18	635	ZRN-411685	10:04:00	11:00:00	0.93	TMC	NA	Exploration
2017	Summer	2017-06-18	635	ZRN-411685	4:13:00	9:25:00	5.2	TMC	NA	Exploration
2017	Summer	2017-06-18	634	MHE-517101	5:58:00	7:44:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-18	634	MHE-517101	16:25:00	18:06:00	1.68	CrewChg	NA	Road Cons
2017	Summer	2017-06-18	634	MHE-517101	18:23:00	19:00:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-19	646	GVNX20170619	9:50:00	11:00:00	1.17	Pax	NA	Camp
2017	Summer	2017-06-19	646	GVNX20170619	9:50:00	11:00:00	1.17	MegBag	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	16:52:00	17:27:00	0.58	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	21:15:00	21:20:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	13:16:00	13:42:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	13:53:00	15:33:00	1.67	DrillServ	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	13:53:00	15:33:00	1.67	Move	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-19	644	VRH-325467	13:53:00	15:33:00	1.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	647	JTI-964665	6:04:00	7:17:00	1.22	CrewChg	NA	Drillg
2017	Summer	2017-06-19	647	JTI-964665	17:09:00	18:22:00	1.22	DrillServ	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	16:52:00	17:27:00	0.58	Core	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	17:57:00	19:09:00	1.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	17:57:00	19:09:00	1.2	CrewChg	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	17:57:00	19:09:00	1.2	DrillServ	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	20:21:00	20:35:00	0.23	DrillServ	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	15:48:00	15:57:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	10:08:00	12:08:00	2	Move	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	16:52:00	17:27:00	0.58	DrillServ	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	10:08:00	12:08:00	2	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	10:08:00	12:08:00	2	DrillServ	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	7:03:00	8:20:00	1.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	8:41:00	10:36:00	1.92	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	8:41:00	10:36:00	1.92	DrillServ	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	21:30:00	23:11:00	1.68	DrillServ	NA	Drillg
2017	Summer	2017-06-19	647	JTI-964665	6:04:00	7:17:00	1.22	DrillServ	NA	Drillg
2017	Summer	2017-06-19	647	JTI-964665	17:09:00	18:22:00	1.22	CrewChg	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	7:03:00	8:20:00	1.28	CrewChg	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	7:03:00	8:20:00	1.28	DrillServ	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	3:43:00	6:18:00	2.58	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	3:43:00	6:18:00	2.58	Move	NA	Drillg
2017	Summer	2017-06-19	644	VRH-325467	21:30:00	23:11:00	1.68	Move	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	3:14:00	3:34:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	3:43:00	6:18:00	2.58	DrillServ	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	3:43:00	6:18:00	2.58	CrewChg	NA	Drillg
2017	Summer	2017-06-19	645	ZRN-411686	8:41:00	10:36:00	1.92	Move	NA	Drillg
2017	Summer	2017-06-19	648	LYG-007038	15:47:00	15:57:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	10:33:00	11:03:00	0.5	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	16:29:00	16:44:00	0.25	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	7:44:00	8:02:00	0.3	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	14:38:00	15:04:00	0.43	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	8:32:00	8:54:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	11:25:00	12:01:00	0.6	EnvWild	NA	Enviro
2017	Summer	2017-06-19	648	LYG-007038	9:39:00	9:55:00	0.27	EnvWild	NA	Enviro
2017	Summer	2017-06-19	645	ZRN-411686	7:03:00	8:20:00	1.28	TMC	NA	Exploration
2017	Summer	2017-06-19	644	VRH-325467	16:27:00	16:38:00	0.18	TMC	NA	Exploration
2017	Summer	2017-06-19	642	MHE-517102	5:55:00	7:23:00	1.47	CrewChg	NA	Road Cons
2017	Summer	2017-06-19	642	MHE-517102	18:25:00	19:04:00	0.65	CrewChg	NA	Road Cons
2017	Summer	2017-06-19	642	MHE-517102	16:25:00	17:35:00	1.17	CrewChg	NA	Road Cons
2017	Summer	2017-06-19	642	MHE-517102	13:13:00	13:50:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-19	642	MHE-517102	9:26:00	10:02:00	0.6	CrewChg	NA	Road Cons
2017	Summer	2017-06-20	655	GVNX20170620	8:00:00	9:48:00	1.8	Pax	NA	Camp
2017	Summer	2017-06-20	655	GVNX20170620	8:00:00	9:48:00	1.8	MbSIng	NA	Camp
2017	Summer	2017-06-20	649	VRH-325468	16:09:00	17:26:00	1.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-20	657	ZRN-411687	7:07:00	8:20:00	1.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-20	655	GVNX20170620	8:00:00	9:48:00	1.8	MegBag	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	17:48:00	18:35:00	0.78	CrewChg	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	16:09:00	17:26:00	1.28	Core	NA	Drillg
2017	Summer	2017-06-20	657	ZRN-411687	5:03:00	6:51:00	1.8	CrewChg	NA	Drillg
2017	Summer	2017-06-20	657	ZRN-411687	5:03:00	6:51:00	1.8	DrillServ	NA	Drillg
2017	Summer	2017-06-20	657	ZRN-411687	5:03:00	6:51:00	1.8	Core	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	16:09:00	17:26:00	1.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	15:25:00	15:42:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-20	657	ZRN-411687	7:07:00	8:20:00	1.22	DrillServ	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	21:38:00	22:04:00	0.43	DrillServ	NA	Drillg
2017	Summer	2017-06-20	653	JTI-964666	18:01:00	18:28:00	0.45	CrewChg	NA	Drillg
2017	Summer	2017-06-20	653	JTI-964666	11:22:00	14:44:00	3.37	Move	NA	Drillg
2017	Summer	2017-06-20	653	JTI-964666	18:01:00	18:28:00	0.45	DrillServ	NA	Drillg
2017	Summer	2017-06-20	653	JTI-964666	10:55:00	11:07:00	0.2	Move	NA	Drillg
2017	Summer	2017-06-20	653	JTI-964666	5:56:00	6:59:00	1.05	DrillServ	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	21:38:00	22:04:00	0.43	DrillServ	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	20:15:00	21:09:00	0.9	PaxLoc	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	20:15:00	21:09:00	0.9	DrillServ	NA	Drillg
2017	Summer	2017-06-20	649	VRH-325468	17:48:00	18:35:00	0.78	PaxLoc	NA	Drillg
2017	Summer	2017-06-20	653	JTI-964666	5:56:00	6:59:00	1.05	CrewChg	NA	Drillg
2017	Summer	2017-06-20	656	LYG-007039	15:17:00	15:46:00	0.48	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	17:09:00	17:33:00	0.4	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	10:38:00	10:58:00	0.33	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	14:36:00	14:58:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	9:10:00	9:22:00	0.2	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	13:12:00	14:00:00	0.8	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	6:43:00	7:27:00	0.73	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	9:46:00	9:55:00	0.15	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	10:08:00	10:15:00	0.12	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	11:45:00	12:26:00	0.68	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	16:11:00	16:22:00	0.18	EnvWild	NA	Enviro
2017	Summer	2017-06-20	656	LYG-007039	8:14:00	8:42:00	0.47	EnvWild	NA	Enviro
2017	Summer	2017-06-20	649	VRH-325468	16:09:00	17:26:00	1.28	TMC	NA	Exploration
2017	Summer	2017-06-20	657	ZRN-411687	7:07:00	8:20:00	1.22	TMC	NA	Exploration
2017	Summer	2017-06-20	652	MHE-517103	5:54:00	7:08:00	1.23	CrewChg	NA	Road Cons
2017	Summer	2017-06-20	652	MHE-517103	18:30:00	19:07:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-20	652	MHE-517103	7:33:00	8:14:00	0.68	CrewChg	NA	Road Cons
2017	Summer	2017-06-20	652	MHE-517103	16:25:00	18:05:00	1.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-21	665	TEP-310763	14:23:00	14:56:00	0.55	Groc	NA	Camp
2017	Summer	2017-06-21	659	GVNX20170621	8:00:00	10:24:00	2.4	Pax	NA	Camp
2017	Summer	2017-06-21	659	GVNX20170621	8:00:00	10:24:00	2.4	MbSIng	NA	Camp
2017	Summer	2017-06-21	664	ZRN-411688	11:00:00	11:21:00	0.35	DrillServ	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	15:53:00	17:54:00	2.02	Move	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	16:42:00	18:35:00	1.88	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	15:24:00	15:39:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	11:00:00	11:21:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	10:29:00	10:33:00	0.07	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	9:49:00	9:54:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	7:56:00	8:22:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	5:50:00	6:29:00	0.65	CrewChg	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	16:22:00	16:32:00	0.17	DrillServ	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	15:53:00	17:54:00	2.02	DrillServ	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	22:16:00	23:06:00	0.83	Move	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	16:42:00	18:35:00	1.88	Move	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	4:29:00	5:34:00	1.08	Core	NA	Drillg
2017	Summer	2017-06-21	664	ZRN-411688	4:29:00	5:34:00	1.08	DrillServ	NA	Drillg
2017	Summer	2017-06-21	663	JTI-964667	5:55:00	7:05:00	1.17	DrillServ	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-21	663	JTI-964667	5:55:00	7:05:00	1.17	CrewChg	NA	Drillg
2017	Summer	2017-06-21	659	GVNX20170621	8:00:00	10:24:00	2.4	MegBag	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	22:16:00	23:06:00	0.83	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	663	JTI-964667	10:20:00	10:32:00	0.2	Move	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	18:47:00	21:59:00	3.2	Move	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	18:47:00	21:59:00	3.2	DrillServ	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	18:47:00	21:59:00	3.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-21	663	JTI-964667	17:17:00	18:20:00	1.05	CrewChg	NA	Drillg
2017	Summer	2017-06-21	663	JTI-964667	17:17:00	18:20:00	1.05	DrillServ	NA	Drillg
2017	Summer	2017-06-21	663	JTI-964667	13:36:00	13:52:00	0.27	Move	NA	Drillg
2017	Summer	2017-06-21	663	JTI-964667	10:43:00	11:38:00	0.92	Move	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	16:42:00	18:35:00	1.88	CrewChg	NA	Drillg
2017	Summer	2017-06-21	658	VRH-325469	22:16:00	23:06:00	0.83	DrillServ	NA	Drillg
2017	Summer	2017-06-21	684	LYG-007040	8:54:00	9:01:00	0.12	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	12:06:00	13:07:00	1.02	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	14:18:00	14:26:00	0.13	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	14:49:00	15:13:00	0.4	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	15:30:00	15:48:00	0.3	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	16:25:00	16:42:00	0.28	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	13:24:00	13:32:00	0.13	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	13:49:00	13:55:00	0.1	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	10:11:00	10:19:00	0.13	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	9:21:00	9:31:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	8:30:00	8:41:00	0.18	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	7:51:00	8:03:00	0.2	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	6:16:00	6:54:00	0.63	EnvWild	NA	Enviro
2017	Summer	2017-06-21	684	LYG-007040	9:47:00	9:54:00	0.12	EnvWild	NA	Enviro
2017	Summer	2017-06-21	664	ZRN-411688	7:56:00	8:22:00	0.43	TMC	NA	Exploration
2017	Summer	2017-06-21	665	TEP-310763	16:28:00	16:45:00	0.28	TMC	NA	Exploration
2017	Summer	2017-06-21	666	MHE-586826	18:29:00	19:04:00	0.58	CrewChg	NA	Road Cons
2017	Summer	2017-06-21	666	MHE-586826	6:00:00	7:42:00	1.7	CrewChg	NA	Road Cons
2017	Summer	2017-06-21	666	MHE-586826	10:30:00	11:07:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-21	666	MHE-586826	14:06:00	14:43:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-21	666	MHE-586826	16:30:00	18:08:00	1.63	CrewChg	NA	Road Cons
2017	Summer	2017-06-22	670	GVNX20170622	8:05:00	9:53:00	1.8	MbSing	NA	Camp
2017	Summer	2017-06-22	670	GVNX20170622	8:05:00	9:53:00	1.8	Pax	NA	Camp
2017	Summer	2017-06-22	673	JTI-964668	17:34:00	18:21:00	0.78	CrewChg	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	16:26:00	17:01:00	0.58	Move	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	13:30:00	14:14:00	0.73	Move	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	5:50:00	7:08:00	1.3	Core	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	17:34:00	18:21:00	0.78	DrillServ	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	13:00:00	13:10:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	14:49:00	16:12:00	1.38	Move	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	14:33:00	14:59:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	19:51:00	22:51:00	3	Move	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	14:33:00	14:59:00	0.43	DrillServ	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	16:16:00	18:32:00	2.27	DrillServ	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	16:16:00	18:32:00	2.27	Core	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	16:16:00	18:32:00	2.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	13:30:00	14:14:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	16:16:00	18:32:00	2.27	CrewChg	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	14:07:00	14:18:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	11:38:00	11:53:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	10:46:00	11:22:00	0.6	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	9:58:00	10:04:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	19:51:00	22:51:00	3	DrillServ	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	9:51:00	9:59:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	5:50:00	7:08:00	1.3	CrewChg	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	8:44:00	9:06:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	7:52:00	8:06:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	14:26:00	14:33:00	0.12	Move	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	5:50:00	7:08:00	1.3	DrillServ	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	5:52:00	7:14:00	1.37	CrewChg	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	9:22:00	9:32:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	19:51:00	22:51:00	3	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	673	JTI-964668	5:52:00	7:14:00	1.37	DrillServ	NA	Drillg
2017	Summer	2017-06-22	668	ZRN-412909	4:13:00	4:58:00	0.75	DrillServ	NA	Drillg
2017	Summer	2017-06-22	674	VRH-325470	19:34:00	19:40:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-06-22	669	TEP-310764	16:17:00	16:40:00	0.38	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	12:43:00	13:12:00	0.48	EnvWild	NA	Enviro
2017	Summer	2017-06-22	674	VRH-325470	16:16:00	18:32:00	2.27	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	8:34:00	9:14:00	0.67	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	12:17:00	12:29:00	0.2	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	10:40:00	10:50:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	15:34:00	15:55:00	0.35	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	8:12:00	8:22:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	7:36:00	7:52:00	0.27	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	7:11:00	7:21:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	6:31:00	6:53:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-22	669	TEP-310764	11:53:00	12:03:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-22	668	ZRN-412909	8:44:00	9:06:00	0.37	TMC	NA	Exploration
2017	Summer	2017-06-22	668	ZRN-412909	7:52:00	8:06:00	0.23	TMC	NA	Exploration
2017	Summer	2017-06-22	675	MHE-586827	9:12:00	10:03:00	0.85	RAB	Bringing the engine to amq, 2600lbs.	Exploration
2017	Summer	2017-06-22	689	LYG-007041	17:48:00	17:56:00	0.13	Mapping	NA	Prospection
2017	Summer	2017-06-22	689	LYG-007041	15:40:00	15:51:00	0.18	Mapping	NA	Prospection
2017	Summer	2017-06-22	675	MHE-586827	18:25:00	19:04:00	0.65	CrewChg	NA	Road Cons
2017	Summer	2017-06-22	675	MHE-586827	16:25:00	18:11:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-22	675	MHE-586827	5:56:00	7:45:00	1.82	CrewChg	NA	Road Cons
2017	Summer	2017-06-23	677	GVNX20170623	9:58:00	10:17:00	0.32	Pax	Ltr from Small Explo Tank at MBK	Camp
2017	Summer	2017-06-23	677	GVNX20170623	7:05:00	9:58:00	2.88	Pax	NA	Camp
2017	Summer	2017-06-23	683	JTI-964669	10:48:00	11:09:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	11:28:00	11:32:00	0.07	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	12:27:00	12:30:00	0.05	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	14:26:00	14:30:00	0.07	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	4:29:00	7:13:00	2.73	CrewChg	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	5:56:00	6:31:00	0.58	CrewChg	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	16:47:00	18:20:00	1.55	DrillServ	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	16:47:00	18:20:00	1.55	CrewChg	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	16:47:00	18:20:00	1.55	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	5:56:00	6:31:00	0.58	DrillServ	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	3:15:00	3:25:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	16:07:00	17:37:00	1.5	Core	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-23	682	VRH-325471	16:07:00	17:37:00	1.5	DrillServ	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	14:40:00	15:05:00	0.42	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	13:34:00	13:50:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	12:45:00	13:01:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	8:40:00	9:37:00	0.95	Move	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	7:26:00	8:18:00	0.87	Move	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	4:29:00	7:13:00	2.73	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	23:00:00	23:21:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	19:12:00	21:32:00	2.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	19:12:00	21:32:00	2.33	DrillServ	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	19:12:00	21:32:00	2.33	Move	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	18:56:00	19:01:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	682	VRH-325471	17:47:00	18:31:00	0.73	CrewChg	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	13:34:00	13:50:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	4:29:00	7:13:00	2.73	Core	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	12:45:00	13:01:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	7:43:00	8:43:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	9:52:00	10:15:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	11:16:00	11:45:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	11:16:00	11:45:00	0.48	DrillServ	NA	Drillg
2017	Summer	2017-06-23	683	JTI-964669	6:50:00	6:59:00	0.15	Move	NA	Drillg
2017	Summer	2017-06-23	678	ZRN-412910	4:29:00	7:13:00	2.73	DrillServ	NA	Drillg
2017	Summer	2017-06-23	679	TEP-310765	15:39:00	16:59:00	1.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-23	679	TEP-310765	12:18:00	12:29:00	0.18	EnvWild	NA	Enviro
2017	Summer	2017-06-23	679	TEP-310765	12:39:00	13:02:00	0.38	EnvWild	NA	Enviro
2017	Summer	2017-06-23	679	TEP-310765	13:08:00	13:27:00	0.32	EnvWild	NA	Enviro
2017	Summer	2017-06-23	679	TEP-310765	15:39:00	16:59:00	1.33	EnvWild	NA	Enviro
2017	Summer	2017-06-23	679	TEP-310765	6:12:00	7:27:00	1.25	EnvWild	NA	Enviro
2017	Summer	2017-06-23	679	TEP-310765	11:43:00	12:07:00	0.4	EnvWild	NA	Enviro
2017	Summer	2017-06-23	682	VRH-325471	16:07:00	17:37:00	1.5	TMC	NA	Exploration
2017	Summer	2017-06-23	678	ZRN-412910	7:43:00	8:43:00	1	TMC	NA	Exploration
2017	Summer	2017-06-23	682	VRH-325471	16:07:00	17:37:00	1.5	RAB	NA	Exploration
2017	Summer	2017-06-23	682	VRH-325471	14:40:00	15:05:00	0.42	RAB	NA	Exploration
2017	Summer	2017-06-23	681	LYG-007042	17:01:00	17:21:00	0.33	Mapping	NA	Prospection
2017	Summer	2017-06-23	681	LYG-007042	11:05:00	11:21:00	0.27	Mapping	NA	Prospection
2017	Summer	2017-06-23	676	MHE-586828	18:25:00	19:00:00	0.58	CrewChg	NA	Road Cons
2017	Summer	2017-06-23	676	MHE-586828	6:00:00	7:45:00	1.75	CrewChg	NA	Road Cons
2017	Summer	2017-06-23	676	MHE-586828	16:25:00	18:09:00	1.73	CrewChg	NA	Road Cons
2017	Summer	2017-06-24	694	GVNX20170624	7:35:00	8:11:00	0.6	MbSing	NA	Camp
2017	Summer	2017-06-24	693	ZRN-412911	11:28:00	11:46:00	0.3	LocSing	NA	Camp
2017	Summer	2017-06-24	694	GVNX20170624	7:35:00	8:11:00	0.6	Pax	NA	Camp
2017	Summer	2017-06-24	686	TEP-310766	15:19:00	15:29:00	0.17	WinRoad	NA	Camp
2017	Summer	2017-06-24	686	TEP-310766	13:19:00	13:47:00	0.47	WinRoad	NA	Camp
2017	Summer	2017-06-24	686	TEP-310766	14:46:00	15:01:00	0.25	WinRoad	NA	Camp
2017	Summer	2017-06-24	686	TEP-310766	14:15:00	14:26:00	0.18	WinRoad	NA	Camp
2017	Summer	2017-06-24	687	VRH-325472	21:17:00	22:08:00	0.85	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	4:31:00	5:37:00	1.1	Core	NA	Drillg
2017	Summer	2017-06-24	686	TEP-310766	17:42:00	18:48:00	1.1	CrewChg	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	7:45:00	9:03:00	1.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	13:42:00	16:27:00	2.75	Move	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	5:55:00	6:54:00	0.98	DrillServ	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	8:40:00	8:50:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	17:21:00	20:26:00	3.08	DrillServ	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	21:17:00	22:08:00	0.85	DrillServ	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	7:45:00	9:03:00	1.3	Move	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	13:30:00	13:52:00	0.37	DrillServ	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	5:45:00	6:29:00	0.73	CrewChg	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	13:30:00	13:52:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	22:16:00	22:22:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	11:28:00	11:46:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	17:21:00	20:26:00	3.08	Move	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	10:15:00	10:47:00	0.53	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	22:59:00	23:10:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	4:31:00	5:37:00	1.1	DrillServ	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	13:20:00	13:27:00	0.12	Move	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	17:21:00	20:26:00	3.08	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	5:55:00	6:54:00	0.98	CrewChg	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	15:15:00	15:38:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	7:45:00	9:03:00	1.3	DrillServ	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	16:29:00	17:07:00	0.63	DrillServ	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	9:30:00	8:56:00	0.57	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	17:21:00	20:26:00	3.08	Core	NA	Drillg
2017	Summer	2017-06-24	688	JTI-964670	17:54:00	18:17:00	0.38	CrewChg	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	15:15:00	15:38:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-06-24	693	ZRN-412911	12:21:00	12:48:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	687	VRH-325472	16:29:00	17:07:00	0.63	PaxLoc	NA	Drillg
2017	Summer	2017-06-24	686	TEP-310766	16:22:00	16:44:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-24	686	TEP-310766	11:48:00	12:16:00	0.47	EnvWild	NA	Enviro
2017	Summer	2017-06-24	686	TEP-310766	6:39:00	7:01:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-24	693	ZRN-412911	7:45:00	9:03:00	1.3	TMC	NA	Exploration
2017	Summer	2017-06-24	693	ZRN-412911	11:28:00	11:46:00	0.3	RAB	NA	Exploration
2017	Summer	2017-06-24	687	VRH-325472	16:29:00	17:07:00	0.63	TMC	NA	Exploration
2017	Summer	2017-06-24	687	VRH-325472	21:17:00	22:08:00	0.85	RAB	NA	Exploration
2017	Summer	2017-06-24	690	LYG-007043	15:14:00	15:45:00	0.52	Mapping	NA	Prospection
2017	Summer	2017-06-24	690	LYG-007043	7:38:00	7:57:00	0.32	Mapping	NA	Prospection
2017	Summer	2017-06-24	685	MHE-586829	18:25:00	19:05:00	0.67	CrewChg	NA	Road Cons
2017	Summer	2017-06-24	685	MHE-586829	6:03:00	7:48:00	1.75	CrewChg	NA	Road Cons
2017	Summer	2017-06-24	685	MHE-586829	16:25:00	18:04:00	1.65	CrewChg	NA	Road Cons
2017	Summer	2017-06-25	702	GVNX20170625	7:30:00	8:06:00	0.6	MbSing	NA	Camp
2017	Summer	2017-06-25	702	GVNX20170625	7:30:00	8:06:00	0.6	Pax	Patient	Camp
2017	Summer	2017-06-25	698	ZRN-412912	14:38:00	14:52:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	4:30:00	5:27:00	0.95	Core	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	14:12:00	14:31:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	700	JTI-964671	7:15:00	8:07:00	0.87	Move	NA	Drillg
2017	Summer	2017-06-25	700	JTI-964671	5:53:00	7:02:00	1.15	DrillServ	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	19:55:00	22:12:00	2.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	16:18:00	18:32:00	2.23	DrillServ	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	4:30:00	5:27:00	0.95	DrillServ	NA	Drillg
2017	Summer	2017-06-25	700	JTI-964671	9:26:00	9:33:00	0.12	Move	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	5:45:00	6:40:00	0.92	CrewChg	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	5:45:00	6:40:00	0.92	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	19:55:00	22:12:00	2.28	DrillServ	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	22:37:00	23:06:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	700	JTI-964671	17:16:00	18:21:00	1.08	CrewChg	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-25	700	JTI-964671	17:16:00	18:21:00	1.08	DrillServ	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	19:35:00	19:43:00	0.13	DrillServ	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	13:12:00	13:40:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	16:18:00	18:32:00	2.23	Core	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	13:12:00	13:40:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	19:55:00	22:12:00	2.28	Move	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	16:18:00	18:32:00	2.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	700	JTI-964671	5:53:00	7:02:00	1.15	CrewChg	NA	Drillg
2017	Summer	2017-06-25	701	VRH-325473	16:18:00	18:32:00	2.23	CrewChg	NA	Drillg
2017	Summer	2017-06-25	698	ZRN-412912	7:29:00	8:00:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-25	697	TEP-310767	16:59:00	17:11:00	0.2	EnvWild	NA	Enviro
2017	Summer	2017-06-25	697	TEP-310767	6:29:00	7:09:00	0.67	EnvWild	NA	Enviro
2017	Summer	2017-06-25	697	TEP-310767	8:29:00	8:39:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-25	697	TEP-310767	9:05:00	9:37:00	0.53	EnvWild	NA	Enviro
2017	Summer	2017-06-25	697	TEP-310767	13:01:00	13:37:00	0.6	EnvWild	NA	Enviro
2017	Summer	2017-06-25	697	TEP-310767	14:33:00	14:47:00	0.23	EnvWild	NA	Enviro
2017	Summer	2017-06-25	697	TEP-310767	16:21:00	16:40:00	0.32	EnvWild	NA	Enviro
2017	Summer	2017-06-25	701	VRH-325473	16:18:00	18:32:00	2.23	TMC	NA	Exploration
2017	Summer	2017-06-25	698	ZRN-412912	7:29:00	8:00:00	0.52	TMC	NA	Exploration
2017	Summer	2017-06-25	704	MHE-586830	18:25:00	19:02:00	0.62	CrewChg	NA	Road Cons
2017	Summer	2017-06-25	704	MHE-586830	6:00:00	7:43:00	1.72	CrewChg	NA	Road Cons
2017	Summer	2017-06-25	704	MHE-586830	16:23:00	18:02:00	1.65	CrewChg	NA	Road Cons
2017	Summer	2017-06-26	708	GVNX20170626	8:30:00	9:42:00	1.2	Pax	NA	Camp
2017	Summer	2017-06-26	708	GVNX20170626	8:30:00	9:42:00	1.2	MbSIng	NA	Camp
2017	Summer	2017-06-26	706	VRH-325474	16:27:00	18:27:00	2	DrillServ	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	18:41:00	20:55:00	2.23	DrillServ	NA	Drillg
2017	Summer	2017-06-26	705	TEP-310768	15:12:00	15:43:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	17:41:00	18:23:00	0.7	DrillServ	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	17:41:00	18:23:00	0.7	CrewChg	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	15:45:00	15:50:00	0.08	Move	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	12:06:00	15:13:00	3.12	Move	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	11:35:00	11:45:00	0.17	Move	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	5:57:00	7:35:00	1.63	DrillServ	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	5:57:00	7:35:00	1.63	CrewChg	NA	Drillg
2017	Summer	2017-06-26	707	JTI-964672	5:57:00	7:35:00	1.63	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	22:04:00	23:55:00	1.85	DrillServ	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	22:04:00	23:55:00	1.85	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	22:04:00	23:55:00	1.85	Move	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	21:44:00	21:51:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	708	GVNX20170626	8:30:00	9:42:00	1.2	MegBag	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	16:27:00	18:27:00	2	CrewChg	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	9:10:00	9:32:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	18:41:00	20:55:00	2.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	11:25:00	11:36:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	16:27:00	18:27:00	2	Core	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	4:33:00	6:35:00	2.03	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	14:56:00	15:24:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	14:03:00	14:19:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	4:33:00	6:35:00	2.03	CrewChg	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	10:23:00	10:37:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	4:33:00	6:35:00	2.03	Core	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	7:23:00	7:33:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	18:41:00	20:55:00	2.23	Move	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	4:33:00	6:35:00	2.03	DrillServ	NA	Drillg
2017	Summer	2017-06-26	706	VRH-325474	16:27:00	18:27:00	2	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	3:26:00	3:55:00	0.48	DrillServ	NA	Drillg
2017	Summer	2017-06-26	711	ZRN-412913	13:03:00	13:15:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-26	705	TEP-310768	9:19:00	9:41:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	6:27:00	7:13:00	0.77	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	15:12:00	15:43:00	0.52	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	13:46:00	14:49:00	1.05	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	10:40:00	11:18:00	0.63	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	9:57:00	10:07:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	8:03:00	8:32:00	0.48	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	7:28:00	7:49:00	0.35	EnvWild	NA	Enviro
2017	Summer	2017-06-26	705	TEP-310768	16:24:00	16:51:00	0.45	EnvWild	NA	Enviro
2017	Summer	2017-06-26	711	ZRN-412913	7:42:00	7:58:00	0.27	TMC	NA	Exploration
2017	Summer	2017-06-26	706	VRH-325474	16:27:00	18:27:00	2	TMC	NA	Exploration
2017	Summer	2017-06-26	711	ZRN-412913	9:10:00	9:32:00	0.37	TMC	NA	Exploration
2017	Summer	2017-06-26	714	LYG-007045	16:00:00	16:38:00	0.63	Mapping	NA	Prospection
2017	Summer	2017-06-26	714	LYG-007045	7:55:00	8:19:00	0.4	Mapping	NA	Prospection
2017	Summer	2017-06-26	714	LYG-007045	9:07:00	9:24:00	0.28	Mapping	NA	Prospection
2017	Summer	2017-06-26	712	MHE-586831	13:02:00	13:38:00	0.6	CrewChg	NA	Road Cons
2017	Summer	2017-06-26	712	MHE-586831	18:25:00	19:03:00	0.63	CrewChg	NA	Road Cons
2017	Summer	2017-06-26	712	MHE-586831	5:57:00	7:43:00	1.77	CrewChg	NA	Road Cons
2017	Summer	2017-06-26	712	MHE-586831	9:21:00	9:57:00	0.6	CrewChg	NA	Road Cons
2017	Summer	2017-06-26	712	MHE-586831	16:26:00	18:10:00	1.73	CrewChg	NA	Road Cons
2017	Summer	2017-06-27	715	GVNX20170627	8:25:00	10:50:00	2.42	MbSIng	NA	Camp
2017	Summer	2017-06-27	715	GVNX20170627	8:25:00	10:50:00	2.42	Pax	NA	Camp
2017	Summer	2017-06-27	731	LYG-007046	15:51:00	16:18:00	0.45	Pax	NA	Camp
2017	Summer	2017-06-27	731	LYG-007046	7:47:00	8:18:00	0.52	Pax	NA	Camp
2017	Summer	2017-06-27	718	ZRN-412914	13:23:00	14:25:00	1.03	Move	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	16:13:00	17:29:00	1.27	Core	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	22:06:00	22:16:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	16:13:00	17:29:00	1.27	DrillServ	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	17:40:00	18:21:00	0.68	CrewChg	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	23:06:00	23:19:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	18:31:00	18:57:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	20:08:00	20:27:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	21:35:00	21:45:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	14:48:00	15:58:00	1.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	721	VRH-325475	16:13:00	17:29:00	1.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	4:30:00	6:26:00	1.93	DrillServ	NA	Drillg
2017	Summer	2017-06-27	715	GVNX20170627	8:25:00	10:50:00	2.42	MegBag	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	6:00:00	6:31:00	0.52	DrillServ	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	6:00:00	6:31:00	0.52	CrewChg	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	13:23:00	14:25:00	1.03	DrillServ	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	10:12:00	10:22:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	13:47:00	13:57:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	14:54:00	15:04:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	6:49:00	7:21:00	0.53	DrillServ	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	17:35:00	18:17:00	0.7	CrewChg	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	4:30:00	6:26:00	1.93	Core	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	4:30:00	6:26:00	1.93	CrewChg	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-27	718	ZRN-412914	7:49:00	8:08:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	8:40:00	9:00:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	10:12:00	10:21:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	12:45:00	12:56:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	718	ZRN-412914	13:23:00	14:25:00	1.03	PaxLoc	NA	Drillg
2017	Summer	2017-06-27	716	JTI-964673	17:35:00	18:17:00	0.7	DrillServ	NA	Drillg
2017	Summer	2017-06-27	719	TEP-310769	10:55:00	11:30:00	0.58	EnvWild	NA	Enviro
2017	Summer	2017-06-27	719	TEP-310769	13:54:00	14:08:00	0.23	EnvWild	NA	Enviro
2017	Summer	2017-06-27	719	TEP-310769	16:36:00	17:13:00	0.62	EnvWild	NA	Enviro
2017	Summer	2017-06-27	719	TEP-310769	6:29:00	6:54:00	0.42	EnvWild	NA	Enviro
2017	Summer	2017-06-27	718	ZRN-412914	14:48:00	15:58:00	1.17	RAB	NA	Exploration
2017	Summer	2017-06-27	721	VRH-325475	16:13:00	17:29:00	1.27	TMC	NA	Exploration
2017	Summer	2017-06-27	718	ZRN-412914	7:49:00	8:08:00	0.32	TMC	NA	Exploration
2017	Summer	2017-06-27	718	ZRN-412914	13:23:00	14:25:00	1.03	TMC	NA	Exploration
2017	Summer	2017-06-27	718	ZRN-412914	4:30:00	6:26:00	1.93	RAB	NA	Exploration
2017	Summer	2017-06-27	717	MHE-883170	5:57:00	7:48:00	1.85	CrewChg	NA	Road Cons
2017	Summer	2017-06-27	717	MHE-883170	18:27:00	19:02:00	0.58	CrewChg	NA	Road Cons
2017	Summer	2017-06-27	717	MHE-883170	16:28:00	18:27:00	1.98	CrewChg	NA	Road Cons
2017	Summer	2017-06-28	726	TEP-310770	7:22:00	9:13:00	1.85	Pax	NA	Camp
2017	Summer	2017-06-28	729	LYG-260891	13:29:00	13:48:00	0.32	Pax	NA	Camp
2017	Summer	2017-06-28	734	GVNX20170628	13:14:00	14:08:00	0.9	Pax	NA	Camp
2017	Summer	2017-06-28	734	GVNX20170628	16:04:00	16:21:00	0.28	Groc	NA	Camp
2017	Summer	2017-06-28	734	GVNX20170628	14:56:00	15:12:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-28	733	GVNX20170628.1	7:00:00	8:20:00	1.33	Pax	TRANSFERT FROM RANKIN FOR ORBIT	Drillg
2017	Summer	2017-06-28	730	JTI-964674	5:59:00	6:47:00	0.8	DrillServ	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	8:18:00	8:32:00	0.23	DrillServ	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	8:40:00	8:59:00	0.32	DrillServ	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	12:29:00	12:35:00	0.1	Move	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	15:52:00	16:35:00	0.72	DrillServ	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	17:53:00	18:19:00	0.43	DrillServ	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	10:56:00	11:06:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	11:55:00	12:02:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	12:48:00	12:59:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	5:59:00	6:47:00	0.8	CrewChg	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	15:50:00	16:00:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	12:59:00	15:16:00	2.28	Move	NA	Drillg
2017	Summer	2017-06-28	733	GVNX20170628.1	8:45:00	10:20:00	1.58	Pax	TRANSFERT FROM RANKIN FOR ORBIT	Drillg
2017	Summer	2017-06-28	734	GVNX20170628	14:56:00	15:12:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-06-28	734	GVNX20170628	16:38:00	16:56:00	0.3	MegBag	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	16:08:00	18:46:00	2.63	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	16:08:00	18:46:00	2.63	DrillServ	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	16:08:00	18:46:00	2.63	Core	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	16:08:00	18:46:00	2.63	CrewChg	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	19:05:00	21:22:00	2.28	Move	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	14:19:00	14:40:00	0.35	DrillServ	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	22:05:00	22:26:00	0.35	DrillServ	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	17:53:00	18:19:00	0.43	CrewChg	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	22:05:00	22:26:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	730	JTI-964674	5:59:00	6:47:00	0.8	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	23:04:00	23:18:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	726	TEP-310770	7:22:00	9:13:00	1.85	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	726	TEP-310770	15:56:00	16:59:00	1.05	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	3:02:00	3:19:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	6:48:00	7:27:00	0.65	CrewChg	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	7:42:00	11:05:00	3.38	Move	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	7:42:00	11:05:00	3.38	DrillServ	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	7:42:00	11:05:00	3.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	732	VRH-392368	19:05:00	21:22:00	2.28	DrillServ	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	6:48:00	7:27:00	0.65	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	3:45:00	3:53:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	4:19:00	6:18:00	1.98	PaxLoc	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	4:19:00	6:18:00	1.98	CrewChg	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	4:19:00	6:18:00	1.98	DrillServ	NA	Drillg
2017	Summer	2017-06-28	728	ZRN-412915	6:48:00	7:27:00	0.65	Move	NA	Drillg
2017	Summer	2017-06-28	726	TEP-310770	15:56:00	16:59:00	1.05	EnvWild	NA	Enviro
2017	Summer	2017-06-28	726	TEP-310770	12:59:00	13:36:00	0.62	EnvWild	NA	Enviro
2017	Summer	2017-06-28	726	TEP-310770	11:52:00	12:14:00	0.37	EnvWild	NA	Enviro
2017	Summer	2017-06-28	726	TEP-310770	10:49:00	11:02:00	0.22	EnvWild	NA	Enviro
2017	Summer	2017-06-28	726	TEP-310770	9:53:00	10:16:00	0.38	EnvWild	NA	Enviro
2017	Summer	2017-06-28	726	TEP-310770	7:22:00	9:13:00	1.85	EnvWild	NA	Enviro
2017	Summer	2017-06-28	726	TEP-310770	6:12:00	6:37:00	0.42	EnvWild	NA	Enviro
2017	Summer	2017-06-28	732	VRH-392368	16:08:00	18:46:00	2.63	RAB	NA	Exploration
2017	Summer	2017-06-28	728	ZRN-412915	4:19:00	6:18:00	1.98	RAB	NA	Exploration
2017	Summer	2017-06-28	726	TEP-310770	15:56:00	16:59:00	1.05	TMC	NA	Exploration
2017	Summer	2017-06-28	726	TEP-310770	7:22:00	9:13:00	1.85	TMC	NA	Exploration
2017	Summer	2017-06-28	728	ZRN-412915	6:48:00	7:27:00	0.65	Mapping	NA	Prospection
2017	Summer	2017-06-28	722	LYG-007047	7:40:00	8:03:00	0.38	Mapping	NA	Prospection
2017	Summer	2017-06-28	722	LYG-007047	8:23:00	8:44:00	0.35	Mapping	NA	Prospection
2017	Summer	2017-06-28	726	TEP-310770	15:56:00	16:59:00	1.05	Mapping	NA	Prospection
2017	Summer	2017-06-28	743	MHE-586833	16:30:00	18:15:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-06-28	743	MHE-586833	14:03:00	14:37:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-06-28	743	MHE-586833	9:43:00	10:15:00	0.53	PaxLoc	NA	Road Cons
2017	Summer	2017-06-28	743	MHE-586833	18:26:00	19:03:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-06-28	743	MHE-586833	6:02:00	7:56:00	1.9	PaxLoc	NA	Road Cons
2017	Summer	2017-06-29	741	GVNX20170629	12:27:00	12:44:00	0.28	MbSIng	NA	Camp
2017	Summer	2017-06-29	735	JTI-841038	15:12:00	16:00:00	0.8	MbSIng	NA	Camp
2017	Summer	2017-06-29	741	GVNX20170629	7:10:00	9:40:00	2.5	Pax	NA	Camp
2017	Summer	2017-06-29	741	GVNX20170629	6:46:00	7:02:00	0.27	Groc	NA	Camp
2017	Summer	2017-06-29	742	VRH-392369	16:41:00	22:41:00	6	Move	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	7:50:00	8:23:00	0.55	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	735	JTI-841038	17:24:00	18:10:00	0.77	DrillServ	NA	Drillg
2017	Summer	2017-06-29	738	LYG-260892	11:28:00	11:52:00	0.4	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	735	JTI-841038	17:24:00	18:10:00	0.77	CrewChg	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	3:10:00	3:30:00	0.33	DrillServ	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	4:20:00	5:35:00	1.25	Core	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	4:20:00	5:35:00	1.25	DrillServ	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	5:45:00	6:33:00	0.8	CrewChg	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	5:45:00	6:33:00	0.8	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	3:10:00	3:30:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	12:43:00	12:55:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	725	JTI-964675	6:01:00	6:24:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	725	JTI-964675	7:36:00	8:40:00	1.07	DrillServ	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-06-29	725	JTI-964675	9:05:00	9:23:00	0.3	DrillServ	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	23:24:00	23:35:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	16:41:00	22:41:00	6	DrillServ	NA	Drillg
2017	Summer	2017-06-29	725	JTI-964675	6:01:00	6:24:00	0.38	CrewChg	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	16:41:00	22:41:00	6	CrewChg	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	16:41:00	22:41:00	6	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	16:41:00	22:41:00	6	Core	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	15:50:00	16:30:00	0.67	DrillServ	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	8:39:00	8:47:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	741	GVNX20170629	13:32:00	13:47:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	14:05:00	14:41:00	0.6	DrillServ	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	14:05:00	14:41:00	0.6	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	14:05:00	14:41:00	0.6	Move	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	13:22:00	13:44:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	11:05:00	11:18:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	739	ZRN-412916	9:50:00	10:12:00	0.37	DrillServ	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	15:50:00	16:30:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-06-29	742	VRH-392369	16:41:00	22:41:00	6	RAB	NA	Exploration
2017	Summer	2017-06-29	739	ZRN-412916	7:50:00	8:23:00	0.55	TMC	NA	Exploration
2017	Summer	2017-06-29	739	ZRN-412916	4:20:00	5:35:00	1.25	RAB	NA	Exploration
2017	Summer	2017-06-29	739	ZRN-412916	13:22:00	13:44:00	0.37	TMC	NA	Exploration
2017	Summer	2017-06-29	738	LYG-260892	16:34:00	17:08:00	0.57	TMC	NA	Exploration
2017	Summer	2017-06-29	738	LYG-260892	11:28:00	11:52:00	0.4	Mapping	Manon Vallette	Prospection
2017	Summer	2017-06-29	742	VRH-392369	15:50:00	16:30:00	0.67	Mapping	Manon Valette	Prospection
2017	Summer	2017-06-29	738	LYG-260892	16:34:00	17:08:00	0.57	Mapping	NA	Prospection
2017	Summer	2017-06-29	738	LYG-260892	8:19:00	8:46:00	0.45	Mapping	NA	Prospection
2017	Summer	2017-06-29	744	MHE-586834	6:00:00	7:50:00	1.83	PaxLoc	NA	Road Cons
2017	Summer	2017-06-29	744	MHE-586834	16:27:00	18:08:00	1.68	PaxLoc	NA	Road Cons
2017	Summer	2017-06-29	744	MHE-586834	18:27:00	19:04:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-06-30	749	VRH-392370	10:31:00	13:30:00	2.98	NA	NA	NA
2017	Summer	2017-06-30	753	GVNX20170630	13:14:00	13:30:00	0.27	Pax	NA	Camp
2017	Summer	2017-06-30	753	GVNX20170630	8:32:00	9:45:00	1.22	MbSIng	NA	Camp
2017	Summer	2017-06-30	753	GVNX20170630	13:14:00	13:30:00	0.27	MbSIng	NA	Camp
2017	Summer	2017-06-30	748	ZRN-412917	4:15:00	6:49:00	2.57	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	14:09:00	15:40:00	1.52	Move	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	14:09:00	15:40:00	1.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	10:39:00	13:39:00	3	Move	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	10:39:00	13:39:00	3	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	10:39:00	13:39:00	3	Move	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	10:04:00	10:20:00	0.27	Move	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	3:00:00	3:16:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	9:16:00	9:39:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	DrillServ	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	4:15:00	6:49:00	2.57	DrillServ	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	4:15:00	6:49:00	2.57	Core	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	4:15:00	6:49:00	2.57	CrewChg	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	3:26:00	3:36:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	748	ZRN-412917	10:04:00	10:20:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	5:55:00	6:17:00	0.37	CrewChg	NA	Drillg
2017	Summer	2017-06-30	751	LYG-260893	11:14:00	11:56:00	0.7	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	751	LYG-260893	7:49:00	8:30:00	0.68	DrillServ	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	17:53:00	18:14:00	0.35	CrewChg	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	16:04:00	17:30:00	1.43	DrillServ	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	13:10:00	15:24:00	2.23	Move	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	10:43:00	13:00:00	2.28	Move	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	10:31:00	13:30:00	2.98	Move	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	8:01:00	8:13:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	Core	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	23:12:00	23:30:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	22:02:00	22:12:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	21:02:00	21:33:00	0.52	DrillServ	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	21:02:00	21:33:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	19:34:00	20:32:00	0.97	DrillServ	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	CrewChg	NA	Drillg
2017	Summer	2017-06-30	753	GVNX20170630	15:02:00	15:17:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-06-30	750	JTI-841039	8:50:00	9:04:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-06-30	749	VRH-392370	10:31:00	13:30:00	2.98	EnvWild	NA	Enviro
2017	Summer	2017-06-30	748	ZRN-412917	10:39:00	13:39:00	3	EnvWild	NA	Enviro
2017	Summer	2017-06-30	751	LYG-260893	11:14:00	11:56:00	0.7	EnvWild	NA	Enviro
2017	Summer	2017-06-30	751	LYG-260893	7:03:00	7:33:00	0.5	EnvWild	NA	Enviro
2017	Summer	2017-06-30	748	ZRN-412917	14:09:00	15:40:00	1.52	EnvWild	NA	Enviro
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	EnvWild	NA	Enviro
2017	Summer	2017-06-30	748	ZRN-412917	4:15:00	6:49:00	2.57	RAB	NA	Exploration
2017	Summer	2017-06-30	748	ZRN-412917	10:39:00	13:39:00	3	TMC	NA	Exploration
2017	Summer	2017-06-30	749	VRH-392370	19:34:00	20:32:00	0.97	RAB	NA	Exploration
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	TMC	NA	Exploration
2017	Summer	2017-06-30	751	LYG-260893	7:49:00	8:30:00	0.68	TMC	NA	Exploration
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	Till	NA	Prospection
2017	Summer	2017-06-30	751	LYG-260893	16:11:00	16:28:00	0.28	Mapping	NA	Prospection
2017	Summer	2017-06-30	751	LYG-260893	11:14:00	11:56:00	0.7	Till	NA	Prospection
2017	Summer	2017-06-30	751	LYG-260893	7:49:00	8:30:00	0.68	Till	NA	Prospection
2017	Summer	2017-06-30	749	VRH-392370	15:24:00	18:46:00	3.37	Mapping	NA	Prospection
2017	Summer	2017-06-30	751	LYG-260893	7:03:00	7:33:00	0.5	Mapping	NA	Prospection
2017	Summer	2017-06-30	748	ZRN-412917	10:39:00	13:39:00	3	Mapping	NA	Prospection
2017	Summer	2017-06-30	752	MHE-586835	6:05:00	7:47:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-06-30	752	MHE-586835	16:28:00	18:08:00	1.67	PaxLoc	NA	Road Cons
2017	Summer	2017-06-30	752	MHE-586835	18:29:00	19:03:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-07-01	754	ZRN-412918	7:21:00	8:21:00	1	PaxLoc	PHOTOS	Camp
2017	Summer	2017-07-01	755	GNVX-20170701	6:42:00	8:25:00	1.72	Pax	NA	Camp
2017	Summer	2017-07-01	757	VRH-392371	21:37:00	23:59:00	2.37	Move	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	13:29:00	14:27:00	0.97	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	17:32:00	18:20:00	0.8	CrewChg	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	17:32:00	18:20:00	0.8	Core	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	11:43:00	12:00:00	0.28	Move	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	9:56:00	11:25:00	1.48	Move	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	5:54:00	7:05:00	1.18	DrillServ	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	5:54:00	7:05:00	1.18	Core	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	21:37:00	23:59:00	2.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	17:25:00	19:58:00	2.55	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	17:25:00	19:58:00	2.55	Core	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	17:25:00	19:58:00	2.55	CrewChg	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	17:25:00	19:58:00	2.55	Move	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	15:54:00	17:15:00	1.35	DrillServ	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	15:54:00	17:15:00	1.35	Core	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-01	754	ZRN-412918	4:31:00	5:39:00	1.13	Core	NA	Drillg
2017	Summer	2017-07-01	760	JTI-841040	5:54:00	7:05:00	1.18	CrewChg	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	2:59:00	3:25:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	15:54:00	17:15:00	1.35	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	4:31:00	5:39:00	1.13	DrillServ	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	5:46:00	6:29:00	0.72	CrewChg	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	7:21:00	8:21:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	9:25:00	10:13:00	0.8	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	754	ZRN-412918	9:25:00	10:13:00	0.8	Move	NA	Drillg
2017	Summer	2017-07-01	755	GNVX-20170701	9:35:00	9:51:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	11:24:00	11:32:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	12:03:00	12:21:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	13:04:00	13:16:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	14:17:00	14:40:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-01	757	VRH-392371	14:17:00	14:40:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-07-01	758	TEP-495145	8:55:00	9:02:00	0.12	EnvWild	NA	Enviro
2017	Summer	2017-07-01	758	TEP-495145	14:42:00	15:02:00	0.33	EnvWild	NA	Enviro
2017	Summer	2017-07-01	758	TEP-495145	7:22:00	7:52:00	0.5	EnvWild	NA	Enviro
2017	Summer	2017-07-01	758	TEP-495145	13:30:00	13:46:00	0.27	EnvWild	NA	Enviro
2017	Summer	2017-07-01	758	TEP-495145	12:15:00	12:28:00	0.22	EnvWild	NA	Enviro
2017	Summer	2017-07-01	758	TEP-495145	11:22:00	11:32:00	0.17	EnvWild	NA	Enviro
2017	Summer	2017-07-01	757	VRH-392371	15:54:00	17:15:00	1.35	EnvWild	NA	Enviro
2017	Summer	2017-07-01	758	TEP-495145	10:02:00	10:15:00	0.22	EnvWild	NA	Enviro
2017	Summer	2017-07-01	754	ZRN-412918	7:21:00	8:21:00	1	TMC	NA	Exploration
2017	Summer	2017-07-01	754	ZRN-412918	4:31:00	5:39:00	1.13	RAB	NA	Exploration
2017	Summer	2017-07-01	757	VRH-392371	15:54:00	17:15:00	1.35	TMC	NA	Exploration
2017	Summer	2017-07-01	754	ZRN-412918	13:29:00	14:27:00	0.97	TMC	NA	Exploration
2017	Summer	2017-07-01	757	VRH-392371	20:22:00	20:38:00	0.27	RAB	NA	Exploration
2017	Summer	2017-07-01	754	ZRN-412918	7:21:00	8:21:00	1	Mapping	NA	Prospection
2017	Summer	2017-07-01	754	ZRN-412918	7:21:00	8:21:00	1	Till	NA	Prospection
2017	Summer	2017-07-01	761	ZPH-916940	15:18:00	16:43:00	1.42	LakeSed	NA	Prospection
2017	Summer	2017-07-01	761	ZPH-916940	13:11:00	15:00:00	1.82	LakeSed	NA	Prospection
2017	Summer	2017-07-01	761	ZPH-916940	10:43:00	12:11:00	1.47	LakeSed	NA	Prospection
2017	Summer	2017-07-01	761	ZPH-916940	8:53:00	10:20:00	1.45	LakeSed	NA	Prospection
2017	Summer	2017-07-01	761	ZPH-916940	6:49:00	8:34:00	1.75	LakeSed	NA	Prospection
2017	Summer	2017-07-01	759	LYG-260894	17:39:00	17:49:00	0.17	Mapping	NA	Prospection
2017	Summer	2017-07-01	759	LYG-260894	10:34:00	10:40:00	0.1	Mapping	NA	Prospection
2017	Summer	2017-07-01	759	LYG-260894	7:28:00	7:49:00	0.35	Mapping	NA	Prospection
2017	Summer	2017-07-01	758	TEP-495145	17:30:00	17:48:00	0.3	PaxLoc	NA	Prospection
2017	Summer	2017-07-01	757	VRH-392371	15:54:00	17:15:00	1.35	Mapping	NA	Prospection
2017	Summer	2017-07-01	754	ZRN-412918	13:29:00	14:27:00	0.97	Till	NA	Prospection
2017	Summer	2017-07-01	802	MHE-586836	18:30:00	19:02:00	0.53	PaxLoc	NA	Road Cons
2017	Summer	2017-07-01	802	MHE-586836	16:28:00	18:08:00	1.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-01	802	MHE-586836	6:02:00	7:51:00	1.82	PaxLoc	NA	Road Cons
2017	Summer	2017-07-02	764	GVNX20170702	10:54:00	11:10:00	0.27	Pax	NA	Camp
2017	Summer	2017-07-02	764	GVNX20170702	11:34:00	11:49:00	0.25	Pax	NA	Camp
2017	Summer	2017-07-02	764	GVNX20170702	11:34:00	11:49:00	0.25	MbSing	NA	Camp
2017	Summer	2017-07-02	764	GVNX20170702	14:50:00	15:04:00	0.23	Pax	NA	Camp
2017	Summer	2017-07-02	763	JTI-841041	15:38:00	16:08:00	0.5	DrillServ	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	17:03:00	18:37:00	1.57	CrewChg	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	22:05:00	23:07:00	1.03	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	22:05:00	23:07:00	1.03	DrillServ	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	5:54:00	6:39:00	0.75	CrewChg	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	5:54:00	6:39:00	0.75	Core	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	7:10:00	7:20:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	8:10:00	8:21:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	11:05:00	11:18:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	764	GVNX20170702	15:35:00	15:50:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	14:23:00	15:30:00	1.12	Move	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	17:03:00	18:37:00	1.57	Core	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	17:57:00	18:16:00	0.32	CrewChg	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	11:30:00	12:12:00	0.7	DrillServ	NA	Drillg
2017	Summer	2017-07-02	763	JTI-841041	11:50:00	14:16:00	2.43	Move	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	11:30:00	12:12:00	0.7	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	13:24:00	14:18:00	0.9	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	13:24:00	14:18:00	0.9	DrillServ	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	DrillServ	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	14:54:00	16:45:00	1.85	DrillServ	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	3:07:00	3:30:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	Move	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	5:46:00	6:31:00	0.75	CrewChg	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	4:26:00	5:40:00	1.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	4:26:00	5:40:00	1.23	Core	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	4:26:00	5:40:00	1.23	DrillServ	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	3:42:00	4:02:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	6:49:00	7:20:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-07-02	777	ZRN-412919	3:07:00	3:30:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-07-02	762	VRH-392372	13:24:00	14:18:00	0.9	EnvWild	NA	Enviro
2017	Summer	2017-07-02	762	VRH-392372	14:54:00	16:45:00	1.85	EnvWild	NA	Enviro
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	EnvWild	NA	Enviro
2017	Summer	2017-07-02	777	ZRN-412919	6:49:00	7:20:00	0.52	EnvWild	NA	Enviro
2017	Summer	2017-07-02	777	ZRN-412919	11:30:00	12:12:00	0.7	TMC	NA	Exploration
2017	Summer	2017-07-02	777	ZRN-412919	4:26:00	5:40:00	1.23	RAB	NA	Exploration
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	TMC	NA	Exploration
2017	Summer	2017-07-02	777	ZRN-412919	5:46:00	6:31:00	0.75	RAB	NA	Exploration
2017	Summer	2017-07-02	762	VRH-392372	14:54:00	16:45:00	1.85	TMC	NA	Exploration
2017	Summer	2017-07-02	762	VRH-392372	17:03:00	18:37:00	1.57	RAB	NA	Exploration
2017	Summer	2017-07-02	762	VRH-392372	14:54:00	16:45:00	1.85	Till	NA	Prospection
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	Till	NA	Prospection
2017	Summer	2017-07-02	775	LYG-260895	16:26:00	16:59:00	0.55	Mapping	NA	Prospection
2017	Summer	2017-07-02	775	LYG-260895	6:52:00	7:24:00	0.53	Mapping	NA	Prospection
2017	Summer	2017-07-02	777	ZRN-412919	7:45:00	10:46:00	3.02	Mapping	NA	Prospection
2017	Summer	2017-07-02	803	MHE-586837	18:26:00	19:00:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-07-02	803	MHE-586837	6:00:00	7:42:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-02	803	MHE-586837	16:26:00	18:05:00	1.65	PaxLoc	NA	Road Cons
2017	Summer	2017-07-03	765	GVNX20170703	7:05:00	8:20:00	1.25	Pax	NA	Camp
2017	Summer	2017-07-03	765	GVNX20170703	8:20:00	8:36:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	19:15:00	19:35:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	17:00:00	18:36:00	1.6	CrewChg	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	17:00:00	18:36:00	1.6	Core	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	15:05:00	15:59:00	0.9	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	8:57:00	10:08:00	1.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	12:41:00	14:00:00	1.32	PaxLoc	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-03	770	VRH-392373	19:15:00	19:35:00	0.33	DrillServ	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	12:41:00	14:00:00	1.32	DrillServ	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	8:37:00	9:07:00	0.5	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	5:58:00	7:12:00	1.23	DrillServ	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	21:30:00	23:58:00	2.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	10:46:00	12:09:00	1.38	Move	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	10:46:00	12:09:00	1.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	10:26:00	10:38:00	0.2	Move	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	7:00:00	8:08:00	1.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	4:19:00	6:30:00	2.18	CrewChg	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	4:19:00	6:30:00	2.18	Core	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	4:19:00	6:30:00	2.18	DrillServ	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	3:24:00	3:50:00	0.43	DrillServ	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	17:17:00	18:27:00	1.17	CrewChg	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	5:58:00	7:12:00	1.23	Core	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	21:30:00	23:58:00	2.47	Move	NA	Drillg
2017	Summer	2017-07-03	770	VRH-392373	21:30:00	23:58:00	2.47	DrillServ	NA	Drillg
2017	Summer	2017-07-03	776	ZRN-412920	10:26:00	10:38:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	17:17:00	18:27:00	1.17	Core	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	5:58:00	7:12:00	1.23	CrewChg	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	7:50:00	8:02:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	8:57:00	10:08:00	1.18	Move	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	10:20:00	10:31:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	10:45:00	10:59:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	17:17:00	18:27:00	1.17	DrillServ	NA	Drillg
2017	Summer	2017-07-03	771	JTI-841042	15:49:00	16:33:00	0.73	LocSIng	SLING/BOAT MOTOR 6134145.6110	Enviro
2017	Summer	2017-07-03	770	VRH-392373	15:05:00	15:59:00	0.9	PaxLoc	613000000.2372.100	Enviro
2017	Summer	2017-07-03	776	ZRN-412920	4:19:00	6:30:00	2.18	RAB	NA	Enviro
2017	Summer	2017-07-03	776	ZRN-412920	3:24:00	3:50:00	0.43	RAB	NA	Exploration
2017	Summer	2017-07-03	776	ZRN-412920	7:00:00	8:08:00	1.13	TMC	NA	Exploration
2017	Summer	2017-07-03	776	ZRN-412920	9:27:00	9:36:00	0.15	TMC	NA	Exploration
2017	Summer	2017-07-03	774	LYG-260896	12:25:00	14:34:00	2.15	Mapping	NA	Prospection
2017	Summer	2017-07-03	767	MHE-586838	9:27:00	10:07:00	0.67	PaxLoc	NA	Prospection
2017	Summer	2017-07-03	770	VRH-392373	15:05:00	15:59:00	0.9	Till	NA	Prospection
2017	Summer	2017-07-03	774	LYG-260896	7:01:00	7:24:00	0.38	Mapping	NA	Prospection
2017	Summer	2017-07-03	774	LYG-260896	16:14:00	16:42:00	0.47	Mapping	NA	Prospection
2017	Summer	2017-07-03	776	ZRN-412920	7:00:00	8:08:00	1.13	Till	NA	Prospection
2017	Summer	2017-07-03	784	QMR-617484	8:07:00	8:39:00	0.53	PaxLoc	NA	Prospection
2017	Summer	2017-07-03	784	QMR-617484	12:22:00	12:29:00	0.12	PaxLoc	NA	Prospection
2017	Summer	2017-07-03	784	QMR-617484	15:50:00	16:20:00	0.5	PaxLoc	NA	Prospection
2017	Summer	2017-07-03	767	MHE-586838	6:01:00	7:43:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-03	767	MHE-586838	18:26:00	18:57:00	0.52	PaxLoc	NA	Road Cons
2017	Summer	2017-07-03	767	MHE-586838	13:12:00	13:43:00	0.52	PaxLoc	NA	Road Cons
2017	Summer	2017-07-03	767	MHE-586838	16:27:00	18:03:00	1.6	PaxLoc	NA	Road Cons
2017	Summer	2017-07-04	778	GVNX20170704	8:58:00	10:10:00	1.2	Pax	NA	Camp
2017	Summer	2017-07-04	778	GVNX20170704	7:45:00	8:20:00	0.58	MbSIng	NA	Camp
2017	Summer	2017-07-04	779	VRH-392374	21:11:00	21:58:00	0.78	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	14:32:00	16:22:00	1.83	Move	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	19:28:00	19:37:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	5:51:00	6:55:00	1.07	CrewChg	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	4:06:00	6:44:00	2.63	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	2:56:00	3:14:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	5:51:00	6:55:00	1.07	Move	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	21:11:00	21:58:00	0.78	DrillServ	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	5:51:00	6:55:00	1.07	Core	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	7:55:00	8:08:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	14:32:00	16:22:00	1.83	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	16:32:00	16:59:00	0.45	DrillServ	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	17:14:00	18:35:00	1.35	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	12:00:00	12:07:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	16:32:00	16:59:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	9:30:00	13:10:00	3.67	Move	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	9:02:00	9:20:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	780	JTI-841043	18:00:00	18:23:00	0.38	CrewChg	NA	Drillg
2017	Summer	2017-07-04	778	GVNX20170704	12:55:00	13:28:00	0.55	MegBag	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	15:31:00	16:15:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	13:58:00	15:32:00	1.57	Move	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	13:58:00	15:32:00	1.57	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	10:26:00	10:53:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	9:58:00	10:10:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	17:14:00	18:35:00	1.35	CrewChg	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	8:01:00	8:09:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	6:59:00	7:12:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	4:06:00	6:44:00	2.63	DrillServ	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	4:06:00	6:44:00	2.63	Core	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	4:06:00	6:44:00	2.63	CrewChg	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	15:31:00	16:15:00	0.73	PaxLoc	NA	Drillg
2017	Summer	2017-07-04	779	VRH-392374	17:14:00	18:35:00	1.35	Core	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	10:26:00	10:53:00	0.45	Move	NA	Drillg
2017	Summer	2017-07-04	797	ZRN-412921	13:27:00	13:37:00	0.17	RAB	NA	Exploration
2017	Summer	2017-07-04	779	VRH-392374	22:42:00	22:53:00	0.18	RAB	NA	Exploration
2017	Summer	2017-07-04	779	VRH-392374	16:35:00	17:05:00	0.5	RAB	NA	Exploration
2017	Summer	2017-07-04	797	ZRN-412921	4:06:00	6:44:00	2.63	RAB	NA	Exploration
2017	Summer	2017-07-04	781	TEP-495148	14:55:00	15:08:00	0.22	Till	NA	Prospection
2017	Summer	2017-07-04	783	LYG-260897	15:05:00	15:32:00	0.45	Mapping	NA	Prospection
2017	Summer	2017-07-04	781	TEP-495148	7:30:00	8:52:00	1.37	Till	NA	Prospection
2017	Summer	2017-07-04	781	TEP-495148	11:18:00	11:29:00	0.18	Till	NA	Prospection
2017	Summer	2017-07-04	781	TEP-495148	15:34:00	15:57:00	0.38	Till	NA	Prospection
2017	Summer	2017-07-04	783	LYG-260897	13:01:00	13:12:00	0.18	Mapping	NA	Prospection
2017	Summer	2017-07-04	783	LYG-260897	7:38:00	8:10:00	0.53	Mapping	NA	Prospection
2017	Summer	2017-07-04	766	MHE-586839	6:00:00	7:42:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-04	912	MHE-517117	16:35:00	18:17:00	1.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-04	912	MHE-517117	18:25:00	19:06:00	0.68	PaxLoc	NA	Road Cons
2017	Summer	2017-07-05	787	GVNX20170706	7:00:00	10:00:00	3	Pax	NA	Camp
2017	Summer	2017-07-05	787	GVNX20170706	12:58:00	13:16:00	0.3	MbSIng	NA	Camp
2017	Summer	2017-07-05	791	ZRN-412922	4:12:00	5:18:00	1.1	DrillServ	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	16:38:00	19:03:00	2.42	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	8:47:00	9:46:00	0.98	Move	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	14:45:00	15:00:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	15:38:00	15:45:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	9:55:00	10:29:00	0.57	DrillServ	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	12:36:00	12:49:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	16:38:00	19:03:00	2.42	CrewChg	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-05	791	ZRN-412922	8:31:00	8:41:00	0.17	Move	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	16:38:00	19:03:00	2.42	DrillServ	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	11:17:00	11:33:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	4:12:00	5:18:00	1.1	Core	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	21:32:00	22:26:00	0.9	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	21:32:00	22:26:00	0.9	DrillServ	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	23:24:00	23:47:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	23:24:00	23:47:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-07-05	787	GVNX20170706	14:25:00	14:40:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	16:38:00	19:03:00	2.42	Core	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	17:05:00	17:17:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	15:59:00	16:37:00	0.63	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	13:19:00	13:40:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	795	VRH-392375	13:44:00	15:34:00	1.83	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	16:43:00	16:53:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	8:31:00	8:41:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	18:00:00	18:36:00	0.6	CrewChg	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	15:59:00	16:37:00	0.63	Core	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	3:02:00	3:28:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	4:12:00	5:18:00	1.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	5:39:00	6:29:00	0.83	CrewChg	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	5:39:00	6:29:00	0.83	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	6:02:00	7:56:00	1.9	CrewChg	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	7:38:00	7:50:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-05	791	ZRN-412922	3:02:00	3:28:00	0.43	Move	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	6:02:00	7:56:00	1.9	DrillServ	NA	Drillg
2017	Summer	2017-07-05	811	JTI-841069	6:02:00	7:56:00	1.9	Core	NA	Drillg
2017	Summer	2017-07-05	790	TEP-495149	15:38:00	15:55:00	0.28	Till	NA	Prospection
2017	Summer	2017-07-05	790	TEP-495149	14:39:00	14:57:00	0.3	Till	NA	Prospection
2017	Summer	2017-07-05	790	TEP-495149	7:17:00	8:11:00	0.9	Till	NA	Prospection
2017	Summer	2017-07-05	793	LYG-260898	6:54:00	7:18:00	0.4	Mapping	NA	Prospection
2017	Summer	2017-07-05	793	LYG-260898	15:28:00	15:57:00	0.48	Mapping	NA	Prospection
2017	Summer	2017-07-05	790	TEP-495149	8:21:00	8:40:00	0.32	Till	NA	Prospection
2017	Summer	2017-07-05	796	MHE-517118	6:01:00	7:44:00	1.72	PaxLoc	NA	Road Cons
2017	Summer	2017-07-05	796	MHE-517118	10:01:00	10:41:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-05	796	MHE-517118	16:25:00	18:14:00	1.82	PaxLoc	NA	Road Cons
2017	Summer	2017-07-05	796	MHE-517118	18:25:00	19:02:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-07-05	796	MHE-517118	13:07:00	13:42:00	0.58	PaxLoc	NA	Road Cons
2017	Summer	2017-07-06	799	GVNX20170706	13:14:00	13:33:00	0.32	MbSing	NA	Camp
2017	Summer	2017-07-06	799	GVNX20170706	8:05:00	8:23:00	0.3	Groc	NA	Camp
2017	Summer	2017-07-06	799	GVNX20170706	9:03:00	9:40:00	0.62	Pax	NA	Camp
2017	Summer	2017-07-06	816	VRH-392376	21:18:00	21:34:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-07-06	800	JTI-841045	10:14:00	11:07:00	0.88	Core	NA	Drillg
2017	Summer	2017-07-06	800	JTI-841045	10:14:00	11:07:00	0.88	DrillServ	NA	Drillg
2017	Summer	2017-07-06	800	JTI-841045	5:56:00	6:26:00	0.5	CrewChg	NA	Drillg
2017	Summer	2017-07-06	799	GVNX20170706	16:26:00	17:04:00	0.63	MegBag	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	15:27:00	20:14:00	4.78	DrillServ	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	21:18:00	21:34:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	21:55:00	23:39:00	1.73	Move	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	21:55:00	23:39:00	1.73	DrillServ	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	15:27:00	20:14:00	4.78	Move	NA	Drillg
2017	Summer	2017-07-06	800	JTI-841045	17:22:00	18:12:00	0.83	Core	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	15:27:00	20:14:00	4.78	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	10:04:00	11:54:00	1.83	Move	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	15:27:00	20:14:00	4.78	CrewChg	NA	Drillg
2017	Summer	2017-07-06	800	JTI-841045	17:22:00	18:12:00	0.83	CrewChg	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	4:43:00	7:19:00	2.6	DrillServ	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	4:43:00	7:19:00	2.6	Core	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	7:41:00	9:21:00	1.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	9:33:00	9:53:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	7:41:00	9:21:00	1.67	Move	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	10:04:00	11:54:00	1.83	DrillServ	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	15:27:00	20:14:00	4.78	Core	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	10:04:00	11:54:00	1.83	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	13:26:00	13:56:00	0.5	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	13:26:00	13:56:00	0.5	DrillServ	NA	Drillg
2017	Summer	2017-07-06	816	VRH-392376	14:35:00	15:11:00	0.6	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	4:43:00	7:19:00	2.6	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	3:13:00	3:28:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	4:43:00	7:19:00	2.6	CrewChg	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	3:42:00	3:51:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-06	814	ZRN-411703	7:41:00	9:21:00	1.67	PaxLoc	613000000.2372.100	Enviro
2017	Summer	2017-07-06	816	VRH-392376	14:35:00	15:11:00	0.6	PaxLoc	613000000.2372.100	Enviro
2017	Summer	2017-07-06	814	ZRN-411703	4:43:00	7:19:00	2.6	RAB	NA	Exploration
2017	Summer	2017-07-06	816	VRH-392376	10:01:00	10:21:00	0.33	RAB	NA	Exploration
2017	Summer	2017-07-06	816	VRH-392376	15:27:00	20:14:00	4.78	RAB	NA	Exploration
2017	Summer	2017-07-06	794	TEP-495150	15:25:00	15:49:00	0.4	Till	NA	Prospection
2017	Summer	2017-07-06	806	LYG-260899	16:10:00	16:33:00	0.38	Mapping	NA	Prospection
2017	Summer	2017-07-06	806	LYG-260899	12:52:00	13:12:00	0.33	Mapping	NA	Prospection
2017	Summer	2017-07-06	806	LYG-260899	7:04:00	7:21:00	0.28	Mapping	NA	Prospection
2017	Summer	2017-07-06	794	TEP-495150	7:11:00	8:42:00	1.52	Till	NA	Prospection
2017	Summer	2017-07-06	806	LYG-260899	11:59:00	12:30:00	0.52	Mapping	NA	Prospection
2017	Summer	2017-07-06	806	LYG-260899	9:19:00	9:36:00	0.28	Mapping	NA	Prospection
2017	Summer	2017-07-06	804	MHE-517119	18:22:00	19:02:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-06	804	MHE-517119	5:58:00	7:48:00	1.83	PaxLoc	NA	Road Cons
2017	Summer	2017-07-06	804	MHE-517119	16:26:00	18:11:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-07	798	GVNX20170707	13:37:00	13:55:00	0.3	Pax	NA	Camp
2017	Summer	2017-07-07	809	ZRN-411704	5:28:00	6:36:00	1.13	CrewChg	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	5:28:00	6:36:00	1.13	DrillServ	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	7:23:00	7:53:00	0.5	DrillServ	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	9:33:00	9:56:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	5:28:00	6:36:00	1.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	12:17:00	12:28:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	8:21:00	8:52:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	4:32:00	5:14:00	0.7	Core	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	4:32:00	5:14:00	0.7	DrillServ	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	4:32:00	5:14:00	0.7	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	809	ZRN-411704	3:28:00	3:43:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	16:23:00	18:28:00	2.08	CrewChg	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	15:45:00	16:12:00	0.45	Move	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	13:47:00	15:05:00	1.3	Move	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	13:47:00	15:05:00	1.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	12:03:00	13:37:00	1.57	Move	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	11:22:00	11:44:00	0.37	PaxLoc	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-07	801	JTI-841046	6:33:00	6:42:00	0.15	CrewChg	NA	Drillg
2017	Summer	2017-07-07	798	GVNX20170707	14:11:00	14:27:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	13:39:00	14:24:00	0.75	DrillServ	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	5:52:00	6:03:00	0.18	CrewChg	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	16:23:00	18:28:00	2.08	DrillServ	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	13:39:00	14:24:00	0.75	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	22:30:00	22:50:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	15:59:00	18:52:00	2.88	Core	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	15:59:00	18:52:00	2.88	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	15:59:00	18:52:00	2.88	DrillServ	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	15:59:00	18:52:00	2.88	CrewChg	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	15:04:00	15:18:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-07	818	VRH-392377	15:04:00	15:18:00	0.23	DrillServ	NA	Drillg
2017	Summer	2017-07-07	801	JTI-841046	16:23:00	18:28:00	2.08	PaxLoc	6134145.6110 Robin Allard	Enviro
2017	Summer	2017-07-07	809	ZRN-411704	7:23:00	7:53:00	0.5	PaxLoc	613000000.2372.100	Enviro
2017	Summer	2017-07-07	809	ZRN-411704	10:57:00	11:15:00	0.3	PaxLoc	613000000.2372.100	Enviro
2017	Summer	2017-07-07	809	ZRN-411704	8:21:00	8:52:00	0.52	RAB	NA	Exploration
2017	Summer	2017-07-07	818	VRH-392377	21:54:00	22:08:00	0.23	Drone	NA	Exploration
2017	Summer	2017-07-07	818	VRH-392377	13:39:00	14:24:00	0.75	RAB	NA	Exploration
2017	Summer	2017-07-07	809	ZRN-411704	4:32:00	5:14:00	0.7	RAB	NA	Exploration
2017	Summer	2017-07-07	818	VRH-392377	21:54:00	22:08:00	0.23	RAB	NA	Exploration
2017	Summer	2017-07-07	813	TEP-495151	7:29:00	8:59:00	1.5	Till	NA	Prospection
2017	Summer	2017-07-07	818	VRH-392377	15:59:00	18:52:00	2.88	Mapping	NA	Prospection
2017	Summer	2017-07-07	809	ZRN-411704	8:21:00	8:52:00	0.52	Mapping	NA	Prospection
2017	Summer	2017-07-07	813	TEP-495151	15:24:00	15:52:00	0.47	Till	NA	Prospection
2017	Summer	2017-07-07	805	MHE-517120	18:24:00	19:01:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-07-07	805	MHE-517120	16:25:00	18:09:00	1.73	PaxLoc	NA	Road Cons
2017	Summer	2017-07-07	805	MHE-517120	5:58:00	7:51:00	1.88	PaxLoc	NA	Road Cons
2017	Summer	2017-07-08	820	GVNX-20170708	11:04:00	11:40:00	0.6	MbSIng	NA	Camp
2017	Summer	2017-07-08	824	JTI-841047	5:55:00	6:27:00	0.53	CrewChg	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	3:03:00	3:19:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	3:36:00	4:11:00	0.58	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	820	GVNX-20170708	13:51:00	14:27:00	0.6	MegBag	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	15:13:00	16:28:00	1.25	DrillServ	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	15:13:00	16:28:00	1.25	Move	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	15:21:00	15:39:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	824	JTI-841047	16:42:00	18:31:00	1.82	DrillServ	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	4:34:00	6:29:00	1.92	DrillServ	NA	Drillg
2017	Summer	2017-07-08	824	JTI-841047	16:42:00	18:31:00	1.82	CrewChg	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	4:34:00	6:29:00	1.92	CrewChg	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	15:13:00	16:28:00	1.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	4:34:00	6:29:00	1.92	Core	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	Core	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	CrewChg	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	DrillServ	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	13:23:00	14:02:00	0.65	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	21:58:00	23:05:00	1.12	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	21:58:00	23:05:00	1.12	DrillServ	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	9:59:00	10:13:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	9:08:00	9:22:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	823	ZRN-411705	14:55:00	15:05:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	Move	NA	Drillg
2017	Summer	2017-07-08	824	JTI-841047	12:00:00	12:18:00	0.3	PaxLoc	6134145.611	Enviro
2017	Summer	2017-07-08	824	JTI-841047	9:54:00	10:08:00	0.23	PaxLoc	6134145.611	Enviro
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	RAB	NA	Exploration
2017	Summer	2017-07-08	823	ZRN-411705	3:36:00	4:11:00	0.58	RAB	NA	Exploration
2017	Summer	2017-07-08	823	ZRN-411705	9:59:00	10:13:00	0.23	Drone	NA	Exploration
2017	Summer	2017-07-08	823	ZRN-411705	9:08:00	9:22:00	0.23	RAB	NA	Exploration
2017	Summer	2017-07-08	823	ZRN-411705	7:47:00	8:28:00	0.68	Drone	NA	Exploration
2017	Summer	2017-07-08	823	ZRN-411705	7:47:00	8:28:00	0.68	Mapping	NA	Prospection
2017	Summer	2017-07-08	826	TEP-495152	14:16:00	14:23:00	0.12	Till	NA	Prospection
2017	Summer	2017-07-08	826	TEP-495152	12:06:00	12:28:00	0.37	Till	NA	Prospection
2017	Summer	2017-07-08	825	VRH-392378	16:23:00	21:48:00	5.42	Mapping	NA	Prospection
2017	Summer	2017-07-08	826	TEP-495152	9:47:00	10:17:00	0.5	Till	NA	Prospection
2017	Summer	2017-07-08	826	TEP-495152	7:00:00	8:03:00	1.05	Till	NA	Prospection
2017	Summer	2017-07-08	826	TEP-495152	15:15:00	15:38:00	0.38	Till	NA	Prospection
2017	Summer	2017-07-08	821	MHE-517121	18:22:00	18:02:00	0.33	PaxLoc	NA	Road Cons
2017	Summer	2017-07-08	821	MHE-517121	5:58:00	7:45:00	1.78	PaxLoc	NA	Road Cons
2017	Summer	2017-07-08	821	MHE-517121	16:25:00	18:10:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-09	828	GVNX20170709	11:20:00	11:36:00	0.27	MbSIng	NA	Camp
2017	Summer	2017-07-09	828	GVNX20170709	15:00:00	15:15:00	0.25	PaxLoc	NA	Camp
2017	Summer	2017-07-09	834	ZRN-411706	12:39:00	13:50:00	1.18	DrillServ	NA	Drillg
2017	Summer	2017-07-09	834	ZRN-411706	4:15:00	5:37:00	1.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	834	ZRN-411706	4:15:00	5:37:00	1.37	Core	NA	Drillg
2017	Summer	2017-07-09	834	ZRN-411706	4:15:00	5:37:00	1.37	DrillServ	NA	Drillg
2017	Summer	2017-07-09	834	ZRN-411706	5:47:00	6:23:00	0.6	CrewChg	NA	Drillg
2017	Summer	2017-07-09	834	ZRN-411706	8:18:00	8:28:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	16:28:00	18:34:00	2.1	DrillServ	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	16:28:00	18:34:00	2.1	Core	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	16:28:00	18:34:00	2.1	CrewChg	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	20:12:00	20:54:00	0.7	DrillServ	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	22:37:00	22:47:00	0.17	DrillServ	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	5:58:00	6:58:00	1	Core	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	20:12:00	20:54:00	0.7	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	828	GVNX20170709	15:00:00	15:15:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	8:29:00	8:39:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	15:03:00	15:13:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	5:58:00	6:58:00	1	CrewChg	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	5:58:00	6:58:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	15:32:00	17:45:00	2.22	DrillServ	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	9:50:00	10:03:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	10:41:00	10:53:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	14:46:00	14:57:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	15:32:00	17:45:00	2.22	CrewChg	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	15:32:00	17:45:00	2.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-09	833	JTI-841048	15:32:00	17:45:00	2.22	Move	NA	Drillg
2017	Summer	2017-07-09	835	VRH-392379	16:28:00	18:34:00	2.1	RAB	NA	Exploration
2017	Summer	2017-07-09	834	ZRN-411706	12:39:00	13:50:00	1.18	RAB	NA	Exploration
2017	Summer	2017-07-09	834	ZRN-411706	4:15:00	5:37:00	1.37	RAB	NA	Exploration
2017	Summer	2017-07-09	830	TEP-495153	15:05:00	15:29:00	0.4	Till	NA	Prospection
2017	Summer	2017-07-09	829	LYG-260902	8:06:00	8:41:00	0.58	Mapping	NA	Prospection
2017	Summer	2017-07-09	830	TEP-495153	6:54:00	7:53:00	0.98	Till	NA	Prospection

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-09	829	LYG-260902	15:20:00	15:52:00	0.53	Mapping	NA	Prospection
2017	Summer	2017-07-09	830	TEP-495153	11:22:00	11:46:00	0.4	Till	NA	Prospection
2017	Summer	2017-07-09	830	TEP-495153	9:50:00	10:11:00	0.35	Till	NA	Prospection
2017	Summer	2017-07-09	829	LYG-260902	11:19:00	11:35:00	0.27	Mapping	NA	Prospection
2017	Summer	2017-07-09	836	MHE-517122	18:24:00	19:01:00	0.62	PaxLoc	NA	Road Cons
2017	Summer	2017-07-09	836	MHE-517122	16:25:00	18:10:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-09	836	MHE-517122	5:56:00	7:45:00	1.82	PaxLoc	NA	Road Cons
2017	Summer	2017-07-10	842	GVNX20170710	8:50:00	12:15:00	3.42	MbSIng	NA	Camp
2017	Summer	2017-07-10	842	GVNX20170710	7:45:00	8:40:00	0.92	Pax	NA	Camp
2017	Summer	2017-07-10	840	TEP-495154	15:31:00	15:51:00	0.33	Till	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	21:18:00	23:46:00	2.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	21:18:00	23:46:00	2.47	DrillServ	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	16:14:00	20:26:00	4.2	CrewChg	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	16:14:00	20:26:00	4.2	Core	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	16:14:00	20:26:00	4.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	15:21:00	15:31:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	6:52:00	5:16:00	1.6	DrillServ	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	14:44:00	16:29:00	1.75	Move	NA	Drillg
2017	Summer	2017-07-10	839	VRH-392380	16:14:00	20:26:00	4.2	DrillServ	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	5:55:00	6:17:00	0.37	CrewChg	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	13:27:00	15:43:00	2.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	13:27:00	15:43:00	2.27	Move	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	6:52:00	5:16:00	1.6	Core	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	13:27:00	15:43:00	2.27	DrillServ	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	13:46:00	14:14:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	15:57:00	16:18:00	0.35	DrillServ	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	17:08:00	17:29:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	842	GVNX20170710	14:38:00	14:52:00	0.23	MegBag	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	14:44:00	16:29:00	1.75	DrillServ	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	14:16:00	14:27:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	849	JTI-841049	18:05:00	18:26:00	0.35	CrewChg	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	12:21:00	12:40:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	9:58:00	10:07:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	6:45:00	7:00:00	0.25	CrewChg	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	5:38:00	6:20:00	0.7	Core	NA	Drillg
2017	Summer	2017-07-10	841	ZRN-411707	12:21:00	12:40:00	0.32	Drone	NA	Exploration
2017	Summer	2017-07-10	839	VRH-392380	21:18:00	23:46:00	2.47	RAB	NA	Exploration
2017	Summer	2017-07-10	841	ZRN-411707	5:38:00	6:20:00	0.7	RAB	NA	Exploration
2017	Summer	2017-07-10	839	VRH-392380	14:47:00	15:00:00	0.22	RAB	NA	Exploration
2017	Summer	2017-07-10	839	VRH-392380	16:14:00	20:26:00	4.2	RAB	NA	Exploration
2017	Summer	2017-07-10	841	ZRN-411707	6:52:00	5:16:00	1.6	Drone	NA	Exploration
2017	Summer	2017-07-10	832	TEP-495154	6:54:00	7:53:00	0.98	Till	NA	Prospection
2017	Summer	2017-07-10	842	GVNX20170710	8:50:00	12:15:00	3.42	LakeSed	Gear for Lake sediment transfer to MB	Prospection
2017	Summer	2017-07-10	840	TEP-495154	9:47:00	10:01:00	0.23	Till	NA	Prospection
2017	Summer	2017-07-10	840	TEP-495154	9:02:00	9:17:00	0.25	Till	NA	Prospection
2017	Summer	2017-07-10	840	TEP-495154	7:23:00	8:45:00	1.37	Till	NA	Prospection
2017	Summer	2017-07-10	837	LYG-260903	13:25:00	13:41:00	0.27	Mapping	NA	Prospection
2017	Summer	2017-07-10	832	TEP-495154	9:50:00	10:11:00	0.35	Till	NA	Prospection
2017	Summer	2017-07-10	832	TEP-495154	11:22:00	11:46:00	0.4	Till	NA	Prospection
2017	Summer	2017-07-10	832	TEP-495154	15:05:00	15:29:00	0.4	Till	NA	Prospection
2017	Summer	2017-07-10	837	LYG-260903	7:58:00	8:21:00	0.38	Mapping	NA	Prospection
2017	Summer	2017-07-10	840	TEP-495154	10:44:00	11:02:00	0.3	Till	NA	Prospection
2017	Summer	2017-07-10	837	LYG-260903	15:29:00	15:59:00	0.5	Mapping	NA	Prospection
2017	Summer	2017-07-10	844	MHE-517123	9:48:00	10:22:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-07-10	844	MHE-517123	16:25:00	18:08:00	1.72	PaxLoc	NA	Road Cons
2017	Summer	2017-07-10	844	MHE-517123	18:20:00	19:01:00	0.68	PaxLoc	NA	Road Cons
2017	Summer	2017-07-10	844	MHE-517123	5:58:00	7:45:00	1.78	PaxLoc	NA	Road Cons
2017	Summer	2017-07-10	844	MHE-517123	13:04:00	13:44:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-11	845	GVNX20170711	7:43:00	9:50:00	2.12	Pax	NA	Camp
2017	Summer	2017-07-11	845	GVNX20170711	15:56:00	16:30:00	0.57	MbSIng	NA	Camp
2017	Summer	2017-07-11	846	ZRN-411708	4:15:00	8:15:00	4	DrillServ	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	13:09:00	13:54:00	0.75	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	13:09:00	13:54:00	0.75	DrillServ	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	13:09:00	13:54:00	0.75	DrillServ	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	8:47:00	11:56:00	3.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	8:47:00	11:56:00	3.15	Move	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	4:15:00	8:15:00	4	Move	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	4:15:00	8:15:00	4	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	4:15:00	8:15:00	4	Core	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	4:15:00	8:15:00	4	CrewChg	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	4:03:00	4:09:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	8:47:00	11:56:00	3.15	DrillServ	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	16:17:00	18:33:00	2.27	DrillServ	NA	Drillg
2017	Summer	2017-07-11	846	ZRN-411708	3:14:00	3:29:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	860	JTI-841050	18:10:00	18:32:00	0.37	CrewChg	NA	Drillg
2017	Summer	2017-07-11	860	JTI-841050	16:31:00	18:02:00	1.52	Move	NA	Drillg
2017	Summer	2017-07-11	860	JTI-841050	14:08:00	16:29:00	2.35	Move	NA	Drillg
2017	Summer	2017-07-11	860	JTI-841050	13:37:00	13:48:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	860	JTI-841050	6:02:00	6:45:00	0.72	Core	NA	Drillg
2017	Summer	2017-07-11	860	JTI-841050	6:02:00	6:45:00	0.72	CrewChg	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	19:32:00	20:48:00	1.27	DrillServ	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	16:17:00	18:33:00	2.27	Core	NA	Drillg
2017	Summer	2017-07-11	845	GVNX20170711	14:42:00	14:57:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	16:17:00	18:33:00	2.27	CrewChg	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	11:14:00	15:55:00	4.68	DrillServ	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	11:14:00	15:55:00	4.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	19:32:00	20:48:00	1.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-11	859	VRH-392381	22:13:00	22:21:00	0.13	RAB	NA	Exploration
2017	Summer	2017-07-11	859	VRH-392381	16:17:00	18:33:00	2.27	RAB	NA	Exploration
2017	Summer	2017-07-11	859	VRH-392381	19:32:00	20:48:00	1.27	RAB	NA	Exploration
2017	Summer	2017-07-11	846	ZRN-411708	4:15:00	8:15:00	4	RAB	NA	Exploration
2017	Summer	2017-07-11	856	TEP-495155	9:58:00	10:13:00	0.25	Till	NA	Prospection
2017	Summer	2017-07-11	856	TEP-495155	7:40:00	8:52:00	1.2	Till	NA	Prospection
2017	Summer	2017-07-11	856	TEP-495155	15:23:00	15:38:00	0.25	Till	NA	Prospection
2017	Summer	2017-07-11	848	MHE-517124	16:22:00	18:07:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-11	848	MHE-517124	5:56:00	7:07:00	1.18	PaxLoc	NA	Road Cons
2017	Summer	2017-07-11	848	MHE-517124	18:24:00	19:03:00	0.65	PaxLoc	NA	Road Cons
2017	Summer	2017-07-11	848	MHE-517124	7:20:00	8:00:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-12	866	GVNX20170712	7:55:00	8:10:00	0.25	Pax	NA	Camp
2017	Summer	2017-07-12	850	LYG-260905	8:25:00	8:45:00	0.33	Pax	NA	Camp
2017	Summer	2017-07-12	866	GVNX20170712	16:08:00	16:42:00	0.57	Groc	NA	Camp
2017	Summer	2017-07-12	866	GVNX20170712	7:22:00	7:37:00	0.25	Groc	NA	Camp

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-12	866	GVNX20170712	8:25:00	9:20:00	0.92	Pax	NA	Camp
2017	Summer	2017-07-12	863	VRH-211354	13:30:00	13:48:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	20:29:00	21:10:00	0.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	6:01:00	7:29:00	1.47	CrewChg	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	14:18:00	14:56:00	0.63	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	15:30:00	15:44:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	16:08:00	16:19:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	16:32:00	19:38:00	3.1	Core	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	16:32:00	19:38:00	3.1	DrillServ	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	16:32:00	19:38:00	3.1	CrewChg	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	20:29:00	21:10:00	0.68	DrillServ	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	8:14:00	10:43:00	2.48	Move	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	20:29:00	21:10:00	0.68	Move	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	21:55:00	22:05:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	8:14:00	10:43:00	2.48	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	6:01:00	7:29:00	1.47	Core	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	22:22:00	23:59:00	1.62	Move	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	22:22:00	23:59:00	1.62	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	14:18:00	14:56:00	0.63	DrillServ	NA	Drillg
2017	Summer	2017-07-12	866	GVNX20170712	13:57:00	14:12:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	6:01:00	7:29:00	1.47	DrillServ	NA	Drillg
2017	Summer	2017-07-12	863	VRH-211354	16:32:00	19:38:00	3.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	17:28:00	18:22:00	0.9	CrewChg	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	3:37:00	3:47:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	4:28:00	4:51:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	4:28:00	4:51:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	5:02:00	7:50:00	2.8	Move	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	5:02:00	7:50:00	2.8	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	5:02:00	7:50:00	2.8	Core	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	17:28:00	18:22:00	0.9	Core	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	5:02:00	7:50:00	2.8	DrillServ	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	15:43:00	16:20:00	0.62	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	8:00:00	8:10:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	12:06:00	12:19:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	8:44:00	8:53:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	8:14:00	10:43:00	2.48	DrillServ	NA	Drillg
2017	Summer	2017-07-12	855	ZRN-411709	5:02:00	7:50:00	2.8	CrewChg	NA	Drillg
2017	Summer	2017-07-12	867	JTI-841051	14:39:00	14:51:00	0.2	LocSIng	6134145.611	Enviro
2017	Summer	2017-07-12	867	JTI-841051	14:58:00	15:12:00	0.23	LocSIng	6134145.611	Enviro
2017	Summer	2017-07-12	867	JTI-841051	15:19:00	15:30:00	0.18	LocSIng	6134145.611	Enviro
2017	Summer	2017-07-12	855	ZRN-411709	5:02:00	7:50:00	2.8	RAB	NA	Exploration
2017	Summer	2017-07-12	855	ZRN-411709	10:51:00	11:01:00	0.17	RAB	NA	Exploration
2017	Summer	2017-07-12	863	VRH-211354	16:32:00	19:38:00	3.1	RAB	NA	Exploration
2017	Summer	2017-07-12	861	TEP-495156	7:51:00	9:29:00	1.63	Till	NA	Prospection
2017	Summer	2017-07-12	861	TEP-495156	15:25:00	15:48:00	0.38	Till	NA	Prospection
2017	Summer	2017-07-12	854	MHE-517125	16:25:00	18:11:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-12	854	MHE-517125	18:19:00	18:58:00	0.65	PaxLoc	NA	Road Cons
2017	Summer	2017-07-12	854	MHE-517125	11:52:00	12:25:00	0.55	PaxLoc	NA	Road Cons
2017	Summer	2017-07-12	854	MHE-517125	10:39:00	11:12:00	0.55	PaxLoc	NA	Road Cons
2017	Summer	2017-07-12	854	MHE-517125	6:00:00	7:52:00	1.87	PaxLoc	NA	Road Cons
2017	Summer	2017-07-13	865	GVNX20170713	8:13:00	8:29:00	0.27	MbSIng	NA	Camp
2017	Summer	2017-07-13	865	GVNX20170713	12:50:00	13:07:00	0.28	Pax	NA	Camp
2017	Summer	2017-07-13	865	GVNX20170713	11:28:00	11:43:00	0.25	Pax	NA	Camp
2017	Summer	2017-07-13	865	GVNX20170713	15:42:00	16:00:00	0.3	Pax	NA	Camp
2017	Summer	2017-07-13	865	GVNX20170713	11:02:00	11:20:00	0.3	Pax	NA	Camp
2017	Summer	2017-07-13	865	GVNX20170713	8:44:00	9:00:00	0.27	Pax	NA	Camp
2017	Summer	2017-07-13	853	TEP-495157	7:50:00	8:14:00	0.4	Pax	crew change	Camp
2017	Summer	2017-07-13	865	GVNX20170713	11:02:00	11:20:00	0.3	MbSIng	NA	Camp
2017	Summer	2017-07-13	873	ZRN-411710	14:35:00	14:51:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	16:17:00	18:55:00	2.63	CrewChg	NA	Drillg
2017	Summer	2017-07-13	865	GVNX20170713	15:42:00	16:00:00	0.3	MegBag	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	5:58:00	7:31:00	1.55	DrillServ	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	15:32:00	15:56:00	0.4	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	19:19:00	19:59:00	0.67	Move	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	19:19:00	19:59:00	0.67	DrillServ	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	19:19:00	19:59:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	16:17:00	18:55:00	2.63	Core	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	16:17:00	18:55:00	2.63	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	16:17:00	18:55:00	2.63	DrillServ	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	20:54:00	21:34:00	0.67	Move	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	5:58:00	7:31:00	1.55	Core	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	21:51:00	22:05:00	0.23	DrillServ	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	9:19:00	9:35:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	10:22:00	10:31:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	13:23:00	15:11:00	1.8	Move	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	15:13:00	17:56:00	2.72	Move	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	18:01:00	18:59:00	0.97	CrewChg	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	18:01:00	18:59:00	0.97	Move	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	12:46:00	13:06:00	0.33	DrillServ	NA	Drillg
2017	Summer	2017-07-13	868	JTI-841052	5:58:00	7:31:00	1.55	CrewChg	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	5:02:00	6:35:00	1.55	Core	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	16:05:00	17:44:00	1.65	Move	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	15:12:00	15:22:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	12:46:00	13:06:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	12:24:00	13:11:00	0.78	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	10:21:00	10:31:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	9:03:00	9:31:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	20:54:00	21:34:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	5:02:00	6:35:00	1.55	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	4:35:00	4:47:00	0.2	DrillServ	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	22:16:00	23:35:00	1.32	Move	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	22:16:00	23:35:00	1.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	22:16:00	23:35:00	1.32	DrillServ	NA	Drillg
2017	Summer	2017-07-13	869	VRH-211355	21:51:00	22:05:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	5:02:00	6:35:00	1.55	Core	NA	Drillg
2017	Summer	2017-07-13	873	ZRN-411710	15:32:00	15:56:00	0.4	RAB	NA	Exploration
2017	Summer	2017-07-13	869	VRH-211355	16:17:00	18:55:00	2.63	RAB	NA	Exploration
2017	Summer	2017-07-13	873	ZRN-411710	13:47:00	13:56:00	0.15	RAB	NA	Exploration
2017	Summer	2017-07-13	873	ZRN-411710	7:28:00	8:11:00	0.72	RAB	NA	Exploration
2017	Summer	2017-07-13	873	ZRN-411710	5:02:00	6:35:00	1.55	RAB	NA	Exploration
2017	Summer	2017-07-13	873	ZRN-411710	14:35:00	14:51:00	0.27	RAB	NA	Exploration
2017	Summer	2017-07-13	869	VRH-211355	20:54:00	21:34:00	0.67	RAB	NA	Exploration
2017	Summer	2017-07-13	869	VRH-211355	12:46:00	13:06:00	0.33	RAB	NA	Exploration
2017	Summer	2017-07-13	879	LYG-007062	16:27:00	16:55:00	0.47	Mapping	NA	Prospection

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-13	879	LYG-007062	7:55:00	8:17:00	0.37	Mapping	NA	Prospection
2017	Summer	2017-07-13	873	ZRN-411710	12:24:00	13:11:00	0.78	Till	NA	Prospection
2017	Summer	2017-07-13	873	ZRN-411710	7:28:00	8:11:00	0.72	Till	NA	Prospection
2017	Summer	2017-07-13	872	MHE-517126	16:25:00	18:10:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-13	872	MHE-517126	18:19:00	18:57:00	0.63	PaxLoc	NA	Road Cons
2017	Summer	2017-07-13	872	MHE-517126	5:58:00	7:48:00	1.83	PaxLoc	NA	Road Cons
2017	Summer	2017-07-14	881	GVNX20170714	8:37:00	8:51:00	0.23	Pax	NA	Camp
2017	Summer	2017-07-14	881	GVNX20170714	11:07:00	11:28:00	0.35	MbSIng	NA	Camp
2017	Summer	2017-07-14	881	GVNX20170714	8:02:00	8:21:00	0.32	MbSIng	NA	Camp
2017	Summer	2017-07-14	881	GVNX20170714	5:35:00	5:50:00	0.25	MbSIng	NA	Camp
2017	Summer	2017-07-14	881	GVNX20170714	11:46:00	12:00:00	0.23	MbSIng	NA	Camp
2017	Summer	2017-07-14	884	ZRN-411711	3:50:00	9:15:00	5.42	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	12:36:00	12:46:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	22:16:00	22:21:00	0.08	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	13:29:00	13:46:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	13:29:00	13:46:00	0.28	DrillServ	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	14:37:00	14:48:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	14:56:00	15:10:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	15:20:00	15:57:00	0.62	DrillServ	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	16:42:00	18:24:00	1.7	CrewChg	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	3:11:00	3:36:00	0.42	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	16:42:00	18:24:00	1.7	Core	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	3:11:00	3:36:00	0.42	DrillServ	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	16:42:00	18:24:00	1.7	DrillServ	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	22:35:00	23:46:00	1.18	Move	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	22:35:00	23:46:00	1.18	DrillServ	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	16:42:00	18:24:00	1.7	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	19:09:00	19:37:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	3:50:00	9:15:00	5.42	Core	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	10:47:00	11:01:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	5:56:00	7:41:00	1.75	Core	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	17:54:00	18:21:00	0.45	CrewChg	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	11:27:00	11:50:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	16:36:00	17:20:00	0.73	Core	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	16:36:00	17:20:00	0.73	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	9:58:00	10:15:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	9:30:00	10:09:00	0.65	Move	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	7:54:00	9:28:00	1.57	Move	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	5:56:00	7:41:00	1.75	CrewChg	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	3:50:00	9:15:00	5.42	CrewChg	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	5:56:00	7:41:00	1.75	DrillServ	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	3:50:00	9:15:00	5.42	DrillServ	NA	Drillg
2017	Summer	2017-07-14	884	ZRN-411711	3:50:00	9:15:00	5.42	Move	NA	Drillg
2017	Summer	2017-07-14	877	JTI-841053	15:37:00	15:49:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-14	883	VRH-211356	14:37:00	14:48:00	0.18	RAB	NA	Exploration
2017	Summer	2017-07-14	884	ZRN-411711	3:50:00	9:15:00	5.42	RAB	NA	Exploration
2017	Summer	2017-07-14	883	VRH-211356	19:09:00	19:37:00	0.47	RAB	NA	Exploration
2017	Summer	2017-07-14	883	VRH-211356	16:42:00	18:24:00	1.7	RAB	NA	Exploration
2017	Summer	2017-07-14	881	GVNX20170714	6:47:00	7:18:00	0.52	Till	to Baker Laker with gear	Prospection
2017	Summer	2017-07-14	881	GVNX20170714	7:25:00	7:52:00	0.45	Till	to Baker Lake with gear	Prospection
2017	Summer	2017-07-14	878	MHE-517127	5:57:00	7:17:00	1.33	PaxLoc	NA	Road Cons
2017	Summer	2017-07-14	878	MHE-517127	7:30:00	8:06:00	0.6	PaxLoc	NA	Road Cons
2017	Summer	2017-07-14	878	MHE-517127	16:25:00	18:11:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-14	878	MHE-517127	18:22:00	19:02:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-15	897	JTI-841054	7:41:00	9:08:00	1.45	Quaternary	NA	NA
2017	Summer	2017-07-15	887	GVNX20170715	12:05:00	12:24:00	0.32	Pax	NA	Camp
2017	Summer	2017-07-15	887	GVNX20170715	7:20:00	7:40:00	0.33	MbSIng	NA	Camp
2017	Summer	2017-07-15	887	GVNX20170715	5:50:00	6:04:00	0.23	Pax	NA	Camp
2017	Summer	2017-07-15	887	GVNX20170715	5:25:00	5:42:00	0.28	Pax	NA	Camp
2017	Summer	2017-07-15	887	GVNX20170715	6:18:00	6:34:00	0.27	MegBag	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	9:48:00	10:41:00	0.88	Move	NA	Drillg
2017	Summer	2017-07-15	887	GVNX20170715	6:45:00	6:59:00	0.23	MegBag	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	9:48:00	10:41:00	0.88	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	3:22:00	5:30:00	2.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	887	GVNX20170715	17:55:00	8:09:00	9.77	MegBag	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	5:41:00	6:42:00	1.02	CrewChg	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	3:22:00	5:30:00	2.13	Move	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	3:22:00	5:30:00	2.13	DrillServ	NA	Drillg
2017	Summer	2017-07-15	887	GVNX20170715	14:48:00	15:02:00	0.23	MegBag	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	3:22:00	5:30:00	2.13	Core	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	16:42:00	17:31:00	0.82	DrillServ	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	8:25:00	8:34:00	0.15	Core	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	7:41:00	9:08:00	1.45	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	17:52:00	18:22:00	0.5	CrewChg	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	16:49:00	17:25:00	0.6	DrillServ	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	11:31:00	12:01:00	0.5	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	9:54:00	11:00:00	1.1	Move	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	14:42:00	15:34:00	0.87	DrillServ	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	9:54:00	11:00:00	1.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	11:42:00	11:58:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	7:41:00	9:08:00	1.45	Move	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	7:05:00	7:20:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	897	JTI-841054	6:00:00	6:32:00	0.53	CrewChg	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	14:42:00	15:34:00	0.87	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	13:52:00	14:02:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	23:10:00	23:21:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	16:42:00	17:31:00	0.82	Core	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	17:40:00	18:36:00	0.93	CrewChg	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	19:56:00	20:09:00	0.22	DrillServ	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	20:26:00	21:36:00	1.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	21:52:00	22:03:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	893	VRH-211357	17:40:00	18:36:00	0.93	PaxLoc	NA	Drillg
2017	Summer	2017-07-15	890	ZRN-411712	5:41:00	6:42:00	1.02	RAB	NA	Exploration
2017	Summer	2017-07-15	890	ZRN-411712	9:48:00	10:41:00	0.88	RAB	NA	Exploration
2017	Summer	2017-07-15	893	VRH-211357	20:26:00	21:36:00	1.17	RAB	NA	Exploration
2017	Summer	2017-07-15	893	VRH-211357	11:42:00	11:58:00	0.27	RAB	NA	Exploration
2017	Summer	2017-07-15	893	VRH-211357	13:52:00	14:02:00	0.17	RAB	NA	Exploration
2017	Summer	2017-07-15	893	VRH-211357	14:42:00	15:34:00	0.87	RAB	NA	Exploration
2017	Summer	2017-07-15	893	VRH-211357	17:40:00	18:36:00	0.93	RAB	NA	Exploration
2017	Summer	2017-07-15	893	VRH-211357	19:56:00	20:09:00	0.22	RAB	NA	Exploration
2017	Summer	2017-07-15	897	JTI-841054	9:54:00	11:00:00	1.1	Mapping	NA	Prospection
2017	Summer	2017-07-15	897	JTI-841054	12:44:00	12:58:00	0.23	Mapping	NA	Prospection

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-15	892	MHE-517128	7:30:00	8:04:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-07-15	892	MHE-517128	16:23:00	18:09:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-15	892	MHE-517128	5:59:00	7:18:00	1.32	PaxLoc	NA	Road Cons
2017	Summer	2017-07-15	892	MHE-517128	18:22:00	19:04:00	0.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-16	898	GVNX20170716	13:14:00	13:28:00	0.23	Pax	NA	Camp
2017	Summer	2017-07-16	908	JTI-841055	5:55:00	7:42:00	1.78	DrillServ	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	20:12:00	20:19:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	10:43:00	12:52:00	2.15	Move	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	10:43:00	12:52:00	2.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	5:55:00	7:42:00	1.78	CrewChg	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	16:09:00	17:17:00	1.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	5:55:00	7:42:00	1.78	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	10:10:00	10:21:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	5:55:00	7:42:00	1.78	Core	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	17:39:00	18:40:00	1.02	DrillServ	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	13:37:00	15:46:00	2.15	DrillServ	NA	Drillg
2017	Summer	2017-07-16	908	JTI-841055	18:02:00	18:28:00	0.43	CrewChg	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:49:00	7:14:00	3.42	DrillServ	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	13:37:00	15:46:00	2.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	898	GVNX20170716	14:03:00	14:18:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:25:00	3:38:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:49:00	7:14:00	3.42	Move	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	13:02:00	13:24:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:49:00	7:14:00	3.42	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	13:02:00	13:24:00	0.37	DrillServ	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	14:59:00	15:08:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	13:37:00	15:46:00	2.15	DrillServ	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	16:17:00	16:51:00	0.57	DrillServ	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	8:53:00	9:19:00	0.43	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	14:17:00	14:27:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:49:00	7:14:00	3.42	CrewChg	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	16:17:00	16:51:00	0.57	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	9:53:00	10:47:00	0.9	Move	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	17:39:00	18:40:00	1.02	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	8:41:00	8:50:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	17:39:00	18:40:00	1.02	CrewChg	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	8:02:00	8:12:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:49:00	7:14:00	3.42	Core	NA	Drillg
2017	Summer	2017-07-16	905	VRH-211358	17:05:00	17:24:00	0.32	Core	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	11:34:00	11:45:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-16	899	ZRN-411713	3:49:00	7:14:00	3.42	RAB	NA	Exploration
2017	Summer	2017-07-16	905	VRH-211358	21:47:00	22:07:00	0.33	RAB	NA	Exploration
2017	Summer	2017-07-16	905	VRH-211358	19:34:00	19:47:00	0.22	RAB	NA	Exploration
2017	Summer	2017-07-16	905	VRH-211358	17:39:00	18:40:00	1.02	RAB	NA	Exploration
2017	Summer	2017-07-16	905	VRH-211358	22:44:00	23:09:00	0.42	RAB	NA	Exploration
2017	Summer	2017-07-16	907	MHE-517129	16:25:00	17:07:00	0.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-16	907	MHE-517129	5:56:00	7:54:00	1.97	PaxLoc	NA	Road Cons
2017	Summer	2017-07-17	922	VRH-211359	14:51:00	15:26:00	0.58	NA	NA	NA
2017	Summer	2017-07-17	910	GVNX20170717	7:24:00	7:44:00	0.33	MbSIng	NA	Camp
2017	Summer	2017-07-17	910	GVNX20170717	9:28:00	9:44:00	0.27	Pax	NA	Camp
2017	Summer	2017-07-17	915	GVNX20170717	13:10:00	13:30:00	0.33	Pax	NA	Camp
2017	Summer	2017-07-17	922	VRH-211359	21:11:00	21:52:00	0.68	Move	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	16:15:00	17:27:00	1.2	DrillServ	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	22:23:00	22:42:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	22:54:00	23:03:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	16:15:00	17:27:00	1.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	16:15:00	17:27:00	1.2	Core	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	4:37:00	6:59:00	2.37	DrillServ	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	4:37:00	6:59:00	2.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	4:37:00	6:59:00	2.37	CrewChg	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	17:40:00	20:32:00	2.87	CrewChg	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	4:37:00	6:59:00	2.37	Core	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	12:30:00	13:16:00	0.77	Move	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	5:54:00	7:26:00	1.53	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	5:54:00	7:26:00	1.53	CrewChg	NA	Drillg
2017	Summer	2017-07-17	915	GVNX20170717	13:55:00	14:10:00	0.25	MegBag	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	9:32:00	11:44:00	2.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	9:49:00	12:11:00	2.37	Move	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	9:32:00	11:44:00	2.2	Move	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	12:24:00	14:53:00	2.48	Move	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	9:06:00	9:22:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	11:46:00	11:53:00	0.12	DrillServ	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	7:49:00	8:05:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	12:30:00	13:16:00	0.77	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	14:51:00	15:26:00	0.58	DrillServ	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	14:51:00	15:26:00	0.58	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	9:06:00	9:22:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	17:40:00	20:32:00	2.87	DrillServ	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	17:40:00	20:32:00	2.87	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	7:41:00	9:35:00	1.9	Move	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	17:40:00	20:32:00	2.87	Move	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	21:11:00	21:52:00	0.68	DrillServ	NA	Drillg
2017	Summer	2017-07-17	922	VRH-211359	21:11:00	21:52:00	0.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	16:23:00	17:27:00	1.07	PaxLoc	NA	Drillg
2017	Summer	2017-07-17	920	JTI-841056	18:01:00	18:28:00	0.45	CrewChg	NA	Drillg
2017	Summer	2017-07-17	913	ZRN-411714	4:37:00	6:59:00	2.37	RAB	NA	Exploration
2017	Summer	2017-07-17	922	VRH-211359	22:23:00	22:42:00	0.32	RAB	NA	Exploration
2017	Summer	2017-07-17	922	VRH-211359	17:40:00	20:32:00	2.87	RAB	NA	Exploration
2017	Summer	2017-07-17	913	ZRN-411714	7:49:00	8:05:00	0.27	RAB	NA	Exploration
2017	Summer	2017-07-17	914	MHE-517130	9:45:00	10:19:00	0.57	PaxLoc	NA	Road Cons
2017	Summer	2017-07-17	914	MHE-517130	13:08:00	13:47:00	0.65	PaxLoc	NA	Road Cons
2017	Summer	2017-07-17	914	MHE-517130	16:26:00	18:12:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-17	914	MHE-517130	18:22:00	19:00:00	0.63	PaxLoc	NA	Road Cons
2017	Summer	2017-07-17	914	MHE-517130	5:50:00	7:48:00	1.97	PaxLoc	NA	Road Cons
2017	Summer	2017-07-18	929	VRH-211360	20:39:00	20:53:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	17:31:00	18:23:00	0.87	CrewChg	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	15:55:00	16:51:00	0.93	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	15:55:00	16:51:00	0.93	Move	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	13:00:00	15:53:00	2.88	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	13:00:00	15:53:00	2.88	Move	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	5:56:00	7:14:00	1.3	Core	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	5:56:00	7:14:00	1.3	DrillServ	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	17:39:00	19:01:00	1.37	CrewChg	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	17:39:00	19:01:00	1.37	DrillServ	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-18	929	VRH-211360	21:18:00	21:35:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	11:53:00	12:03:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	5:56:00	7:14:00	1.3	CrewChg	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	4:04:00	6:49:00	2.75	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	10:52:00	11:08:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	14:12:00	14:25:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	9:55:00	10:11:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	8:55:00	9:04:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	7:06:00	8:25:00	1.32	Core	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	7:06:00	8:25:00	1.32	DrillServ	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	15:26:00	15:42:00	0.27	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	16:33:00	17:14:00	0.68	Core	NA	Drillg
2017	Summer	2017-07-18	923	JTI-841057	17:31:00	18:23:00	0.87	Core	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	4:04:00	6:49:00	2.75	CrewChg	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	17:39:00	19:01:00	1.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	4:04:00	6:49:00	2.75	Move	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	16:33:00	17:14:00	0.68	DrillServ	NA	Drillg
2017	Summer	2017-07-18	928	ZRN-411715	3:33:00	3:57:00	0.4	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	17:39:00	19:01:00	1.37	Move	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	16:33:00	17:14:00	0.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-18	929	VRH-211360	21:18:00	21:35:00	0.28	RAB	NA	Exploration
2017	Summer	2017-07-18	929	VRH-211360	17:39:00	19:01:00	1.37	RAB	NA	Exploration
2017	Summer	2017-07-18	928	ZRN-411715	4:04:00	6:49:00	2.75	RAB	NA	Exploration
2017	Summer	2017-07-18	929	VRH-211360	16:33:00	17:14:00	0.68	RAB	NA	Exploration
2017	Summer	2017-07-18	928	ZRN-411715	7:06:00	8:25:00	1.32	RAB	NA	Exploration
2017	Summer	2017-07-18	929	VRH-211360	23:05:00	23:15:00	0.17	RAB	NA	Exploration
2017	Summer	2017-07-18	934	LYG-007067	8:11:00	8:46:00	0.58	Mapping	NA	Prospection
2017	Summer	2017-07-18	928	ZRN-411715	4:04:00	6:49:00	2.75	Quaternary	147012.6114.03	Prospection
2017	Summer	2017-07-18	934	LYG-007067	17:18:00	17:50:00	0.53	Mapping	NA	Prospection
2017	Summer	2017-07-18	961	MHE-517131	18:23:00	19:03:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-18	961	MHE-517131	5:59:00	7:54:00	1.92	PaxLoc	NA	Road Cons
2017	Summer	2017-07-18	961	MHE-517131	16:26:00	18:12:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-19	937	GVNX20170719	7:55:00	9:55:00	2	Pax	NA	Camp
2017	Summer	2017-07-19	937	GVNX20170719	9:55:00	10:55:00	1	Pax	NA	Camp
2017	Summer	2017-07-19	937	GVNX20170719	9:55:00	10:55:00	1	MegBag	NA	Camp
2017	Summer	2017-07-19	937	GVNX20170719	9:55:00	10:55:00	1	MbSIng	NA	Camp
2017	Summer	2017-07-19	940	ZRN-411716	7:54:00	8:03:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	3:51:00	5:30:00	1.65	Core	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	22:56:00	23:09:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	22:26:00	22:43:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	16:46:00	18:08:00	1.37	Move	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	7:02:00	7:13:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	18:10:00	18:29:00	0.32	CrewChg	BENDER	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	7:54:00	8:03:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	19:59:00	21:55:00	1.93	DrillServ	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	8:49:00	9:25:00	0.6	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	19:59:00	21:55:00	1.93	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	9:27:00	9:37:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	13:06:00	13:22:00	0.27	DrillServ	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	19:27:00	19:45:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	14:21:00	14:30:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	19:00:00	19:12:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	15:25:00	15:37:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	19:59:00	21:55:00	1.93	Move	3	Drillg
2017	Summer	2017-07-19	945	VRH-211361	15:59:00	17:18:00	1.32	DrillServ	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	15:59:00	17:18:00	1.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	5:40:00	6:29:00	0.82	CrewChg	NA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	14:27:00	16:44:00	2.28	Move	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	15:59:00	17:18:00	1.32	Core	NA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	10:04:00	11:43:00	1.65	Move	DONA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	6:01:00	6:35:00	0.57	CrewChg	DONA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	17:39:00	18:26:00	0.78	CrewChg	NA	Drillg
2017	Summer	2017-07-19	940	ZRN-411716	3:51:00	5:30:00	1.65	DrillServ	NA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	9:33:00	9:46:00	0.22	Move	DONA	Drillg
2017	Summer	2017-07-19	1039	JTI-841058	11:58:00	14:25:00	2.45	Move	NA	Drillg
2017	Summer	2017-07-19	945	VRH-211361	17:39:00	18:26:00	0.78	RAB	NA	Exploration
2017	Summer	2017-07-19	945	VRH-211361	22:56:00	23:09:00	0.22	RAB	NA	Exploration
2017	Summer	2017-07-19	945	VRH-211361	22:26:00	22:43:00	0.28	RAB	NA	Exploration
2017	Summer	2017-07-19	940	ZRN-411716	8:49:00	9:25:00	0.6	RAB	NA	Exploration
2017	Summer	2017-07-19	940	ZRN-411716	5:40:00	6:29:00	0.82	RAB	NA	Exploration
2017	Summer	2017-07-19	940	ZRN-411716	13:06:00	13:22:00	0.27	RAB	NA	Exploration
2017	Summer	2017-07-19	945	VRH-211361	15:59:00	17:18:00	1.32	RAB	NA	Exploration
2017	Summer	2017-07-19	945	VRH-211361	15:30:00	15:36:00	0.1	Quaternary	NA	Prospection
2017	Summer	2017-07-19	945	VRH-211361	14:58:00	15:05:00	0.12	Quaternary	NA	Prospection
2017	Summer	2017-07-19	945	VRH-211361	14:29:00	14:35:00	0.1	Quaternary	NA	Prospection
2017	Summer	2017-07-19	945	VRH-211361	13:55:00	14:03:00	0.13	Quaternary	NA	Prospection
2017	Summer	2017-07-19	945	VRH-211361	13:09:00	13:23:00	0.23	Quaternary	NA	Prospection
2017	Summer	2017-07-19	962	MHE-517132	16:26:00	19:04:00	2.63	PaxLoc	NA	Road Cons
2017	Summer	2017-07-19	962	MHE-517132	14:10:00	14:53:00	0.72	PaxLoc	NA	Road Cons
2017	Summer	2017-07-19	962	MHE-517132	10:11:00	10:47:00	0.6	PaxLoc	NA	Road Cons
2017	Summer	2017-07-19	962	MHE-517132	6:00:00	8:05:00	2.08	PaxLoc	NA	Road Cons
2017	Summer	2017-07-20	938	GVNX20170720	9:15:00	11:00:00	1.75	Pax	NA	Camp
2017	Summer	2017-07-20	938	GVNX20170720	9:15:00	11:00:00	1.75	MbSIng	NA	Camp
2017	Summer	2017-07-20	941	ZRN-412937	9:45:00	11:36:00	1.85	DrillServ	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	9:45:00	11:36:00	1.85	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	9:45:00	11:36:00	1.85	Move	5	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	8:46:00	9:30:00	0.73	DrillServ	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	8:46:00	9:30:00	0.73	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	3:51:00	4:01:00	0.17	DrillServ	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	4:25:00	6:36:00	2.18	Core	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	4:25:00	6:36:00	2.18	DrillServ	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	4:25:00	6:36:00	2.18	CrewChg	NA	Drillg
2017	Summer	2017-07-20	941	ZRN-412937	4:25:00	6:36:00	2.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	14:53:00	15:33:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	16:13:00	19:23:00	3.17	DrillServ	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	20:33:00	20:46:00	0.22	DrillServ	NA	Drillg
2017	Summer	2017-07-20	932	JTI-964696	18:07:00	18:25:00	0.3	CrewChg	NA	Drillg
2017	Summer	2017-07-20	932	JTI-964696	17:38:00	17:57:00	0.32	CrewChg	NA	Drillg
2017	Summer	2017-07-20	932	JTI-964696	15:43:00	15:48:00	0.08	Move	NA	Drillg
2017	Summer	2017-07-20	932	JTI-964696	14:11:00	15:34:00	1.38	Move	NA	Drillg
2017	Summer	2017-07-20	932	JTI-964696	12:57:00	13:59:00	1.03	Move	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	16:13:00	19:23:00	3.17	Move	5	Drillg
2017	Summer	2017-07-20	946	VRH-211362	10:49:00	11:45:00	0.93	DrillServ	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	16:13:00	19:23:00	3.17	PaxLoc	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-20	941	ZRN-412937	3:05:00	3:23:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	16:13:00	19:23:00	3.17	CrewChg	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	16:13:00	19:23:00	3.17	Core	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	20:33:00	20:46:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	946	VRH-211362	10:49:00	11:45:00	0.93	PaxLoc	NA	Drillg
2017	Summer	2017-07-20	1040	JTI-841059	7:20:00	8:53:00	1.55	DrillServ	NA	Drillg
2017	Summer	2017-07-20	1040	JTI-841059	6:02:00	6:58:00	0.93	Core	BENDER	Drillg
2017	Summer	2017-07-20	1040	JTI-841059	6:02:00	6:58:00	0.93	DrillServ	BENDER	Drillg
2017	Summer	2017-07-20	1040	JTI-841059	6:02:00	6:58:00	0.93	CrewChg	BENDER	Drillg
2017	Summer	2017-07-20	946	VRH-211362	14:53:00	15:33:00	0.67	RAB	NA	Exploration
2017	Summer	2017-07-20	946	VRH-211362	16:13:00	19:23:00	3.17	RAB	NA	Exploration
2017	Summer	2017-07-20	946	VRH-211362	14:53:00	15:33:00	0.67	TMC	NA	Exploration
2017	Summer	2017-07-20	941	ZRN-412937	4:25:00	6:36:00	2.18	RAB	NA	Exploration
2017	Summer	2017-07-20	946	VRH-211362	10:49:00	11:45:00	0.93	TMC	NA	Exploration
2017	Summer	2017-07-20	936	LYG-007069	15:19:00	15:29:00	0.17	Mapping	NA	Prospection
2017	Summer	2017-07-20	936	LYG-007069	13:29:00	13:39:00	0.17	Mapping	NA	Prospection
2017	Summer	2017-07-20	936	LYG-007069	17:17:00	17:40:00	0.38	Mapping	NA	Prospection
2017	Summer	2017-07-20	936	LYG-007069	7:27:00	8:06:00	0.65	Mapping	NA	Prospection
2017	Summer	2017-07-20	963	MHE-517133	16:25:00	18:11:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-20	963	MHE-517133	18:22:00	19:06:00	0.73	PaxLoc	NA	Road Cons
2017	Summer	2017-07-20	963	MHE-517133	6:00:00	7:56:00	1.93	PaxLoc	NA	Road Cons
2017	Summer	2017-07-21	939	GVNX20170721	13:00:00	14:12:00	1.2	Pax	NA	Camp
2017	Summer	2017-07-21	939	GVNX20170721	13:00:00	14:12:00	1.2	MegBag	NA	Camp
2017	Summer	2017-07-21	943	ZRN-384239	18:54:00	20:22:00	1.47	Move	3	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	21:42:00	21:51:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	18:54:00	20:22:00	1.47	DrillServ	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	5:49:00	7:30:00	1.68	CrewChg	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	5:35:00	6:30:00	0.92	CrewChg	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	5:35:00	6:30:00	0.92	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	7:05:00	8:45:00	1.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	18:54:00	20:22:00	1.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	10:42:00	11:13:00	0.52	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	4:17:00	5:23:00	1.1	DrillServ	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	4:17:00	5:23:00	1.1	Core	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	4:17:00	5:23:00	1.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	17:41:00	18:15:00	0.57	Core	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	17:41:00	18:15:00	0.57	CrewChg	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	16:34:00	16:42:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	7:05:00	8:45:00	1.67	DrillServ	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	10:42:00	11:13:00	0.52	DrillServ	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	7:46:00	7:56:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	5:49:00	7:30:00	1.68	DrillServ	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	5:49:00	7:30:00	1.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	933	JTI-964697	17:24:00	17:30:00	0.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	13:36:00	15:35:00	1.98	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	16:23:00	18:42:00	2.32	Core	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	13:36:00	15:35:00	1.98	DrillServ	NA	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	16:23:00	18:42:00	2.32	CrewChg	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	13:15:00	13:26:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	13:15:00	13:26:00	0.18	Move	3	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	16:23:00	18:42:00	2.32	DrillServ	NA	Drillg
2017	Summer	2017-07-21	943	ZRN-384239	16:23:00	18:42:00	2.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	9:29:00	9:37:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	13:36:00	15:35:00	1.98	Move	3	Drillg
2017	Summer	2017-07-21	942	ZRN-412938	7:05:00	8:45:00	1.67	TMC	NA	Exploration
2017	Summer	2017-07-21	943	ZRN-384239	18:54:00	20:22:00	1.47	RAB	NA	Exploration
2017	Summer	2017-07-21	942	ZRN-412938	5:35:00	6:30:00	0.92	RAB	NA	Exploration
2017	Summer	2017-07-21	942	ZRN-412938	4:17:00	5:23:00	1.1	RAB	NA	Exploration
2017	Summer	2017-07-21	943	ZRN-384239	16:23:00	18:42:00	2.32	TMC	NA	Exploration
2017	Summer	2017-07-21	943	ZRN-384239	16:23:00	18:42:00	2.32	RAB	NA	Exploration
2017	Summer	2017-07-21	994	LYG-007070	8:29:00	8:59:00	0.5	Mapping	NA	Prospection
2017	Summer	2017-07-21	994	LYG-007070	17:08:00	17:38:00	0.5	Mapping	NA	Prospection
2017	Summer	2017-07-21	994	LYG-007070	11:59:00	12:08:00	0.15	Mapping	NA	Prospection
2017	Summer	2017-07-21	964	MHE-517134	18:23:00	19:05:00	0.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-21	964	MHE-517134	5:59:00	8:00:00	2.02	PaxLoc	NA	Road Cons
2017	Summer	2017-07-21	964	MHE-517134	16:28:00	18:14:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-22	982	VRH-211364	14:01:00	14:36:00	0.58	LocSIng	NA	Camp
2017	Summer	2017-07-22	968	GVNX20170722	7:30:00	8:06:00	0.6	Pax	NA	Camp
2017	Summer	2017-07-22	944	ZRN-412939	9:32:00	10:04:00	0.53	PaxLoc	9km north drum check	Camp
2017	Summer	2017-07-22	968	GVNX20170722	7:30:00	8:06:00	0.6	MegBag	NA	Camp
2017	Summer	2017-07-22	944	ZRN-412939	8:22:00	9:11:00	0.82	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	7:40:00	8:09:00	0.48	PaxLoc	Devico	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	5:36:00	6:46:00	1.17	DrillServ	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	20:30:00	20:59:00	0.48	DrillServ	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	20:30:00	20:59:00	0.48	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	8:22:00	9:11:00	0.82	DrillServ	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	8:22:00	9:11:00	0.82	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	9:32:00	10:04:00	0.53	LocSIng	Boat, Batimetry	Drillg
2017	Summer	2017-07-22	982	VRH-211364	19:04:00	19:13:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	14:01:00	14:36:00	0.58	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	16:03:00	19:00:00	2.95	CrewChg	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	16:03:00	19:00:00	2.95	DrillServ	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	16:03:00	19:00:00	2.95	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	21:47:00	22:05:00	0.3	DrillServ	NA	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	17:38:00	18:12:00	0.57	CrewChg	NA	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	5:48:00	7:12:00	1.4	CrewChg	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	4:23:00	4:48:00	0.42	DrillServ	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	4:58:00	5:28:00	0.5	Core	NA	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	5:48:00	7:12:00	1.4	Move	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	16:03:00	19:00:00	2.95	Core	NA	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	8:18:00	10:23:00	2.08	Move	NA	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	17:38:00	18:12:00	0.57	Core	NA	Drillg
2017	Summer	2017-07-22	982	VRH-211364	22:44:00	22:53:00	0.15	DrillServ	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	5:36:00	6:46:00	1.17	CrewChg	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	5:36:00	6:46:00	1.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-22	944	ZRN-412939	5:36:00	6:46:00	1.17	DrillServ	Devico	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	17:38:00	18:12:00	0.57	DrillServ	NA	Drillg
2017	Summer	2017-07-22	1041	JTI-839312	14:57:00	15:06:00	0.15	PaxLoc	6134145.611	Enviro
2017	Summer	2017-07-22	1041	JTI-839312	13:28:00	13:39:00	0.18	PaxLoc	6134145.611	Enviro
2017	Summer	2017-07-22	944	ZRN-412939	7:40:00	8:09:00	0.48	TMC	NA	Exploration
2017	Summer	2017-07-22	982	VRH-211364	16:03:00	19:00:00	2.95	RAB	NA	Exploration
2017	Summer	2017-07-22	982	VRH-211364	16:03:00	19:00:00	2.95	TMC	NA	Exploration
2017	Summer	2017-07-22	985	MHE-517135	16:32:00	19:07:00	2.58	PaxLoc	NA	Road Cons

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-22	985	MHE-517135	15:20:00	15:35:00	0.25	PaxLoc	NR	Road Cons
2017	Summer	2017-07-22	985	MHE-517135	6:03:00	7:57:00	1.9	PaxLoc	NA	Road Cons
2017	Summer	2017-07-23	967	GVNX20170723	14:00:00	14:42:00	0.7	MegBag	NA	Camp
2017	Summer	2017-07-23	967	GVNX20170723	14:00:00	14:42:00	0.7	MbSIng	NA	Camp
2017	Summer	2017-07-23	996	LYG-007072	16:16:00	16:56:00	0.67	Pax	Employee out, supervisor request	Camp
2017	Summer	2017-07-23	992	ZRN-412940	3:42:00	7:22:00	3.67	Core	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	8:10:00	8:18:00	0.13	DrillServ	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	8:35:00	9:40:00	1.08	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	11:36:00	11:57:00	0.35	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	11:36:00	11:57:00	0.35	DrillServ	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	13:41:00	14:47:00	1.1	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	3:42:00	7:22:00	3.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	13:41:00	14:47:00	1.1	Move	5	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	14:56:00	15:25:00	0.48	Move	3	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	15:37:00	15:48:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	13:41:00	14:47:00	1.1	DrillServ	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	14:08:00	17:22:00	3.23	Move	3	Drillg
2017	Summer	2017-07-23	981	VRH-211365	21:59:00	22:10:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	19:39:00	20:32:00	0.88	DrillServ	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	19:39:00	20:32:00	0.88	Move	3	Drillg
2017	Summer	2017-07-23	981	VRH-211365	17:39:00	18:49:00	1.17	CrewChg	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	17:39:00	18:49:00	1.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	17:39:00	18:49:00	1.17	Move	3	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	3:42:00	7:22:00	3.67	DrillServ	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	14:08:00	17:22:00	3.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	3:42:00	7:22:00	3.67	CrewChg	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	14:08:00	17:22:00	3.23	DrillServ	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	3:21:00	3:29:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-23	992	ZRN-412940	3:42:00	7:22:00	3.67	Move	5	Drillg
2017	Summer	2017-07-23	981	VRH-211365	14:08:00	17:22:00	3.23	Core	NA	Drillg
2017	Summer	2017-07-23	981	VRH-211365	17:39:00	18:49:00	1.17	RAB	NA	Exploration
2017	Summer	2017-07-23	992	ZRN-412940	10:32:00	10:49:00	0.28	TMC	NA	Exploration
2017	Summer	2017-07-23	992	ZRN-412940	7:40:00	7:57:00	0.28	TMC	NA	Exploration
2017	Summer	2017-07-23	992	ZRN-412940	3:42:00	7:22:00	3.67	RAB	NA	Exploration
2017	Summer	2017-07-23	992	ZRN-412940	8:35:00	9:40:00	1.08	TMC	NA	Exploration
2017	Summer	2017-07-23	996	LYG-007072	8:55:00	9:29:00	0.57	Mapping	NA	Prospection
2017	Summer	2017-07-23	996	LYG-007072	11:42:00	11:53:00	0.18	Mapping	NA	Prospection
2017	Summer	2017-07-23	996	LYG-007072	13:23:00	13:32:00	0.15	Mapping	NA	Prospection
2017	Summer	2017-07-23	996	LYG-007072	13:51:00	14:24:00	0.55	Mapping	NA	Prospection
2017	Summer	2017-07-23	993	MHE-517136	16:25:00	19:04:00	2.65	PaxLoc	NA	Road Cons
2017	Summer	2017-07-23	993	MHE-517136	5:59:00	8:00:00	2.02	PaxLoc	NA	Road Cons
2017	Summer	2017-07-24	966	GVNX20170724	8:30:00	9:42:00	1.2	MegBag	NA	Camp
2017	Summer	2017-07-24	966	GVNX20170724	8:30:00	9:42:00	1.2	MbSIng	NA	Camp
2017	Summer	2017-07-24	966	GVNX20170724	8:30:00	9:42:00	1.2	Pax	NA	Camp
2017	Summer	2017-07-24	980	VRH-211366	22:04:00	23:32:00	1.47	DrillServ	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	22:04:00	23:32:00	1.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	17:39:00	18:31:00	0.87	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	13:31:00	13:50:00	0.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	15:14:00	15:50:00	0.6	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	16:08:00	17:23:00	1.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	16:08:00	17:23:00	1.25	Core	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	16:08:00	17:23:00	1.25	DrillServ	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	22:04:00	23:32:00	1.47	Move	3	Drillg
2017	Summer	2017-07-24	980	VRH-211366	20:53:00	21:02:00	0.15	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	19:13:00	19:35:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	17:39:00	18:31:00	0.87	CrewChg	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	4:47:00	5:24:00	0.62	DrillServ	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	7:37:00	8:09:00	0.53	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	8:44:00	9:14:00	0.5	DrillServ	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	7:37:00	8:09:00	0.53	DrillServ	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	6:50:00	7:00:00	0.17	DrillServ	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	6:50:00	7:00:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	5:39:00	6:28:00	0.82	CrewChg	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	9:46:00	10:03:00	0.28	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	4:47:00	5:24:00	0.62	Core	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	11:29:00	11:36:00	0.12	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	16:05:00	16:34:00	0.48	DrillServ	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	8:44:00	9:14:00	0.5	PaxLoc	NA	Drillg
2017	Summer	2017-07-24	991	ZRN-412941	11:53:00	12:04:00	0.18	DrillServ	NA	Drillg
2017	Summer	2017-07-24	980	VRH-211366	17:39:00	18:31:00	0.87	RAB	NA	Exploration
2017	Summer	2017-07-24	980	VRH-211366	16:08:00	17:23:00	1.25	TMC	NA	Exploration
2017	Summer	2017-07-24	980	VRH-211366	15:14:00	15:50:00	0.6	TMC	NA	Exploration
2017	Summer	2017-07-24	991	ZRN-412941	7:37:00	8:09:00	0.53	TMC	NA	Exploration
2017	Summer	2017-07-24	991	ZRN-412941	5:39:00	6:28:00	0.82	RAB	NA	Exploration
2017	Summer	2017-07-24	991	ZRN-412941	8:44:00	9:14:00	0.5	RAB	NA	Exploration
2017	Summer	2017-07-24	1030	LYG-007073	8:07:00	8:38:00	0.52	Mapping	NA	Prospection
2017	Summer	2017-07-24	1030	LYG-007073	15:22:00	15:41:00	0.32	Mapping	NA	Prospection
2017	Summer	2017-07-24	1030	LYG-007073	17:07:00	17:36:00	0.48	Mapping	NA	Prospection
2017	Summer	2017-07-24	984	MHE-517137	5:53:00	7:52:00	1.98	PaxLoc	NA	Road Cons
2017	Summer	2017-07-24	984	MHE-517137	18:21:00	19:01:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-24	984	MHE-517137	16:25:00	18:10:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-24	984	MHE-517137	9:41:00	10:20:00	0.65	PaxLoc	NA	Road Cons
2017	Summer	2017-07-24	984	MHE-517137	13:05:00	13:45:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-25	1005	ZRN-412942	14:27:00	14:40:00	0.22	VIP	ELDERS	Camp
2017	Summer	2017-07-25	1001	GVNX20170725	8:00:00	10:36:00	2.6	MegBag	NA	Camp
2017	Summer	2017-07-25	1001	GVNX20170725	8:00:00	10:36:00	2.6	Pax	NA	Camp
2017	Summer	2017-07-25	997	VRH-211367	17:32:00	18:49:00	1.28	VIP	NA	Camp
2017	Summer	2017-07-25	997	VRH-211367	16:10:00	16:56:00	0.77	VIP	ELDERS	Camp
2017	Summer	2017-07-25	997	VRH-211367	15:21:00	15:50:00	0.48	VIP	NA	Camp
2017	Summer	2017-07-25	997	VRH-211367	14:28:00	14:41:00	0.22	VIP	ELDERS	Camp
2017	Summer	2017-07-25	997	VRH-211367	13:25:00	13:55:00	0.5	VIP	ELDERS	Camp
2017	Summer	2017-07-25	997	VRH-211367	11:38:00	11:59:00	0.35	VIP	ELDERS	Camp
2017	Summer	2017-07-25	1005	ZRN-412942	11:59:00	12:23:00	0.4	VIP	ELDERS	Camp
2017	Summer	2017-07-25	1005	ZRN-412942	13:24:00	13:55:00	0.52	VIP	ELDERS	Camp
2017	Summer	2017-07-25	1005	ZRN-412942	15:19:00	15:48:00	0.48	VIP	ELDERS	Camp
2017	Summer	2017-07-25	1005	ZRN-412942	16:11:00	17:29:00	1.3	VIP	ELDERS	Camp
2017	Summer	2017-07-25	1005	ZRN-412942	3:45:00	5:24:00	1.65	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	3:45:00	5:24:00	1.65	Move	3	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	16:11:00	17:29:00	1.3	Core	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	16:11:00	17:29:00	1.3	DrillServ	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	16:11:00	17:29:00	1.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1004	ZRN-273495	17:35:00	18:35:00	1	CrewChg	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	3:45:00	5:24:00	1.65	Core	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-25	1005	ZRN-412942	11:59:00	12:23:00	0.4	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	10:38:00	11:05:00	0.45	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	9:37:00	10:02:00	0.42	DrillServ	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	9:37:00	10:02:00	0.42	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	7:50:00	8:31:00	0.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	7:50:00	8:31:00	0.68	DrillServ	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	5:34:00	6:34:00	1	CrewChg	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	5:34:00	6:34:00	1	DrillServ	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	5:34:00	6:34:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	997	VRH-211367	21:00:00	21:29:00	0.48	DrillServ	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	3:45:00	5:24:00	1.65	DrillServ	NA	Drillg
2017	Summer	2017-07-25	997	VRH-211367	16:10:00	16:56:00	0.77	PaxLoc	NA	Drillg
2017	Summer	2017-07-25	1005	ZRN-412942	7:50:00	8:31:00	0.68	RAB	NA	Exploration
2017	Summer	2017-07-25	1005	ZRN-412942	10:38:00	11:05:00	0.45	RAB	DM	Exploration
2017	Summer	2017-07-25	1005	ZRN-412942	5:34:00	6:34:00	1	RAB	NA	Exploration
2017	Summer	2017-07-25	1005	ZRN-412942	7:50:00	8:31:00	0.68	RAB	NA	Exploration
2017	Summer	2017-07-25	1005	ZRN-412942	3:45:00	5:24:00	1.65	RAB	NA	Exploration
2017	Summer	2017-07-25	1005	ZRN-412942	9:37:00	10:02:00	0.42	TMC	NA	Exploration
2017	Summer	2017-07-25	1004	ZRN-273495	17:35:00	18:35:00	1	RAB	NA	Exploration
2017	Summer	2017-07-25	997	VRH-211367	16:10:00	16:56:00	0.77	TMC	NA	Exploration
2017	Summer	2017-07-25	1031	LYG-007074	11:10:00	11:31:00	0.35	Mapping	NA	Prospection
2017	Summer	2017-07-25	1031	LYG-007074	16:56:00	17:24:00	0.47	Mapping	NA	Prospection
2017	Summer	2017-07-25	983	MHE-517138	6:04:00	7:58:00	1.9	PaxLoc	NA	Road Cons
2017	Summer	2017-07-25	1013	MHE-586860	16:29:00	18:09:00	1.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-25	1013	MHE-586860	18:26:00	19:08:00	0.7	PaxLoc	NA	Road Cons
2017	Summer	2017-07-26	999	VRH-392396	10:47:00	11:27:00	0.67	PaxLoc	Claude Swiderski	AMQ study
2017	Summer	2017-07-26	999	VRH-392396	13:26:00	14:07:00	0.68	PaxLoc	Claude Swiderski	AMQ study
2017	Summer	2017-07-26	1002	GVNX20170726	8:00:00	11:00:00	3	MbSing	NA	Camp
2017	Summer	2017-07-26	1002	GVNX20170726	8:00:00	11:00:00	3	Pax	NA	Camp
2017	Summer	2017-07-26	1002	GVNX20170726	8:00:00	11:00:00	3	MegBag	NA	Camp
2017	Summer	2017-07-26	1021	TEP-310798	11:34:00	12:34:00	1	PEL	NA	Camp
2017	Summer	2017-07-26	1021	TEP-310798	10:24:00	11:16:00	0.87	PEL	NA	Camp
2017	Summer	2017-07-26	1006	ZRN-412943	3:55:00	8:30:00	4.58	DrillServ	NA	Drillg
2017	Summer	2017-07-26	1006	ZRN-412943	9:48:00	10:08:00	0.33	PaxLoc	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	19:44:00	19:51:00	0.12	DrillServ	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	20:35:00	20:48:00	0.22	DrillServ	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	16:12:00	19:00:00	2.8	PaxLoc	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	16:12:00	19:00:00	2.8	DrillServ	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	13:26:00	14:07:00	0.68	PaxLoc	NA	Drillg
2017	Summer	2017-07-26	1006	ZRN-412943	3:55:00	8:30:00	4.58	CrewChg	NA	Drillg
2017	Summer	2017-07-26	1006	ZRN-412943	3:55:00	8:30:00	4.58	PaxLoc	NA	Drillg
2017	Summer	2017-07-26	1006	ZRN-412943	3:55:00	8:30:00	4.58	Core	NA	Drillg
2017	Summer	2017-07-26	1006	ZRN-412943	3:55:00	8:30:00	4.58	Move	8	Drillg
2017	Summer	2017-07-26	999	VRH-392396	16:12:00	19:00:00	2.8	CrewChg	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	21:41:00	22:21:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-26	999	VRH-392396	21:41:00	22:21:00	0.67	DrillServ	NA	Drillg
2017	Summer	2017-07-26	1006	ZRN-412943	3:55:00	8:30:00	4.58	RAB	NA	Exploration
2017	Summer	2017-07-26	999	VRH-392396	16:12:00	19:00:00	2.8	RAB	NA	Exploration
2017	Summer	2017-07-26	999	VRH-392396	10:47:00	11:27:00	0.67	RAB	DM	Exploration
2017	Summer	2017-07-26	1006	ZRN-412943	9:48:00	10:08:00	0.33	TMC	NA	Exploration
2017	Summer	2017-07-26	999	VRH-392396	13:26:00	14:07:00	0.68	TMC	NA	Exploration
2017	Summer	2017-07-26	999	VRH-392396	16:12:00	19:00:00	2.8	TMC	NA	Exploration
2017	Summer	2017-07-26	1014	MHE-586861	18:29:00	19:34:00	1.08	PaxLoc	NA	Road Cons
2017	Summer	2017-07-26	1014	MHE-586861	16:25:00	18:11:00	1.77	PaxLoc	NA	Road Cons
2017	Summer	2017-07-26	1014	MHE-586861	6:00:00	7:52:00	1.87	PaxLoc	NA	Road Cons
2017	Summer	2017-07-27	1003	GVNX20170727	9:10:00	11:16:00	2.1	Pax	NA	Camp
2017	Summer	2017-07-27	1003	GVNX20170727	9:10:00	11:16:00	2.1	MegBag	NA	Camp
2017	Summer	2017-07-27	1003	GVNX20170727	9:10:00	11:16:00	2.1	MbSing	NA	Camp
2017	Summer	2017-07-27	1007	ZRN-412944	14:38:00	15:55:00	1.28	Move	5	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	13:55:00	14:25:00	0.5	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	10:12:00	10:24:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	16:07:00	18:47:00	2.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	16:07:00	18:47:00	2.67	DrillServ	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	16:07:00	18:47:00	2.67	CrewChg	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	16:07:00	18:47:00	2.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	16:07:00	18:47:00	2.67	Core	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	15:32:00	15:45:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	3:25:00	3:48:00	0.38	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	8:40:00	8:54:00	0.23	DrillServ	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	20:17:00	20:45:00	0.47	DrillServ	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	8:40:00	8:54:00	0.23	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	7:17:00	8:17:00	1	DrillServ	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	7:17:00	8:17:00	1	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	4:38:00	6:32:00	1.9	CrewChg	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	4:38:00	6:32:00	1.9	DrillServ	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	3:25:00	3:48:00	0.38	DrillServ	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	20:17:00	20:45:00	0.47	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	21:14:00	22:33:00	1.32	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	22:45:00	23:31:00	0.77	Move	8	Drillg
2017	Summer	2017-07-27	998	VRH-392397	22:45:00	23:31:00	0.77	PaxLoc	NA	Drillg
2017	Summer	2017-07-27	1007	ZRN-412944	4:38:00	6:32:00	1.9	Core	NA	Drillg
2017	Summer	2017-07-27	998	VRH-392397	14:25:00	14:50:00	0.42	TMC	NA	Exploration
2017	Summer	2017-07-27	1007	ZRN-412944	13:55:00	14:25:00	0.5	RAB	NA	Exploration
2017	Summer	2017-07-27	1007	ZRN-412944	13:55:00	14:25:00	0.5	TMC	NA	Exploration
2017	Summer	2017-07-27	1007	ZRN-412944	12:00:00	12:11:00	0.18	RAB	NA	Exploration
2017	Summer	2017-07-27	1007	ZRN-412944	4:38:00	6:32:00	1.9	RAB	NA	Exploration
2017	Summer	2017-07-27	1007	ZRN-412944	7:17:00	8:17:00	1	TMC	NA	Exploration
2017	Summer	2017-07-27	998	VRH-392397	21:14:00	22:33:00	1.32	RAB	DM	Exploration
2017	Summer	2017-07-27	998	VRH-392397	16:07:00	18:47:00	2.67	TMC	NA	Exploration
2017	Summer	2017-07-27	1033	LYG-007076	7:08:00	7:42:00	0.57	Mapping	NA	Prospection
2017	Summer	2017-07-27	1034	LYG-209937	14:36:00	14:57:00	0.35	Mapping	NA	Prospection
2017	Summer	2017-07-27	1034	LYG-209937	15:51:00	16:01:00	0.17	Mapping	NA	Prospection
2017	Summer	2017-07-27	1034	LYG-209937	16:14:00	16:55:00	0.68	Mapping	NA	Prospection
2017	Summer	2017-07-27	1018	ZPH-759476	14:05:00	16:18:00	2.22	LakeSed	NA	Prospection
2017	Summer	2017-07-27	1018	ZPH-759476	16:31:00	18:38:00	2.12	LakeSed	NA	Prospection
2017	Summer	2017-07-27	1018	ZPH-759476	8:40:00	10:56:00	2.27	LakeSed	NA	Prospection
2017	Summer	2017-07-27	1018	ZPH-759476	11:09:00	12:58:00	1.82	LakeSed	NA	Prospection
2017	Summer	2017-07-28	1023	TEP-310800	9:01:00	10:18:00	1.28	MbSing	NA	Camp
2017	Summer	2017-07-28	1008	ZRN-412945	9:52:00	10:03:00	0.18	PaxLoc	Muskox check	Camp
2017	Summer	2017-07-28	1000	VRH-392398	20:36:00	22:26:00	1.83	Move	2	Drillg
2017	Summer	2017-07-28	1000	VRH-392398	20:08:00	20:20:00	0.2	PaxLoc	NA	Drillg
2017	Summer	2017-07-28	1000	VRH-392398	16:02:00	18:42:00	2.67	Core	NA	Drillg
2017	Summer	2017-07-28	1000	VRH-392398	16:02:00	18:42:00	2.67	DrillServ	NA	Drillg
2017	Summer	2017-07-28	1000	VRH-392398	20:36:00	22:26:00	1.83	DrillServ	NA	Drillg

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2017	Summer	2017-07-28	1008	ZRN-412945	13:15:00	13:25:00	0.17	PaxLoc	NA	Drillg
2017	Summer	2017-07-28	1000	VRH-392398	16:02:00	18:42:00	2.67	CrewChg	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	14:36:00	14:49:00	0.22	PaxLoc	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	13:52:00	14:10:00	0.3	PaxLoc	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	9:52:00	10:03:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	7:30:00	8:12:00	0.7	PaxLoc	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	4:05:00	6:20:00	2.25	DrillServ	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	4:05:00	6:20:00	2.25	Move	8	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	4:05:00	6:20:00	2.25	Core	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	4:05:00	6:20:00	2.25	CrewChg	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	8:51:00	9:02:00	0.18	DrillServ	NA	Drillg
2017	Summer	2017-07-28	1008	ZRN-412945	4:05:00	6:20:00	2.25	RAB	NA	Exploration
2017	Summer	2017-07-28	1000	VRH-392398	16:02:00	18:42:00	2.67	RAB	NA	Exploration
2017	Summer	2017-07-28	1000	VRH-392398	22:57:00	23:17:00	0.33	RAB	dm	Exploration
2017	Summer	2017-07-28	1000	VRH-392398	16:02:00	18:42:00	2.67	TMC	NA	Exploration
2017	Summer	2017-07-28	1000	VRH-392398	20:08:00	20:20:00	0.2	TMC	NA	Exploration
2017	Summer	2017-07-28	1008	ZRN-412945	7:30:00	8:12:00	0.7	TMC	NA	Exploration
2017	Summer	2017-07-28	1035	LYG-212688	16:21:00	17:13:00	0.87	Mapping	NA	Prospection
2017	Summer	2017-07-28	1019	ZPH-759477	12:55:00	14:45:00	1.83	LakeSed	NA	Prospection
2017	Summer	2017-07-28	1019	ZPH-759477	9:53:00	11:44:00	1.85	LakeSed	NA	Prospection
2017	Summer	2017-07-28	1019	ZPH-759477	6:45:00	9:10:00	2.42	LakeSed	NA	Prospection
2017	Summer	2017-07-28	1019	ZPH-759477	15:10:00	17:12:00	2.03	LakeSed	NA	Prospection
2017	Summer	2017-07-28	1035	LYG-212688	7:25:00	7:54:00	0.48	Mapping	NA	Prospection
2017	Summer	2017-07-28	1015	MHE-883201	8:53:00	9:17:00	0.4	PaxLoc	NA	Road Cons
2017	Summer	2017-07-28	1015	MHE-883201	6:00:00	7:45:00	1.75	PaxLoc	NA	Road Cons
2017	Summer	2017-07-28	1015	MHE-883201	18:20:00	19:00:00	0.67	PaxLoc	NA	Road Cons
2017	Summer	2017-07-28	1015	MHE-883201	16:30:00	18:13:00	1.72	PaxLoc	NA	Road Cons
2017	Summer	2017-07-29	1024	TEP-310801	12:54:00	13:09:00	0.25	PaxLoc	thrmst	AMQ study
2017	Summer	2017-07-29	1024	TEP-310801	13:18:00	13:33:00	0.25	PaxLoc	thrmst	AMQ study
2017	Summer	2017-07-29	1024	TEP-310801	16:36:00	17:04:00	0.47	Pax	NA	Camp
2017	Summer	2017-07-29	1024	TEP-310801	14:36:00	16:31:00	1.92	Pax	NA	Camp
2017	Summer	2017-07-29	1024	TEP-310801	6:40:00	7:12:00	0.53	MbSIng	NA	Camp
2017	Summer	2017-07-29	1024	TEP-310801	8:04:00	8:38:00	0.57	MbSIng	NA	Camp
2017	Summer	2017-07-29	1009	ZRN-412946	13:15:00	13:23:00	0.13	PaxLoc	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	15:47:00	15:58:00	0.18	PaxLoc	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	15:08:00	15:30:00	0.37	DrillServ	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	15:08:00	15:30:00	0.37	PaxLoc	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	4:25:00	6:23:00	1.97	Core	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	12:34:00	12:49:00	0.25	PaxLoc	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	8:48:00	8:59:00	0.18	DrillServ	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	7:25:00	8:05:00	0.67	PaxLoc	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	4:25:00	6:23:00	1.97	CrewChg	NA	Drillg
2017	Summer	2017-07-29	1009	ZRN-412946	4:25:00	6:23:00	1.97	DrillServ	NA	Drillg
2017	Summer	2017-07-29	1024	TEP-310801	14:36:00	16:31:00	1.92	PaxLoc	Robin Allard	Enviro
2017	Summer	2017-07-29	1009	ZRN-412946	4:25:00	6:23:00	1.97	RAB	NA	Exploration
2017	Summer	2017-07-29	1009	ZRN-412946	7:25:00	8:05:00	0.67	TMC	NA	Exploration
2017	Summer	2017-07-29	1036	LYG-212689	7:44:00	8:21:00	0.62	Mapping	NA	Prospection
2017	Summer	2017-07-29	1036	LYG-212689	7:20:00	7:43:00	0.38	Mapping	NA	Prospection
2017	Summer	2017-07-29	1020	ZPH-759478	14:59:00	17:08:00	2.15	LakeSed	NA	Prospection
2017	Summer	2017-07-29	1036	LYG-212689	16:12:00	16:59:00	0.78	Mapping	NA	Prospection
2017	Summer	2017-07-29	1020	ZPH-759478	12:47:00	14:40:00	1.88	LakeSed	NA	Prospection
2017	Summer	2017-07-29	1020	ZPH-759478	9:35:00	11:56:00	2.35	LakeSed	NA	Prospection
2017	Summer	2017-07-29	1020	ZPH-759478	7:00:00	9:17:00	2.28	LakeSed	NA	Prospection
2018	Spring	2018-04-11	35	LYG-353781	8:50:00	10:40:00	1.83	Ferry	MOB DRILLING MEADOWBANK	Camp
2018	Spring	2018-04-11	35	LYG-353781	10:54:00	11:17:00	0.38	Ferry	MOB DRILLING MEADOWBANK	Camp
2018	Spring	2018-04-16	69	TEP-566688	16:59:00	17:30:00	0.52	NA	NA	NA
2018	Spring	2018-04-16	69	TEP-566688	16:24:00	16:50:00	0.43	NA	NA	NA
2018	Spring	2018-04-17	70	TEP-566689	11:37:00	11:50:00	0.22	PaxLoc	Empty. WTP-Hangar	Camp
2018	Spring	2018-04-17	70	TEP-566689	13:14:00	13:40:00	0.43	PaxLoc	Mike (security)	Camp
2018	Spring	2018-04-22	75	TEP-566694	16:28:00	17:24:00	0.93	PaxLoc	Empty, after dropoff PEL staff	WintRd
2018	Spring	2018-04-22	75	TEP-566694	13:04:00	13:57:00	0.88	PaxLoc	To pickup PEL staff	WintRd
2018	Spring	2018-04-22	75	TEP-566694	14:15:00	15:14:00	0.98	PaxLoc	PEL (Peter, William)	WintRd
2018	Spring	2018-04-22	75	TEP-566694	15:20:00	16:21:00	1.02	PaxLoc	PEL (Peter, William)	WintRd
2018	Spring	2018-04-23	59	LYG-996505	18:28:00	18:35:00	0.12	PaxLoc	Move helo for blast	Camp
2018	Spring	2018-04-23	59	LYG-996505	18:55:00	19:01:00	0.1	PaxLoc	Move helo for blast	Camp
2018	Spring	2018-04-23	58	LYG-349821	10:26:00	10:30:00	0.07	PaxLoc	Empty. To pickup PEL staff	WintRd
2018	Spring	2018-04-23	58	LYG-349821	10:44:00	11:34:00	0.83	PaxLoc	PEL: Jack, Peter, William	WintRd
2018	Spring	2018-04-23	58	LYG-349821	12:03:00	12:57:00	0.9	PaxLoc	PEL: Jack, Peter, William	WintRd
2018	Spring	2018-04-23	58	LYG-349821	13:17:00	13:21:00	0.07	PaxLoc	Empty, after dropoff PEL staff	WintRd
2018	Spring	2018-04-23	58	LYG-349821	9:27:00	10:10:00	0.72	PaxLoc	Empty. To pickup PEL staff	WintRd
2018	Spring	2018-04-23	58	LYG-349821	13:29:00	14:14:00	0.75	PaxLoc	Empty, after dropoff PEL staff	WintRd
2018	Spring	2018-04-24	60	LYG-996506	13:38:00	15:14:00	1.6	PaxLoc	LP Ruel, J Etejoyok, J Oolamik	WintRd
2018	Spring	2018-04-24	60	LYG-996506	11:38:00	13:00:00	1.37	PaxLoc	J Etejoyok, J Oolamik	WintRd
2018	Spring	2018-04-24	60	LYG-996506	17:14:00	18:08:00	0.9	PaxLoc	LP Ruel, D Bulgozdi (OBG-Compassion)	WintRd
2018	Spring	2018-04-24	60	LYG-996506	10:10:00	10:56:00	0.77	PaxLoc	Pax winter rd	WintRd
2018	Spring	2018-04-25	61	LYG-996507	18:23:00	18:30:00	0.12	PaxLoc	LP Ruel; moving helo for blast	Camp
2018	Spring	2018-04-25	61	LYG-996507	18:48:00	18:53:00	0.08	PaxLoc	LP Ruel; moving helo for blast	Camp
2018	Spring	2018-04-30	91	LYG-996512	18:18:00	18:25:00	0.12	PaxLoc	Move for blast	Camp
2018	Spring	2018-04-30	91	LYG-996512	16:13:00	16:39:00	0.43	Pax	LPRuel, JFSequin, +4	Camp
2018	Spring	2018-04-30	91	LYG-996512	15:11:00	15:35:00	0.4	Pax	Empty to pickup pax	Camp
2018	Spring	2018-04-30	91	LYG-996512	18:51:00	18:57:00	0.1	PaxLoc	Move for blast	Camp
2018	Spring	2018-05-01	92	LYG-996513	13:00:00	13:25:00	0.42	Pax	Pax	Camp
2018	Spring	2018-05-01	92	LYG-996513	10:38:00	11:01:00	0.38	Pax	Pax	Camp
2018	Spring	2018-05-01	92	LYG-996513	11:14:00	11:19:00	0.08	Pax	Moving after fuel	Camp
2018	Spring	2018-05-02	93	LYG-996514	10:30:00	10:52:00	0.37	VIP	VIP passengers	Camp
2018	Spring	2018-05-02	93	LYG-996514	14:08:00	15:26:00	1.3	VIP	VIP passengers	Camp
2018	Spring	2018-05-02	93	LYG-996514	15:39:00	16:00:00	0.35	VIP	NA	Camp
2018	Spring	2018-05-02	100	TEP-566704	8:04:00	8:34:00	0.5	VIP	VIP	Camp
2018	Spring	2018-05-02	100	TEP-566704	9:06:00	9:10:00	0.07	PaxLoc	deplacement fuel	Camp
2018	Spring	2018-05-02	100	TEP-566704	10:30:00	10:58:00	0.47	VIP	VIP	Camp

Table 1 2017 to 2019										
Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Spring	2018-05-02	100	TEP-566704	14:07:00	14:52:00	0.75	VIP	VIP	Camp
2018	Spring	2018-05-02	100	TEP-566704	15:04:00	15:31:00	0.45	VIP	VIP	Camp
2018	Spring	2018-05-02	93	LYG-996514	8:41:00	9:05:00	0.4	VIP	NA	Camp
2018	Spring	2018-05-03	108	LYG-996515	6:39:00	7:08:00	0.48	PaxLoc	Avigneault+2,Clément	Camp
2018	Spring	2018-05-03	108	LYG-996515	14:15:00	16:01:00	1.77	VIP	VIP return trip	Camp
2018	Spring	2018-05-03	108	LYG-996515	8:53:00	10:27:00	1.57	VIP	VIP passengers	Camp
2018	Spring	2018-05-03	108	LYG-996515	16:21:00	16:45:00	0.4	PaxLoc	Empty	Camp
2018	Spring	2018-05-04	109	LYG-996516	18:04:00	18:34:00	0.5	CrewChg	drillers,sgaudreault,LPBrien	DrillExplo
2018	Spring	2018-05-05	110	LYG-996517	20:33:00	20:45:00	0.2	CrewChg	NA	DrillExplo
2018	Spring	2018-05-05	110	LYG-996517	21:52:00	22:06:00	0.23	CrewChg	sgaudreault,drillers	DrillExplo
2018	Spring	2018-05-05	110	LYG-996517	6:07:00	6:37:00	0.5	CrewChg	drillers	DrillExplo
2018	Spring	2018-05-05	110	LYG-996517	18:00:00	18:28:00	0.47	CrewChg	drillers	DrillExplo
2018	Spring	2018-05-05	110	LYG-996517	19:45:00	20:10:00	0.42	Medevac	drillers,d. martel,s. gaudreault	DrillExplo
2018	Spring	2018-05-06	111	LYG-996518	13:46:00	13:59:00	0.22	PaxLoc	S.Gaudreault,C.Rousseau,A.Vizdoga,LPBrien	DrillExplo
2018	Spring	2018-05-06	111	LYG-996518	13:06:00	13:23:00	0.28	CrewChg	drillers,S.Gaudreault,C.Rousseau,A.Vizdoga,LPBrien	DrillExplo
2018	Spring	2018-05-06	111	LYG-996518	17:38:00	18:29:00	0.85	CrewChg	NA	DrillExplo
2018	Spring	2018-05-06	111	LYG-996518	17:38:00	18:29:00	0.85	PaxLoc	drillers,Sgaudreault	DrillExplo
2018	Spring	2018-05-06	111	LYG-996518	17:38:00	18:29:00	0.85	Core	NA	DrillExplo
2018	Spring	2018-05-07	112	LYG-996519	16:33:00	16:51:00	0.3	Pax	pax ug,Bdillon	DrillExplo
2018	Spring	2018-05-07	112	LYG-996519	15:40:00	16:06:00	0.43	CrewChg	drillers,sgaudreault,bull driver	DrillExplo
2018	Spring	2018-05-07	112	LYG-996519	6:01:00	6:49:00	0.8	CrewChg	drillers,sgaudreault,bull driver	DrillExplo
2018	Spring	2018-05-07	112	LYG-996519	17:20:00	17:49:00	0.48	Pax	pax ug,charter 6 x pax	DrillExplo
2018	Spring	2018-05-08	125	VRH-746709	9:32:00	10:52:00	1.33	Ferry	Gillam-Churchill, pax=Dgelinas	Camp
2018	Spring	2018-05-08	125	VRH-746709	14:59:00	16:43:00	1.73	Ferry	MEL-MB2	Camp
2018	Spring	2018-05-08	125	VRH-746709	13:14:00	14:33:00	1.32	Ferry	Arviat-MEL	Camp
2018	Spring	2018-05-08	125	VRH-746709	16:57:00	17:18:00	0.35	Ferry	MB2-AMQ	Camp
2018	Spring	2018-05-08	125	VRH-746709	11:13:00	12:50:00	1.62	Ferry	Churchill-Arviat	Camp
2018	Spring	2018-05-08	113	LYG-996520	16:12:00	17:16:00	1.07	DrillServ	NA	DrillExplo
2018	Spring	2018-05-08	113	LYG-996520	6:02:00	6:40:00	0.63	Core	NA	DrillExplo
2018	Spring	2018-05-08	113	LYG-996520	6:02:00	6:40:00	0.63	CrewChg	drillers,bull driver	DrillExplo
2018	Spring	2018-05-08	113	LYG-996520	18:01:00	18:27:00	0.43	CrewChg	drillers,bull driver	DrillExplo
2018	Spring	2018-05-09	114	LYG-996521	6:40:00	8:11:00	1.52	Core	NA	DrillExplo
2018	Spring	2018-05-09	114	LYG-996521	6:40:00	8:11:00	1.52	CrewChg	NA	DrillExplo
2018	Spring	2018-05-09	114	LYG-996521	6:40:00	8:11:00	1.52	DrillServ	NA	DrillExplo
2018	Spring	2018-05-09	114	LYG-996521	13:46:00	14:05:00	0.32	PaxLoc	LPBrien	DrillExplo
2018	Spring	2018-05-09	114	LYG-996521	17:58:00	18:26:00	0.47	CrewChg	drillers,bull driver	DrillExplo
2018	Spring	2018-05-09	114	LYG-996521	6:07:00	6:23:00	0.27	CrewChg	drillers,gtrembay,LPBrien,bull driver	DrillExplo
2018	Spring	2018-05-09	126	VRH-746710	18:16:00	18:40:00	0.4	PaxLoc	N. Duquet Harvey,J. Hart (KIA),C. Shapka (Golder)	EnvOth
2018	Spring	2018-05-09	126	VRH-746710	18:49:00	19:08:00	0.32	PaxLoc	Returned empty	EnvOth
2018	Spring	2018-05-10	127	VRH-746711	6:03:00	6:27:00	0.4	CrewChg	2 x drillers, drill km46	Camp
2018	Spring	2018-05-10	127	VRH-746711	17:37:00	18:26:00	0.82	CrewChg	2 x drillers, drill km46	DrillExplo
2018	Spring	2018-05-10	127	VRH-746711	17:37:00	18:26:00	0.82	Core	NA	DrillExplo
2018	Spring	2018-05-11	130	VRH-746712	9:52:00	10:15:00	0.38	Medevac	return empty	Camp
2018	Spring	2018-05-11	130	VRH-746712	9:05:00	9:21:00	0.27	Medevac	medic + 2	Camp
2018	Spring	2018-05-11	128	LYG-996523	11:12:00	12:49:00	1.62	PaxLoc	Orbit Fcarriere	DrillExplo
2018	Spring	2018-05-11	128	LYG-996523	13:30:00	14:00:00	0.5	PaxLoc	LPBrien,Fcarriere,Scou sineau	DrillExplo
2018	Spring	2018-05-11	128	LYG-996523	11:12:00	12:49:00	1.62	DrillServ	NA	DrillExplo
2018	Spring	2018-05-11	128	LYG-996523	10:11:00	10:39:00	0.47	PaxLoc	Orbit Fcarriere	DrillExplo
2018	Spring	2018-05-11	128	LYG-996523	6:03:00	7:02:00	0.98	Core	NA	DrillExplo
2018	Spring	2018-05-11	128	LYG-996523	6:03:00	7:02:00	0.98	CrewChg	drillers,lpBrien	DrillExplo
2018	Spring	2018-05-11	130	VRH-746712	14:49:00	14:59:00	0.17	PaxLoc	philippe, frederic	DrillExplo
2018	Spring	2018-05-11	130	VRH-746712	15:13:00	15:23:00	0.17	PaxLoc	philippe	DrillExplo
2018	Spring	2018-05-11	130	VRH-746712	17:57:00	18:19:00	0.37	PaxLoc	frederic,2 x driller	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	8:13:00	8:36:00	0.38	Pax	Martin, Stephane, Michael,Acoulombe,Yl evesque	Camp
2018	Spring	2018-05-12	132	VRH-746713	7:29:00	7:48:00	0.32	Pax	Martin, Stephane, Michael Px/constr	Camp
2018	Spring	2018-05-12	132	VRH-746713	13:22:00	13:40:00	0.3	Pax	bob montgomery	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	18:10:00	18:59:00	0.82	CrewChg	crew change 2 drillers, Fred, Louis-Philippe	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	16:30:00	17:01:00	0.52	PaxLoc	Fred, Louis-Philippe, Drill km46	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	8:36:00	9:55:00	1.32	Fuel	3x AMQ-Drill46-AMQ	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	6:04:00	6:20:00	0.27	CrewChg	2 drillers crew change km46 Cc7014	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	6:50:00	6:59:00	0.15	CrewChg	Andrei Vizdoga Cc7014	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	12:46:00	13:07:00	0.35	Pax	NA	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	10:28:00	10:37:00	0.15	LocSIng	Drill engine	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	16:30:00	17:01:00	0.52	Core	NA	DrillExplo
2018	Spring	2018-05-12	132	VRH-746713	8:36:00	9:55:00	1.32	Core	3x AMQ-Drill46-AMQ	DrillExplo
2018	Spring	2018-05-13	136	LYG-996525	7:00:00	7:58:00	0.97	DrillServ	drill service	DrillExplo
2018	Spring	2018-05-13	136	LYG-996525	6:07:00	6:37:00	0.5	CrewChg	Drillers crew change	DrillExplo
2018	Spring	2018-05-14	140	LYG-996526	13:07:00	13:26:00	0.32	Pax	PX mine inspector construction/Michel Angers	Camp
2018	Spring	2018-05-14	140	LYG-996526	13:51:00	14:16:00	0.42	Pax	Mine inspector x5	Camp
2018	Spring	2018-05-14	140	LYG-996526	17:15:00	17:35:00	0.33	Pax	px mine inspector x 3	Camp
2018	Spring	2018-05-14	140	LYG-996526	18:12:00	18:38:00	0.43	Pax	back to amq	Camp
2018	Spring	2018-05-14	140	LYG-996526	11:25:00	11:38:00	0.22	DrillServ	NA	DrillExplo

Table 1 2017 to 2019										
Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Spring	2018-05-15	148	LYG-353815	10:42:00	11:01:00	0.32	Pax	px const. Bmontgomery Sbrochu, Dsarrazin, Cdesaulniers	Camp
2018	Spring	2018-05-15	148	LYG-353815	13:04:00	13:21:00	0.28	Pax	Michael Bergen Heli Pilot	Camp
2018	Spring	2018-05-15	148	LYG-353815	11:20:00	11:40:00	0.33	Pax	px constr. Steph Brochu, Dany Sarrazin, Chris Desaulniers	Camp
2018	Spring	2018-05-16	155	VRH-998235	15:47:00	17:05:00	1.3	Pax	px (road closed caribous)	Camp
2018	Spring	2018-05-16	155	VRH-998235	15:47:00	17:05:00	1.3	PaxLoc	ms Robin Allard	Camp
2018	Spring	2018-05-16	155	VRH-998235	15:09:00	15:34:00	0.42	Pax	px construction. Road closed (caribous)	Camp
2018	Spring	2018-05-17	156	VRH-998236	12:09:00	12:55:00	0.77	PaxLoc	px construction; accident investigation	Camp
2018	Spring	2018-05-18	158	VRH-998237	11:48:00	12:17:00	0.48	Pax	Marie-Josée Banville, Fréd Carrière, Pascal Dufresne	Camp
2018	Spring	2018-05-18	158	VRH-998237	12:30:00	12:59:00	0.48	PaxLoc	M-J Banville, Road survey Caribou	Camp
2018	Spring	2018-05-19	165	LYG-353819	15:42:00	16:41:00	0.98	PaxLoc	construction/road survey for mine	Camp
2018	Spring	2018-05-20	167	ZRN-075111	19:03:00	19:10:00	0.12	PaxLoc	moving for blast	Camp
2018	Spring	2018-05-20	166	VRH-998239	18:22:00	18:29:00	0.12	PaxLoc	move for blast	Camp
2018	Spring	2018-05-20	166	VRH-998239	19:00:00	19:07:00	0.12	PaxLoc	move for blast	Camp
2018	Spring	2018-05-20	167	ZRN-075111	18:20:00	18:27:00	0.12	PaxLoc	moving for blast	Camp
2018	Spring	2018-05-20	173	LYG-353820	13:55:00	15:07:00	1.2	PaxLoc	water sampling environment, 4x pax	Camp
2018	Spring	2018-05-20	173	LYG-353820	15:50:00	16:08:00	0.3	PaxLoc	pl enviro. 3x pax Martin Archambault, Laurence Archambault+1	Camp
2018	Spring	2018-05-21	170	LYG-353821	16:38:00	17:39:00	1.02	LocSIng	whitehill, greyhound	Camp
2018	Spring	2018-05-21	170	LYG-353821	15:11:00	15:57:00	0.77	PaxLoc	PL white hill greyhound, AlexDD, PhilNadeau, MikeBergen	Camp
2018	Spring	2018-05-21	170	LYG-353821	16:38:00	17:39:00	1.02	PaxLoc	AlexDD, Phil Nadeau, Mike Bergen	Camp
2018	Spring	2018-05-21	171	VRH-998240	18:14:00	18:20:00	0.1	PaxLoc	moving for blast	Camp
2018	Spring	2018-05-21	171	VRH-998240	19:07:00	19:14:00	0.12	PaxLoc	moving for blast	Camp
2018	Spring	2018-05-21	172	ZRN-075112	8:10:00	9:59:00	1.82	Pax	PAX 3x 611134515	Camp
2018	Spring	2018-05-21	172	ZRN-075112	13:47:00	14:09:00	0.37	Pax	pax 611134515	Camp
2018	Spring	2018-05-21	172	ZRN-075112	18:11:00	18:17:00	0.1	PaxLoc	moving for blast	Camp
2018	Spring	2018-05-21	172	ZRN-075112	19:07:00	19:13:00	0.1	PaxLoc	moving for blast	Camp
2018	Spring	2018-05-21	170	LYG-353821	8:31:00	9:27:00	0.93	LocSIng	LS #611134515	Camp
2018	Spring	2018-05-21	171	VRH-998240	8:17:00	9:42:00	1.42	Pax	PX # 611134515, Charter for crew change	Camp
2018	Spring	2018-05-22	175	ZRN-075113	12:47:00	13:33:00	0.77	Pax	3x pax	Camp
2018	Spring	2018-05-22	175	ZRN-075113	17:28:00	19:06:00	1.63	Mbag	Megabag explo	Camp
2018	Spring	2018-05-22	175	ZRN-075113	19:11:00	19:27:00	0.27	Mbag	back to AMQ	Camp
2018	Spring	2018-05-22	177	LYG-353822	17:48:00	19:09:00	1.35	Mbag	megabags amaruq	DrillExplo
2018	Spring	2018-05-22	177	LYG-353822	19:10:00	19:44:00	0.57	Mbag	megabag	DrillExplo
2018	Spring	2018-05-23	188	VRH-046970	17:04:00	17:26:00	0.37	Pax	5x PAX	Camp
2018	Spring	2018-05-23	178	LYG-353823	17:24:00	19:16:00	1.87	PaxLoc	pl health&safety (AndreRouleau) S&R	Camp
2018	Spring	2018-05-23	188	VRH-046970	16:19:00	16:44:00	0.42	Pax	NA	Camp
2018	Spring	2018-05-23	188	VRH-046970	10:25:00	11:08:00	0.72	Pax	Denis Vaillancourt, Eric Alexandre	Camp
2018	Spring	2018-05-24	189	VRH-046971	17:41:00	18:02:00	0.35	Pax	3x PAX	Camp
2018	Spring	2018-05-24	185	LYG-353824	12:25:00	13:57:00	1.53	PaxLoc	S&R north west of MBK (attn Andre Rouleau), 3xPL	Camp
2018	Spring	2018-05-24	185	LYG-353824	9:03:00	10:45:00	1.7	PaxLoc	S&R Amarulik lake (attn Andre Rouleau), 3xPL	Camp
2018	Spring	2018-05-24	189	VRH-046971	18:19:00	18:43:00	0.4	Pax	3x PAX	Camp
2018	Spring	2018-05-25	187	LYG-353825	9:16:00	10:02:00	0.77	PaxLoc	H&S, search & rescue, Rjackson, Mparadis, KyleNester (lost)	Camp
2018	Spring	2018-05-25	196	VRH-046972	20:15:00	20:39:00	0.4	Pax	px to meadowbank	Camp
2018	Spring	2018-05-25	196	VRH-046972	20:39:00	21:31:00	0.87	PaxLoc	explo drillers	DrillExplo
2018	Spring	2018-05-25	196	VRH-046972	20:39:00	21:31:00	0.87	PaxLoc	explo drillers	DrillExplo
2018	Summer	2018-05-26	199	ZRN-075117	14:36:00	14:54:00	0.3	PaxLoc	weather check, AMQ camp	Camp
2018	Summer	2018-05-27	193	LYG-353827	13:07:00	13:16:00	0.15	PaxLoc	environment to inug98 water sampling	Camp
2018	Summer	2018-05-27	193	LYG-353827	9:17:00	9:26:00	0.15	PaxLoc	pl environment to tef48, FannyLaporte, Laurence Archambault	Camp
2018	Summer	2018-05-27	193	LYG-353827	10:06:00	10:11:00	0.08	PaxLoc	environnment to tef 47 water sampling	Camp
2018	Summer	2018-05-27	193	LYG-353827	10:49:00	11:05:00	0.27	PaxLoc	NA	Camp
2018	Summer	2018-05-27	193	LYG-353827	13:59:00	14:06:00	0.12	PaxLoc	inug98 to inug99 water sampling	Camp
2018	Summer	2018-05-27	193	LYG-353827	14:43:00	14:53:00	0.17	PaxLoc	inug99 to mbk	Camp
2018	Summer	2018-05-28	201	ZRN-075119	5:56:00	7:26:00	1.5	Core	NA	DrillExplo
2018	Summer	2018-05-28	201	ZRN-075119	5:56:00	7:26:00	1.5	CrewChg	orbit crew change	DrillExplo
2018	Summer	2018-05-28	201	ZRN-075119	5:56:00	7:26:00	1.5	DrillServ	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-05-28	210	VRH-046975	17:59:00	19:25:00	1.43	CrewChg	drillers	DrillExplo
2018	Summer	2018-05-28	210	VRH-046975	17:59:00	19:25:00	1.43	Core	NA	DrillExplo
2018	Summer	2018-05-29	211	VRH-046976	16:06:00	16:56:00	0.83	Core	NA	DrillExplo
2018	Summer	2018-05-29	211	VRH-046976	20:21:00	20:31:00	0.17	CrewChg	NA	DrillExplo
2018	Summer	2018-05-29	202	ZRN-075120	5:55:00	7:11:00	1.27	CrewChg	orbit crew change	DrillExplo
2018	Summer	2018-05-29	202	ZRN-075120	5:55:00	7:11:00	1.27	DrillServ	NA	DrillExplo
2018	Summer	2018-05-29	202	ZRN-075120	5:55:00	7:11:00	1.27	Core	NA	DrillExplo
2018	Summer	2018-05-29	211	VRH-046976	16:06:00	16:56:00	0.83	CrewChg	drillers	DrillExplo
2018	Summer	2018-05-29	211	VRH-046976	18:53:00	19:12:00	0.32	CrewChg	drillers	DrillExplo
2018	Summer	2018-05-30	213	ZRN-075121	9:26:00	9:58:00	0.53	Floor	Fs3	DrillExplo
2018	Summer	2018-05-30	213	ZRN-075121	5:55:00	6:48:00	0.88	Core	NA	DrillExplo
2018	Summer	2018-05-30	213	ZRN-075121	5:55:00	6:48:00	0.88	CrewChg	NA	DrillExplo
2018	Summer	2018-05-30	212	VRH-046977	19:48:00	20:00:00	0.2	CrewChg	NA	DrillExplo
2018	Summer	2018-05-30	212	VRH-046977	17:39:00	18:49:00	1.17	CrewChg	NA	DrillExplo
2018	Summer	2018-05-30	212	VRH-046977	17:39:00	18:49:00	1.17	Core	NA	DrillExplo
2018	Summer	2018-05-31	214	ZRN-075122	8:39:00	10:02:00	1.38	Core	NA	DrillExplo
2018	Summer	2018-05-31	224	VRH-046978	16:56:00	17:26:00	0.5	Core	NA	DrillExplo
2018	Summer	2018-05-31	214	ZRN-075122	10:14:00	10:42:00	0.47	Core	NA	DrillExplo
2018	Summer	2018-05-31	224	VRH-046978	18:20:00	19:20:00	1	CrewChg	NA	DrillExplo
2018	Summer	2018-05-31	214	ZRN-075122	8:39:00	10:02:00	1.38	CrewChg	NA	DrillExplo
2018	Summer	2018-06-01	233	VRH-046979	10:37:00	10:42:00	0.08	PaxLoc	const. bolder	Camp
2018	Summer	2018-06-01	233	VRH-046979	11:01:00	11:15:00	0.23	PaxLoc	const. bolder	Camp
2018	Summer	2018-06-01	233	VRH-046979	16:51:00	17:18:00	0.45	Core	NA	DrillExplo
2018	Summer	2018-06-01	233	VRH-046979	14:20:00	16:15:00	1.92	Move	dm1	DrillExplo
2018	Summer	2018-06-01	233	VRH-046979	18:00:00	18:45:00	0.75	CrewChg	NA	DrillExplo
2018	Summer	2018-06-01	223	ZRN-075123	5:55:00	6:38:00	0.72	CrewChg	orbit	DrillExplo
2018	Summer	2018-06-01	223	ZRN-075123	5:04:00	5:49:00	0.75	DrillServ	NA	DrillExplo
2018	Summer	2018-06-01	223	ZRN-075123	5:04:00	5:49:00	0.75	Core	NA	DrillExplo
2018	Summer	2018-06-02	232	VRH-046980	19:03:00	19:24:00	0.35	Pax	construction px	Camp
2018	Summer	2018-06-02	232	VRH-046980	19:40:00	19:58:00	0.3	Pax	px constr Annie, Daniel, Richard, Christian	Camp
2018	Summer	2018-06-02	232	VRH-046980	16:50:00	17:19:00	0.48	Core	NA	DrillExplo
2018	Summer	2018-06-02	232	VRH-046980	18:07:00	18:46:00	0.65	CrewChg	NA	DrillExplo
2018	Summer	2018-06-02	234	ZRN-075124	8:00:00	8:32:00	0.53	Core	NA	DrillExplo
2018	Summer	2018-06-02	234	ZRN-075124	10:30:00	10:43:00	0.22	DrillServ	NA	DrillExplo
2018	Summer	2018-06-02	234	ZRN-075124	14:04:00	15:04:00	1	Floor	fs1	DrillExplo
2018	Summer	2018-06-02	234	ZRN-075124	14:04:00	15:04:00	1	Floor	fs2	DrillExplo
2018	Summer	2018-06-03	235	ZRN-075125	4:36:00	5:12:00	0.6	Core	NA	DrillExplo
2018	Summer	2018-06-03	235	ZRN-075125	4:36:00	5:12:00	0.6	DrillServ	NA	DrillExplo
2018	Summer	2018-06-03	235	ZRN-075125	5:47:00	6:22:00	0.58	CrewChg	NA	DrillExplo
2018	Summer	2018-06-03	238	VRH-046981	16:31:00	17:07:00	0.6	DrillServ	NA	DrillExplo
2018	Summer	2018-06-03	238	VRH-046981	16:31:00	17:07:00	0.6	Core	NA	DrillExplo
2018	Summer	2018-06-03	238	VRH-046981	17:56:00	18:36:00	0.67	CrewChg	drillers	DrillExplo
2018	Summer	2018-06-04	243	VRH-046982	17:58:00	18:29:00	0.52	CrewChg	NA	DrillExplo
2018	Summer	2018-06-04	243	VRH-046982	16:52:00	17:20:00	0.47	DrillServ	NA	DrillExplo
2018	Summer	2018-06-04	239	ZRN-075126	5:55:00	6:31:00	0.6	CrewChg	orbit drillers	DrillExplo
2018	Summer	2018-06-04	239	ZRN-075126	4:50:00	5:14:00	0.4	Core	NA	DrillExplo
2018	Summer	2018-06-04	243	VRH-046982	16:52:00	17:20:00	0.47	Core	NA	DrillExplo
2018	Summer	2018-06-05	244	ZRN-075127	4:43:00	5:31:00	0.8	Core	NA	DrillExplo
2018	Summer	2018-06-05	244	ZRN-075127	5:55:00	6:27:00	0.53	CrewChg	NA	DrillExplo
2018	Summer	2018-06-05	259	VRH-998255	16:42:00	17:30:00	0.8	Core	NA	DrillExplo
2018	Summer	2018-06-05	244	ZRN-075127	4:43:00	5:31:00	0.8	DrillServ	NA	DrillExplo
2018	Summer	2018-06-05	259	VRH-998255	16:42:00	17:30:00	0.8	Fuel	NA	DrillExplo
2018	Summer	2018-06-05	259	VRH-998255	17:59:00	18:50:00	0.85	CrewChg	NA	DrillExplo
2018	Summer	2018-06-05	259	VRH-998255	16:42:00	17:30:00	0.8	DrillServ	NA	DrillExplo
2018	Summer	2018-06-06	261	ZRN-075128	10:48:00	11:52:00	1.07	DrillServ	NA	DrillExplo
2018	Summer	2018-06-06	261	ZRN-075128	15:58:00	17:55:00	1.95	Move	D2	DrillExplo
2018	Summer	2018-06-06	261	ZRN-075128	10:48:00	11:52:00	1.07	Move	D5	DrillExplo
2018	Summer	2018-06-06	261	ZRN-075128	10:48:00	11:52:00	1.07	Fuel	NA	DrillExplo
2018	Summer	2018-06-06	261	ZRN-075128	10:48:00	11:52:00	1.07	Core	NA	DrillExplo
2018	Summer	2018-06-06	260	VRH-998256	16:42:00	18:50:00	2.13	CrewChg	NA	DrillExplo
2018	Summer	2018-06-06	260	VRH-998256	16:42:00	18:50:00	2.13	Move	NA	DrillExplo
2018	Summer	2018-06-06	260	VRH-998256	16:42:00	18:50:00	2.13	DrillServ	NA	DrillExplo
2018	Summer	2018-06-06	260	VRH-998256	16:42:00	18:50:00	2.13	Fuel	NA	DrillExplo
2018	Summer	2018-06-06	260	VRH-998256	16:42:00	18:50:00	2.13	Core	NA	DrillExplo
2018	Summer	2018-06-06	253	LYG-819105	11:05:00	12:40:00	1.58	Floor	NA	DrillExplo
2018	Summer	2018-06-06	253	LYG-819105	14:42:00	17:39:00	2.95	PaxLoc	obg workers for move	DrillExplo
2018	Summer	2018-06-06	253	LYG-819105	14:42:00	17:39:00	2.95	Move	NA	DrillExplo
2018	Summer	2018-06-06	253	LYG-819105	18:05:00	19:14:00	1.15	CrewChg	obg workers for move	DrillExplo
2018	Summer	2018-06-06	253	LYG-819105	18:05:00	19:14:00	1.15	Move	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	19:12:00	19:34:00	0.37	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	262	ZRN-517406	9:11:00	9:20:00	0.15	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	15:58:00	16:42:00	0.73	Core	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	22:27:00	23:59:00	1.53	Move	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	22:27:00	23:59:00	1.53	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	21:48:00	22:08:00	0.33	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	22:27:00	23:59:00	1.53	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	19:12:00	19:34:00	0.37	CrewChg	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	17:36:00	18:08:00	0.53	CrewChg	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	15:58:00	16:42:00	0.73	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	262	ZRN-517406	5:37:00	6:53:00	1.27	Fuel	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	15:58:00	16:42:00	0.73	Fuel	NA	DrillExplo
2018	Summer	2018-06-07	264	VRH-998257	21:48:00	22:08:00	0.33	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	262	ZRN-517406	5:37:00	6:53:00	1.27	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	6:40:00	8:02:00	1.37	Move	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	8:10:00	9:22:00	1.2	Move	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	9:31:00	10:03:00	0.53	Move	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	10:16:00	10:32:00	0.27	Move	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	13:05:00	13:28:00	0.38	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	14:27:00	14:41:00	0.23	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	17:25:00	18:28:00	1.05	DrillServ	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	6:04:00	6:19:00	0.25	CrewChg	NA	DrillExplo
2018	Summer	2018-06-07	262	ZRN-517406	5:37:00	6:53:00	1.27	CrewChg	NA	DrillExplo
2018	Summer	2018-06-07	262	ZRN-517406	4:51:00	5:29:00	0.63	Core	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	15:08:00	16:31:00	1.38	Floor	NA	DrillExplo
2018	Summer	2018-06-07	254	LYG-819106	11:06:00	12:07:00	1.02	PaxLoc	Robin Allard (CoA approved)	EnvOth
2018	Summer	2018-06-08	265	VRH-998258	16:19:00	16:50:00	0.52	Medevac	medical crew	Camp
2018	Summer	2018-06-08	265	VRH-998258	14:21:00	14:53:00	0.53	Medevac	medical crew	Camp
2018	Summer	2018-06-08	265	VRH-998258	15:31:00	15:51:00	0.33	Medevac	low level	Camp
2018	Summer	2018-06-08	268	LYG-819107	6:00:00	6:20:00	0.33	CrewChg	fred,jonathan	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-08	268	LYG-819107	13:56:00	14:26:00	0.5	Fuel	D10	DrillExplo
2018	Summer	2018-06-08	268	LYG-819107	17:33:00	17:50:00	0.28	Core	D10	DrillExplo
2018	Summer	2018-06-08	263	ZRN-517407	15:56:00	16:46:00	0.83	Core	NA	DrillExplo
2018	Summer	2018-06-08	263	ZRN-517407	4:44:00	5:35:00	0.85	DrillServ	NA	DrillExplo
2018	Summer	2018-06-08	263	ZRN-517407	5:58:00	6:34:00	0.6	CrewChg	NA	DrillExplo
2018	Summer	2018-06-08	263	ZRN-517407	14:18:00	14:27:00	0.15	Medevac	jerome+2	DrillExplo
2018	Summer	2018-06-08	263	ZRN-517407	15:56:00	16:46:00	0.83	Fuel	NA	DrillExplo
2018	Summer	2018-06-08	265	VRH-998258	16:19:00	16:50:00	0.52	PaxLoc	janine (surveyor)	DrillExplo
2018	Summer	2018-06-08	265	VRH-998258	17:26:00	17:53:00	0.45	CrewChg	RAB crew	DrillExplo
2018	Summer	2018-06-08	265	VRH-998258	18:07:00	19:00:00	0.88	CrewChg	NA	DrillExplo
2018	Summer	2018-06-08	265	VRH-998258	20:00:00	20:28:00	0.47	DrillServ	NA	DrillExplo
2018	Summer	2018-06-08	265	VRH-998258	21:35:00	22:06:00	0.52	PaxLoc	richard	DrillExplo
2018	Summer	2018-06-08	263	ZRN-517407	4:44:00	5:35:00	0.85	Core	NA	DrillExplo
2018	Summer	2018-06-08	265	VRH-998258	11:04:00	13:33:00	2.48	Move	NA	DrillRAB
2018	Summer	2018-06-08	263	ZRN-517407	10:24:00	13:36:00	3.2	Move	rab 7014 mobilization	DrillRAB
2018	Summer	2018-06-09	278	VRH-998259	19:06:00	19:16:00	0.17	CrewChg	NA	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	11:07:00	12:01:00	0.9	DrillServ	NA	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	11:07:00	12:01:00	0.9	PaxLoc	svallee (obg)	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	11:07:00	12:01:00	0.9	Floor	D1	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	15:54:00	16:40:00	0.77	PaxLoc	nicolas+ombeline (geol)	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	15:54:00	16:40:00	0.77	Core	NA	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	17:29:00	18:40:00	1.18	CrewChg	NA	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	21:42:00	22:06:00	0.4	PaxLoc	richard+2 (obg)	DrillExplo
2018	Summer	2018-06-09	278	VRH-998259	15:54:00	16:40:00	0.77	DrillServ	NA	DrillExplo
2018	Summer	2018-06-09	269	LYG-787562	7:41:00	8:07:00	0.43	Move	D10	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	4:35:00	6:23:00	1.8	Core	NA	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	6:38:00	7:17:00	0.65	CrewChg	NA	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	6:38:00	7:17:00	0.65	DrillServ	NA	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	10:15:00	10:48:00	0.55	PaxLoc	gordon marsden	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	11:01:00	12:08:00	1.12	Move	D10	DrillExplo
2018	Summer	2018-06-09	269	LYG-787562	6:32:00	6:40:00	0.13	CrewChg	NA	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	4:35:00	6:23:00	1.8	CrewChg	NA	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	4:35:00	6:23:00	1.8	DrillServ	NA	DrillExplo
2018	Summer	2018-06-09	269	LYG-787562	6:00:00	6:09:00	0.15	CrewChg	D10	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	12:39:00	12:55:00	0.27	PaxLoc	gordon marsden	DrillExplo
2018	Summer	2018-06-09	269	LYG-787562	8:38:00	9:24:00	0.77	Move	D10	DrillExplo
2018	Summer	2018-06-09	269	LYG-787562	18:05:00	18:24:00	0.32	CrewChg	D10	DrillExplo
2018	Summer	2018-06-09	267	ZRN-517408	8:56:00	9:12:00	0.27	DrillServ	NA	DrillRAB
2018	Summer	2018-06-09	267	ZRN-517408	4:35:00	6:23:00	1.8	CrewChg	RAB 7014	DrillRAB
2018	Summer	2018-06-09	278	VRH-998259	17:29:00	18:40:00	1.18	CrewChg	rab	DrillRAB
2018	Summer	2018-06-09	267	ZRN-517408	7:29:00	7:52:00	0.38	DrillServ	NA	DrillRAB
2018	Summer	2018-06-10	284	VRH-998260	15:55:00	16:55:00	1	PaxLoc	floor crew	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	22:47:00	22:57:00	0.17	PaxLoc	richard (obg)	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	20:01:00	21:39:00	1.63	PaxLoc	gyro,obg	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	13:33:00	14:29:00	0.93	Floor	D2,D3	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	15:55:00	16:55:00	1	Core	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	15:55:00	16:55:00	1	DrillServ	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	15:55:00	16:55:00	1	Fuel	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	17:14:00	19:15:00	2.02	CrewChg	rab crew	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	17:14:00	19:15:00	2.02	CrewChg	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	17:14:00	19:15:00	2.02	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	17:14:00	19:15:00	2.02	DrillServ	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	17:14:00	19:15:00	2.02	Fuel	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	13:33:00	14:29:00	0.93	PaxLoc	floor crew,janine (surv)	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	8:19:00	8:28:00	0.15	CrewChg	NA	DrillExplo
2018	Summer	2018-06-10	270	LYG-819109	8:54:00	10:05:00	1.18	Floor	D10	DrillExplo
2018	Summer	2018-06-10	270	LYG-819109	8:54:00	10:05:00	1.18	PaxLoc	Gtremblay,Tom Thompson	DrillExplo
2018	Summer	2018-06-10	270	LYG-819109	6:00:00	6:16:00	0.27	CrewChg	D10	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	4:34:00	5:46:00	1.2	Core	NA	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	4:34:00	5:46:00	1.2	Fuel	NA	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	4:34:00	5:46:00	1.2	DrillServ	NA	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	7:20:00	8:04:00	0.73	DrillServ	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	20:01:00	21:39:00	1.63	DrillServ	NA	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	11:18:00	11:40:00	0.37	Move	vault	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	11:58:00	14:38:00	2.67	Move	D10	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	14:55:00	15:13:00	0.3	Move	D10	DrillExplo
2018	Summer	2018-06-10	279	ZRN-517409	6:00:00	6:38:00	0.63	CrewChg	NA	DrillExplo
2018	Summer	2018-06-10	284	VRH-998260	20:01:00	21:39:00	1.63	Fuel	rab	DrillRAB
2018	Summer	2018-06-10	284	VRH-998260	20:01:00	21:39:00	1.63	PaxLoc	rab	DrillRAB
2018	Summer	2018-06-10	284	VRH-998260	17:14:00	19:15:00	2.02	DrillServ	NA	DrillRAB
2018	Summer	2018-06-10	279	ZRN-517409	4:34:00	5:46:00	1.2	CrewChg	rab crew	DrillRAB
2018	Summer	2018-06-10	279	ZRN-517409	11:18:00	11:40:00	0.37	CrewChg	rab crew	DrillRAB
2018	Summer	2018-06-11	285	VRH-998261	14:40:00	15:36:00	0.93	Move	rab	NA
2018	Summer	2018-06-11	287	ZRN-517410	4:35:00	5:13:00	0.63	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	287	ZRN-517410	10:49:00	11:08:00	0.32	LocSing	NA	DrillExplo
2018	Summer	2018-06-11	287	ZRN-517410	7:26:00	8:11:00	0.75	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	287	ZRN-517410	5:30:00	6:48:00	1.3	LocSing	NA	DrillExplo
2018	Summer	2018-06-11	287	ZRN-517410	5:30:00	6:48:00	1.3	CrewChg	NA	DrillExplo
2018	Summer	2018-06-11	287	ZRN-517410	10:49:00	11:08:00	0.32	PaxLoc	devico	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	17:53:00	18:31:00	0.63	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	17:53:00	18:31:00	0.63	PaxLoc	drillrx2	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	16:05:00	16:42:00	0.62	PaxLoc	geolx2	DrillExplo
2018	Summer	2018-06-11	287	ZRN-517410	4:35:00	5:13:00	0.63	Core	NA	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	14:20:00	16:00:00	1.67	PaxLoc	geolx2	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	14:20:00	16:00:00	1.67	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	6:00:00	6:14:00	0.23	PaxLoc	drillrx2	DrillExplo
2018	Summer	2018-06-11	302	LYG-939347	16:05:00	16:42:00	0.62	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	285	VRH-998261	20:48:00	21:32:00	0.73	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	285	VRH-998261	17:36:00	18:54:00	1.3	CrewChg	NA	DrillExplo
2018	Summer	2018-06-11	285	VRH-998261	22:10:00	22:38:00	0.47	DrillServ	NA	DrillExplo
2018	Summer	2018-06-11	285	VRH-998261	22:10:00	22:38:00	0.47	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-11	285	VRH-998261	16:04:00	16:36:00	0.53	Core	NA	DrillExplo
2018	Summer	2018-06-11	285	VRH-998261	14:40:00	15:36:00	0.93	Fuel	rab	DrillRAB
2018	Summer	2018-06-11	287	ZRN-517410	5:30:00	6:48:00	1.3	CrewChg	rab	DrillRAB
2018	Summer	2018-06-11	285	VRH-998261	17:36:00	18:54:00	1.3	CrewChg	rab	DrillRAB
2018	Summer	2018-06-12	281	LYG-939346	NA	NA	NA	NA	NA	NA
2018	Summer	2018-06-12	281	LYG-939346	NA	NA	NA	NA	NA	NA
2018	Summer	2018-06-12	281	LYG-939346	NA	NA	NA	NA	NA	NA
2018	Summer	2018-06-12	288	ZRN-517411	14:16:00	15:34:00	1.3	Move	D3	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	17:31:00	23:59:00	6.47	CrewChg	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-12	303	LYG-939348	16:35:00	17:48:00	1.22	Move	NA	DrillExplo
2018	Summer	2018-06-12	303	LYG-939348	14:49:00	16:30:00	1.68	Move	NA	DrillExplo
2018	Summer	2018-06-12	303	LYG-939348	6:33:00	6:39:00	0.1	PaxLoc	guillaume drillx3	DrillExplo
2018	Summer	2018-06-12	303	LYG-939348	6:05:00	6:10:00	0.08	PaxLoc	guillaume drillx3	DrillExplo
2018	Summer	2018-06-12	281	LYG-939346	17:50:00	18:26:00	0.6	DrillServ	NA	DrillExplo
2018	Summer	2018-06-12	281	LYG-939346	16:16:00	17:03:00	0.78	DrillServ	NA	DrillExplo
2018	Summer	2018-06-12	288	ZRN-517411	4:45:00	6:49:00	2.07	DrillServ	NA	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	15:52:00	16:59:00	1.12	Core	NA	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	17:31:00	23:59:00	6.47	PaxLoc	drill crew	DrillExplo
2018	Summer	2018-06-12	281	LYG-939346	17:50:00	18:26:00	0.6	PaxLoc	DRILLERS	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	15:52:00	16:59:00	1.12	DrillServ	NA	DrillExplo
2018	Summer	2018-06-12	288	ZRN-517411	4:45:00	6:49:00	2.07	CrewChg	NA	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	15:52:00	16:59:00	1.12	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	14:14:00	15:33:00	1.32	DrillServ	NA	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	14:14:00	15:33:00	1.32	Move	D3	DrillExplo
2018	Summer	2018-06-12	288	ZRN-517411	4:45:00	6:49:00	2.07	Core	NA	DrillExplo
2018	Summer	2018-06-12	288	ZRN-517411	4:45:00	6:49:00	2.07	Fuel	NA	DrillExplo
2018	Summer	2018-06-12	288	ZRN-517411	4:45:00	6:49:00	2.07	LocSng	devico	DrillExplo
2018	Summer	2018-06-12	286	VRH-998262	17:31:00	23:59:00	6.47	DrillServ	NA	DrillExplo
2018	Summer	2018-06-12	288	ZRN-517411	9:23:00	9:32:00	0.15	PaxLoc	rab	DrillRAB
2018	Summer	2018-06-12	288	ZRN-517411	4:45:00	6:49:00	2.07	CrewChg	rab	DrillRAB
2018	Summer	2018-06-12	286	VRH-998262	17:31:00	23:59:00	6.47	Move	rab	DrillRAB
2018	Summer	2018-06-12	286	VRH-998262	17:31:00	23:59:00	6.47	CrewChg	rab	DrillRAB
2018	Summer	2018-06-12	303	LYG-939348	9:10:00	10:11:00	1.02	PaxLoc	envirox4 (acctnt authorised by Robin Allard)	EnvOth
2018	Summer	2018-06-13	304	LYG-939349	6:45:00	7:24:00	0.65	DrillServ	D10	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	9:22:00	11:20:00	1.97	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	23:48:00	23:59:00	0.18	DrillServ	NA	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	23:32:00	23:48:00	0.27	PaxLoc	richard (obg)+1	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	21:23:00	21:32:00	0.15	PaxLoc	richard (obg)+1	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	20:48:00	21:08:00	0.33	PaxLoc	richard (obg)+1	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	4:38:00	6:55:00	2.28	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	4:38:00	6:55:00	2.28	Core	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	4:38:00	6:55:00	2.28	Fuel	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	13:05:00	13:22:00	0.28	LocSng	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	4:38:00	6:55:00	2.28	CrewChg	NA	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	17:44:00	18:39:00	0.92	CrewChg	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	7:48:00	8:30:00	0.7	DrillServ	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	7:48:00	8:30:00	0.7	Fuel	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	13:05:00	13:22:00	0.28	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	16:00:00	16:39:00	0.65	Core	NA	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	16:00:00	16:39:00	0.65	Fuel	NA	DrillExplo
2018	Summer	2018-06-13	291	VRH-998263	16:00:00	16:39:00	0.65	DrillServ	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	4:38:00	6:55:00	2.28	DrillServ	NA	DrillExplo
2018	Summer	2018-06-13	289	ZRN-517412	8:44:00	9:04:00	0.33	LocSng	rab	DrillRAB
2018	Summer	2018-06-13	291	VRH-998263	22:53:00	23:27:00	0.57	Move	rab D11	DrillRAB
2018	Summer	2018-06-13	291	VRH-998263	17:44:00	18:39:00	0.92	CrewChg	rab(7014)	DrillRAB
2018	Summer	2018-06-13	289	ZRN-517412	4:38:00	6:55:00	2.28	CrewChg	rab	DrillRAB
2018	Summer	2018-06-13	289	ZRN-517412	9:22:00	11:20:00	1.97	LocSng	rab	DrillRAB
2018	Summer	2018-06-13	289	ZRN-517412	7:48:00	8:30:00	0.7	PaxLoc	rab	DrillRAB
2018	Summer	2018-06-14	305	LYG-939350	8:28:00	9:04:00	0.6	DrillServ	D10	DrillExplo
2018	Summer	2018-06-14	305	LYG-939350	17:05:00	17:45:00	0.67	Floor	D10	DrillExplo
2018	Summer	2018-06-14	305	LYG-939350	17:05:00	17:45:00	0.67	Core	NA	DrillExplo
2018	Summer	2018-06-14	305	LYG-939350	18:00:00	18:14:00	0.23	CrewChg	NA	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	15:47:00	17:45:00	1.97	CrewChg	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	4:31:00	5:11:00	0.67	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	14:26:00	15:13:00	0.78	Fuel	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	14:26:00	15:13:00	0.78	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	14:26:00	15:13:00	0.78	PaxLoc	eric (obg)	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	11:14:00	11:46:00	0.53	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	11:14:00	11:46:00	0.53	PaxLoc	janine (survey),obg mechanic	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	10:07:00	10:22:00	0.25	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	8:22:00	8:36:00	0.23	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	4:31:00	5:11:00	0.67	Fuel	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	4:31:00	5:11:00	0.67	Core	NA	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	21:10:00	22:30:00	1.33	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	21:10:00	22:30:00	1.33	PaxLoc	gyro guy, richard (obg)+1	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	19:15:00	19:31:00	0.27	CrewChg	rab	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	19:15:00	19:31:00	0.27	PaxLoc	gyro guy	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	15:47:00	17:45:00	1.97	DrillServ	NA	DrillExplo
2018	Summer	2018-06-14	280	VRH-998264	15:47:00	17:45:00	1.97	Core	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	5:35:00	6:33:00	0.97	CrewChg	NA	DrillExplo
2018	Summer	2018-06-14	292	ZRN-517413	5:35:00	6:33:00	0.97	CrewChg	rab	DrillRAB
2018	Summer	2018-06-14	280	VRH-998264	21:10:00	22:30:00	1.33	Move	D11 rab	DrillRAB
2018	Summer	2018-06-14	292	ZRN-517413	10:07:00	10:22:00	0.25	PaxLoc	rab, janine (survey)	DrillRAB
2018	Summer	2018-06-14	280	VRH-998264	15:47:00	17:45:00	1.97	CrewChg	rab	DrillRAB
2018	Summer	2018-06-15	306	LYG-939351	9:00:00	9:44:00	0.73	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	4:32:00	6:30:00	1.97	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	4:32:00	6:30:00	1.97	Fuel	NA	DrillExplo
2018	Summer	2018-06-15	306	LYG-939351	13:18:00	13:53:00	0.58	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	306	LYG-939351	18:00:00	18:30:00	0.5	Core	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	4:32:00	6:30:00	1.97	PaxLoc	obg mechanic	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	4:32:00	6:30:00	1.97	Core	NA	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	21:57:00	22:08:00	0.18	PaxLoc	richard+1 (obg)	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	7:25:00	8:08:00	0.72	PaxLoc	janine (surv),mireille (obg)	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	7:25:00	8:08:00	0.72	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	8:25:00	9:20:00	0.92	PaxLoc	janine (surv),mireille (obg)	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	8:25:00	9:20:00	0.92	Floor	D6	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	9:40:00	9:54:00	0.23	PaxLoc	janine (surv),mireille (obg)+H&S	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	11:07:00	11:54:00	0.78	PaxLoc	3 x H&S staff	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	11:07:00	11:54:00	0.78	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	11:07:00	11:54:00	0.78	Fuel	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	16:02:00	16:53:00	0.85	PaxLoc	janine (surv),Holly (H&S)	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	16:02:00	16:53:00	0.85	Core	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	16:02:00	16:53:00	0.85	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	13:34:00	13:46:00	0.2	PaxLoc	gyro crew	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-15	300	VRH-998265	17:34:00	18:41:00	1.12	CrewChg	crew,janine (survey)	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	19:27:00	21:13:00	1.77	Move	D6	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	22:20:00	23:00:00	0.67	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	4:32:00	6:30:00	1.97	CrewChg	NA	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	23:10:00	23:52:00	0.7	Move	D1	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	23:10:00	23:52:00	0.7	DrillServ	NA	DrillExplo
2018	Summer	2018-06-15	306	LYG-939351	18:00:00	18:30:00	0.5	CrewChg	NA	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	22:20:00	23:00:00	0.67	Move	D1	DrillExplo
2018	Summer	2018-06-15	300	VRH-998265	19:27:00	21:13:00	1.77	PaxLoc	richard+1 (obg)	DrillExplo
2018	Summer	2018-06-15	295	ZRN-517414	11:07:00	11:54:00	0.78	Move	D11 rab	DrillRAB
2018	Summer	2018-06-15	295	ZRN-517414	4:32:00	6:30:00	1.97	CrewChg	rab	DrillRAB
2018	Summer	2018-06-15	300	VRH-998265	17:34:00	18:41:00	1.12	CrewChg	rab	DrillRAB
2018	Summer	2018-06-16	311	VRH-998266	16:47:00	18:47:00	2	Floor	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	14:10:00	15:07:00	0.95	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	14:10:00	15:07:00	0.95	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	22:48:00	23:59:00	1.18	Move	dm2	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	22:30:00	22:37:00	0.12	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	21:10:00	21:41:00	0.52	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	19:44:00	20:07:00	0.38	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	16:47:00	18:47:00	2	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	15:22:00	16:32:00	1.17	Floor	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	5:32:00	6:49:00	1.28	CrewChg	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	14:10:00	15:07:00	0.95	Pax	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	15:22:00	16:32:00	1.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	16:47:00	18:47:00	2	CrewChg	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	13:24:00	13:37:00	0.22	PaxLoc	2xGeol	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	15:22:00	16:32:00	1.17	GenSIng	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	10:25:00	12:48:00	2.38	PaxLoc	janine (surv),obg	DrillExplo
2018	Summer	2018-06-16	311	VRH-998266	10:55:00	11:43:00	0.8	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	10:25:00	12:48:00	2.38	Move	D6	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	5:32:00	6:49:00	1.28	LocSIng	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	4:26:00	5:01:00	0.58	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	16:04:00	16:59:00	0.92	Core	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	16:04:00	16:59:00	0.92	Fuel	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	16:04:00	16:59:00	0.92	DrillServ	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	16:04:00	16:59:00	0.92	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	4:26:00	5:01:00	0.58	Core	NA	DrillExplo
2018	Summer	2018-06-16	307	LYG-939352	7:45:00	7:52:00	0.12	Move	D10	DrillExplo
2018	Summer	2018-06-16	307	LYG-939352	8:20:00	9:30:00	1.17	Move	D10	DrillExplo
2018	Summer	2018-06-16	307	LYG-939352	9:35:00	10:50:00	1.25	Move	D10	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	10:25:00	12:48:00	2.38	Fuel	NA	DrillExplo
2018	Summer	2018-06-16	301	ZRN-517415	10:25:00	12:48:00	2.38	Move	rab D11	DrillRAB
2018	Summer	2018-06-16	311	VRH-998266	16:47:00	18:47:00	2	Floor	rab	DrillRAB
2018	Summer	2018-06-16	311	VRH-998266	16:47:00	18:47:00	2	CrewChg	rab	DrillRAB
2018	Summer	2018-06-16	301	ZRN-517415	5:32:00	6:49:00	1.28	CrewChg	rab	DrillRAB
2018	Summer	2018-06-17	317	ZRN-517416	11:48:00	11:57:00	0.15	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	14:28:00	15:16:00	0.8	PaxLoc	janine (survey)	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	14:28:00	15:16:00	0.8	LocSIng	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	14:28:00	15:16:00	0.8	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	15:37:00	16:37:00	1	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	15:37:00	16:37:00	1	Core	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	15:37:00	16:37:00	1	Fuel	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	15:37:00	16:37:00	1	LocSIng	NA	DrillExplo
2018	Summer	2018-06-17	320	LYG-939353	15:20:00	15:26:00	0.1	Move	empty, for DM	DrillExplo
2018	Summer	2018-06-17	320	LYG-939353	15:41:00	17:01:00	1.33	Move	d10	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	10:35:00	11:27:00	0.87	Floor	d1	DrillExplo
2018	Summer	2018-06-17	320	LYG-939353	18:20:00	19:45:00	1.42	Move	d10	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	4:28:00	5:12:00	0.73	Core	NA	DrillExplo
2018	Summer	2018-06-17	320	LYG-939353	17:06:00	18:06:00	1	Move	d10	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	10:35:00	11:27:00	0.87	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	8:16:00	9:00:00	0.73	Floor	D3	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	8:16:00	9:00:00	0.73	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	8:16:00	9:00:00	0.73	PaxLoc	obg,janine (survey)	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	5:33:00	8:00:00	2.45	Floor	d3,d2	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	5:33:00	8:00:00	2.45	PaxLoc	obg pierre-luc+1	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	5:33:00	8:00:00	2.45	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	4:28:00	5:12:00	0.73	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	315	VRH-998267	22:24:00	23:06:00	0.7	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	315	VRH-998267	22:24:00	23:06:00	0.7	PaxLoc	richard (obg)	DrillExplo
2018	Summer	2018-06-17	315	VRH-998267	17:50:00	18:56:00	1.1	CrewChg	NA	DrillExplo
2018	Summer	2018-06-17	320	LYG-939353	19:50:00	20:15:00	0.42	Move	d10	DrillExplo
2018	Summer	2018-06-17	315	VRH-998267	17:22:00	17:34:00	0.2	DrillServ	NA	DrillExplo
2018	Summer	2018-06-17	315	VRH-998267	16:10:00	16:19:00	0.15	PaxLoc	janine (survey),pierre- luc, clean-up	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	4:28:00	5:12:00	0.73	Fuel	NA	DrillExplo
2018	Summer	2018-06-17	317	ZRN-517416	5:33:00	8:00:00	2.45	CrewChg	NA	DrillExplo
2018	Summer	2018-06-17	315	VRH-998267	17:50:00	18:56:00	1.1	CrewChg	rab	DrillRAB
2018	Summer	2018-06-17	317	ZRN-517416	5:33:00	8:00:00	2.45	CrewChg	rab	DrillRAB
2018	Summer	2018-06-18	316	VRH-998268	23:26:00	23:36:00	0.17	PaxLoc	richard+1 (obg)	DrillExplo
2018	Summer	2018-06-18	321	LYG-939354	18:00:00	18:21:00	0.35	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	321	LYG-939354	18:00:00	18:21:00	0.35	CrewChg	NA	DrillExplo
2018	Summer	2018-06-18	321	LYG-939354	16:20:00	17:55:00	1.58	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	321	LYG-939354	16:20:00	17:55:00	1.58	Floor	d10	DrillExplo
2018	Summer	2018-06-18	321	LYG-939354	6:00:00	6:14:00	0.23	CrewChg	NA	DrillExplo
2018	Summer	2018-06-18	318	ZRN-517417	9:09:00	9:18:00	0.15	PaxLoc	janine (survey),mireile (obg)	DrillExplo
2018	Summer	2018-06-18	318	ZRN-517417	5:41:00	6:39:00	0.97	CrewChg	NA	DrillExplo
2018	Summer	2018-06-18	318	ZRN-517417	4:32:00	5:21:00	0.82	Fuel	NA	DrillExplo
2018	Summer	2018-06-18	318	ZRN-517417	4:32:00	5:21:00	0.82	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	16:00:00	16:52:00	0.87	Core	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	20:40:00	21:32:00	0.87	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	20:40:00	21:32:00	0.87	Floor	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	20:40:00	21:32:00	0.87	PaxLoc	richard+1 (obg)	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	17:54:00	19:02:00	1.13	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	17:54:00	19:02:00	1.13	CrewChg	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	16:00:00	16:52:00	0.87	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	16:00:00	16:52:00	0.87	Fuel	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	15:21:00	15:34:00	0.22	PaxLoc	michael (obg)	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	11:53:00	12:05:00	0.2	PaxLoc	janine+1 (survey),michael (obg)	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-18	318	ZRN-517417	4:32:00	5:21:00	0.82	Core	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	13:38:00	14:42:00	1.07	DrillServ	NA	DrillExplo
2018	Summer	2018-06-18	316	VRH-998268	13:38:00	14:42:00	1.07	Move	rab	DrillRAB
2018	Summer	2018-06-18	318	ZRN-517417	13:19:00	14:23:00	1.07	Move	D11 rab	DrillRAB
2018	Summer	2018-06-18	318	ZRN-517417	13:19:00	14:23:00	1.07	PaxLoc	rab	DrillRAB
2018	Summer	2018-06-18	318	ZRN-517417	5:41:00	6:39:00	0.97	CrewChg	rab	DrillRAB
2018	Summer	2018-06-19	331	VRH-046997	16:04:00	17:00:00	0.93	Core	NA	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	9:54:00	10:59:00	1.08	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	9:54:00	10:59:00	1.08	LocSIng	NA	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	8:05:00	8:15:00	0.17	PaxLoc	OBG MIREILLE, OBG X2	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	7:18:00	7:27:00	0.15	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	5:51:00	6:57:00	1.1	PaxLoc	drill, jeanine surveyor, obg mireille, obg x2	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	14:22:00	14:49:00	0.45	PaxLoc	janine (survey)+1	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	4:29:00	5:29:00	1	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	16:04:00	17:00:00	0.93	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	13:19:00	13:29:00	0.17	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	16:04:00	17:00:00	0.93	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	17:50:00	18:40:00	0.83	CrewChg	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	19:06:00	19:26:00	0.33	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	19:06:00	19:26:00	0.33	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	21:49:00	21:58:00	0.15	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	5:51:00	6:57:00	1.1	CrewChg	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	23:00:00	23:11:00	0.18	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	4:29:00	5:29:00	1	Core	NA	DrillExplo
2018	Summer	2018-06-19	331	VRH-046997	14:22:00	14:49:00	0.45	DrillServ	NA	DrillExplo
2018	Summer	2018-06-19	323	LYG-939355	6:00:00	6:14:00	0.23	CrewChg	NA	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	13:19:00	13:29:00	0.17	PaxLoc	JEANINE SURVEYOR	DrillExplo
2018	Summer	2018-06-19	323	LYG-939355	9:40:00	10:50:00	1.17	Move	d10	DrillExplo
2018	Summer	2018-06-19	323	LYG-939355	10:55:00	12:30:00	1.58	Move	d10	DrillExplo
2018	Summer	2018-06-19	323	LYG-939355	12:42:00	14:05:00	1.38	Move	NA	DrillExplo
2018	Summer	2018-06-19	323	LYG-939355	12:42:00	14:05:00	1.38	Floor	NA	DrillExplo
2018	Summer	2018-06-19	340	ZRN-517418	4:29:00	5:29:00	1	Fuel	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	18:38:00	18:45:00	0.12	PaxLoc	move for blast	Camp
2018	Summer	2018-06-20	335	ZRN-075142	19:08:00	19:12:00	0.07	PaxLoc	move for blast	Camp
2018	Summer	2018-06-20	332	VRH-046998	19:10:00	19:15:00	0.08	PaxLoc	move for blast	Camp
2018	Summer	2018-06-20	334	ZRN-517419	4:36:00	5:31:00	0.92	Core	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	13:26:00	15:11:00	1.75	PaxLoc	floor crew	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	7:25:00	7:50:00	0.42	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	7:25:00	7:50:00	0.42	DrillServ	NA	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	5:49:00	6:34:00	0.75	CrewChg	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	16:09:00	17:24:00	1.25	Core	NA	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	4:36:00	5:31:00	0.92	DrillServ	NA	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	10:49:00	10:59:00	0.17	DrillServ	NA	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	16:02:00	16:11:00	0.15	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	23:19:00	23:42:00	0.38	DrillServ	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	23:19:00	23:42:00	0.38	PaxLoc	Nathalie ()	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	20:02:00	20:32:00	0.5	Floor	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	16:09:00	17:24:00	1.25	PaxLoc	philippe	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	13:26:00	15:11:00	1.75	Move	D3	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	16:09:00	17:24:00	1.25	CrewChg	NA	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	4:36:00	5:31:00	0.92	PaxLoc	geol+2	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	12:30:00	12:41:00	0.18	PaxLoc	floor crew	DrillExplo
2018	Summer	2018-06-20	324	LYG-939356	7:20:00	7:45:00	0.42	CrewChg	NA	DrillExplo
2018	Summer	2018-06-20	334	ZRN-517419	9:20:00	9:33:00	0.22	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-20	332	VRH-046998	12:30:00	12:41:00	0.18	Move	D3	DrillExplo
2018	Summer	2018-06-20	324	LYG-939356	7:20:00	7:45:00	0.42	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	333	VRH-046999	14:53:00	15:02:00	0.15	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	7:00:00	7:50:00	0.83	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	4:03:00	5:16:00	1.22	Core	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	4:03:00	5:16:00	1.22	PaxLoc	geolog	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	16:06:00	16:55:00	0.82	Floor	NA	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	7:00:00	7:50:00	0.83	CrewChg	NA	DrillExplo
2018	Summer	2018-06-21	333	VRH-046999	14:32:00	14:43:00	0.18	PaxLoc	janine (survey), floor crew	DrillExplo
2018	Summer	2018-06-21	333	VRH-046999	15:45:00	17:38:00	1.88	Move	D1	DrillExplo
2018	Summer	2018-06-21	333	VRH-046999	15:45:00	17:38:00	1.88	CrewChg	NA	DrillExplo
2018	Summer	2018-06-21	333	VRH-046999	19:54:00	20:45:00	0.85	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	333	VRH-046999	19:54:00	20:45:00	0.85	PaxLoc	floor crew	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	16:06:00	16:55:00	0.82	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	13:37:00	14:31:00	0.9	PaxLoc	obg,surveyor,nicolas saucier+1	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	9:55:00	10:40:00	0.75	Floor	NA	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	13:30:00	13:55:00	0.42	Floor	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	13:37:00	14:31:00	0.9	Floor	D5	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	13:37:00	14:31:00	0.9	DrillClean	NA	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	8:02:00	8:55:00	0.88	Move	d10	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	11:47:00	12:00:00	0.22	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	10:25:00	10:43:00	0.3	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	7:06:00	7:25:00	0.32	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	7:06:00	7:25:00	0.32	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	5:52:00	6:13:00	0.35	CrewChg	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	4:03:00	5:16:00	1.22	DrillServ	NA	DrillExplo
2018	Summer	2018-06-21	336	ZRN-075143	4:03:00	5:16:00	1.22	Fuel	NA	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	9:00:00	9:50:00	0.83	Move	d10	DrillExplo
2018	Summer	2018-06-21	325	LYG-939357	16:33:00	17:24:00	0.85	Move	d11 rab	DrillRAB
2018	Summer	2018-06-21	325	LYG-939357	15:43:00	16:28:00	0.75	Move	d11 rab	DrillRAB
2018	Summer	2018-06-22	337	ZRN-075144	16:02:00	16:07:00	0.08	PaxLoc	move for blast	Camp
2018	Summer	2018-06-22	337	ZRN-075144	9:40:00	10:36:00	0.93	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	15:22:00	16:35:00	1.22	Core	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	4:17:00	5:28:00	1.18	Fuel	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	4:17:00	5:28:00	1.18	Core	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	4:17:00	5:28:00	1.18	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	5:50:00	6:20:00	0.5	CrewChg	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	7:02:00	7:18:00	0.27	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	7:42:00	7:52:00	0.17	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	4:02:00	4:12:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-22	347	LYG-939358	17:01:00	18:06:00	1.08	CrewChg	D11	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	23:44:00	23:50:00	0.1	PaxLoc	floor crew	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	21:00:00	22:52:00	1.87	Move	D5	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	21:00:00	22:52:00	1.87	Floor	NA	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	21:00:00	22:52:00	1.87	PaxLoc	floor crew	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-22	338	VRH-047000	20:09:00	20:26:00	0.28	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	17:04:00	17:34:00	0.5	CrewChg	NA	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	13:57:00	14:08:00	0.18	PaxLoc	janine (survey),obg	DrillExplo
2018	Summer	2018-06-22	347	LYG-939358	5:30:00	5:44:00	0.23	CrewChg	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	9:40:00	10:36:00	0.93	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	347	LYG-939358	17:01:00	18:06:00	1.08	Core	D10	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	15:22:00	16:35:00	1.22	Fuel	NA	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	15:22:00	16:35:00	1.22	PaxLoc	eric+4	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	8:17:00	8:28:00	0.18	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	11:59:00	12:21:00	0.37	PaxLoc	janine (survey),michael	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	11:59:00	12:21:00	0.37	DrillServ	NA	DrillExplo
2018	Summer	2018-06-22	337	ZRN-075144	9:40:00	10:36:00	0.93	Floor	D1	DrillExplo
2018	Summer	2018-06-22	338	VRH-047000	15:22:00	16:35:00	1.22	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	6:29:00	6:37:00	0.13	PaxLoc	obg,survey	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	10:02:00	10:14:00	0.2	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	8:10:00	9:47:00	1.62	PaxLoc	obg,survey	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	5:45:00	6:10:00	0.42	Core	NA	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	12:13:00	12:20:00	0.12	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	12:54:00	13:35:00	0.68	Move	d10	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	13:40:00	15:04:00	1.4	Move	d10	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	22:27:00	22:56:00	0.48	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	21:23:00	21:33:00	0.17	PaxLoc	MEDEVAC	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	20:30:00	20:43:00	0.22	PaxLoc	ORBIT+ GIRO	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	16:10:00	17:48:00	1.63	CrewChg	NA	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	16:10:00	17:48:00	1.63	Fuel	NA	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	16:10:00	17:48:00	1.63	Core	NA	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	16:10:00	17:48:00	1.63	PaxLoc	ORBIT, 2 PREVENTION	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	14:54:00	15:15:00	0.35	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	14:54:00	15:15:00	0.35	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	8:10:00	9:47:00	1.62	Move	D5	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	23:06:00	23:58:00	0.87	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	8:10:00	9:47:00	1.62	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	4:27:00	5:31:00	1.07	DrillServ	NA	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	15:11:00	16:15:00	1.07	Move	d10	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	23:06:00	23:58:00	0.87	PaxLoc	ORBIT, GIRO	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	10:02:00	10:14:00	0.2	PaxLoc	obg	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	8:10:00	9:47:00	1.62	Fuel	NA	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	5:45:00	6:10:00	0.42	CrewChg	NA	DrillExplo
2018	Summer	2018-06-23	344	VRH-047001	14:04:00	14:15:00	0.18	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	5:51:00	6:13:00	0.37	CrewChg	NA	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	17:45:00	17:59:00	0.23	CrewChg	d10	DrillExplo
2018	Summer	2018-06-23	369	LYG-939359	16:20:00	17:10:00	0.83	Floor	d10	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	4:27:00	5:31:00	1.07	Fuel	NA	DrillExplo
2018	Summer	2018-06-23	339	ZRN-075145	4:27:00	5:31:00	1.07	Core	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	16:27:00	16:33:00	0.1	PaxLoc	MOVE FOR BLAST	Camp
2018	Summer	2018-06-24	345	VRH-047002	15:36:00	16:12:00	0.6	PaxLoc	BOULDER TEST CONSTRUCTION DIGUE	Camp
2018	Summer	2018-06-24	341	ZRN-075146	5:35:00	5:41:00	0.1	PaxLoc	ORBIT, HOLLY (SAFETY OFFICER)	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	9:19:00	9:45:00	0.43	DrillServ	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	9:19:00	9:45:00	0.43	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	7:37:00	8:45:00	1.13	DrillServ	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	7:37:00	8:45:00	1.13	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	6:58:00	7:33:00	0.58	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	5:49:00	6:21:00	0.53	CrewChg	NA	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	16:30:00	17:39:00	1.15	PaxLoc	ORBIT, GIRO	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	20:00:00	20:47:00	0.78	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	15:36:00	16:12:00	0.6	LocSing	GARBAGE	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	4:01:00	4:56:00	0.92	DrillServ	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	5:49:00	6:21:00	0.53	PaxLoc	ORBIT, HOLLY (SAFETY)	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	16:30:00	17:39:00	1.15	CrewChg	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	4:01:00	4:56:00	0.92	Fuel	NA	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	16:30:00	17:39:00	1.15	Core	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	6:58:00	7:33:00	0.58	DrillServ	NA	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	15:36:00	16:12:00	0.6	PaxLoc	BOULDER TEST CONSTRUCTION DIGUE, GIRO	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	14:23:00	15:09:00	0.77	LocSing	GARBAGE IN BASKET	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	14:23:00	15:09:00	0.77	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	13:39:00	13:51:00	0.2	PaxLoc	ORBIT, AEM TECH	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	12:53:00	13:01:00	0.13	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	11:45:00	11:54:00	0.15	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	11:08:00	11:23:00	0.25	PaxLoc	ORBIT, GIRO	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	16:30:00	17:39:00	1.15	Fuel	NA	DrillExplo
2018	Summer	2018-06-24	370	LYG-939360	16:20:00	16:55:00	0.58	DrillServ	d10	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	7:37:00	8:45:00	1.13	DrillClean	NA	DrillExplo
2018	Summer	2018-06-24	341	ZRN-075146	4:01:00	4:56:00	0.92	Core	NA	DrillExplo
2018	Summer	2018-06-24	370	LYG-939360	17:45:00	17:59:00	0.23	CrewChg	d11	DrillExplo
2018	Summer	2018-06-24	370	LYG-939360	16:20:00	16:55:00	0.58	Fuel	d11	DrillExplo
2018	Summer	2018-06-24	370	LYG-939360	10:40:00	11:03:00	0.38	DrillServ	d10	DrillExplo
2018	Summer	2018-06-24	370	LYG-939360	10:40:00	11:03:00	0.38	DrillServ	d11	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	22:12:00	22:31:00	0.32	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	22:12:00	22:31:00	0.32	DrillServ	NA	DrillExplo
2018	Summer	2018-06-24	345	VRH-047002	20:00:00	20:47:00	0.78	DrillServ	NA	DrillExplo
2018	Summer	2018-06-24	370	LYG-939360	5:45:00	5:59:00	0.23	CrewChg	d11	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	16:01:00	16:06:00	0.08	PaxLoc	MOVE FOR BLAST	Camp
2018	Summer	2018-06-25	371	LYG-939361	17:05:00	17:50:00	0.75	DrillServ	d11	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	14:04:00	15:28:00	1.4	DrillServ	NA	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	22:59:00	23:10:00	0.18	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	14:04:00	15:28:00	1.4	DrillClean	NA	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	20:13:00	20:48:00	0.58	DrillServ	NA	DrillExplo
2018	Summer	2018-06-25	371	LYG-939361	18:03:00	18:17:00	0.23	CrewChg	d11	DrillExplo
2018	Summer	2018-06-25	371	LYG-939361	5:45:00	5:59:00	0.23	CrewChg	d11	DrillExplo
2018	Summer	2018-06-25	371	LYG-939361	17:05:00	17:50:00	0.75	DrillServ	d10	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	18:57:00	19:05:00	0.13	PaxLoc	FROM FUEL FARM FOR BLAST	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	15:53:00	16:11:00	0.3	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	16:33:00	17:50:00	1.28	PaxLoc	PICKUP MINE INSPECTOR	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	14:04:00	15:28:00	1.4	PaxLoc	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-25	346	VRH-047003	16:33:00	17:50:00	1.28	CrewChg	NA	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	20:13:00	20:48:00	0.58	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	3:51:00	5:02:00	1.18	Fuel	NA	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	20:13:00	20:48:00	0.58	Fuel	NA	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	3:51:00	5:02:00	1.18	Core	NA	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	3:51:00	5:02:00	1.18	DrillServ	NA	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	5:51:00	6:20:00	0.48	CrewChg	NA	DrillExplo
2018	Summer	2018-06-25	342	ZRN-075147	10:41:00	10:49:00	0.13	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-25	346	VRH-047003	18:38:00	18:45:00	0.12	PaxLoc	TO FUEL FARM FOR BLAST	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	19:01:00	19:09:00	0.13	PaxLoc	BLAST	Camp
2018	Summer	2018-06-26	358	VRH-047004	18:39:00	18:44:00	0.08	PaxLoc	BLAST	Camp
2018	Summer	2018-06-26	358	VRH-047004	13:48:00	14:22:00	0.57	PaxLoc	MINE INSPECTOR + 6	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	19:56:00	20:12:00	0.27	DrillServ	NA	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	15:07:00	15:21:00	0.23	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	22:50:00	22:58:00	0.13	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	16:12:00	16:41:00	0.48	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	16:12:00	16:41:00	0.48	Fuel	NA	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	16:12:00	16:41:00	0.48	DrillServ	NA	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	23:17:00	23:27:00	0.17	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	19:56:00	20:12:00	0.27	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	4:21:00	4:37:00	0.27	Fuel	NA	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	7:09:00	7:51:00	0.7	DrillServ	NA	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	9:25:00	9:46:00	0.35	Fuel	D11	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	17:45:00	17:59:00	0.23	CrewChg	NA	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	7:09:00	7:51:00	0.7	PaxLoc	ORBIT, SURVEYOR	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	8:50:00	9:20:00	0.5	Move	D10	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	13:48:00	14:22:00	0.57	PaxLoc	ARPENTEUR	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	5:50:00	6:15:00	0.42	CrewChg	NA	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	9:25:00	9:46:00	0.35	Fuel	D10	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	12:37:00	12:51:00	0.23	PaxLoc	MINE INSPECTOR	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	11:00:00	11:10:00	0.17	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	10:32:00	10:42:00	0.17	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	16:10:00	16:26:00	0.27	PaxLoc	ORBIT	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	6:40:00	8:00:00	1.33	Move	D10	DrillExplo
2018	Summer	2018-06-26	358	VRH-047004	17:21:00	17:49:00	0.47	CrewChg	ORBIT	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	12:27:00	12:33:00	0.1	PaxLoc	MINE INSPECTOR	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	8:28:00	8:45:00	0.28	Move	D10	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	9:07:00	9:17:00	0.17	PaxLoc	SURVEYOR	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	9:07:00	9:17:00	0.17	DrillServ	NA	DrillExplo
2018	Summer	2018-06-26	343	ZRN-075148	7:09:00	7:51:00	0.7	DrillClean	NA	DrillExplo
2018	Summer	2018-06-26	372	LYG-939362	5:45:00	5:59:00	0.23	CrewChg	RAB CREW	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	17:45:00	17:59:00	0.23	CrewChg	NA	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:39:00	14:30:00	3.85	Move	d1	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:39:00	14:30:00	3.85	DrillServ	NA	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:39:00	14:30:00	3.85	PaxLoc	orbit, surveyor, geo, giro tech	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:39:00	14:30:00	3.85	Move	d5	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:39:00	14:30:00	3.85	Floor	d5	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:39:00	14:30:00	3.85	Floor	d1	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:07:00	10:23:00	0.27	PaxLoc	orbit, surveyor, geologist	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	8:48:00	9:12:00	0.4	DrillServ	D10	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	16:39:00	17:25:00	0.77	Core	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	16:39:00	17:25:00	0.77	Fuel	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	16:39:00	17:25:00	0.77	DrillServ	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	17:58:00	18:57:00	0.98	CrewChg	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	17:58:00	18:57:00	0.98	PaxLoc	orbit + arpenteur	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	4:02:00	4:40:00	0.63	Core	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	19:40:00	22:17:00	2.62	PaxLoc	orbit + giro	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	11:23:00	13:01:00	1.63	PaxLoc	px mine inspector	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	5:45:00	5:59:00	0.23	CrewChg	D11	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	19:40:00	22:17:00	2.62	DrillServ	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	19:40:00	22:17:00	2.62	Floor	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	22:54:00	23:23:00	0.48	Floor	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	22:54:00	23:23:00	0.48	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	5:47:00	6:22:00	0.58	CrewChg	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	19:40:00	22:17:00	2.62	Move	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	11:23:00	13:01:00	1.63	Move	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	10:52:00	11:02:00	0.17	PaxLoc	orbit	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	10:07:00	10:23:00	0.27	DrillServ	NA	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	10:52:00	11:02:00	0.17	Move	NA	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	8:44:00	8:54:00	0.17	PaxLoc	orbit	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	7:42:00	8:18:00	0.6	Floor	d5	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	15:49:00	16:05:00	0.27	PaxLoc	orbit + giro	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	5:47:00	6:22:00	0.58	PaxLoc	orbit + surveyor	DrillExplo
2018	Summer	2018-06-27	367	VRH-047005	13:14:00	14:07:00	0.88	PaxLoc	orbit + arpenteur	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	4:02:00	4:40:00	0.63	Fuel	NA	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	17:05:00	17:45:00	0.67	Move	NA	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	14:30:00	15:03:00	0.55	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	13:34:00	13:54:00	0.33	PaxLoc	ARC CREW	DrillExplo
2018	Summer	2018-06-27	373	LYG-939363	10:15:00	10:38:00	0.38	PaxLoc	ARC CREW	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	7:42:00	8:18:00	0.6	PaxLoc	orbit + surveyor	DrillExplo
2018	Summer	2018-06-27	374	ZRN-075149	6:55:00	7:06:00	0.18	PaxLoc	orbit	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	5:47:00	6:17:00	0.5	CrewChg	NA	DrillExplo
2018	Summer	2018-06-28	368	VRH-047006	16:31:00	17:39:00	1.13	Fuel	NA	DrillExplo
2018	Summer	2018-06-28	368	VRH-047006	16:31:00	17:39:00	1.13	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	368	VRH-047006	18:00:00	18:38:00	0.63	CrewChg	NA	DrillExplo
2018	Summer	2018-06-28	368	VRH-047006	20:34:00	20:45:00	0.18	Fuel	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	15:55:00	16:35:00	0.67	PaxLoc	archeology	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	13:13:00	13:25:00	0.2	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	10:17:00	10:24:00	0.12	PaxLoc	orbit	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	9:58:00	10:04:00	0.1	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	368	VRH-047006	16:31:00	17:39:00	1.13	Core	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	8:28:00	9:02:00	0.57	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	4:25:00	4:59:00	0.57	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	4:25:00	4:59:00	0.57	Fuel	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	4:25:00	4:59:00	0.57	Core	NA	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	16:56:00	18:04:00	1.13	Fuel	NA	DrillExplo
2018	Summer	2018-06-28	378	ZRN-075150	8:28:00	9:02:00	0.57	PaxLoc	orbit	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	14:32:00	15:25:00	0.88	PaxLoc	DRILLERS, ARCHEOLOGISTS	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	14:32:00	15:25:00	0.88	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	15:42:00	16:48:00	1.1	PaxLoc	GEOPHYSIC	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-06-28	356	LYG-630268	16:56:00	18:04:00	1.13	DrillServ	NA	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	10:39:00	11:19:00	0.67	Floor	FL	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	16:56:00	18:04:00	1.13	Core	NA	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	16:56:00	18:04:00	1.13	CrewChg	NA	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	8:56:00	10:02:00	1.1	PaxLoc	geophysique TMC	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	8:04:00	8:23:00	0.32	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	7:29:00	7:56:00	0.45	LocSIng	ls	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	5:51:00	6:07:00	0.27	CrewChg	drillers x3	DrillExplo
2018	Summer	2018-06-28	356	LYG-630268	16:56:00	18:04:00	1.13	PaxLoc	DRILLERS	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	10:30:00	11:55:00	1.42	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	10:02:00	10:20:00	0.3	Move	dm3	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	15:05:00	15:10:00	0.08	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	10:30:00	11:55:00	1.42	Move	dm3	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	13:32:00	14:15:00	0.72	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	13:32:00	14:15:00	0.72	DrillServ	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	13:32:00	14:15:00	0.72	Floor	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	15:27:00	15:38:00	0.18	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	16:23:00	17:35:00	1.2	Core	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	16:23:00	17:35:00	1.2	DrillServ	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	16:23:00	17:35:00	1.2	Fuel	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	20:13:00	20:35:00	0.37	DrillServ	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	5:52:00	6:44:00	0.87	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	20:13:00	20:35:00	0.37	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	17:50:00	19:06:00	1.27	CrewChg	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	17:50:00	19:06:00	1.27	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	20:44:00	21:32:00	0.8	Floor	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	20:44:00	21:32:00	0.8	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	5:48:00	6:10:00	0.37	CrewChg	NA	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	17:50:00	19:06:00	1.27	Fuel	NA	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	7:33:00	8:46:00	1.22	PaxLoc	geophysique + archeo	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	14:02:00	14:31:00	0.48	Floor	NA	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	15:12:00	18:08:00	2.93	Move	NA	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	15:12:00	18:08:00	2.93	Core	NA	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	15:12:00	18:08:00	2.93	Fuel	NA	DrillExplo
2018	Summer	2018-06-29	375	LYG-630269	15:12:00	18:08:00	2.93	CrewChg	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	4:50:00	5:43:00	0.88	Core	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	4:50:00	5:43:00	0.88	DrillServ	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	4:50:00	5:43:00	0.88	Fuel	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	5:52:00	6:44:00	0.87	CrewChg	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	6:57:00	9:01:00	2.07	Move	mbk	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	5:52:00	6:44:00	0.87	Move	mbk drill move	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	10:02:00	10:20:00	0.3	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	6:57:00	9:01:00	2.07	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	9:13:00	9:43:00	0.5	Pax	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	9:13:00	9:43:00	0.5	DrillServ	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	9:13:00	9:43:00	0.5	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-29	379	ZRN-075151	10:02:00	10:20:00	0.3	PaxLoc	bird watcher	DrillExplo
2018	Summer	2018-06-29	381	VRH-047007	17:50:00	19:06:00	1.27	PaxLoc	NA	EnvBirds
2018	Summer	2018-06-29	375	LYG-630269	15:12:00	18:08:00	2.93	PaxLoc	NA	GeophOth
2018	Summer	2018-06-30	382	VRH-047008	10:50:00	11:50:00	1	SAR	km48 SAR	Camp
2018	Summer	2018-06-30	382	VRH-047008	12:11:00	13:19:00	1.13	SAR	km38-48 sar	Camp
2018	Summer	2018-06-30	380	LYG-494726	16:55:00	18:04:00	1.15	CrewChg	NA	DrillExplo
2018	Summer	2018-06-30	380	LYG-494726	16:55:00	18:04:00	1.15	Fuel	NA	DrillExplo
2018	Summer	2018-06-30	380	LYG-494726	16:55:00	18:04:00	1.15	Core	NA	DrillExplo
2018	Summer	2018-06-30	380	LYG-494726	16:55:00	18:04:00	1.15	Floor	NA	DrillExplo
2018	Summer	2018-06-30	380	LYG-494726	5:46:00	6:04:00	0.3	CrewChg	NA	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	23:29:00	23:37:00	0.13	DrillServ	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	7:12:00	7:59:00	0.78	DrillServ	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	4:50:00	5:26:00	0.6	Core	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	4:50:00	5:26:00	0.6	Fuel	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	5:50:00	6:40:00	0.83	CrewChg	NA	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	20:15:00	21:14:00	0.98	Fuel	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	7:12:00	7:59:00	0.78	PaxLoc	archeology	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	14:44:00	18:43:00	3.98	PaxLoc	giro	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	8:42:00	8:55:00	0.22	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	8:42:00	8:55:00	0.22	DrillServ	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	9:46:00	9:53:00	0.12	Move	d6	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	10:13:00	11:05:00	0.87	Move	d6	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	11:17:00	12:20:00	1.05	Move	dm6	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	11:17:00	12:20:00	1.05	PaxLoc	orbit	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	11:17:00	12:20:00	1.05	SAR	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	13:41:00	14:29:00	0.8	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	13:41:00	14:29:00	0.8	Floor	fs6	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	13:41:00	14:29:00	0.8	DrillServ	NA	DrillExplo
2018	Summer	2018-06-30	359	ZRN-075152	13:41:00	14:29:00	0.8	PaxLoc	NA	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	14:44:00	18:43:00	3.98	Core	NA	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	14:44:00	18:43:00	3.98	CrewChg	NA	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	20:15:00	21:14:00	0.98	DrillServ	NA	DrillExplo
2018	Summer	2018-06-30	382	VRH-047008	14:44:00	18:43:00	3.98	PaxLoc	Project Archeology	EnvArch
2018	Summer	2018-06-30	382	VRH-047008	14:44:00	18:43:00	3.98	PaxLoc	env bird	EnvBirds
2018	Summer	2018-06-30	359	ZRN-075152	5:50:00	6:40:00	0.83	PaxLoc	Bird crew	EnvBirds
2018	Summer	2018-06-30	382	VRH-047008	14:44:00	18:43:00	3.98	PaxLoc	env fish	EnvFish
2018	Summer	2018-06-30	380	LYG-494726	15:44:00	16:29:00	0.75	PaxLoc	NA	GeophOth
2018	Summer	2018-06-30	380	LYG-494726	11:56:00	12:19:00	0.38	LocSIng	NA	GeophOth
2018	Summer	2018-06-30	380	LYG-494726	11:56:00	12:19:00	0.38	PaxLoc	NA	GeophOth
2018	Summer	2018-06-30	380	LYG-494726	11:10:00	11:31:00	0.35	PaxLoc	NA	GeophOth
2018	Summer	2018-06-30	380	LYG-494726	7:15:00	8:29:00	1.23	PaxLoc	GEOPHYSIQUE	GeophOth
2018	Summer	2018-07-01	392	LYG-494727	10:33:00	11:11:00	0.63	Move	d10	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	7:11:00	7:19:00	0.13	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	7:34:00	8:51:00	1.28	Move	d10	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	7:34:00	8:51:00	1.28	Core	NA	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	7:34:00	8:51:00	1.28	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	23:09:00	23:21:00	0.2	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	8:58:00	10:17:00	1.32	DrillServ	d10	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	16:22:00	17:23:00	1.02	Fuel	NA	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	10:33:00	11:11:00	0.63	DrillServ	d10	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	13:49:00	14:09:00	0.33	PaxLoc	archeo vault, archeo road	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	14:29:00	14:43:00	0.23	PaxLoc	archeologists x2	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	15:36:00	15:48:00	0.2	PaxLoc	archeologist	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	16:55:00	17:25:00	0.5	Fuel	d10	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	16:55:00	17:25:00	0.5	DrillServ	d11	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	17:46:00	18:01:00	0.25	CrewChg	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-07-01	392	LYG-494727	8:58:00	10:17:00	1.32	Move	NA	DrillExplo
2018	Summer	2018-07-01	385	VRH-634944	4:18:00	5:31:00	1.22	Core	NA	DrillExplo
2018	Summer	2018-07-01	386	ZRN-075153	10:42:00	11:15:00	0.55	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	386	ZRN-075153	10:42:00	11:15:00	0.55	DrillServ	NA	DrillExplo
2018	Summer	2018-07-01	386	ZRN-075153	8:29:00	8:40:00	0.18	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	385	VRH-634944	7:52:00	8:02:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	385	VRH-634944	5:50:00	6:40:00	0.83	CrewChg	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	17:52:00	18:39:00	0.78	PaxLoc	devico	DrillExplo
2018	Summer	2018-07-01	386	ZRN-075153	12:55:00	13:03:00	0.13	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	17:52:00	18:39:00	0.78	CrewChg	NA	DrillExplo
2018	Summer	2018-07-01	385	VRH-634944	4:18:00	5:31:00	1.22	DrillServ	NA	DrillExplo
2018	Summer	2018-07-01	392	LYG-494727	5:46:00	6:15:00	0.48	CrewChg	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	16:22:00	17:23:00	1.02	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	16:22:00	17:23:00	1.02	Core	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	16:22:00	17:23:00	1.02	DrillServ	NA	DrillExplo
2018	Summer	2018-07-01	389	VRH-047009	12:01:00	12:32:00	0.52	PaxLoc	devico	DrillExplo
2018	Summer	2018-07-01	385	VRH-634944	4:18:00	5:31:00	1.22	Fuel	NA	DrillExplo
2018	Summer	2018-07-01	385	VRH-634944	5:50:00	6:40:00	0.83	PaxLoc	bird watch	EnvBirds
2018	Summer	2018-07-01	389	VRH-047009	12:01:00	12:32:00	0.52	PaxLoc	NA	EnvFish
2018	Summer	2018-07-01	389	VRH-047009	11:40:00	11:50:00	0.17	PaxLoc	NA	EnvFish
2018	Summer	2018-07-01	389	VRH-047009	11:25:00	11:32:00	0.12	PaxLoc	NA	EnvFish
2018	Summer	2018-07-01	389	VRH-047009	11:06:00	11:13:00	0.12	PaxLoc	NA	EnvFish
2018	Summer	2018-07-01	389	VRH-047009	10:51:00	10:58:00	0.12	PaxLoc	NA	EnvFish
2018	Summer	2018-07-02	390	VRH-047010	23:18:00	23:36:00	0.3	DrillServ	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	16:00:00	16:43:00	0.72	Core	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	11:31:00	11:42:00	0.18	DrillServ	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	9:44:00	9:58:00	0.23	DrillServ	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	7:26:00	7:34:00	0.13	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	5:50:00	6:27:00	0.62	CrewChg	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	4:35:00	5:32:00	0.95	DrillServ	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	4:35:00	5:32:00	0.95	Core	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	5:42:00	5:59:00	0.28	CrewChg	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	2:55:00	3:08:00	0.22	DrillServ	NA	DrillExplo
2018	Summer	2018-07-02	390	VRH-047010	23:18:00	23:36:00	0.3	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	14:42:00	16:34:00	1.87	Floor	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	11:47:00	12:24:00	0.62	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	4:35:00	5:32:00	0.95	Fuel	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	14:42:00	16:34:00	1.87	LocSlng	NA	DrillExplo
2018	Summer	2018-07-02	390	VRH-047010	19:51:00	19:58:00	0.12	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	17:20:00	18:31:00	1.18	Fuel	d10	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	17:20:00	18:31:00	1.18	Core	d10/d11	DrillExplo
2018	Summer	2018-07-02	391	ZRN-075154	16:00:00	16:43:00	0.72	Fuel	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	17:20:00	18:31:00	1.18	CrewChg	NA	DrillExplo
2018	Summer	2018-07-02	390	VRH-047010	16:49:00	17:14:00	0.42	DrillServ	NA	DrillExplo
2018	Summer	2018-07-02	390	VRH-047010	17:54:00	18:34:00	0.67	CrewChg	NA	DrillExplo
2018	Summer	2018-07-02	387	LYG-494728	11:47:00	12:24:00	0.62	Move	d11	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	8:07:00	8:33:00	0.43	DrillServ	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	2:41:00	2:56:00	0.25	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	5:03:00	6:37:00	1.57	Core	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	5:03:00	6:37:00	1.57	Fuel	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	5:03:00	6:37:00	1.57	DrillServ	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	5:03:00	6:37:00	1.57	CrewChg	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	14:38:00	18:39:00	4.02	Move	d10d11	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	14:38:00	18:39:00	4.02	CrewChg	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	5:03:00	6:37:00	1.57	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	14:38:00	18:39:00	4.02	Core	d10d11	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	8:07:00	8:33:00	0.43	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	13:19:00	14:29:00	1.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	13:19:00	14:29:00	1.17	Move	d10	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	12:56:00	13:02:00	0.1	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	9:54:00	10:07:00	0.22	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	7:52:00	8:47:00	0.92	LocSlng	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	7:52:00	8:47:00	0.92	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	5:52:00	6:09:00	0.28	CrewChg	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	14:20:00	14:45:00	0.42	Floor	d1	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	11:16:00	11:29:00	0.22	DrillServ	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	11:16:00	11:29:00	0.22	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	396	ZRN-075155	9:16:00	9:26:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-03	397	LYG-494729	14:38:00	18:39:00	4.02	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	4:14:00	5:24:00	1.17	Fuel	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	4:14:00	5:24:00	1.17	Core	NA	DrillExplo
2018	Summer	2018-07-04	401	VRH-634947	5:53:00	6:34:00	0.68	CrewChg	NA	DrillExplo
2018	Summer	2018-07-04	411	VRH-998284	16:59:00	17:40:00	0.68	CrewChg	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	4:14:00	5:24:00	1.17	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	411	VRH-998284	19:37:00	20:01:00	0.4	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-04	411	VRH-998284	16:12:00	16:42:00	0.5	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	411	VRH-998284	16:12:00	16:42:00	0.5	Fuel	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	9:58:00	10:06:00	0.13	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	15:28:00	16:19:00	0.85	Fuel	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	15:28:00	16:19:00	0.85	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	4:14:00	5:24:00	1.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	14:18:00	14:28:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	9:45:00	9:57:00	0.2	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	9:45:00	9:57:00	0.2	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	8:00:00	8:14:00	0.23	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	8:00:00	8:14:00	0.23	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	8:35:00	8:46:00	0.18	DrillServ	NA	DrillExplo
2018	Summer	2018-07-04	402	ZRN-075156	15:28:00	16:19:00	0.85	Core	NA	DrillExplo
2018	Summer	2018-07-04	411	VRH-998284	20:01:00	23:06:00	3.08	LocSlng	ferry rab	DrillRAB
2018	Summer	2018-07-04	411	VRH-998284	20:01:00	23:06:00	3.08	PaxLoc	rab	DrillRAB
2018	Summer	2018-07-04	411	VRH-998284	20:01:00	23:06:00	3.08	DrillServ	rab	DrillRAB
2018	Summer	2018-07-05	422	ZRN-517434	14:50:00	15:16:00	0.43	DrillServ	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	19:01:00	19:20:00	0.32	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	19:01:00	19:20:00	0.32	CrewChg	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	17:51:00	18:33:00	0.7	CrewChg	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	16:10:00	17:34:00	1.4	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	16:10:00	17:34:00	1.4	DrillServ	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	14:53:00	18:12:00	3.32	CrewChg	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	14:53:00	18:12:00	3.32	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	16:10:00	17:34:00	1.4	Fuel	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	16:10:00	17:34:00	1.4	Core	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	13:52:00	15:17:00	1.42	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	14:50:00	15:16:00	0.43	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	5:53:00	6:10:00	0.28	CrewChg	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-07-05	412	VRH-998285	19:57:00	20:07:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	14:53:00	18:12:00	3.32	Move	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	4:20:00	5:06:00	0.77	Core	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	7:33:00	8:30:00	0.95	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	7:33:00	8:30:00	0.95	Fuel	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	11:45:00	11:51:00	0.1	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	13:28:00	14:43:00	1.25	Move	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	12:11:00	13:20:00	1.15	Move	NA	DrillExplo
2018	Summer	2018-07-05	407	LYG-494731	12:11:00	13:20:00	1.15	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	9:12:00	9:50:00	0.63	DrillServ	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	4:20:00	5:06:00	0.77	Fuel	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	5:48:00	6:33:00	0.75	CrewChg	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	9:12:00	9:50:00	0.63	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	8:41:00	8:52:00	0.18	DrillServ	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	4:20:00	5:06:00	0.77	DrillServ	NA	DrillExplo
2018	Summer	2018-07-05	422	ZRN-517434	8:41:00	8:52:00	0.18	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-05	412	VRH-998285	13:52:00	15:17:00	1.42	PaxLoc	NA	GeophSkMag
2018	Summer	2018-07-06	408	LYG-494732	11:04:00	11:25:00	0.35	PaxLoc	NA	Camp
2018	Summer	2018-07-06	408	LYG-494732	12:43:00	12:54:00	0.18	LocSIng	démantelement tour telecom	Camp
2018	Summer	2018-07-06	408	LYG-494732	13:23:00	13:36:00	0.22	LocSIng	demantelement tour telecom	Camp
2018	Summer	2018-07-06	408	LYG-494732	14:52:00	15:03:00	0.18	LocSIng	demantelement tour telecom	Camp
2018	Summer	2018-07-06	408	LYG-494732	15:18:00	15:34:00	0.27	PaxLoc	NA	Camp
2018	Summer	2018-07-06	408	LYG-494732	15:49:00	16:33:00	0.73	Core	NA	DrillExplo
2018	Summer	2018-07-06	414	VRH-998286	17:51:00	18:31:00	0.67	CrewChg	NA	DrillExplo
2018	Summer	2018-07-06	414	VRH-998286	13:50:00	16:36:00	2.77	Floor	NA	DrillExplo
2018	Summer	2018-07-06	414	VRH-998286	13:50:00	16:36:00	2.77	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-06	408	LYG-494732	17:26:00	18:27:00	1.02	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-06	408	LYG-494732	15:49:00	16:33:00	0.73	Floor	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	3:27:00	5:38:00	2.18	Fuel	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	15:38:00	16:26:00	0.8	Fuel	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	5:50:00	6:31:00	0.68	CrewChg	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	15:38:00	16:26:00	0.8	Core	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	15:38:00	16:26:00	0.8	DrillServ	NA	DrillExplo
2018	Summer	2018-07-06	408	LYG-494732	6:01:00	6:38:00	0.62	Fuel	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	3:27:00	5:38:00	2.18	Move	NA	DrillExplo
2018	Summer	2018-07-06	408	LYG-494732	6:53:00	8:10:00	1.28	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	3:27:00	5:38:00	2.18	Core	NA	DrillExplo
2018	Summer	2018-07-06	408	LYG-494732	6:01:00	6:38:00	0.62	CrewChg	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	7:08:00	7:17:00	0.15	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	8:31:00	8:35:00	0.07	Move	d3	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	8:50:00	10:36:00	1.77	Move	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	8:50:00	10:36:00	1.77	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-06	408	LYG-494732	6:53:00	8:10:00	1.28	Fuel	NA	DrillExplo
2018	Summer	2018-07-06	413	ZRN-517435	3:00:00	3:17:00	0.28	Move	NA	DrillRAB
2018	Summer	2018-07-06	413	ZRN-517435	3:27:00	5:38:00	2.18	Move	NA	DrillRAB
2018	Summer	2018-07-06	414	VRH-998286	13:50:00	16:36:00	2.77	PaxLoc	NA	DrillRAB
2018	Summer	2018-07-06	414	VRH-998286	13:50:00	16:36:00	2.77	PaxLoc	NA	GeophSkMag
2018	Summer	2018-07-07	409	LYG-494733	18:32:00	18:38:00	0.1	CrewChg	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	16:11:00	18:17:00	2.1	CrewChg	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	16:11:00	18:17:00	2.1	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	16:11:00	18:17:00	2.1	Fuel	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	16:11:00	18:17:00	2.1	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	13:26:00	14:01:00	0.58	Move	d11	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	11:51:00	13:05:00	1.23	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	6:28:00	6:49:00	0.35	CrewChg	NA	DrillExplo
2018	Summer	2018-07-07	415	ZRN-517436	9:12:00	9:44:00	0.53	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	415	ZRN-517436	4:39:00	6:52:00	2.22	Core	NA	DrillExplo
2018	Summer	2018-07-07	409	LYG-494733	11:51:00	13:05:00	1.23	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	17:53:00	18:31:00	0.63	CrewChg	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	13:27:00	13:40:00	0.22	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	11:56:00	12:22:00	0.43	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	12:57:00	13:07:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	15:12:00	15:22:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	16:11:00	17:40:00	1.48	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	415	ZRN-517436	4:39:00	6:52:00	2.22	CrewChg	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	16:11:00	17:40:00	1.48	Fuel	NA	DrillExplo
2018	Summer	2018-07-07	415	ZRN-517436	8:22:00	8:32:00	0.17	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	415	ZRN-517436	4:39:00	6:52:00	2.22	Fuel	NA	DrillExplo
2018	Summer	2018-07-07	415	ZRN-517436	4:39:00	6:52:00	2.22	DrillServ	NA	DrillExplo
2018	Summer	2018-07-07	421	VRH-998287	16:11:00	17:40:00	1.48	Core	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	11:35:00	15:03:00	3.47	Core	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	11:35:00	15:03:00	3.47	Move	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	9:39:00	10:26:00	0.78	LocSIng	d11	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	11:35:00	15:03:00	3.47	Floor	d10	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	13:36:00	13:45:00	0.15	DrillServ	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	11:32:00	11:41:00	0.15	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	7:08:00	7:47:00	0.65	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	9:39:00	10:26:00	0.78	Core	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	9:39:00	10:26:00	0.78	Move	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	4:16:00	5:29:00	1.22	DrillServ	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	4:16:00	5:29:00	1.22	Fuel	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	7:19:00	7:51:00	0.53	Floor	d3	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	5:55:00	6:13:00	0.3	CrewChg	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	5:49:00	6:28:00	0.65	CrewChg	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	8:55:00	9:04:00	0.15	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	16:05:00	17:12:00	1.12	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	16:05:00	17:12:00	1.12	Core	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	10:23:00	12:13:00	1.83	Move	d1	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	15:03:00	15:13:00	0.17	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	13:08:00	13:25:00	0.28	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	21:58:00	22:05:00	0.12	DrillServ	NA	DrillExplo
2018	Summer	2018-07-08	423	ZRN-517437	4:16:00	5:29:00	1.22	Core	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	7:55:00	8:00:00	0.08	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	17:53:00	18:29:00	0.6	CrewChg	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	15:56:00	17:26:00	1.5	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	16:05:00	17:12:00	1.12	Fuel	NA	DrillExplo
2018	Summer	2018-07-08	426	VRH-998288	16:05:00	17:12:00	1.12	DrillServ	NA	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	17:44:00	18:22:00	0.63	CrewChg	d10-d11	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	15:56:00	17:26:00	1.5	Fuel	d10-d11	DrillExplo
2018	Summer	2018-07-08	424	LYG-494734	15:56:00	17:26:00	1.5	DrillServ	NA	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	5:48:00	7:33:00	1.75	CrewChg	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2018	Summer	2018-07-09	427	ZRN-517438	9:44:00	9:53:00	0.15	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	3:52:00	5:38:00	1.77	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	3:52:00	5:38:00	1.77	Move	d5	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	5:48:00	7:33:00	1.75	Core	NA	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	5:48:00	7:33:00	1.75	DrillServ	NA	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	5:48:00	7:33:00	1.75	Fuel	NA	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	8:16:00	8:44:00	0.47	Move	d5	DrillExplo
2018	Summer	2018-07-09	427	ZRN-517438	8:16:00	8:44:00	0.47	DrillServ	d1	DrillExplo
2018	Summer	2018-07-09	425	LYG-494735	9:02:00	9:08:00	0.1	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-09	425	LYG-494735	7:29:00	8:00:00	0.52	PaxLoc	NA	DrillExplo
2018	Summer	2018-07-09	425	LYG-494735	5:55:00	6:35:00	0.67	CrewChg	NA	DrillExplo
2019	Spring	2019-05-01	796	46200	15:09:00	15:53:00	0.73	Pax	come back to amq camp	ConstOth
2019	Spring	2019-05-01	796	46200	11:48:00	12:17:00	0.48	Pax	PX 0615425000.2040.250	ConstOth
2019	Spring	2019-05-01	796	46200	10:00:00	10:49:00	0.82	PaxLoc	Dany Pelletier	DrillExplo
2019	Spring	2019-05-01	796	46200	10:00:00	10:49:00	0.82	DrillServ	NA	DrillExplo
2019	Spring	2019-05-01	796	46200	15:09:00	15:53:00	0.73	DrillServ	NA	DrillExplo
2019	Spring	2019-05-01	796	46200	19:25:00	20:42:00	1.28	CrewChg	NA	DrillExplo
2019	Spring	2019-05-01	796	46200	19:25:00	20:42:00	1.28	DrillServ	NA	DrillExplo
2019	Spring	2019-05-02	797	46201	14:48:00	15:16:00	0.47	DrillServ	NA	DrillExplo
2019	Spring	2019-05-02	797	46201	19:30:00	19:58:00	0.47	DrillServ	NA	DrillExplo
2019	Spring	2019-05-02	797	46201	8:17:00	8:53:00	0.6	CrewChg	Crew change Meadowbank, caribou	DrillExplo
2019	Spring	2019-05-02	797	46201	9:06:00	9:16:00	0.17	CrewChg	NA	DrillExplo
2019	Spring	2019-05-02	797	46201	18:48:00	19:09:00	0.35	CrewChg	NA	DrillExplo
2019	Spring	2019-05-02	797	46201	11:42:00	12:32:00	0.83	DrillServ	Bring back pieces for AMQ	DrillExplo
2019	Spring	2019-05-02	797	46201	14:48:00	15:16:00	0.47	PaxLoc	NA	DrillExplo
2019	Spring	2019-05-02	797	46201	11:42:00	12:32:00	0.83	Core	Core run D10	DrillExplo
2019	Spring	2019-05-03	798	46202	17:53:00	18:47:00	0.9	DrillServ	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	8:28:00	9:20:00	0.87	Core	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	11:30:00	12:43:00	1.22	DrillServ	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	13:57:00	14:21:00	0.4	PaxLoc	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	8:28:00	9:20:00	0.87	PaxLoc	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	11:30:00	12:43:00	1.22	PaxLoc	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	8:28:00	9:20:00	0.87	DrillServ	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	13:57:00	14:21:00	0.4	DrillServ	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	15:15:00	15:34:00	0.32	PaxLoc	A004 YUKA	DrillExplo
2019	Spring	2019-05-03	798	46202	6:08:00	6:30:00	0.37	CrewChg	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	9:38:00	9:54:00	0.27	PaxLoc	PL (Photos)	DrillExplo
2019	Spring	2019-05-03	798	46202	16:10:00	16:20:00	0.17	PaxLoc	A004 to A008 YUKA	DrillExplo
2019	Spring	2019-05-03	798	46202	17:53:00	18:47:00	0.9	CrewChg	NA	DrillExplo
2019	Spring	2019-05-03	798	46202	17:53:00	18:47:00	0.9	PaxLoc	A004 to AMQ YUKA	DrillExplo
2019	Spring	2019-05-03	798	46202	17:05:00	17:12:00	0.12	PaxLoc	A008 to A004 YUKA	DrillExplo
2019	Spring	2019-05-04	799	46203	6:05:00	7:57:00	1.87	CrewChg	NA	DrillExplo
2019	Spring	2019-05-04	799	46203	14:19:00	14:29:00	0.17	PaxLoc	Ross & Pilon - MAM	DrillExplo
2019	Spring	2019-05-04	799	46203	18:07:00	18:30:00	0.38	CrewChg	NA	DrillExplo
2019	Spring	2019-05-04	799	46203	9:51:00	10:19:00	0.47	PaxLoc	Dany Pelletier Mike Malocksay Photos	DrillExplo
2019	Spring	2019-05-04	799	46203	14:55:00	15:03:00	0.13	PaxLoc	Ross & Pilon - MAM	DrillExplo
2019	Spring	2019-05-04	799	46203	6:05:00	7:57:00	1.87	Core	NA	DrillExplo
2019	Spring	2019-05-04	799	46203	10:33:00	10:44:00	0.18	PaxLoc	Dany Pelletier	DrillExplo
2019	Spring	2019-05-04	799	46203	6:05:00	7:57:00	1.87	DrillServ	NA	DrillExplo
2019	Spring	2019-05-04	799	46203	13:28:00	13:40:00	0.2	PaxLoc	Michael Ross +PL Levesque + Pilon	DrillExplo
2019	Spring	2019-05-05	800	46204	11:24:00	13:05:00	1.68	Core	NA	DrillExplo
2019	Spring	2019-05-05	800	46204	10:26:00	10:51:00	0.42	PaxLoc	Janine - Ross & Pilon - YUKA	DrillExplo
2019	Spring	2019-05-05	800	46204	11:24:00	13:05:00	1.68	Floor	NA	DrillExplo
2019	Spring	2019-05-05	800	46204	6:08:00	6:31:00	0.38	CrewChg	NA	DrillExplo
2019	Spring	2019-05-05	800	46204	11:24:00	13:05:00	1.68	PaxLoc	Janine YUKA	DrillExplo
2019	Spring	2019-05-05	800	46204	18:06:00	18:41:00	0.58	CrewChg	NA	DrillExplo
2019	Spring	2019-05-05	800	46204	11:24:00	13:05:00	1.68	DrillServ	NA	DrillExplo
2019	Spring	2019-05-05	800	46204	13:48:00	14:10:00	0.37	PaxLoc	Ross & Pilon YUKA	DrillExplo
2019	Spring	2019-05-05	800	46204	18:06:00	18:41:00	0.58	DrillServ	NA	DrillExplo
2019	Spring	2019-05-06	801	46205	13:53:00	18:34:00	4.68	Move	YUKA drill move	DrillExplo
2019	Spring	2019-05-06	801	46205	6:52:00	7:21:00	0.48	CrewChg	NA	DrillExplo
2019	Spring	2019-05-06	801	46205	11:05:00	11:55:00	0.83	DrillServ	NA	DrillExplo
2019	Spring	2019-05-06	801	46205	13:53:00	18:34:00	4.68	PaxLoc	Guillaume, Sylvain & drillers YUKA	DrillExplo
2019	Spring	2019-05-06	801	46205	13:53:00	18:34:00	4.68	CrewChg	NA	DrillExplo
2019	Spring	2019-05-06	801	46205	11:05:00	11:55:00	0.83	Core	NA	DrillExplo
2019	Spring	2019-05-07	802	46206	17:38:00	18:33:00	0.92	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-07	802	46206	6:04:00	6:30:00	0.43	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-07	802	46206	7:59:00	13:08:00	5.15	DrillServ	NA	DrillExplo
2019	Spring	2019-05-07	802	46206	17:38:00	18:33:00	0.92	DrillServ	NA	DrillExplo
2019	Spring	2019-05-07	802	46206	7:59:00	13:08:00	5.15	Core	NA	DrillExplo
2019	Spring	2019-05-07	802	46206	7:59:00	13:08:00	5.15	PaxLoc	Move crew YUKA	DrillExplo
2019	Spring	2019-05-07	802	46206	6:04:00	6:30:00	0.43	CrewChg	NA	DrillExplo
2019	Spring	2019-05-07	802	46206	7:59:00	13:08:00	5.15	Move	Move YUKA	DrillExplo
2019	Spring	2019-05-08	803	46207	10:34:00	10:51:00	0.28	PaxLoc	Yuka - Janine & Jerome G	DrillExplo
2019	Spring	2019-05-08	803	46207	12:57:00	15:04:00	2.12	Floor	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	Core	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	PaxLoc	Yuka - Janine & Jerome G	DrillExplo
2019	Spring	2019-05-08	803	46207	15:30:00	19:51:00	4.35	PaxLoc	Kevin P, PierreLuc L	DrillExplo
2019	Spring	2019-05-08	803	46207	12:57:00	15:04:00	2.12	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	Core	NA	DrillExplo
2019	Spring	2019-05-08	803	46207	15:30:00	19:51:00	4.35	Move	Yuka drill move	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	6:06:00	9:08:00	3.03	CrewChg	NA	DrillExplo
2019	Spring	2019-05-08	803	46207	15:30:00	19:51:00	4.35	DrillServ	NA	DrillExplo
2019	Spring	2019-05-08	803	46207	15:30:00	19:51:00	4.35	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-08	803	46207	15:30:00	19:51:00	4.35	CrewChg	NA	DrillExplo
2019	Spring	2019-05-09	804	46208	18:13:00	19:35:00	1.37	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-09	804	46208	18:13:00	19:35:00	1.37	CrewChg	NA	DrillExplo
2019	Spring	2019-05-09	804	46208	12:58:00	14:00:00	1.03	Core	YUKA	DrillExplo
2019	Spring	2019-05-09	804	46208	18:13:00	19:35:00	1.37	DrillServ	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Spring	2019-05-09	790	733979	6:00:00	6:08:00	0.13	VIP	Taxi fuel to pick up Jerome+Guy, can't go freezing fog	DrillExplo
2019	Spring	2019-05-09	804	46208	12:58:00	14:00:00	1.03	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-09	804	46208	12:58:00	14:00:00	1.03	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-09	804	46208	9:47:00	10:12:00	0.42	CrewChg	NA	DrillExplo
2019	Spring	2019-05-09	804	46208	18:13:00	19:35:00	1.37	PaxLoc	Yuka - Janine Viau	DrillExplo
2019	Spring	2019-05-09	804	46208	12:29:00	12:39:00	0.17	PaxLoc	Yuka - Martin Drolet	DrillExplo
2019	Spring	2019-05-09	804	46208	11:44:00	12:00:00	0.27	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-09	804	46208	9:47:00	10:12:00	0.42	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-09	804	46208	12:58:00	14:00:00	1.03	PaxLoc	YUKA - Martin Drolet	DrillExplo
2019	Spring	2019-05-10	805	46209	9:21:00	9:32:00	0.18	PaxLoc	YUKA - Joel F	DrillExplo
2019	Spring	2019-05-10	805	46209	18:00:00	18:52:00	0.87	CrewChg	Crew change YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	13:28:00	13:44:00	0.27	PaxLoc	Levis YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	12:11:00	12:20:00	0.15	PaxLoc	YUKA - Levis+Ralph+Randy	DrillExplo
2019	Spring	2019-05-10	805	46209	6:04:00	7:50:00	1.77	CrewChg	Mam	DrillExplo
2019	Spring	2019-05-10	791	798786	16:12:00	17:08:00	0.93	Move	Move drill D10 on float at Explo to go to GHD	DrillExplo
2019	Spring	2019-05-10	805	46209	10:38:00	11:54:00	1.27	Floor	YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	8:40:00	8:56:00	0.27	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	6:04:00	7:50:00	1.77	Core	NA	DrillExplo
2019	Spring	2019-05-10	805	46209	8:07:00	8:27:00	0.33	PaxLoc	YUKA Joel+Ralf+Levis+Randy	DrillExplo
2019	Spring	2019-05-10	805	46209	6:04:00	7:50:00	1.77	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	6:04:00	7:50:00	1.77	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	18:00:00	18:52:00	0.87	CrewChg	Mammoth	DrillExplo
2019	Spring	2019-05-10	805	46209	6:04:00	7:50:00	1.77	PaxLoc	YUKA	DrillExplo
2019	Spring	2019-05-10	805	46209	10:38:00	11:54:00	1.27	PaxLoc	YUKA - Ralf	DrillExplo
2019	Spring	2019-05-11	806	46210	8:20:00	10:46:00	2.43	PaxLoc	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	18:24:00	19:27:00	1.05	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	19:48:00	19:58:00	0.17	PaxLoc	YUKA - Kevin P & Martin D	DrillExplo
2019	Spring	2019-05-11	806	46210	18:24:00	19:27:00	1.05	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	15:48:00	15:57:00	0.15	PaxLoc	YUKA - Move crew & Frederic C.	DrillExplo
2019	Spring	2019-05-11	806	46210	11:02:00	15:09:00	4.12	Move	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	11:02:00	15:09:00	4.12	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	11:02:00	15:09:00	4.12	PaxLoc	YUKA - Move crew & Frederic C	DrillExplo
2019	Spring	2019-05-11	806	46210	18:24:00	19:27:00	1.05	CrewChg	Mammoth	DrillExplo
2019	Spring	2019-05-11	806	46210	8:20:00	10:46:00	2.43	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	18:24:00	19:27:00	1.05	PaxLoc	Pearson+Martin+Fred YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	6:08:00	7:50:00	1.7	PaxLoc	Yuka - Move Crew	DrillExplo
2019	Spring	2019-05-11	806	46210	6:08:00	7:50:00	1.7	DrillServ	NA	DrillExplo
2019	Spring	2019-05-11	806	46210	6:08:00	7:50:00	1.7	Core	NA	DrillExplo
2019	Spring	2019-05-11	806	46210	6:08:00	7:50:00	1.7	CrewChg	Mam	DrillExplo
2019	Spring	2019-05-11	806	46210	6:08:00	7:50:00	1.7	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-11	806	46210	8:20:00	10:46:00	2.43	PaxLoc	Mecanic	DrillExplo
2019	Spring	2019-05-11	792	798787	8:50:00	9:01:00	0.18	PaxLoc	Move Steve+Simon from km46 to lake to D10	DrillExplo
2019	Spring	2019-05-11	792	798787	7:31:00	7:55:00	0.4	PaxLoc	Salvano+Dany from MB2 to km 46	DrillExplo
2019	Spring	2019-05-11	792	798787	9:30:00	10:29:00	0.98	Move	Move float to D10, bring back steeve from lake to D10	DrillExplo
2019	Spring	2019-05-11	792	798787	11:48:00	12:13:00	0.42	PaxLoc	Come back from km 46 with Steve-Simon_Salvano-Dany	DrillExplo
2019	Spring	2019-05-11	792	798787	11:04:00	11:18:00	0.23	Move	Drill move and floor km 46 to D10	DrillExplo
2019	Spring	2019-05-11	806	46210	8:20:00	10:46:00	2.43	Move	YUKA. Stop for caribous	DrillExplo
2019	Spring	2019-05-12	807	798788	12:11:00	13:33:00	1.37	Move	Drill move from KM 46 to D10 on GHD	DrillExplo
2019	Spring	2019-05-12	815	46211	7:11:00	7:59:00	0.8	DrillServ	MAM	DrillExplo
2019	Spring	2019-05-12	815	46211	6:15:00	6:55:00	0.67	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-12	815	46211	7:11:00	7:59:00	0.8	Core	MAM	DrillExplo
2019	Spring	2019-05-12	807	798788	13:59:00	15:23:00	1.4	PaxLoc	Bring back drillers to km46 from D10	DrillExplo
2019	Spring	2019-05-12	815	46211	7:11:00	7:59:00	0.8	PaxLoc	YUKA - Janine V, Phil N, Levis +2	DrillExplo
2019	Spring	2019-05-12	815	46211	8:35:00	8:57:00	0.37	PaxLoc	YUKA - Janive V, Phil N, Levis +2, drillers	DrillExplo
2019	Spring	2019-05-12	815	46211	6:15:00	6:55:00	0.67	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-12	815	46211	6:15:00	6:55:00	0.67	CrewChg	MAM	DrillExplo
2019	Spring	2019-05-12	807	798788	13:59:00	15:23:00	1.4	Move	Drill move km46 to D10	DrillExplo
2019	Spring	2019-05-12	807	798788	9:16:00	9:58:00	0.7	Move	Drill move from km 46 to D10	DrillExplo
2019	Spring	2019-05-12	807	798788	13:59:00	15:23:00	1.4	PaxLoc	Come back to camp just pilot	DrillExplo
2019	Spring	2019-05-12	807	798788	10:30:00	11:52:00	1.37	Move	Drill move km 46 to D10 on Qimmiq	DrillExplo
2019	Spring	2019-05-12	807	798788	8:20:00	9:07:00	0.78	DrillServ	Sling survival shack from Explo to D10	DrillExplo
2019	Spring	2019-05-12	815	46211	18:03:00	18:24:00	0.35	CrewChg	MAM	DrillExplo
2019	Spring	2019-05-13	816	46212	8:30:00	11:50:00	3.33	Floor	YUKA	DrillExplo
2019	Spring	2019-05-13	816	46212	12:17:00	12:51:00	0.57	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-13	816	46212	15:30:00	15:44:00	0.23	PaxLoc	YUKA - Mecanic	DrillExplo
2019	Spring	2019-05-13	816	46212	18:21:00	18:55:00	0.57	CrewChg	MAM	DrillExplo
2019	Spring	2019-05-13	816	46212	6:07:00	6:45:00	0.63	Core	MAM	DrillExplo
2019	Spring	2019-05-13	816	46212	12:17:00	12:51:00	0.57	PaxLoc	YUKA - Move crew & Phil N.	DrillExplo
2019	Spring	2019-05-13	816	46212	13:08:00	13:15:00	0.12	PaxLoc	MAM - Move crew + Phil N	DrillExplo
2019	Spring	2019-05-13	816	46212	18:21:00	18:55:00	0.57	CrewChg	YUKA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Spring	2019-05-13	816	46212	8:30:00	11:50:00	3.33	PaxLoc	YUKA - Move crew & Phil N	DrillExplo
2019	Spring	2019-05-13	816	46212	8:30:00	11:50:00	3.33	Move	YUKA	DrillExplo
2019	Spring	2019-05-13	816	46212	6:07:00	6:45:00	0.63	CrewChg	MAM	DrillExplo
2019	Spring	2019-05-14	817	46213	6:40:00	7:27:00	0.78	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-14	817	46213	11:13:00	11:39:00	0.43	PaxLoc	YUKA - Levis B & Robert R	DrillExplo
2019	Spring	2019-05-14	817	46213	18:11:00	18:49:00	0.63	CrewChg	MAM	DrillExplo
2019	Spring	2019-05-14	817	46213	18:11:00	18:49:00	0.63	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-14	817	46213	9:11:00	9:27:00	0.27	PaxLoc	YUKA - Levis B & Robert R	DrillExplo
2019	Spring	2019-05-14	817	46213	11:13:00	11:39:00	0.43	PaxLoc	MAM - Levis B & Robert R	DrillExplo
2019	Spring	2019-05-14	817	46213	6:40:00	7:27:00	0.78	CrewChg	MAM	DrillExplo
2019	Spring	2019-05-14	817	46213	6:40:00	7:27:00	0.78	Core	MAM	DrillExplo
2019	Spring	2019-05-15	818	46214	6:18:00	8:02:00	1.73	DrillServ	KP19-01 - Geotech OPEN PIT IVR	DrillConv
2019	Spring	2019-05-15	818	46214	6:18:00	8:02:00	1.73	PaxLoc	KP19-01 - Geotech OPEN PIT IVR	DrillConv
2019	Spring	2019-05-15	818	46214	18:23:00	19:12:00	0.82	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-15	818	46214	6:18:00	8:02:00	1.73	Core	YUKA	DrillExplo
2019	Spring	2019-05-15	818	46214	18:23:00	19:12:00	0.82	Core	YUKA	DrillExplo
2019	Spring	2019-05-15	818	46214	18:23:00	19:12:00	0.82	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-15	818	46214	6:18:00	8:02:00	1.73	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-15	810	798791	18:22:00	19:06:00	0.73	CrewChg	PLSalvano-Danny_Jimmy-Patrick	DrillExplo
2019	Spring	2019-05-15	810	798791	6:12:00	7:02:00	0.83	CrewChg	Jimmy-Patrick_PLSalvano-Danny	DrillExplo
2019	Spring	2019-05-15	818	46214	6:18:00	8:02:00	1.73	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-15	810	798791	10:58:00	11:55:00	0.95	PaxLoc	3 passengers for wildlife monitoring	EnvWild
2019	Spring	2019-05-16	819	46215	9:04:00	9:57:00	0.88	DrillServ	KP19-01 - Geotech OPEN PIT IVR	DrillConv
2019	Spring	2019-05-16	819	46215	16:22:00	18:54:00	2.53	Move	YUKA	DrillExplo
2019	Spring	2019-05-16	819	46215	9:04:00	9:57:00	0.88	CrewChg	YUKA - Ombeline G	DrillExplo
2019	Spring	2019-05-16	819	46215	16:22:00	18:54:00	2.53	PaxLoc	YUKA - Crew move	DrillExplo
2019	Spring	2019-05-16	819	46215	16:22:00	18:54:00	2.53	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-16	819	46215	16:22:00	18:54:00	2.53	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-16	819	46215	13:39:00	16:02:00	2.38	PaxLoc	YUKA - Crew move	DrillExplo
2019	Spring	2019-05-16	819	46215	13:39:00	16:02:00	2.38	Move	YUKA	DrillExplo
2019	Spring	2019-05-16	819	46215	12:11:00	13:13:00	1.03	Floor	YUKA	DrillExplo
2019	Spring	2019-05-16	819	46215	11:35:00	11:45:00	0.17	PaxLoc	YUKA - Crew move	DrillExplo
2019	Spring	2019-05-16	819	46215	9:04:00	9:57:00	0.88	Core	YUKA	DrillExplo
2019	Spring	2019-05-16	819	46215	13:39:00	16:02:00	2.38	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-16	811	798792	17:55:00	18:33:00	0.63	CrewChg	Jimmy-Patrick_PLSalvano-Danny	DrillExplo
2019	Spring	2019-05-16	811	798792	7:51:00	8:42:00	0.85	LocSIng	switch pump at pump shack	DrillExplo
2019	Spring	2019-05-16	811	798792	6:00:00	7:07:00	1.12	Fuel	fuel drill to pump shack	DrillExplo
2019	Spring	2019-05-16	811	798792	6:00:00	7:07:00	1.12	CrewChg	PLSalvano-Danny_Jimmy-Patrick	DrillExplo
2019	Spring	2019-05-16	819	46215	12:11:00	13:13:00	1.03	PaxLoc	YUKA - Crew move	DrillExplo
2019	Spring	2019-05-17	820	798793	17:57:00	18:29:00	0.53	CrewChg	Jimmy-Patrick	DrillExplo
2019	Spring	2019-05-17	820	798793	16:49:00	17:46:00	0.95	CrewChg	PL Salvano-Danny-Eric L.	DrillExplo
2019	Spring	2019-05-17	821	46216	6:56:00	10:10:00	3.23	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-17	820	798793	15:50:00	16:32:00	0.7	Move	Drill Move D10-fuel km46	DrillExplo
2019	Spring	2019-05-17	821	46216	6:56:00	10:10:00	3.23	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-17	820	798793	16:49:00	17:46:00	0.95	Move	Drill Move D10	DrillExplo
2019	Spring	2019-05-17	821	46216	6:56:00	10:10:00	3.23	Move	YUKA	DrillExplo
2019	Spring	2019-05-17	820	798793	14:21:00	15:15:00	0.9	Floor	floor set-up D10	DrillExplo
2019	Spring	2019-05-17	821	46216	6:56:00	10:10:00	3.23	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-17	821	46216	6:56:00	10:10:00	3.23	PaxLoc	YUKA - Alexis L, Ralph & mecanic	DrillExplo
2019	Spring	2019-05-17	821	46216	18:14:00	18:50:00	0.6	Fuel	YUKA	DrillExplo
2019	Spring	2019-05-17	821	46216	18:14:00	18:50:00	0.6	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-18	823	798794	6:00:00	6:48:00	0.8	CrewChg	PLSalvano-Danny_Jimmy-Patrick	DrillExplo
2019	Spring	2019-05-18	822	46217	18:10:00	18:49:00	0.65	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-18	823	798794	17:25:00	17:47:00	0.37	Floor	Eric L. passenger come back to Mb2	DrillExplo
2019	Spring	2019-05-18	822	46217	6:15:00	7:10:00	0.92	DrillServ	YUKA	DrillExplo
2019	Spring	2019-05-18	823	798794	16:21:00	16:58:00	0.62	Floor	Move next floor D10	DrillExplo
2019	Spring	2019-05-18	823	798794	15:29:00	15:47:00	0.3	Floor	Eric L. passegmer Mb2 to D10	DrillExplo
2019	Spring	2019-05-18	823	798794	18:27:00	18:44:00	0.28	CrewChg	Nicolas-Gab-PLSalvano-Danny	DrillExplo
2019	Spring	2019-05-18	823	798794	17:52:00	18:09:00	0.28	CrewChg	Nicolas-Gab F-Jimmy-Patrick	DrillExplo
2019	Spring	2019-05-18	822	46217	6:15:00	7:10:00	0.92	Core	YUKA	DrillExplo
2019	Spring	2019-05-18	822	46217	6:15:00	7:10:00	0.92	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-18	822	46217	18:10:00	18:49:00	0.65	CrewChg	YUKA	DrillExplo
2019	Spring	2019-05-18	823	798794	12:17:00	12:26:00	0.15	PaxLoc	Isabelle-Stephanie lake sampling new location	EnvHydr
2019	Spring	2019-05-18	823	798794	11:24:00	11:30:00	0.1	PaxLoc	Isabelle-Stephanie lake sampling new location	EnvHydr
2019	Spring	2019-05-18	823	798794	10:18:00	10:34:00	0.27	PaxLoc	Stephanie-Isabelle enviro lake sampling	EnvHydr
2019	Spring	2019-05-18	823	798794	13:09:00	13:15:00	0.1	PaxLoc	Isabelle-Stephanie lake sampling new location	EnvHydr
2019	Spring	2019-05-18	823	798794	14:13:00	14:24:00	0.18	PaxLoc	Isabelle-Stephanie wildlife monitoring along road	EnvWild

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Spring	2019-05-19	824	798795	10:15:00	10:54:00	0.65	PaxLoc	Nicolas-Steve	DrillExplo
2019	Spring	2019-05-19	826	46218	6:08:00	8:01:00	1.88	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-19	826	46218	12:17:00	12:30:00	0.22	PaxLoc	Yuka crew move	DrillExplo
2019	Spring	2019-05-19	826	46218	10:52:00	11:50:00	0.97	PaxLoc	Yuka crew move	DrillExplo
2019	Spring	2019-05-19	826	46218	6:08:00	8:01:00	1.88	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-19	824	798795	6:06:00	6:48:00	0.7	CrewChg	PLSalvano- Danny_Jimmy-Patrick	DrillExplo
2019	Spring	2019-05-19	826	46218	10:52:00	11:50:00	0.97	Floor	Yuka	DrillExplo
2019	Spring	2019-05-19	824	798795	17:56:00	18:34:00	0.63	CrewChg	Jimmy- Patrick_PLSalvano- Dany	DrillExplo
2019	Spring	2019-05-19	826	46218	8:56:00	9:50:00	0.9	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-19	824	798795	14:22:00	15:41:00	1.32	Move	Move D10+fuel km46	DrillExplo
2019	Spring	2019-05-19	826	46218	8:56:00	9:50:00	0.9	PaxLoc	Yuka - Crew move A004 to A009	DrillExplo
2019	Spring	2019-05-19	824	798795	13:37:00	13:59:00	0.37	Move	to GHD to move D10	DrillExplo
2019	Spring	2019-05-19	826	46218	10:09:00	10:31:00	0.37	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-19	826	46218	18:20:00	18:44:00	0.4	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-19	826	46218	8:56:00	9:50:00	0.9	Floor	Yuka	DrillExplo
2019	Spring	2019-05-19	826	46218	6:08:00	8:01:00	1.88	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-19	826	46218	10:09:00	10:31:00	0.37	PaxLoc	Yuka - Crew move	DrillExplo
2019	Spring	2019-05-19	826	46218	6:08:00	8:01:00	1.88	Core	Yuka	DrillExplo
2019	Spring	2019-05-19	824	798795	16:02:00	16:23:00	0.35	Move	Km46 to MBK after move	DrillExplo
2019	Spring	2019-05-19	826	46218	6:08:00	8:01:00	1.88	Core	Drill 3 CONV/GT	DrillGeot
2019	Spring	2019-05-19	826	46218	6:08:00	8:01:00	1.88	DrillServ	Drill 3 CONV/GT	DrillGeot
2019	Spring	2019-05-20	827	46219	6:12:00	7:05:00	0.88	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-20	827	46219	18:05:00	18:45:00	0.67	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-20	827	46219	18:05:00	18:45:00	0.67	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-20	827	46219	16:33:00	16:43:00	0.17	PaxLoc	Yuka - Frederic Carriere, mechanic	DrillExplo
2019	Spring	2019-05-20	827	46219	15:49:00	16:00:00	0.18	PaxLoc	Yuka - Frederic Carriere, mechanic	DrillExplo
2019	Spring	2019-05-20	827	46219	6:12:00	7:05:00	0.88	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-20	827	46219	6:12:00	7:05:00	0.88	Core	Yuka	DrillExplo
2019	Spring	2019-05-20	825	798796	17:56:00	18:42:00	0.77	CrewChg	PLSavano-Danny_Joel- Maxime	DrillExplo
2019	Spring	2019-05-20	825	798796	5:55:00	6:50:00	0.92	CrewChg	Jimmy- Patrick_PLSalvano- Dany	DrillExplo
2019	Spring	2019-05-21	828	46220	6:18:00	8:05:00	1.78	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-21	828	46220	18:15:00	19:10:00	0.92	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-21	828	46220	18:15:00	19:10:00	0.92	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-21	828	46220	10:00:00	10:31:00	0.52	PaxLoc	Yuka - Ralph & Nazareth	DrillExplo
2019	Spring	2019-05-21	828	46220	6:18:00	8:05:00	1.78	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-21	828	46220	10:00:00	10:31:00	0.52	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-21	828	46220	6:18:00	8:05:00	1.78	Core	Yuka	DrillExplo
2019	Spring	2019-05-21	828	46220	6:18:00	8:05:00	1.78	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-21	829	798797	6:00:00	6:53:00	0.88	CrewChg	PLSalvano-Dany_Joel- Maxime	DrillExplo
2019	Spring	2019-05-21	829	798797	8:44:00	9:32:00	0.8	Pax	Wildlife monitoring along AMQ road 3 passengers	EnvWild
2019	Spring	2019-05-21	829	798797	10:13:00	10:40:00	0.45	Pax	Enviro team come back to MBK with 2 passengers	EnvWild
2019	Spring	2019-05-22	831	46221	10:56:00	11:09:00	0.22	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-22	831	46221	15:11:00	16:17:00	1.1	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-22	831	46221	18:09:00	18:31:00	0.37	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-22	831	46221	15:11:00	16:17:00	1.1	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-22	830	798798	16:44:00	17:49:00	1.08	Move	demob D10 to km46 and come back to mbk	DrillExplo
2019	Spring	2019-05-22	830	798798	6:05:00	6:51:00	0.77	CrewChg	PLSalvano-Dany_Joel- Maxime_Nico check core	DrillExplo
2019	Spring	2019-05-22	830	798798	15:09:00	16:27:00	1.3	Move	demob D10 to km46	DrillExplo
2019	Spring	2019-05-22	830	798798	13:05:00	14:46:00	1.68	Move	demob D10 to km46	DrillExplo
2019	Spring	2019-05-22	831	46221	6:12:00	6:41:00	0.48	CrewChg	Yuka - with core run	DrillExplo
2019	Spring	2019-05-23	835	257327	19:30:00	19:50:00	0.33	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-23	835	257327	6:15:00	7:25:00	1.17	Core	Yuka	DrillExplo
2019	Spring	2019-05-23	835	257327	6:15:00	7:25:00	1.17	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-23	835	257327	6:15:00	7:25:00	1.17	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-24	837	257328	14:15:00	14:35:00	0.33	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-24	834	798800	14:48:00	17:38:00	2.83	PaxLoc	drillers PLS+Dany come back to MBK	DrillExplo
2019	Spring	2019-05-24	837	257328	8:00:00	8:20:00	0.33	Core	Yuka	DrillExplo
2019	Spring	2019-05-24	837	257328	15:05:00	15:14:00	0.15	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-24	837	257328	6:16:00	7:55:00	1.65	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-24	834	798800	10:02:00	11:08:00	1.1	LocSIng	go to km46 to load 3 loads on the flatbed	DrillExplo
2019	Spring	2019-05-24	837	257328	18:10:00	18:47:00	0.62	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-24	834	798800	14:48:00	17:38:00	2.83	Floor	start move floor+survival shack	DrillExplo
2019	Spring	2019-05-24	837	257328	18:10:00	18:47:00	0.62	Core	Yuka	DrillExplo
2019	Spring	2019-05-24	834	798800	14:48:00	17:38:00	2.83	PaxLoc	stake out - LPB	DrillExplo
2019	Spring	2019-05-24	834	798800	14:48:00	17:38:00	2.83	LocSIng	unload flat bed at Vault	DrillExplo
2019	Spring	2019-05-24	837	257328	6:16:00	7:55:00	1.65	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-24	837	257328	6:16:00	7:55:00	1.65	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-24	837	257328	16:26:00	16:35:00	0.15	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-24	834	798800	14:48:00	17:38:00	2.83	PaxLoc	move drillers PLS+Dany at RON	DrillExplo
2019	Spring	2019-05-25	838	257329	7:20:00	7:30:00	0.17	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-25	836	798801	6:11:00	12:05:00	5.9	PaxLoc	LPB: 1 fueling	DrillExplo
2019	Spring	2019-05-25	838	257329	6:18:00	6:42:00	0.4	CrewChg	Yuka	DrillExplo
2019	Spring	2019-05-25	838	257329	8:15:00	11:30:00	3.25	DrillServ	Yuka	DrillExplo
2019	Spring	2019-05-25	838	257329	8:15:00	11:30:00	3.25	Fuel	Yuka	DrillExplo
2019	Spring	2019-05-25	838	257329	11:50:00	13:03:00	1.22	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-25	838	257329	13:12:00	13:21:00	0.15	PaxLoc	Yuka	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Spring	2019-05-25	838	257329	8:15:00	11:30:00	3.25	Move	Yuka	DrillExplo
2019	Spring	2019-05-25	836	798801	6:11:00	12:05:00	5.9	Move	Mob D10 in RON: 3 fueling	DrillExplo
2019	Spring	2019-05-25	836	798801	13:14:00	17:37:00	4.38	Move	Mob D10 in RON: 2 fueling	DrillExplo
2019	Spring	2019-05-25	836	798801	6:11:00	12:05:00	5.9	PaxLoc	PLSalvano-Dany-LPB	DrillExplo
2019	Spring	2019-05-25	836	798801	13:14:00	17:37:00	4.38	Pax	PLSalvano+Dany come back to mbk	DrillExplo
2019	Spring	2019-05-25	838	257329	18:15:00	18:38:00	0.38	PaxLoc	Yuka	DrillExplo
2019	Spring	2019-05-25	838	257329	11:50:00	13:03:00	1.22	Move	Yuka	DrillExplo
2019	Spring	2019-05-25	836	798801	6:11:00	12:05:00	5.9	Move	Mob D10 in RON	DrillExplo
2019	Summer	2019-05-26	839	257330	7:23:00	7:34:00	0.18	PaxLoc	Yuka - MJ Laroche, spot A007	DrillExplo
2019	Summer	2019-05-26	840	798802	6:04:00	6:40:00	0.6	CrewChg	Plsalvano+Dany; wait to bring back ice drill	DrillExplo
2019	Summer	2019-05-26	840	798802	9:05:00	11:05:00	2	DrillServ	brought oil for maintenance	DrillExplo
2019	Summer	2019-05-26	840	798802	13:39:00	14:01:00	0.37	CrewChg	No go; bad weather	DrillExplo
2019	Summer	2019-05-26	840	798802	9:05:00	11:05:00	2	Floor	mob next floor Vault to Ron	DrillExplo
2019	Summer	2019-05-26	839	257330	10:19:00	12:09:00	1.83	Fuel	Yuka	DrillExplo
2019	Summer	2019-05-26	839	257330	10:19:00	12:09:00	1.83	Floor	Yuka	DrillExplo
2019	Summer	2019-05-26	839	257330	8:00:00	8:26:00	0.43	PaxLoc	Yuka - MJ Laroche, A007 to A003 to D2	DrillExplo
2019	Summer	2019-05-26	839	257330	6:20:00	6:45:00	0.42	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-26	840	798802	16:13:00	16:39:00	0.43	CrewChg	PLSalvano+Dany	DrillExplo
2019	Summer	2019-05-26	839	257330	18:25:00	18:44:00	0.32	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-26	839	257330	9:49:00	10:00:00	0.18	PaxLoc	Yuka - MJ L & Levis, A007 to A003	DrillExplo
2019	Summer	2019-05-26	839	257330	10:19:00	12:09:00	1.83	PaxLoc	Yuka - MJ L & Levis	DrillExplo
2019	Summer	2019-05-27	841	798803	15:57:00	16:14:00	0.28	PaxLoc	go to D10, wait for Eric	DrillExplo
2019	Summer	2019-05-27	841	798803	14:10:00	14:32:00	0.37	CrewChg	Jimmy-Patrick-Eric	DrillExplo
2019	Summer	2019-05-27	841	798803	16:43:00	17:01:00	0.3	PaxLoc	Eric come back to camp	DrillExplo
2019	Summer	2019-05-27	841	798803	17:58:00	18:20:00	0.37	CrewChg	Joel-Maxime_Jimmy- Patrick	DrillExplo
2019	Summer	2019-05-27	842	257331	18:29:00	18:43:00	0.23	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-27	842	257331	6:00:00	6:20:00	0.33	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-28	843	257332	16:35:00	16:55:00	0.33	Fuel	Yuka	DrillExplo
2019	Summer	2019-05-28	844	798804	15:40:00	16:59:00	1.32	Core	Core run RON	DrillExplo
2019	Summer	2019-05-28	843	257332	14:27:00	14:36:00	0.15	PaxLoc	Yuka	DrillExplo
2019	Summer	2019-05-28	844	798804	6:34:00	6:44:00	0.17	CrewChg	Crew change RON	DrillExplo
2019	Summer	2019-05-28	843	257332	13:07:00	14:09:00	1.03	Fuel	Yuka	DrillExplo
2019	Summer	2019-05-28	844	798804	15:40:00	16:59:00	1.32	Fuel	Fuel run RON	DrillExplo
2019	Summer	2019-05-28	843	257332	18:20:00	18:43:00	0.38	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-28	843	257332	6:33:00	6:55:00	0.37	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-28	844	798804	6:10:00	6:21:00	0.18	CrewChg	Crew change RON	DrillExplo
2019	Summer	2019-05-28	843	257332	15:28:00	15:37:00	0.15	PaxLoc	Yuka	DrillExplo
2019	Summer	2019-05-28	844	798804	17:55:00	18:17:00	0.37	CrewChg	Crew change RON	DrillExplo
2019	Summer	2019-05-28	844	798804	10:15:00	10:45:00	0.5	PaxLoc	Eric went to the drill	DrillExplo
2019	Summer	2019-05-29	845	798805	18:05:00	18:45:00	0.67	DrillServ	Come back with garbage basket	DrillExplo
2019	Summer	2019-05-29	845	798805	6:03:00	6:30:00	0.45	CrewChg	NA	DrillExplo
2019	Summer	2019-05-29	845	798805	15:14:00	15:40:00	0.43	Floor	Drill floor on Ron	DrillExplo
2019	Summer	2019-05-29	845	798805	14:40:00	14:55:00	0.25	Floor	MB to drill to move the floor on RON	DrillExplo
2019	Summer	2019-05-29	845	798805	16:32:00	17:50:00	1.3	Move	Drill move RON007 to RON19-008	DrillExplo
2019	Summer	2019-05-29	845	798805	18:05:00	18:45:00	0.67	CrewChg	Bring back Eric and Day crew, go back with Joel	DrillExplo
2019	Summer	2019-05-29	845	798805	9:01:00	9:26:00	0.42	PaxLoc	WX not good, had to turn around	DrillExplo
2019	Summer	2019-05-30	847	257334	6:13:00	6:25:00	0.2	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-30	847	257334	17:28:00	17:45:00	0.28	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-31	852	257335	12:54:00	15:05:00	2.18	Fuel	Yuka	DrillExplo
2019	Summer	2019-05-31	852	257335	12:54:00	15:05:00	2.18	LocSIng	Pump shack move AMQ tower lake	DrillExplo
2019	Summer	2019-05-31	852	257335	12:54:00	15:05:00	2.18	DrillServ	Yuka	DrillExplo
2019	Summer	2019-05-31	849	798807	16:22:00	17:37:00	1.25	Move	Drill move RON	DrillExplo
2019	Summer	2019-05-31	852	257335	12:54:00	15:05:00	2.18	CrewChg	Yuka	DrillExplo
2019	Summer	2019-05-31	849	798807	18:02:00	18:34:00	0.53	CrewChg	Crew change AMQ	DrillExplo
2019	Summer	2019-05-31	849	798807	16:22:00	17:37:00	1.25	PaxLoc	Bring back Eric, needs to go to AMQ because of maintenance	DrillExplo
2019	Summer	2019-05-31	849	798807	13:28:00	14:20:00	0.87	Floor	Move floor	DrillExplo
2019	Summer	2019-05-31	849	798807	6:04:00	6:53:00	0.82	CrewChg	Crew change and stop drill hole	DrillExplo
2019	Summer	2019-05-31	849	798807	14:47:00	16:01:00	1.23	Move	Drill move RON	DrillExplo
2019	Summer	2019-05-31	849	798807	17:38:00	18:01:00	0.38	PaxLoc	NO CHARGE, Had to go to AMQ Maintenance HTS	DrillExplo
2019	Summer	2019-05-31	849	798807	18:35:00	18:50:00	0.25	PaxLoc	NO CHARGE, ZRN back to MB, maintenance HTS	DrillExplo
2019	Summer	2019-06-01	854	257336	6:10:00	6:34:00	0.4	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-01	854	257336	8:03:00	8:22:00	0.32	PaxLoc	0.3 hr maintenance no charge	DrillExplo
2019	Summer	2019-06-01	854	257336	8:54:00	9:12:00	0.3	PaxLoc	0.3hr maintenance no charge	DrillExplo
2019	Summer	2019-06-01	854	257336	18:18:00	18:41:00	0.38	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-01	854	257336	19:00:00	19:15:00	0.25	PaxLoc	Radios not working at drill 2 - Checkup Yuka	DrillExplo
2019	Summer	2019-06-01	850	798808	10:08:00	12:07:00	1.98	DrillServ	4 fuel, 1 basket, 1 core box and 2 core back RON	DrillExplo
2019	Summer	2019-06-01	850	798808	18:03:00	18:36:00	0.55	CrewChg	Crew hange and move fuel from drill to PS	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-06-01	850	798808	5:58:00	6:29:00	0.52	CrewChg	Crew change RON	DrillExplo
2019	Summer	2019-06-01	854	257336	9:21:00	9:37:00	0.27	Fuel	NA	DrillExplo
2019	Summer	2019-06-01	850	798808	14:47:00	15:54:00	1.12	PaxLoc	Environment Tom Thompson	EnvOth
2019	Summer	2019-06-02	851	798809	6:01:00	7:25:00	1.4	Core	NA	DrillExplo
2019	Summer	2019-06-02	851	798809	16:22:00	17:13:00	0.85	CrewChg	Crew change RON	DrillExplo
2019	Summer	2019-06-02	855	257337	13:22:00	13:31:00	0.15	PaxLoc	Yuka	DrillExplo
2019	Summer	2019-06-02	855	257337	9:43:00	10:45:00	1.03	Move	Yuka	DrillExplo
2019	Summer	2019-06-02	855	257337	6:13:00	7:35:00	1.37	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-02	855	257337	6:13:00	7:35:00	1.37	DrillServ	Yuka	DrillExplo
2019	Summer	2019-06-02	855	257337	6:13:00	7:35:00	1.37	Fuel	Yuka	DrillExplo
2019	Summer	2019-06-02	855	257337	9:43:00	10:45:00	1.03	DrillServ	Yuka	DrillExplo
2019	Summer	2019-06-02	855	257337	14:31:00	14:40:00	0.15	PaxLoc	Yuka	DrillExplo
2019	Summer	2019-06-02	851	798809	16:22:00	17:13:00	0.85	DrillServ	Bring back skidoo to coreshack	DrillExplo
2019	Summer	2019-06-02	851	798809	14:47:00	16:10:00	1.38	LocSIng	Bring floor and pump shack next to RON drill	DrillExplo
2019	Summer	2019-06-02	855	257337	18:23:00	18:51:00	0.47	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-02	851	798809	6:01:00	7:25:00	1.4	CrewChg	Crew change RON	DrillExplo
2019	Summer	2019-06-02	851	798809	6:01:00	7:25:00	1.4	Core	NA	DrillExplo
2019	Summer	2019-06-02	855	257337	11:14:00	11:33:00	0.32	PaxLoc	Environment	EnvBird
2019	Summer	2019-06-03	857	257338	18:10:00	19:10:00	1	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-03	857	257338	18:10:00	19:10:00	1	Fuel	Yuka	DrillExplo
2019	Summer	2019-06-03	857	257338	10:07:00	10:16:00	0.15	PaxLoc	Yuka - Gabriel & Jerome	DrillExplo
2019	Summer	2019-06-03	857	257338	6:17:00	7:11:00	0.9	Core	Yuka	DrillExplo
2019	Summer	2019-06-03	857	257338	18:10:00	19:10:00	1	Core	Yuka	DrillExplo
2019	Summer	2019-06-03	857	257338	10:54:00	11:10:00	0.27	PaxLoc	Yuka - Gabriel & Jerome	DrillExplo
2019	Summer	2019-06-03	857	257338	6:17:00	7:11:00	0.9	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-03	857	257338	13:52:00	14:09:00	0.28	LocSIng	Environment - BirdCrew	EnvBird
2019	Summer	2019-06-04	858	257339	8:38:00	9:44:00	1.1	DrillServ	Yuka	DrillExplo
2019	Summer	2019-06-04	858	257339	10:57:00	11:06:00	0.15	PaxLoc	Yuka - Keven	DrillExplo
2019	Summer	2019-06-04	858	257339	8:38:00	9:44:00	1.1	PaxLoc	Yuka	DrillExplo
2019	Summer	2019-06-04	858	257339	6:13:00	6:42:00	0.48	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-04	858	257339	18:24:00	18:52:00	0.47	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-04	858	257339	19:00:00	19:12:00	0.2	DrillServ	Yuka	DrillExplo
2019	Summer	2019-06-04	858	257339	8:38:00	9:44:00	1.1	Fuel	Yuka - Pump shack	DrillExplo
2019	Summer	2019-06-04	858	257339	10:03:00	10:12:00	0.15	PaxLoc	Yuka - Keven	DrillExplo
2019	Summer	2019-06-05	859	257340	6:13:00	7:43:00	1.5	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-05	859	257340	9:25:00	9:58:00	0.55	PaxLoc	Yuka - Jerome	DrillExplo
2019	Summer	2019-06-05	859	257340	6:13:00	7:43:00	1.5	DrillServ	Yuka	DrillExplo
2019	Summer	2019-06-05	859	257340	6:13:00	7:43:00	1.5	Core	Yuka	DrillExplo
2019	Summer	2019-06-05	859	257340	6:13:00	7:43:00	1.5	Fuel	Yuka	DrillExplo
2019	Summer	2019-06-05	859	257340	6:13:00	7:43:00	1.5	Fuel	Yuka	DrillExplo
2019	Summer	2019-06-05	859	257340	8:59:00	9:08:00	0.15	PaxLoc	Yuka - Jerome	DrillExplo
2019	Summer	2019-06-05	859	257340	18:00:00	18:18:00	0.3	CrewChg	Yuka	DrillExplo
2019	Summer	2019-06-06	864	257341	7:30:00	7:44:00	0.23	CrewChg	Yuka - with PL	DrillExplo
2019	Summer	2019-06-06	864	257341	10:52:00	12:39:00	1.78	DrillServ	NA	DrillExplo
2019	Summer	2019-06-06	864	257341	8:37:00	10:42:00	2.08	Move	Yuka to AMQ	DrillExplo
2019	Summer	2019-06-06	864	257341	8:37:00	10:42:00	2.08	PaxLoc	Jerome	DrillExplo
2019	Summer	2019-06-06	864	257341	17:32:00	17:41:00	0.15	PaxLoc	Serge - Samuel	DrillExplo
2019	Summer	2019-06-06	864	257341	10:52:00	12:39:00	1.78	Move	Yuka to AMQ	DrillExplo
2019	Summer	2019-06-06	864	257341	12:56:00	17:16:00	4.33	Move	NA	DrillExplo
2019	Summer	2019-06-06	864	257341	12:56:00	17:16:00	4.33	DrillServ	NA	DrillExplo
2019	Summer	2019-06-06	864	257341	12:56:00	17:16:00	4.33	PaxLoc	Serge - Samuel	DrillExplo
2019	Summer	2019-06-06	864	257341	18:14:00	18:39:00	0.42	CrewChg	NA	DrillExplo
2019	Summer	2019-06-06	864	257341	8:37:00	10:42:00	2.08	DrillServ	NA	DrillExplo
2019	Summer	2019-06-07	865	257342	6:24:00	8:29:00	2.08	Floor	NA	DrillExplo
2019	Summer	2019-06-07	865	257342	18:11:00	19:00:00	0.82	DrillServ	NA	DrillExplo
2019	Summer	2019-06-07	865	257342	9:09:00	10:01:00	0.87	PaxLoc	Serge - Samuel - Martin	DrillExplo
2019	Summer	2019-06-07	865	257342	10:47:00	11:08:00	0.35	PaxLoc	Martin	DrillExplo
2019	Summer	2019-06-07	865	257342	6:24:00	8:29:00	2.08	CrewChg	NA	DrillExplo
2019	Summer	2019-06-07	865	257342	6:24:00	8:29:00	2.08	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-07	865	257342	18:11:00	19:00:00	0.82	CrewChg	NA	DrillExplo
2019	Summer	2019-06-07	865	257342	10:31:00	10:36:00	0.08	PaxLoc	Bird crew	EnvBird
2019	Summer	2019-06-07	865	257342	9:09:00	10:01:00	0.87	PaxLoc	Bird crew	EnvBird
2019	Summer	2019-06-07	865	257342	10:15:00	10:20:00	0.08	PaxLoc	Bird crew	EnvBird
2019	Summer	2019-06-07	865	257342	10:47:00	11:08:00	0.35	PaxLoc	Bird crew	EnvBird
2019	Summer	2019-06-08	867	257343	6:15:00	7:34:00	1.32	CrewChg	NA	DrillExplo
2019	Summer	2019-06-08	867	257343	6:15:00	7:34:00	1.32	Fuel	NA	DrillExplo
2019	Summer	2019-06-08	867	257343	18:17:00	18:48:00	0.52	CrewChg	NA	DrillExplo
2019	Summer	2019-06-08	867	257343	15:33:00	15:50:00	0.28	LocSIng	NA	DrillExplo
2019	Summer	2019-06-08	867	257343	12:43:00	12:55:00	0.2	PaxLoc	Steeve - Jerome - Gabriel	DrillExplo
2019	Summer	2019-06-08	867	257343	10:47:00	11:04:00	0.28	PaxLoc	Steve - Jerome - Gabriel	DrillExplo
2019	Summer	2019-06-09	868	257344	8:04:00	8:15:00	0.18	DrillServ	NA	DrillExplo
2019	Summer	2019-06-09	868	257344	6:22:00	6:51:00	0.48	CrewChg	NA	DrillExplo
2019	Summer	2019-06-09	868	257344	18:24:00	18:55:00	0.52	CrewChg	NA	DrillExplo
2019	Summer	2019-06-09	868	257344	7:43:00	7:54:00	0.18	DrillServ	NA	DrillExplo
2019	Summer	2019-06-10	869	257345	5:50:00	6:18:00	0.47	CrewChg	NA	DrillExplo
2019	Summer	2019-06-10	869	257345	13:25:00	16:03:00	2.63	DrillServ	NA	DrillExplo
2019	Summer	2019-06-10	869	257345	13:25:00	16:03:00	2.63	PaxLoc	Jerome G	DrillExplo
2019	Summer	2019-06-10	869	257345	18:18:00	18:40:00	0.37	CrewChg	NA	DrillExplo
2019	Summer	2019-06-10	869	257345	12:59:00	13:09:00	0.17	PaxLoc	Jerome G	DrillExplo
2019	Summer	2019-06-10	869	257345	13:25:00	16:03:00	2.63	Core	NA	DrillExplo
2019	Summer	2019-06-10	869	257345	13:25:00	16:03:00	2.63	Fuel	NA	DrillExplo
2019	Summer	2019-06-11	870	257346	18:10:00	18:32:00	0.37	CrewChg	NA	DrillExplo
2019	Summer	2019-06-11	870	257346	6:15:00	7:16:00	1.02	CrewChg	NA	DrillExplo
2019	Summer	2019-06-11	870	257346	6:15:00	7:16:00	1.02	DrillServ	NA	DrillExplo
2019	Summer	2019-06-11	870	257346	8:18:00	8:40:00	0.37	DrillServ	NA	DrillExplo
2019	Summer	2019-06-11	870	257346	9:14:00	9:27:00	0.22	PaxLoc	Jerome G - Anne Sophie R	DrillExplo
2019	Summer	2019-06-11	870	257346	9:51:00	10:25:00	0.57	PaxLoc	Jerome G - Anne Sophie R	DrillExplo
2019	Summer	2019-06-11	870	257346	6:15:00	7:16:00	1.02	Core	NA	DrillExplo
2019	Summer	2019-06-11	870	257346	9:51:00	10:25:00	0.57	DrillServ	NA	DrillExplo
2019	Summer	2019-06-12	871	257347	10:28:00	10:59:00	0.52	PaxLoc	Jerome L & Robert B - AMQ/GOT spotting	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-06-12	871	257347	13:23:00	13:46:00	0.38	DrillServ	NA	DrillExplo
2019	Summer	2019-06-12	871	257347	9:57:00	10:16:00	0.32	PaxLoc	Jerome L & Robert B - AMQ/GOT spotting	DrillExplo
2019	Summer	2019-06-12	871	257347	6:14:00	7:28:00	1.23	Fuel	NA	DrillExplo
2019	Summer	2019-06-12	871	257347	6:14:00	7:28:00	1.23	CrewChg	NA	DrillExplo
2019	Summer	2019-06-12	871	257347	13:23:00	13:46:00	0.38	Core	NA	DrillExplo
2019	Summer	2019-06-12	871	257347	18:13:00	18:37:00	0.4	CrewChg	NA	DrillExplo
2019	Summer	2019-06-12	871	257347	8:23:00	9:38:00	1.25	PaxLoc	Env Marilyn & Karel	EnvWild
2019	Summer	2019-06-13	876	257348	11:51:00	12:00:00	0.15	PaxLoc	Serge & Guillaume	DrillExplo
2019	Summer	2019-06-13	876	257348	14:06:00	18:47:00	4.68	Move	To A002	DrillExplo
2019	Summer	2019-06-13	876	257348	14:06:00	18:47:00	4.68	PaxLoc	Serge & Guillaume	DrillExplo
2019	Summer	2019-06-13	876	257348	14:06:00	18:47:00	4.68	CrewChg	NA	DrillExplo
2019	Summer	2019-06-13	876	257348	12:36:00	13:55:00	1.32	PaxLoc	Serge & Guillaume	DrillExplo
2019	Summer	2019-06-13	876	257348	12:36:00	13:55:00	1.32	Move	To A002	DrillExplo
2019	Summer	2019-06-13	876	257348	6:44:00	7:04:00	0.33	Core	CR/DS	DrillExplo
2019	Summer	2019-06-13	876	257348	6:44:00	7:04:00	0.33	DrillServ	CR/DS	DrillExplo
2019	Summer	2019-06-13	876	257348	6:05:00	6:33:00	0.47	CrewChg	NA	DrillExplo
2019	Summer	2019-06-14	877	715229	6:05:00	6:40:00	0.58	CrewChg	Crew change D2 Amer area	DrillExplo
2019	Summer	2019-06-14	877	715229	18:08:00	18:35:00	0.45	CrewChg	Crew chg Amer area	DrillExplo
2019	Summer	2019-06-14	877	715229	7:23:00	7:45:00	0.37	DrillServ	Sling in Amer area	DrillExplo
2019	Summer	2019-06-14	877	715229	8:11:00	9:03:00	0.87	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-14	877	715229	13:39:00	16:00:00	2.35	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-14	877	715229	11:09:00	13:26:00	2.28	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-14	877	715229	9:16:00	10:35:00	1.32	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-15	881	715230	18:05:00	19:05:00	1	CrewChg	Sling x 2	DrillExplo
2019	Summer	2019-06-15	881	715230	10:00:00	10:13:00	0.22	PaxLoc	Survey crew to camp	DrillExplo
2019	Summer	2019-06-15	881	715230	6:10:00	6:38:00	0.47	CrewChg	Crew change	DrillExplo
2019	Summer	2019-06-15	881	715230	7:46:00	8:46:00	1	PaxLoc	Clean up and move floor to A017	DrillExplo
2019	Summer	2019-06-15	881	715230	8:51:00	9:53:00	1.03	PaxLoc	Finish floor A017	DrillExplo
2019	Summer	2019-06-15	881	715230	6:45:00	7:39:00	0.9	DrillServ	NA	DrillExplo
2019	Summer	2019-06-15	881	715230	13:43:00	15:28:00	1.75	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-15	881	715230	15:47:00	17:17:00	1.5	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-15	881	715230	10:28:00	12:28:00	2	PaxLoc	Raptor survey	EnvBird
2019	Summer	2019-06-16	883	715231	6:10:00	7:41:00	1.52	CrewChg	NA	DrillExplo
2019	Summer	2019-06-16	883	715231	6:10:00	7:41:00	1.52	DrillServ	NA	DrillExplo
2019	Summer	2019-06-16	883	715231	18:05:00	18:30:00	0.42	CrewChg	NA	DrillExplo
2019	Summer	2019-06-16	883	715231	12:34:00	12:53:00	0.32	PaxLoc	Move bird crew	EnvBird
2019	Summer	2019-06-16	883	715231	8:06:00	8:26:00	0.33	PaxLoc	Drop bird crew	EnvBird
2019	Summer	2019-06-16	883	715231	16:10:00	16:30:00	0.33	PaxLoc	Pick up bird crew	EnvBird
2019	Summer	2019-06-16	883	715231	13:49:00	14:12:00	0.38	PaxLoc	Drop prospection	ProspMap
2019	Summer	2019-06-16	883	715231	17:16:00	17:27:00	0.18	PaxLoc	Pick up prospection	ProspMap
2019	Summer	2019-06-16	883	715231	17:35:00	17:45:00	0.17	PaxLoc	Pick up prospection	ProspMap
2019	Summer	2019-06-17	884	715232	6:03:00	7:17:00	1.23	DrillServ	NA	DrillExplo
2019	Summer	2019-06-17	884	715232	6:03:00	7:17:00	1.23	CrewChg	NA	DrillExplo
2019	Summer	2019-06-17	884	715232	9:29:00	9:39:00	0.17	PaxLoc	Drill inspection	DrillExplo
2019	Summer	2019-06-17	884	715232	18:09:00	19:08:00	0.98	CrewChg	Crew change + sling	DrillExplo
2019	Summer	2019-06-17	884	715232	10:17:00	10:28:00	0.18	PaxLoc	Drill inspection back	DrillExplo
2019	Summer	2019-06-17	884	715232	16:17:00	16:32:00	0.25	PaxLoc	Pick up bird crew	EnvBird
2019	Summer	2019-06-17	884	715232	13:00:00	13:20:00	0.33	PaxLoc	Move bird crew	EnvBird
2019	Summer	2019-06-17	884	715232	8:52:00	9:09:00	0.28	PaxLoc	Drop birdcrew	EnvBird
2019	Summer	2019-06-17	884	715232	9:10:00	9:28:00	0.3	PaxLoc	Drop prospection GOT	ProspMap
2019	Summer	2019-06-17	884	715232	16:48:00	17:28:00	0.67	PaxLoc	Pick up prospection	ProspMap
2019	Summer	2019-06-18	885	715233	15:54:00	16:19:00	0.42	PaxLoc	Pick up drillers	DrillExplo
2019	Summer	2019-06-18	885	715233	6:05:00	7:30:00	1.42	CrewChg	NA	DrillExplo
2019	Summer	2019-06-18	885	715233	6:05:00	7:30:00	1.42	DrillServ	NA	DrillExplo
2019	Summer	2019-06-18	885	715233	18:03:00	18:26:00	0.38	CrewChg	NA	DrillExplo
2019	Summer	2019-06-18	885	715233	13:05:00	13:46:00	0.68	DrillServ	Sling x2	DrillExplo
2019	Summer	2019-06-18	885	715233	7:40:00	8:02:00	0.37	PaxLoc	Drop prospection team	ProspMap
2019	Summer	2019-06-18	885	715233	15:08:00	15:34:00	0.43	PaxLoc	Pick up prospection team	ProspMap
2019	Summer	2019-06-19	890	715234	8:09:00	9:36:00	1.45	Move	Move D2	DrillExplo
2019	Summer	2019-06-19	890	715234	6:08:00	6:34:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-06-19	890	715234	7:37:00	7:47:00	0.17	DrillServ	NA	DrillExplo
2019	Summer	2019-06-19	890	715234	9:41:00	11:00:00	1.32	Move	Move D2	DrillExplo
2019	Summer	2019-06-19	890	715234	18:08:00	18:34:00	0.43	CrewChg	crewchange D2	DrillExplo
2019	Summer	2019-06-19	890	715234	17:20:00	17:36:00	0.27	PaxLoc	Foreman to D2	DrillExplo
2019	Summer	2019-06-19	890	715234	7:25:00	7:35:00	0.17	PaxLoc	NA	EnvBird
2019	Summer	2019-06-19	890	715234	12:42:00	12:56:00	0.23	PaxLoc	NA	EnvBird
2019	Summer	2019-06-19	890	715234	18:40:00	18:50:00	0.17	PaxLoc	Pickup birdcrew	EnvBird
2019	Summer	2019-06-19	890	715234	15:02:00	15:20:00	0.3	PaxLoc	Envro recon cam port	EnvOth
2019	Summer	2019-06-19	890	715234	6:47:00	7:12:00	0.42	PaxLoc	NA	ProspMap
2019	Summer	2019-06-19	890	715234	15:51:00	16:20:00	0.48	PaxLoc	Pckup prosp	ProspMap
2019	Summer	2019-06-20	891	715235	10:30:00	11:02:00	0.53	DrillServ	DS D2	DrillExplo
2019	Summer	2019-06-20	891	715235	6:10:00	6:36:00	0.43	CrewChg	CC D2	DrillExplo
2019	Summer	2019-06-20	891	715235	18:30:00	18:50:00	0.33	DrillServ	NA	DrillExplo
2019	Summer	2019-06-20	891	715235	18:00:00	18:25:00	0.42	CrewChg	CC D2	DrillExplo
2019	Summer	2019-06-20	891	715235	6:55:00	7:39:00	0.73	Fuel	Fuel run 2x	DrillExplo
2019	Summer	2019-06-21	895	715236	10:04:00	11:21:00	1.28	DrillServ	sling fuel to d4	DrillConv
2019	Summer	2019-06-21	895	715236	18:10:00	18:35:00	0.42	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-21	895	715236	6:08:00	6:34:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-06-21	895	715236	11:29:00	12:23:00	0.9	DrillServ	sling fuel to d2	DrillExplo
2019	Summer	2019-06-21	895	715236	10:04:00	11:21:00	1.28	DrillServ	sling 3 fuel to d2	DrillExplo
2019	Summer	2019-06-21	895	715236	15:20:00	15:35:00	0.25	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-21	895	715236	12:33:00	12:40:00	0.12	PaxLoc	archeology	EnvArch
2019	Summer	2019-06-21	895	715236	13:51:00	13:58:00	0.12	PaxLoc	archeology	EnvArch
2019	Summer	2019-06-21	895	715236	14:31:00	14:41:00	0.17	PaxLoc	archeology	EnvArch
2019	Summer	2019-06-21	895	715236	9:19:00	9:37:00	0.3	PaxLoc	Archeologists at GOT	EnvArch
2019	Summer	2019-06-21	895	715236	12:47:00	13:02:00	0.25	PaxLoc	archology	EnvArch
2019	Summer	2019-06-21	895	715236	15:20:00	15:35:00	0.25	PaxLoc	archeology	EnvArch
2019	Summer	2019-06-21	895	715236	8:00:00	8:10:00	0.17	Pax	NA	EnvBird
2019	Summer	2019-06-21	895	715236	17:08:00	17:36:00	0.47	PaxLoc	NA	EnvBird
2019	Summer	2019-06-21	895	715236	10:04:00	11:21:00	1.28	PaxLoc	drone crew sling	GeophOth
2019	Summer	2019-06-21	895	715236	17:08:00	17:36:00	0.47	PaxLoc	drone mag crew	GeophOth
2019	Summer	2019-06-21	895	715236	9:38:00	9:58:00	0.33	PaxLoc	Drone Mag crew	GeophOth
2019	Summer	2019-06-21	895	715236	16:00:00	16:19:00	0.32	PaxLoc	NA	ProspMap
2019	Summer	2019-06-21	895	715236	8:33:00	8:54:00	0.35	PaxLoc	NA	ProspMap
2019	Summer	2019-06-22	896	715237	18:14:00	18:42:00	0.47	CrewChg	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-06-22	896	715237	7:16:00	7:34:00	0.3	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-22	896	715237	11:43:00	12:05:00	0.37	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-22	896	715237	6:15:00	6:41:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-06-22	896	715237	14:35:00	14:53:00	0.3	PaxLoc	NA	EnvArch
2019	Summer	2019-06-22	896	715237	9:15:00	9:27:00	0.2	PaxLoc	NA	EnvArch
2019	Summer	2019-06-22	896	715237	14:03:00	14:17:00	0.23	PaxLoc	NA	EnvArch
2019	Summer	2019-06-22	896	715237	10:10:00	10:37:00	0.45	PaxLoc	NA	EnvArch
2019	Summer	2019-06-22	896	715237	12:55:00	13:05:00	0.17	PaxLoc	NA	EnvArch
2019	Summer	2019-06-22	896	715237	11:43:00	12:05:00	0.37	PaxLoc	NA	EnvBird
2019	Summer	2019-06-22	896	715237	10:10:00	10:37:00	0.45	PaxLoc	Cam enviro/ Fish guy	EnvFish
2019	Summer	2019-06-22	896	715237	15:58:00	16:53:00	0.92	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-22	896	715237	7:58:00	9:05:00	1.12	PaxLoc	Sling and drop team	GeophVTEM
2019	Summer	2019-06-22	896	715237	15:58:00	16:53:00	0.92	PaxLoc	NA	ProspMap
2019	Summer	2019-06-22	896	715237	7:58:00	9:05:00	1.12	PaxLoc	Drop prospecting	ProspMap
2019	Summer	2019-06-23	897	715238	6:10:00	7:50:00	1.67	LocSlng	CC and sling x4	DrillExplo
2019	Summer	2019-06-23	897	715238	18:15:00	18:41:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-06-23	897	715238	14:30:00	14:38:00	0.13	PaxLoc	NA	EnvArch
2019	Summer	2019-06-23	897	715238	15:03:00	15:19:00	0.27	PaxLoc	NA	EnvArch
2019	Summer	2019-06-23	897	715238	12:05:00	12:11:00	0.1	PaxLoc	NA	EnvArch
2019	Summer	2019-06-23	897	715238	9:01:00	9:53:00	0.87	PaxLoc	NA	EnvArch
2019	Summer	2019-06-23	897	715238	12:58:00	13:28:00	0.5	PaxLoc	NA	EnvArch
2019	Summer	2019-06-23	897	715238	10:57:00	11:05:00	0.13	NA	NA	EnvArch
2019	Summer	2019-06-23	897	715238	13:39:00	13:49:00	0.17	PaxLoc	NA	EnvArch
2019	Summer	2019-06-23	897	715238	15:30:00	15:37:00	0.12	PaxLoc	NA	EnvFish
2019	Summer	2019-06-23	897	715238	15:50:00	16:49:00	0.98	PaxLoc	NA	EnvFish
2019	Summer	2019-06-23	897	715238	15:50:00	16:49:00	0.98	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-23	897	715238	7:55:00	8:58:00	1.05	PaxLoc	Drop team and sling	GeophVTEM
2019	Summer	2019-06-23	897	715238	15:50:00	16:49:00	0.98	PaxLoc	NA	ProspMap
2019	Summer	2019-06-23	897	715238	7:55:00	8:58:00	1.05	PaxLoc	NA	ProspMap
2019	Summer	2019-06-24	904	715239	12:53:00	13:07:00	0.23	LocSlng	NA	DrillExplo
2019	Summer	2019-06-24	904	715239	18:08:00	18:35:00	0.45	CrewChg	NA	DrillExplo
2019	Summer	2019-06-24	904	715239	6:20:00	6:44:00	0.4	CrewChg	CC	DrillExplo
2019	Summer	2019-06-24	904	715239	10:06:00	10:14:00	0.13	PaxLoc	NA	EnvArch
2019	Summer	2019-06-24	904	715239	11:51:00	12:17:00	0.43	PaxLoc	NA	EnvArch
2019	Summer	2019-06-24	904	715239	7:50:00	8:14:00	0.4	PaxLoc	Archeo	EnvArch
2019	Summer	2019-06-24	904	715239	10:55:00	11:03:00	0.13	PaxLoc	NA	EnvArch
2019	Summer	2019-06-24	904	715239	13:25:00	14:06:00	0.68	PaxLoc	NA	EnvArch
2019	Summer	2019-06-24	904	715239	14:48:00	15:07:00	0.32	PaxLoc	NA	EnvArch
2019	Summer	2019-06-24	904	715239	7:50:00	8:14:00	0.4	PaxLoc	Bird Crew	EnvBird
2019	Summer	2019-06-24	904	715239	17:28:00	17:39:00	0.18	PaxLoc	NA	EnvBird
2019	Summer	2019-06-24	904	715239	11:51:00	12:17:00	0.43	PaxLoc	NA	EnvBird
2019	Summer	2019-06-24	904	715239	12:25:00	12:32:00	0.12	PaxLoc	NA	EnvOth
2019	Summer	2019-06-24	904	715239	18:08:00	18:35:00	0.45	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-24	904	715239	13:25:00	14:06:00	0.68	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-24	904	715239	15:57:00	16:33:00	0.6	PaxLoc	NA	ProspMap
2019	Summer	2019-06-24	904	715239	7:09:00	7:36:00	0.45	PaxLoc	Prosp GOT	ProspMap
2019	Summer	2019-06-25	905	715240	6:14:00	7:23:00	1.15	CrewChg	CC + sling x4	DrillExplo
2019	Summer	2019-06-25	905	715240	10:44:00	10:55:00	0.18	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-25	905	715240	13:30:00	13:55:00	0.42	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-25	905	715240	17:46:00	18:36:00	0.83	CrewChg	NA	DrillExplo
2019	Summer	2019-06-25	905	715240	9:48:00	9:57:00	0.15	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-25	905	715240	7:35:00	7:44:00	0.15	PaxLoc	NA	EnvBird
2019	Summer	2019-06-25	905	715240	17:46:00	18:36:00	0.83	PaxLoc	NA	EnvBird
2019	Summer	2019-06-25	905	715240	13:30:00	13:55:00	0.42	PaxLoc	NA	EnvBird
2019	Summer	2019-06-25	905	715240	17:12:00	17:42:00	0.5	PaxLoc	NA	EnvOth
2019	Summer	2019-06-25	905	715240	15:57:00	16:33:00	0.6	PaxLoc	NA	EnvOth
2019	Summer	2019-06-25	905	715240	14:38:00	15:10:00	0.53	PaxLoc	NA	EnvOth
2019	Summer	2019-06-25	905	715240	14:04:00	14:18:00	0.23	PaxLoc	NA	EnvOth
2019	Summer	2019-06-25	905	715240	16:39:00	16:56:00	0.28	PaxLoc	NA	EnvOth
2019	Summer	2019-06-25	905	715240	7:51:00	8:34:00	0.72	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-25	905	715240	17:46:00	18:36:00	0.83	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-25	905	715240	15:57:00	16:33:00	0.6	PaxLoc	NA	ProspMap
2019	Summer	2019-06-25	905	715240	7:51:00	8:34:00	0.72	PaxLoc	NA	ProspMap
2019	Summer	2019-06-26	906	715241	10:50:00	11:02:00	0.2	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-26	906	715241	17:43:00	18:32:00	0.82	CrewChg	NA	DrillExplo
2019	Summer	2019-06-26	906	715241	6:10:00	7:54:00	1.73	CrewChg	CC + sling x6	DrillExplo
2019	Summer	2019-06-26	906	715241	9:04:00	9:40:00	0.6	Floor	NA	DrillExplo
2019	Summer	2019-06-26	906	715241	11:48:00	12:35:00	0.78	PaxLoc	NA	EnvHydr
2019	Summer	2019-06-26	906	715241	7:59:00	8:56:00	0.95	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-26	906	715241	17:43:00	18:32:00	0.82	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-26	906	715241	7:59:00	8:56:00	0.95	PaxLoc	NA	ProspMap
2019	Summer	2019-06-26	906	715241	16:04:00	16:44:00	0.67	PaxLoc	NA	ProspMap
2019	Summer	2019-06-27	907	715242	13:47:00	14:07:00	0.33	LocSlng	Sling pumpshack D5?	DrillConv
2019	Summer	2019-06-27	907	715242	11:20:00	11:29:00	0.15	PaxLoc	Geo to AMQ	DrillExplo
2019	Summer	2019-06-27	907	715242	6:06:00	6:37:00	0.52	CrewChg	NA	DrillExplo
2019	Summer	2019-06-27	907	715242	6:40:00	7:07:00	0.45	Core	NA	DrillExplo
2019	Summer	2019-06-27	907	715242	18:10:00	18:59:00	0.82	CrewChg	CC+ sling salt	DrillExplo
2019	Summer	2019-06-27	907	715242	11:07:00	11:16:00	0.15	PaxLoc	Geo to D2	DrillExplo
2019	Summer	2019-06-27	907	715242	9:57:00	10:35:00	0.63	PaxLoc	NA	EnvHydr
2019	Summer	2019-06-27	907	715242	17:14:00	17:37:00	0.38	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-27	907	715242	8:16:00	8:53:00	0.62	PaxLoc	Pax loc + sling x2	GeophVTEM
2019	Summer	2019-06-27	907	715242	7:33:00	7:59:00	0.43	PaxLoc	NA	ProspMap
2019	Summer	2019-06-27	907	715242	15:50:00	16:31:00	0.68	PaxLoc	NA	ProspMap
2019	Summer	2019-06-28	908	715243	11:55:00	12:04:00	0.15	PaxLoc	Geo to AMQ	DrillExplo
2019	Summer	2019-06-28	908	715243	8:05:00	8:45:00	0.67	LocSlng	NA	DrillExplo
2019	Summer	2019-06-28	908	715243	10:21:00	10:42:00	0.35	LocSlng	Sling pump	DrillExplo
2019	Summer	2019-06-28	908	715243	10:43:00	11:12:00	0.48	PaxLoc	NA	DrillExplo
2019	Summer	2019-06-28	908	715243	6:18:00	8:00:00	1.7	CrewChg	CC+ fuel servicing x2	DrillExplo
2019	Summer	2019-06-28	908	715243	14:40:00	14:50:00	0.17	PaxLoc	Driller to AMQ	DrillExplo
2019	Summer	2019-06-28	908	715243	18:13:00	18:38:00	0.42	CrewChg	NA	DrillExplo
2019	Summer	2019-06-28	908	715243	15:14:00	15:50:00	0.6	LocSlng	Sling rods to drill	DrillExplo
2019	Summer	2019-06-28	908	715243	13:55:00	14:04:00	0.15	PaxLoc	Driller to D2	DrillExplo
2019	Summer	2019-06-28	908	715243	10:43:00	11:12:00	0.48	PaxLoc	NA	EnvOth
2019	Summer	2019-06-28	908	715243	16:12:00	16:59:00	0.78	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-28	908	715243	8:50:00	9:50:00	1	PaxLoc	NA	GeophVTEM
2019	Summer	2019-06-28	908	715243	12:49:00	13:21:00	0.53	PaxLoc	Move prospecting	ProspMap
2019	Summer	2019-06-28	908	715243	16:12:00	16:59:00	0.78	PaxLoc	NA	ProspMap
2019	Summer	2019-06-28	908	715243	8:50:00	9:50:00	1	PaxLoc	NA	ProspMap
2019	Summer	2019-06-29	913	715244	19:22:00	19:57:00	0.58	Medevac	Medevac of a contruction worker	ConstOth
2019	Summer	2019-06-29	913	715244	6:12:00	7:55:00	1.72	CrewChg	Crew change + sling 2x	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-06-29	913	715244	18:09:00	19:10:00	1.02	CrewChg	CC + 2 slings	DrillExplo
2019	Summer	2019-06-29	913	715244	8:44:00	10:02:00	1.3	Pax	driller to drill 2	DrillExplo
2019	Summer	2019-06-29	913	715244	6:12:00	7:55:00	1.72	Pax	bird crew	EnvBird
2019	Summer	2019-06-29	913	715244	11:52:00	12:05:00	0.22	Pax	Move bird crew	EnvBird
2019	Summer	2019-06-29	913	715244	8:44:00	10:02:00	1.3	Pax	NA	EnvOth
2019	Summer	2019-06-29	913	715244	6:12:00	7:55:00	1.72	Pax	drone crew + sling	GeophVTM
2019	Summer	2019-06-29	913	715244	17:15:00	17:39:00	0.4	CrewChg	Pick up Drone team	GeophVTM
2019	Summer	2019-06-29	913	715244	15:53:00	16:37:00	0.73	CrewChg	NA	ProspMap
2019	Summer	2019-06-29	913	715244	8:05:00	8:27:00	0.37	Pax	NA	ProspMap
2019	Summer	2019-06-30	914	715245	18:16:00	19:21:00	1.08	CrewChg	CC and 2 sling for D2	DrillExplo
2019	Summer	2019-06-30	914	715245	6:56:00	7:35:00	0.65	DrillServ	DS fuel D2	DrillExplo
2019	Summer	2019-06-30	914	715245	6:23:00	6:49:00	0.43	CrewChg	CC and geo to rig 2	DrillExplo
2019	Summer	2019-06-30	914	715245	11:40:00	11:58:00	0.3	LocSlng	Sling a boat for enviro	EnvOth
2019	Summer	2019-06-30	914	715245	7:40:00	8:45:00	1.08	CrewChg	CC and sling for Drone at GOT	ExploDron
2019	Summer	2019-06-30	914	715245	15:55:00	16:40:00	0.75	PaxLoc	Pick up prospecting	ProspMap
2019	Summer	2019-06-30	914	715245	7:40:00	8:45:00	1.08	PaxLoc	CC prospecting team	ProspMap
2019	Summer	2019-07-01	916	715246	6:10:00	6:36:00	0.43	CrewChg	Cc and geo ride to D2	DrillExplo
2019	Summer	2019-07-01	916	715246	18:08:00	19:10:00	1.03	CrewChg	CC and DS 2 sling at D2	DrillExplo
2019	Summer	2019-07-01	916	715246	13:05:00	13:15:00	0.17	DrillServ	Amq-D2 tailgate	DrillExplo
2019	Summer	2019-07-01	916	715246	13:35:00	15:24:00	1.82	Move	Move D2 and bring crew to AMQ	DrillExplo
2019	Summer	2019-07-02	915	715247	17:12:00	17:47:00	0.58	Medevac	Medevac a construction worker	ConstCamp
2019	Summer	2019-07-02	915	715247	6:21:00	6:45:00	0.4	CrewChg	CC of D2	DrillExplo
2019	Summer	2019-07-02	915	715247	7:08:00	7:50:00	0.7	DrillServ	2 sling at D2	DrillExplo
2019	Summer	2019-07-02	915	715247	18:15:00	20:11:00	1.93	CrewChg	cc and 4 sling load (DS)	DrillExplo
2019	Summer	2019-07-02	915	715247	18:15:00	20:11:00	1.93	PaxLoc	pick up bird crew	EnvBird
2019	Summer	2019-07-02	915	715247	13:48:00	13:59:00	0.18	PaxLoc	Drop bird crew	EnvBird
2019	Summer	2019-07-02	915	715247	15:22:00	15:36:00	0.23	PaxLoc	Move bird crew	EnvBird
2019	Summer	2019-07-02	915	715247	17:48:00	18:05:00	0.28	PaxLoc	pick up drone crew at got	GeophVTM
2019	Summer	2019-07-02	915	715247	12:48:00	13:10:00	0.37	PaxLoc	Drop Dron team at GOT	GeophVTM
2019	Summer	2019-07-02	915	715247	7:53:00	8:15:00	0.37	PaxLoc	Drop prospecting Yuka	ProspMap
2019	Summer	2019-07-02	915	715247	16:12:00	17:06:00	0.9	PaxLoc	pick up prospecting at yuka	ProspMap
2019	Summer	2019-07-03	917	715248	6:48:00	7:45:00	0.95	DrillServ	NA	DrillExplo
2019	Summer	2019-07-03	917	715248	18:05:00	18:31:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-07-03	917	715248	9:40:00	10:45:00	1.08	Floor	NA	DrillExplo
2019	Summer	2019-07-03	917	715248	8:40:00	9:00:00	0.33	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-03	917	715248	6:12:00	6:38:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-07-03	917	715248	11:30:00	11:40:00	0.17	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-03	917	715248	11:56:00	12:49:00	0.88	LocSlng	NA	EnvWild
2019	Summer	2019-07-03	917	715248	17:39:00	18:00:00	0.35	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-03	917	715248	7:48:00	8:45:00	0.95	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-03	917	715248	11:56:00	12:49:00	0.88	LocSlng	NA	GeophVTM
2019	Summer	2019-07-03	917	715248	15:44:00	16:28:00	0.73	PaxLoc	NA	ProspMap
2019	Summer	2019-07-03	917	715248	7:48:00	8:45:00	0.95	PaxLoc	NA	ProspMap
2019	Summer	2019-07-04	918	715249	6:10:00	7:10:00	1	CrewChg	NA	DrillExplo
2019	Summer	2019-07-04	918	715249	17:38:00	18:56:00	1.3	CrewChg	NA	DrillExplo
2019	Summer	2019-07-04	918	715249	17:38:00	18:56:00	1.3	DrillServ	NA	DrillExplo
2019	Summer	2019-07-04	918	715249	13:02:00	13:43:00	0.68	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-04	918	715249	7:26:00	8:15:00	0.82	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-04	918	715249	15:40:00	16:10:00	0.5	PaxLoc	NA	EnvBird
2019	Summer	2019-07-04	918	715249	17:38:00	18:56:00	1.3	PaxLoc	NA	EnvBird
2019	Summer	2019-07-04	918	715249	12:03:00	12:17:00	0.23	PaxLoc	NA	EnvBird
2019	Summer	2019-07-04	918	715249	13:02:00	13:43:00	0.68	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-04	918	715249	17:38:00	18:56:00	1.3	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-04	918	715249	7:26:00	8:15:00	0.82	LocSlng	NA	GeophVTM
2019	Summer	2019-07-04	918	715249	6:10:00	7:10:00	1	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-04	918	715249	7:26:00	8:15:00	0.82	PaxLoc	NA	ProspMap
2019	Summer	2019-07-04	918	715249	15:40:00	16:10:00	0.5	PaxLoc	NA	ProspMap
2019	Summer	2019-07-05	919	46265	13:40:00	15:30:00	1.83	DrillServ	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	13:40:00	15:30:00	1.83	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	16:04:00	19:19:00	3.25	Move	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	16:04:00	19:19:00	3.25	CrewChg	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	10:26:00	12:34:00	2.13	DrillServ	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	6:23:00	7:59:00	1.6	Fuel	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	6:23:00	7:59:00	1.6	Core	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	16:04:00	19:19:00	3.25	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	6:23:00	7:59:00	1.6	CrewChg	NA	DrillExplo
2019	Summer	2019-07-05	919	46265	10:26:00	12:34:00	2.13	PaxLoc	NA	EnvWild
2019	Summer	2019-07-05	919	46265	16:04:00	19:19:00	3.25	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-05	919	46265	13:40:00	15:30:00	1.83	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-05	919	46265	6:23:00	7:59:00	1.6	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-05	919	46265	9:28:00	10:02:00	0.57	PaxLoc	NA	ProspMap
2019	Summer	2019-07-05	919	46265	13:40:00	15:30:00	1.83	PaxLoc	NA	ProspMap
2019	Summer	2019-07-06	920	46266	6:13:00	8:08:00	1.92	CrewChg	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	6:13:00	8:08:00	1.92	Fuel	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	9:15:00	13:58:00	4.72	DrillServ	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	9:15:00	13:58:00	4.72	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	6:13:00	8:08:00	1.92	Core	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	15:15:00	17:20:00	2.08	DrillServ	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	15:15:00	17:20:00	2.08	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	17:42:00	18:32:00	0.83	CrewChg	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	14:18:00	14:28:00	0.17	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	9:15:00	13:58:00	4.72	Floor	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	9:15:00	13:58:00	4.72	Move	NA	DrillExplo
2019	Summer	2019-07-06	920	46266	15:15:00	17:20:00	2.08	PaxLoc	NA	EnvBird
2019	Summer	2019-07-06	920	46266	9:15:00	13:58:00	4.72	PaxLoc	NA	EnvBird
2019	Summer	2019-07-06	920	46266	15:15:00	17:20:00	2.08	PaxLoc	NA	EnvWild
2019	Summer	2019-07-06	920	46266	6:13:00	8:08:00	1.92	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-06	920	46266	17:42:00	18:32:00	0.83	PaxLoc	NA	GeophVTM
2019	Summer	2019-07-06	920	46266	9:15:00	13:58:00	4.72	LocSlng	NA	GeophVTM
2019	Summer	2019-07-06	920	46266	15:15:00	17:20:00	2.08	PaxLoc	NA	ProspMap
2019	Summer	2019-07-06	920	46266	6:13:00	8:08:00	1.92	PaxLoc	NA	ProspMap
2019	Summer	2019-07-07	928	46267	6:28:00	7:52:00	1.4	DrillServ	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-07-07	928	46267	6:28:00	7:52:00	1.4	Floor	NA	DrillExplo
2019	Summer	2019-07-07	928	46267	18:24:00	18:52:00	0.47	CrewChg	NA	DrillExplo
2019	Summer	2019-07-07	928	46267	6:28:00	7:52:00	1.4	CrewChg	NA	DrillExplo
2019	Summer	2019-07-07	928	46267	15:52:00	17:24:00	1.53	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-07	928	46267	20:11:00	20:27:00	0.27	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-07	928	46267	9:00:00	9:19:00	0.32	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-07	928	46267	15:52:00	17:24:00	1.53	PaxLoc	NA	EnvWild
2019	Summer	2019-07-07	928	46267	9:43:00	10:59:00	1.27	LocSIng	NA	GeophVTEM
2019	Summer	2019-07-07	928	46267	6:28:00	7:52:00	1.4	PaxLoc	NA	GeophVTEM
2019	Summer	2019-07-07	928	46267	13:59:00	14:48:00	0.82	LocSIng	NA	GeophVTEM
2019	Summer	2019-07-07	928	46267	9:43:00	10:59:00	1.27	PaxLoc	NA	GeophVTEM
2019	Summer	2019-07-07	928	46267	9:43:00	10:59:00	1.27	LocSIng	NA	Mines
2019	Summer	2019-07-07	928	46267	15:52:00	17:24:00	1.53	PaxLoc	NA	ProspMap
2019	Summer	2019-07-07	928	46267	9:43:00	10:59:00	1.27	PaxLoc	NA	ProspMap
2019	Summer	2019-07-08	929	46268	20:08:00	20:25:00	0.28	CrewChg	NA	DrillExplo
2019	Summer	2019-07-08	929	46268	15:00:00	16:28:00	1.47	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-08	929	46268	6:28:00	7:53:00	1.42	DrillServ	NA	DrillExplo
2019	Summer	2019-07-08	929	46268	6:28:00	7:53:00	1.42	CrewChg	NA	DrillExplo
2019	Summer	2019-07-08	929	46268	6:28:00	7:53:00	1.42	Fuel	NA	DrillExplo
2019	Summer	2019-07-08	929	46268	6:28:00	7:53:00	1.42	Core	NA	DrillExplo
2019	Summer	2019-07-08	929	46268	11:12:00	13:13:00	2.02	PaxLoc	NA	ExploStak
2019	Summer	2019-07-08	929	46268	15:00:00	16:28:00	1.47	PaxLoc	NA	Mines
2019	Summer	2019-07-08	929	46268	17:09:00	17:19:00	0.17	PaxLoc	NA	Mines
2019	Summer	2019-07-08	929	46268	17:40:00	18:21:00	0.68	PaxLoc	NA	Mines
2019	Summer	2019-07-09	930	46269	10:34:00	11:57:00	1.38	DrillServ	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	10:34:00	11:57:00	1.38	CrewChg	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	10:34:00	11:57:00	1.38	Fuel	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	15:40:00	16:51:00	1.18	DrillServ	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	18:15:00	18:36:00	0.35	CrewChg	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	10:34:00	11:57:00	1.38	Core	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	13:28:00	13:51:00	0.38	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-09	930	46269	15:40:00	16:51:00	1.18	PaxLoc	NA	EnvBird
2019	Summer	2019-07-09	930	46269	12:42:00	12:52:00	0.17	PaxLoc	NA	EnvBird
2019	Summer	2019-07-09	930	46269	17:28:00	17:41:00	0.22	PaxLoc	NA	EnvBird
2019	Summer	2019-07-09	930	46269	14:26:00	14:42:00	0.27	PaxLoc	NA	EnvOth
2019	Summer	2019-07-09	930	46269	15:07:00	15:23:00	0.27	PaxLoc	NA	EnvWild
2019	Summer	2019-07-09	930	46269	15:40:00	16:51:00	1.18	PaxLoc	NA	ProspMap
2019	Summer	2019-07-10	934	46270	10:37:00	11:21:00	0.73	DrillServ	NA	DrillExplo
2019	Summer	2019-07-10	934	46270	18:25:00	18:46:00	0.35	CrewChg	NA	DrillExplo
2019	Summer	2019-07-10	934	46270	9:20:00	9:50:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-07-10	934	46270	10:37:00	11:21:00	0.73	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-10	934	46270	11:50:00	12:19:00	0.48	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-10	934	46270	15:17:00	16:58:00	1.68	PaxLoc	NA	EnvBird
2019	Summer	2019-07-10	934	46270	12:25:00	12:55:00	0.5	PaxLoc	NA	EnvBird
2019	Summer	2019-07-10	934	46270	10:37:00	11:21:00	0.73	PaxLoc	NA	EnvBird
2019	Summer	2019-07-10	934	46270	18:25:00	18:46:00	0.35	PaxLoc	NA	EnvBird
2019	Summer	2019-07-10	934	46270	15:17:00	16:58:00	1.68	LocSIng	NA	Mines
2019	Summer	2019-07-10	934	46270	17:33:00	18:07:00	0.57	GenSIng	NA	Mines
2019	Summer	2019-07-10	934	46270	12:25:00	12:55:00	0.5	LocSIng	NA	Mines
2019	Summer	2019-07-10	934	46270	11:50:00	12:19:00	0.48	LocSIng	NA	Mines
2019	Summer	2019-07-10	934	46270	14:57:00	14:45:00	0.2	PaxLoc	NA	ProspMap
2019	Summer	2019-07-10	934	46270	13:57:00	14:02:00	0.08	PaxLoc	NA	ProspMap
2019	Summer	2019-07-10	934	46270	15:17:00	16:58:00	1.68	PaxLoc	NA	ProspMap
2019	Summer	2019-07-10	934	46270	13:27:00	13:44:00	0.28	PaxLoc	NA	ProspMap
2019	Summer	2019-07-11	935	46271	6:59:00	9:30:00	2.52	Move	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	6:18:00	6:29:00	0.18	CrewChg	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	6:59:00	9:30:00	2.52	DrillServ	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	14:58:00	16:21:00	1.38	DrillServ	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	18:13:00	18:42:00	0.48	CrewChg	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	14:36:00	14:50:00	0.23	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	14:58:00	16:21:00	1.38	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	6:59:00	9:30:00	2.52	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-11	935	46271	17:17:00	17:28:00	0.18	GenSIng	NA	EnvHydr
2019	Summer	2019-07-11	935	46271	14:58:00	16:21:00	1.38	PaxLoc	NA	ProspMap
2019	Summer	2019-07-11	935	46271	6:59:00	9:30:00	2.52	PaxLoc	NA	ProspMap
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	DrillServ	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	Core	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	18:05:00	18:28:00	0.38	CrewChg	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	14:04:00	16:07:00	2.05	DrillServ	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	Fuel	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	6:11:00	6:37:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-07-12	936	46272	14:04:00	16:07:00	2.05	PaxLoc	NA	EnvBird
2019	Summer	2019-07-12	936	46272	7:25:00	7:35:00	0.17	PaxLoc	NA	EnvBird
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	PaxLoc	NA	EnvBird
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-12	936	46272	17:06:00	17:29:00	0.38	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-12	936	46272	14:04:00	16:07:00	2.05	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-12	936	46272	14:04:00	16:07:00	2.05	PaxLoc	NA	ProspMap
2019	Summer	2019-07-12	936	46272	17:06:00	17:29:00	0.38	PaxLoc	NA	Study
2019	Summer	2019-07-12	936	46272	14:04:00	16:07:00	2.05	PaxLoc	NA	Study
2019	Summer	2019-07-12	936	46272	8:45:00	12:21:00	3.6	PaxLoc	NA	Study
2019	Summer	2019-07-13	939	46273	6:11:00	7:29:00	1.3	DrillServ	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	11:34:00	12:10:00	0.6	PaxLoc	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	14:07:00	18:08:00	4.02	DrillServ	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	14:07:00	18:08:00	4.02	CrewChg	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	6:11:00	7:29:00	1.3	Fuel	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	6:11:00	7:29:00	1.3	Core	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	6:11:00	7:29:00	1.3	CrewChg	NA	DrillExplo
2019	Summer	2019-07-13	939	46273	12:45:00	13:31:00	0.77	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-13	939	46273	14:07:00	18:08:00	4.02	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-13	939	46273	14:07:00	18:08:00	4.02	PaxLoc	NA	ProspMap
2019	Summer	2019-07-13	939	46273	8:15:00	8:54:00	0.65	PaxLoc	NA	ProspMap
2019	Summer	2019-07-13	939	46273	11:34:00	12:10:00	0.6	PaxLoc	NA	Study
2019	Summer	2019-07-13	939	46273	14:07:00	18:08:00	4.02	PaxLoc	NA	Study
2019	Summer	2019-07-13	939	46273	12:45:00	13:31:00	0.77	PaxLoc	NA	Study
2019	Summer	2019-07-13	939	46273	10:40:00	10:54:00	0.23	PaxLoc	NA	Study
2019	Summer	2019-07-13	939	46273	8:15:00	8:54:00	0.65	PaxLoc	NA	Study
2019	Summer	2019-07-13	939	46273	9:25:00	9:45:00	0.33	PaxLoc	NA	Study
2019	Summer	2019-07-14	941	46274	6:29:00	8:04:00	1.58	DrillServ	NA	DrillExplo
2019	Summer	2019-07-14	941	46274	6:29:00	8:04:00	1.58	Core	NA	DrillExplo
2019	Summer	2019-07-14	941	46274	11:59:00	12:13:00	0.23	PaxLoc	NA	EnvBird
2019	Summer	2019-07-14	941	46274	18:28:00	18:39:00	0.18	PaxLoc	NA	EnvBird
2019	Summer	2019-07-14	941	46274	14:58:00	15:14:00	0.27	PaxLoc	NA	EnvBird

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-07-14	941	46274	8:16:00	8:38:00	0.37	PaxLoc	NA	EnvBird
2019	Summer	2019-07-14	941	46274	15:32:00	15:54:00	0.37	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-14	941	46274	10:45:00	11:32:00	0.78	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-14	941	46274	8:16:00	8:38:00	0.37	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-14	941	46274	9:23:00	9:34:00	0.18	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-14	941	46274	13:03:00	14:25:00	1.37	PaxLoc	NA	EnvHydr
2019	Summer	2019-07-14	941	46274	6:29:00	8:04:00	1.58	PaxLoc	NA	Study
2019	Summer	2019-07-14	941	46274	13:03:00	14:25:00	1.37	PaxLoc	NA	Study
2019	Summer	2019-07-14	941	46274	17:21:00	17:39:00	0.3	PaxLoc	NA	Study
2019	Summer	2019-07-14	941	46274	15:32:00	15:54:00	0.37	PaxLoc	NA	Study
2019	Summer	2019-07-15	942	46275	11:36:00	13:11:00	1.58	Floor	Start move floor for D10	DrillExplo
2019	Summer	2019-07-15	942	46275	10:56:00	11:12:00	0.27	PaxLoc	Nico+Steeve and drillers	DrillExplo
2019	Summer	2019-07-15	942	46275	9:40:00	10:01:00	0.35	Pax	Nico+Steeve and Medevac	DrillExplo
2019	Summer	2019-07-15	942	46275	13:38:00	14:30:00	0.87	Move	Drill move D10	DrillExplo
2019	Summer	2019-07-15	942	46275	14:39:00	15:51:00	1.2	Pax	steeve and choper return to AMQ to pack choper for MBK	DrillExplo
2019	Summer	2019-07-15	942	46275	18:24:00	18:46:00	0.37	Pax	mob chopper at MBK for drilling	DrillExplo
2019	Summer	2019-07-15	942	46275	11:36:00	13:11:00	1.58	Move	start drill move D10	DrillExplo
2019	Summer	2019-07-15	942	46275	14:39:00	15:51:00	1.2	PaxLoc	go back mbk Nico+drillers	DrillExplo
2019	Summer	2019-07-15	942	46275	6:55:00	7:09:00	0.23	PaxLoc	Bird crew	EnvBird
2019	Summer	2019-07-15	942	46275	14:39:00	15:51:00	1.2	PaxLoc	bird crew go back to camp	EnvBird
2019	Summer	2019-07-15	942	46275	11:36:00	13:11:00	1.58	PaxLoc	Steeve+Nico move on Jim zone	ProspMap
2019	Summer	2019-07-15	942	46275	9:04:00	9:23:00	0.32	PaxLoc	prospection team on t-rex meadowriver	ProspMap
2019	Summer	2019-07-15	942	46275	14:39:00	15:51:00	1.2	PaxLoc	prospection team pick up at t-rex amq	ProspMap
2019	Summer	2019-07-15	942	46275	6:22:00	6:38:00	0.27	PaxLoc	student till	Study
2019	Summer	2019-07-16	943	46276	17:01:00	17:22:00	0.35	Pax	Dominique G and Guillaume G come back MBK	ConstOth
2019	Summer	2019-07-16	943	46276	10:55:00	11:48:00	0.88	Pax	Dominique Girard +Guillaume Gemme	ConstOth
2019	Summer	2019-07-16	943	46276	13:14:00	15:39:00	2.42	Floor	second floor ready D10	DrillExplo
2019	Summer	2019-07-16	943	46276	6:05:00	10:18:00	4.22	PaxLoc	michael Ross at RON	DrillExplo
2019	Summer	2019-07-16	943	46276	6:05:00	10:18:00	4.22	Move	D10	DrillExplo
2019	Summer	2019-07-16	943	46276	6:05:00	10:18:00	4.22	CrewChg	drillers at D10	DrillExplo
2019	Summer	2019-07-16	943	46276	13:14:00	15:39:00	2.42	Move	finish DM D10	DrillExplo
2019	Summer	2019-07-16	943	46276	13:14:00	15:39:00	2.42	PaxLoc	Michael Ross at RON go and back	DrillExplo
2019	Summer	2019-07-16	943	46276	17:53:00	18:17:00	0.4	CrewChg	crew change	DrillExplo
2019	Summer	2019-07-16	943	46276	10:55:00	11:48:00	0.88	Pax	prospection team on JIM (Tarraq)	ProspMap
2019	Summer	2019-07-16	943	46276	15:59:00	16:39:00	0.67	Pax	prospection team go back to amq	ProspMap
2019	Summer	2019-07-16	943	46276	13:14:00	15:39:00	2.42	PaxLoc	transfer Steeve and Nico JIM to Hippo	ProspMap
2019	Summer	2019-07-16	943	46276	15:59:00	16:39:00	0.67	PaxLoc	student till	Study
2019	Summer	2019-07-17	945	46277	15:55:00	16:54:00	0.98	DrillServ	D10	DrillExplo
2019	Summer	2019-07-17	945	46277	8:33:00	8:43:00	0.17	PaxLoc	Michael and Nicolas	DrillExplo
2019	Summer	2019-07-17	945	46277	9:07:00	9:37:00	0.5	PaxLoc	go to RON spill	DrillExplo
2019	Summer	2019-07-17	945	46277	9:07:00	9:37:00	0.5	DrillServ	D10	DrillExplo
2019	Summer	2019-07-17	945	46277	10:16:00	10:40:00	0.4	PaxLoc	Michael+Nico come back to mbk	DrillExplo
2019	Summer	2019-07-17	945	46277	14:25:00	15:36:00	1.18	DrillServ	D10	DrillExplo
2019	Summer	2019-07-17	945	46277	6:04:00	6:55:00	0.85	CrewChg	drillers CC	DrillExplo
2019	Summer	2019-07-17	945	46277	11:26:00	11:47:00	0.35	PaxLoc	Michael ?	DrillExplo
2019	Summer	2019-07-17	945	46277	14:25:00	15:36:00	1.18	Core	NA	DrillExplo
2019	Summer	2019-07-17	945	46277	6:04:00	6:55:00	0.85	Core	NA	DrillExplo
2019	Summer	2019-07-17	945	46277	15:55:00	16:54:00	0.98	PaxLoc	go shovel the spill	DrillExplo
2019	Summer	2019-07-17	945	46277	17:31:00	18:13:00	0.7	PaxLoc	go back to camp from RON	DrillExplo
2019	Summer	2019-07-17	945	46277	14:25:00	15:36:00	1.18	Fuel	D10	DrillExplo
2019	Summer	2019-07-17	945	46277	17:31:00	18:13:00	0.7	CrewChg	cc D10	DrillExplo
2019	Summer	2019-07-17	945	46277	12:47:00	13:47:00	1	PaxLoc	bird crew pick up all gear	EnvBird
2019	Summer	2019-07-17	945	46277	12:47:00	13:47:00	1	Pax	passenger rush to AMQ	GeotOth
2019	Summer	2019-07-18	946	46278	13:55:00	14:43:00	0.8	DrillServ	D10	DrillExplo
2019	Summer	2019-07-18	946	46278	15:03:00	17:38:00	2.58	Floor	start to move floor to tarraq (cancel at night)	DrillExplo
2019	Summer	2019-07-18	946	46278	9:20:00	10:42:00	1.37	PaxLoc	stop and inspection drill	DrillExplo
2019	Summer	2019-07-18	946	46278	5:58:00	6:48:00	0.83	Core	core run D10	DrillExplo
2019	Summer	2019-07-18	946	46278	5:58:00	6:48:00	0.83	CrewChg	cc D10	DrillExplo
2019	Summer	2019-07-18	946	46278	17:56:00	18:18:00	0.37	CrewChg	cc D10	DrillExplo
2019	Summer	2019-07-18	946	46278	15:03:00	17:38:00	2.58	PaxLoc	move michael next target	DrillExplo
2019	Summer	2019-07-18	946	46278	11:05:00	11:45:00	0.67	PaxLoc	go to RON change mating and come back to mbk	DrillExplo
2019	Summer	2019-07-18	946	46278	15:03:00	17:38:00	2.58	Move	D10	DrillExplo
2019	Summer	2019-07-18	951	359913	8:18:00	8:28:00	0.17	LocSIng	Sling for BB rig.	DrillExplo
2019	Summer	2019-07-18	946	46278	13:55:00	14:43:00	0.8	Core	before move	DrillExplo
2019	Summer	2019-07-18	946	46278	13:55:00	14:43:00	0.8	PaxLoc	Michael for drill move	DrillExplo
2019	Summer	2019-07-18	946	46278	7:28:00	8:28:00	1	Pax	Pierre GL and all prospection materials	ProspMap
2019	Summer	2019-07-18	946	46278	9:20:00	10:42:00	1.37	Pax	come back form Parker	ProspMap
2019	Summer	2019-07-18	951	359913	16:54:00	17:32:00	0.63	PaxLoc	2 prospector+Gear and 3 drillers	ProspMap

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-07-18	951	359913	6:52:00	7:38:00	0.77	PaxLoc	Prospecting crew and 3 driller for the BB rig	ProspMap
2019	Summer	2019-07-19	947	46279	13:27:00	17:24:00	3.95	PaxLoc	before and after move	DrillExplo
2019	Summer	2019-07-19	947	46279	5:59:00	6:48:00	0.82	CrewChg	cc D10	DrillExplo
2019	Summer	2019-07-19	947	46279	8:35:00	9:13:00	0.63	PaxLoc	Nico+Simon: inspection stop hole	DrillExplo
2019	Summer	2019-07-19	947	46279	9:28:00	10:04:00	0.6	PaxLoc	Nico Simon come back to meadow	DrillExplo
2019	Summer	2019-07-19	947	46279	13:27:00	17:24:00	3.95	CrewChg	come back with drillers	DrillExplo
2019	Summer	2019-07-19	947	46279	5:59:00	6:48:00	0.82	Core	CR D10	DrillExplo
2019	Summer	2019-07-19	947	46279	13:27:00	17:24:00	3.95	Move	demob drill D10	DrillExplo
2019	Summer	2019-07-19	947	46279	9:28:00	10:04:00	0.6	Pax	come back to mbk 4 passengers	GeotOth
2019	Summer	2019-07-19	947	46279	8:35:00	9:13:00	0.63	Pax	got to AMQ to pick up geotech guys	GeotOth
2019	Summer	2019-07-20	948	46280	6:11:00	12:00:00	5.82	PaxLoc	bring guys at D10	DrillExplo
2019	Summer	2019-07-20	948	46280	6:11:00	12:00:00	5.82	Move	demob D10	DrillExplo
2019	Summer	2019-07-20	948	46280	16:56:00	17:40:00	0.73	LocSIng	sling quatrex back to mbk	DrillExplo
2019	Summer	2019-07-20	948	46280	16:56:00	17:40:00	0.73	PaxLoc	everybody back to mbk	DrillExplo
2019	Summer	2019-07-20	948	46280	13:16:00	16:38:00	3.37	PaxLoc	D10 and RON (spill)	DrillExplo
2019	Summer	2019-07-20	948	46280	13:16:00	16:38:00	3.37	Move	Demob D10	DrillExplo
2019	Summer	2019-07-21	954	46281	7:35:00	7:57:00	0.37	Pax	Mob to AMQ	DrillExplo
2019	Summer	2019-07-21	954	46281	9:19:00	9:35:00	0.27	PaxLoc	Jacques P + Stephane S + etudiants till	DrillExplo
2019	Summer	2019-07-21	954	46281	9:51:00	10:01:00	0.17	PaxLoc	Jacques P + Stephane S	DrillExplo
2019	Summer	2019-07-21	954	46281	14:45:00	14:51:00	0.1	PaxLoc	Microphone - Enviro crew	EnvWild
2019	Summer	2019-07-21	954	46281	15:15:00	15:53:00	0.63	PaxLoc	Enviro crew - Microphone	EnvWild
2019	Summer	2019-07-21	954	46281	12:13:00	12:24:00	0.18	PaxLoc	Etudiants till	Study
2019	Summer	2019-07-24	961	46284	13:52:00	14:22:00	0.5	PaxLoc	Simon Gosselin for cleanup.	DrillExplo
2019	Summer	2019-07-24	961	46284	16:01:00	16:53:00	0.87	PaxLoc	For Cleanup Spill drill MBK	DrillExplo
2019	Summer	2019-07-24	961	46284	14:30:00	15:42:00	1.2	PaxLoc	To clean spill drill MBK.	DrillExplo
2019	Summer	2019-07-24	961	46284	9:44:00	9:50:00	0.1	PaxLoc	Environ for Microphone	EnvOth
2019	Summer	2019-07-24	961	46284	9:58:00	10:03:00	0.08	PaxLoc	Environ for Microphone	EnvOth
2019	Summer	2019-07-24	961	46284	16:01:00	16:53:00	0.87	PaxLoc	Enviro	EnvOth
2019	Summer	2019-07-24	961	46284	13:30:00	13:46:00	0.27	PaxLoc	Enviro	EnvWild
2019	Summer	2019-07-24	961	46284	10:46:00	11:00:00	0.23	PaxLoc	E+I	Mines
2019	Summer	2019-07-26	1017	257391	9:11:00	9:30:00	0.32	Medevac	Go back to AMQ after MEDEVAC	Camp
2019	Summer	2019-07-26	1017	257391	8:29:00	8:49:00	0.33	Medevac	MEDEVAC	Camp
2019	Summer	2019-07-26	1017	257391	14:50:00	14:58:00	0.13	PaxLoc	Pax Local for environment	EnvHydr
2019	Summer	2019-07-26	1017	257391	14:22:00	14:31:00	0.15	PaxLoc	Pax Local for Environment.	EnvHydr
2019	Summer	2019-07-28	1019	257393	12:56:00	13:14:00	0.3	PaxLoc	Pax Local for environment (Pipe Lake)	EnvHydr
2019	Summer	2019-07-28	1019	257393	15:11:00	15:37:00	0.43	PaxLoc	Pax Local for environment (Noise Station)	EnvHydr
2019	Summer	2019-07-29	964	257394	12:32:00	12:52:00	0.33	PaxLoc	Demande Serge Racicot	ConstCamp
2019	Summer	2019-07-29	964	257394	11:45:00	12:02:00	0.28	PaxLoc	Demande Serge Racicot	ConstCamp
2019	Summer	2019-07-29	964	257394	15:54:00	16:10:00	0.27	PaxLoc	Cremp inug to AMQ - Kevin, alice, louis	EnvWild
2019	Summer	2019-07-29	964	257394	14:06:00	14:23:00	0.28	PaxLoc	R7 to C20 inug to cremp inug - Kevin, alice, louis	EnvWild
2019	Summer	2019-07-29	964	257394	13:29:00	13:45:00	0.27	PaxLoc	AMQ to R7 - Kevin, alice, louis	EnvWild
2019	Summer	2019-07-30	971	257395	10:23:00	10:52:00	0.48	PaxLoc	PL corpo Dale Danielle and Cole	ConstCamp
2019	Summer	2019-07-30	971	257395	15:14:00	15:23:00	0.15	PaxLoc	PL arpenteur	ConstCamp
2019	Summer	2019-07-30	971	257395	14:32:00	14:38:00	0.1	PaxLoc	PL arpenteur	ConstCamp
2019	Summer	2019-07-30	971	257395	13:22:00	13:31:00	0.15	PaxLoc	PL Arpenteur	ConstCamp
2019	Summer	2019-07-30	971	257395	15:48:00	16:43:00	0.92	PaxLoc	PL environnement	EnvOth
2019	Summer	2019-07-31	972	257396	10:35:00	11:17:00	0.7	Ferry	Ferry to Meliadine	DrillExplo
2019	Summer	2019-07-31	972	257396	9:45:00	10:07:00	0.37	Ferry	Ferry to MEL	DrillExplo
2019	Summer	2019-07-31	972	257396	11:24:00	12:22:00	0.97	Ferry	Ferry to Meliadine	DrillExplo
2019	Summer	2019-07-31	972	257396	8:00:00	8:14:00	0.23	PaxLoc	PL environment	EnvOth
2019	Summer	2019-07-31	972	257396	8:29:00	8:43:00	0.23	PaxLoc	PL Enviro	EnvOth
2019	Summer	2019-08-10	975	621231	8:40:00	10:30:00	1.83	Ferry	Mob from MEL to AMQ	DrillExplo
2019	Summer	2019-08-10	975	621231	16:50:00	17:50:00	1	PaxLoc	Amaruq local	EnvHydr
2019	Summer	2019-08-10	975	621231	14:52:00	15:47:00	0.92	PaxLoc	Lac A8 to WT Pit	EnvHydr
2019	Summer	2019-08-10	975	621231	14:52:00	15:47:00	0.92	LocSIng	Lac A8 to WT Pit	EnvHydr
2019	Summer	2019-08-10	975	621231	16:01:00	16:31:00	0.5	PaxLoc	WT Pit to AMQ	EnvHydr
2019	Summer	2019-08-10	975	621231	14:13:00	14:21:00	0.13	PaxLoc	Env. crew to lac A8	EnvHydr
2019	Summer	2019-08-10	975	621231	16:01:00	16:31:00	0.5	LocSIng	WT Pit to AMQ	EnvHydr
2019	Summer	2019-08-10	975	621231	18:05:00	18:55:00	0.83	Pax	Px and road survey	EnvOth
2019	Summer	2019-08-11	976	621232	8:32:00	8:54:00	0.37	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-11	976	621232	17:17:00	18:09:00	0.87	PaxLoc	Sample site to AMQ	EnvHydr
2019	Summer	2019-08-11	976	621232	17:17:00	18:09:00	0.87	LocSIng	Sample site to AMQ	EnvHydr
2019	Summer	2019-08-11	976	621232	16:48:00	17:04:00	0.27	PaxLoc	AMQ to Sample site	EnvHydr
2019	Summer	2019-08-12	977	621233	13:45:00	13:52:00	0.12	PaxLoc	micro to AMQ	EnvWild
2019	Summer	2019-08-12	977	621233	13:23:00	13:32:00	0.15	PaxLoc	AMQ to micro	EnvWild
2019	Summer	2019-08-13	978	621234	11:15:00	12:46:00	1.52	DrillServ	NA	DrillExplo
2019	Summer	2019-08-13	978	621234	18:51:00	19:16:00	0.42	CrewChg	NA	DrillExplo
2019	Summer	2019-08-13	978	621234	13:29:00	18:02:00	4.55	Fuel	NA	DrillExplo
2019	Summer	2019-08-13	978	621234	13:29:00	18:02:00	4.55	Move	NA	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-08-13	978	621234	11:15:00	12:46:00	1.52	PaxLoc	Bring geo et drilleurs to D2/GOT	DrillExplo
2019	Summer	2019-08-13	978	621234	8:35:00	11:04:00	2.48	DrillServ	Forages GOT	DrillExplo
2019	Summer	2019-08-13	978	621234	8:35:00	11:04:00	2.48	PaxLoc	Forages GOT	DrillExplo
2019	Summer	2019-08-13	978	621234	8:35:00	11:04:00	2.48	Floor	Forages GOT	DrillExplo
2019	Summer	2019-08-13	978	621234	13:29:00	18:02:00	4.55	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-14	1003	621235	9:29:00	9:41:00	0.2	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-14	1003	621235	6:18:00	6:52:00	0.57	CrewChg	NA	DrillExplo
2019	Summer	2019-08-14	1003	621235	18:14:00	18:48:00	0.57	CrewChg	NA	DrillExplo
2019	Summer	2019-08-14	1003	621235	8:20:00	8:35:00	0.25	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-14	1003	621235	11:33:00	12:05:00	0.53	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-14	1003	621235	13:02:00	13:31:00	0.48	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-14	1003	621235	15:20:00	16:15:00	0.92	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-14	1003	621235	15:20:00	16:15:00	0.92	PaxLoc	NA	ProspMap
2019	Summer	2019-08-14	1003	621235	13:02:00	13:31:00	0.48	PaxLoc	Drilling campaign prep.	ProspMap
2019	Summer	2019-08-15	1005	621236	8:25:00	8:39:00	0.23	PaxLoc	OGD H&S inspection	DrillExplo
2019	Summer	2019-08-15	1005	621236	6:14:00	6:44:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-08-15	1005	621236	17:40:00	18:33:00	0.88	DrillServ	NA	DrillExplo
2019	Summer	2019-08-15	1005	621236	7:29:00	7:46:00	0.28	PaxLoc	OGD H&S inspection	DrillExplo
2019	Summer	2019-08-15	1005	621236	16:27:00	17:14:00	0.78	DrillServ	NA	DrillExplo
2019	Summer	2019-08-15	1005	621236	14:26:00	16:13:00	1.78	DrillServ	NA	DrillExplo
2019	Summer	2019-08-15	1005	621236	17:40:00	18:33:00	0.88	CrewChg	NA	DrillExplo
2019	Summer	2019-08-15	1005	621236	10:12:00	11:16:00	1.07	LocSlng	Inug-A76	EnvHydr
2019	Summer	2019-08-15	1005	621236	10:12:00	11:16:00	1.07	PaxLoc	AMQ-Inug-A76-AMQ	EnvHydr
2019	Summer	2019-08-15	1005	621236	14:26:00	16:13:00	1.78	LocSlng	A76-A20	EnvHydr
2019	Summer	2019-08-15	1005	621236	14:26:00	16:13:00	1.78	PaxLoc	D2-Inug-A76-A20-AMQ	EnvHydr
2019	Summer	2019-08-16	1012	621237	6:15:00	7:41:00	1.43	CrewChg	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	11:47:00	12:15:00	0.47	DrillServ	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	18:08:00	18:34:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	13:52:00	15:28:00	1.6	DrillServ	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	13:52:00	15:28:00	1.6	LocSlng	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	9:30:00	10:45:00	1.25	LocSlng	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	6:15:00	7:41:00	1.43	DrillServ	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	6:15:00	7:41:00	1.43	Core	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	6:15:00	7:41:00	1.43	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	7:57:00	8:10:00	0.22	DrillServ	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	9:30:00	10:45:00	1.25	Fuel	NA	DrillExplo
2019	Summer	2019-08-16	1012	621237	17:10:00	17:20:00	0.17	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-16	1012	621237	13:52:00	15:28:00	1.6	LocSlng	NA	EnvHydr
2019	Summer	2019-08-16	1012	621237	13:52:00	15:28:00	1.6	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-16	1012	621237	9:30:00	10:45:00	1.25	PaxLoc	Lake A20 and Lake 5	EnvHydr
2019	Summer	2019-08-17	1013	621238	18:13:00	18:43:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-08-17	1013	621238	6:16:00	6:45:00	0.48	CrewChg	NA	DrillExplo
2019	Summer	2019-08-17	1013	621238	14:56:00	15:06:00	0.17	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-17	1013	621238	15:45:00	15:56:00	0.18	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-17	1013	621238	17:24:00	17:54:00	0.5	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-17	1013	621238	12:35:00	13:35:00	1	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-17	1013	621238	10:21:00	11:37:00	1.27	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-17	1013	621238	10:21:00	11:37:00	1.27	LocSlng	NA	EnvHydr
2019	Summer	2019-08-17	1013	621238	12:35:00	13:35:00	1	LocSlng	NA	EnvHydr
2019	Summer	2019-08-18	1014	621239	9:11:00	12:51:00	3.67	Floor	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	16:20:00	16:30:00	0.17	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	9:11:00	12:51:00	3.67	DrillServ	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	9:11:00	12:51:00	3.67	Fuel	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	9:11:00	12:51:00	3.67	LocSlng	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	6:23:00	6:53:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	16:59:00	18:51:00	1.87	CrewChg	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	9:11:00	12:51:00	3.67	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	16:59:00	18:51:00	1.87	Move	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	16:59:00	18:51:00	1.87	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-18	1014	621239	7:26:00	8:17:00	0.85	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-18	1014	621239	9:11:00	12:51:00	3.67	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-18	1014	621239	7:26:00	8:17:00	0.85	LocSlng	NA	EnvHydr
2019	Summer	2019-08-20	1015	669486	11:25:00	11:53:00	0.47	VIP	Get Denis V. at MBK to AMQ	DrillExplo
2019	Summer	2019-08-20	1015	669486	10:35:00	11:11:00	0.6	VIP	Local flight with investors	DrillExplo
2019	Summer	2019-08-20	1015	669486	6:46:00	7:13:00	0.45	VIP	Mobilization to AMQ for investor visit	DrillExplo
2019	Summer	2019-08-20	1024	621241	18:09:00	18:39:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-08-20	1024	621241	14:58:00	15:26:00	0.47	CrewChg	NA	DrillExplo
2019	Summer	2019-08-20	1024	621241	14:58:00	15:26:00	0.47	LocSlng	NA	DrillExplo
2019	Summer	2019-08-20	1015	669486	12:16:00	12:42:00	0.43	VIP	Get Denis V. to Amaruq	DrillExplo
2019	Summer	2019-08-20	1024	621241	6:46:00	7:09:00	0.38	PaxLoc	Px Corpo charged to Explo Amaruq	DrillExplo
2019	Summer	2019-08-20	1015	669486	17:25:00	17:52:00	0.45	VIP	Return to MBK for VIP (and get env. at Lake 1)	DrillExplo
2019	Summer	2019-08-20	1024	621241	16:25:00	17:01:00	0.6	PaxLoc	Enviro. Photos	EnvOth
2019	Summer	2019-08-21	1020	440978	19:10:00	19:48:00	0.63	VIP	VIP AMQ opening	DrillExplo
2019	Summer	2019-08-21	1025	621242	7:17:00	7:49:00	0.53	VIP	Charge to Amaruq Explo	DrillExplo
2019	Summer	2019-08-21	1020	440978	9:15:00	9:45:00	0.5	DrillServ	NA	DrillExplo
2019	Summer	2019-08-21	1020	440978	6:06:00	6:32:00	0.43	DrillServ	NA	DrillExplo
2019	Summer	2019-08-21	1020	440978	6:06:00	6:32:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-08-21	1020	440978	13:56:00	14:14:00	0.3	VIP	VIP AMQ opening	DrillExplo
2019	Summer	2019-08-21	1025	621242	17:28:00	18:27:00	0.98	VIP	Charge to Amaruq Explo, Denis and Guy return to AMQ	DrillExplo
2019	Summer	2019-08-21	1025	621242	6:46:00	7:04:00	0.3	VIP	Charge to Amaruq Explo	DrillExplo
2019	Summer	2019-08-21	1020	440978	10:28:00	11:12:00	0.73	VIP	VIP AMQ opening	DrillExplo
2019	Summer	2019-08-21	1025	621242	13:50:00	14:42:00	0.87	VIP	Charge to Amaruq Explo; VIP to WHL	DrillExplo
2019	Summer	2019-08-21	1025	621242	8:09:00	8:44:00	0.58	VIP	Charge to Amaruq Explo (VIP km50)	DrillExplo
2019	Summer	2019-08-21	1025	621242	6:03:00	6:26:00	0.38	CrewChg	NA	DrillExplo
2019	Summer	2019-08-21	1020	440978	18:00:00	18:34:00	0.57	VIP	VIP AMQ opening	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-08-21	1020	440978	9:15:00	9:45:00	0.5	Move	Floor on target PKL016	DrillExplo
2019	Summer	2019-08-22	1026	621243	6:00:00	6:50:00	0.83	CrewChg	NA	DrillExplo
2019	Summer	2019-08-22	1026	621243	6:00:00	6:50:00	0.83	Core	NA	DrillExplo
2019	Summer	2019-08-22	1026	621243	8:24:00	8:47:00	0.38	VIP	Charge to Amaruq Explo	DrillExplo
2019	Summer	2019-08-22	1026	621243	10:58:00	11:24:00	0.43	VIP	Charge to Amaruq Explo	DrillExplo
2019	Summer	2019-08-22	1026	621243	10:58:00	11:24:00	0.43	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-22	1026	621243	6:00:00	6:50:00	0.83	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-23	1032	734085	18:18:00	18:46:00	0.47	CrewChg	NA	DrillExplo
2019	Summer	2019-08-23	1032	734085	12:58:00	13:22:00	0.4	CrewChg	Pilot crew change	DrillExplo
2019	Summer	2019-08-23	1027	621244	7:26:00	9:19:00	1.88	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-23	1027	621244	6:40:00	6:53:00	0.22	CrewChg	NA	DrillExplo
2019	Summer	2019-08-23	1027	621244	7:26:00	9:19:00	1.88	Fuel	NA	DrillExplo
2019	Summer	2019-08-23	1027	621244	7:26:00	9:19:00	1.88	CrewChg	NA	DrillExplo
2019	Summer	2019-08-23	1027	621244	7:26:00	9:19:00	1.88	LocSIng	NA	DrillExplo
2019	Summer	2019-08-23	1027	621244	9:45:00	10:35:00	0.83	CrewChg	Pilot HTS crew change	DrillExplo
2019	Summer	2019-08-23	1027	621244	9:45:00	10:35:00	0.83	DrillServ	NA	DrillExplo
2019	Summer	2019-08-23	1027	621244	7:26:00	9:19:00	1.88	PaxLoc	NA	EnvHydr
2019	Summer	2019-08-23	1032	734085	15:14:00	15:39:00	0.42	PaxLoc	Prospection, GOT (Drogo area)	ProspMap
2019	Summer	2019-08-24	1033	734086	16:33:00	19:09:00	2.6	DrillServ	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	16:33:00	19:09:00	2.6	CrewChg	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	12:48:00	15:53:00	3.08	DrillServ	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	12:48:00	15:53:00	3.08	Move	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	12:48:00	15:53:00	3.08	Fuel	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	10:52:00	12:34:00	1.7	Core	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	10:52:00	12:34:00	1.7	Move	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	7:02:00	7:17:00	0.25	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	8:10:00	9:49:00	1.65	Floor	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	8:10:00	9:49:00	1.65	Move	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	10:03:00	10:18:00	0.25	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	10:52:00	12:34:00	1.7	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	6:22:00	6:47:00	0.42	CrewChg	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	12:48:00	15:53:00	3.08	PaxLoc	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	8:10:00	9:49:00	1.65	DrillServ	NA	DrillExplo
2019	Summer	2019-08-24	1033	734086	16:33:00	19:09:00	2.6	PaxLoc	1.8h STAKING GOT (1.6 written on invoice)	ExploStak
2019	Summer	2019-08-25	1034	734087	6:15:00	6:41:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-08-25	1034	734087	17:30:00	18:38:00	1.13	CrewChg	Crew change D2	DrillExplo
2019	Summer	2019-08-25	1034	734087	10:54:00	11:06:00	0.2	PaxLoc	Rémi + Gab in the field	DrillExplo
2019	Summer	2019-08-25	1034	734087	11:32:00	11:41:00	0.15	PaxLoc	Drop in GOT from D2	DrillExplo
2019	Summer	2019-08-25	1034	734087	12:09:00	12:21:00	0.2	PaxLoc	Back to Amq from GOT	DrillExplo
2019	Summer	2019-08-25	1034	734087	17:30:00	18:38:00	1.13	Core	D2 core run	DrillExplo
2019	Summer	2019-08-25	1034	734087	8:10:00	8:40:00	0.5	PaxLoc	passagers enviro MBK	EnvFish
2019	Summer	2019-08-25	1034	734087	7:36:00	7:47:00	0.18	PaxLoc	fish crew in the field	EnvFish
2019	Summer	2019-08-25	1034	734087	8:10:00	8:40:00	0.5	LocSIng	load for enviro	EnvFish
2019	Summer	2019-08-25	1034	734087	13:34:00	14:16:00	0.7	LocSIng	Sling for enviro	EnvFish
2019	Summer	2019-08-25	1034	734087	13:19:00	13:24:00	0.08	PaxLoc	Went to meet Cam in field	EnvFish
2019	Summer	2019-08-25	1034	734087	13:34:00	14:16:00	0.7	PaxLoc	Passagers for enviro	EnvFish
2019	Summer	2019-08-25	1034	734087	16:59:00	17:17:00	0.3	VIP	From Amq road to meadow with VIP	Mines
2019	Summer	2019-08-25	1034	734087	17:30:00	18:38:00	1.13	VIP	Bring VIP to AMQ from MBK	Mines
2019	Summer	2019-08-25	1034	734087	16:26:00	16:35:00	0.15	VIP	VIP stop on road?	Mines
2019	Summer	2019-08-25	1034	734087	14:54:00	15:23:00	0.48	VIP	VIP from AMQ to MBK	Mines
2019	Summer	2019-08-25	1034	734087	13:34:00	14:16:00	0.7	VIP	6 VIP AMQ to MBK	Mines
2019	Summer	2019-08-26	1041	734088	17:37:00	18:00:00	0.38	LocSIng	Sling stuff for Site Services	Camp
2019	Summer	2019-08-26	1041	734088	8:18:00	9:23:00	1.08	Move	Drill move on -008	DrillExplo
2019	Summer	2019-08-26	1041	734088	7:00:00	7:51:00	0.85	PaxLoc	bring geo and floor man at GOT	DrillExplo
2019	Summer	2019-08-26	1041	734088	7:00:00	7:51:00	0.85	Floor	Move floor to hole - 008	DrillExplo
2019	Summer	2019-08-26	1041	734088	18:17:00	19:11:00	0.9	CrewChg	Crew change D2 + Janine back	DrillExplo
2019	Summer	2019-08-26	1041	734088	13:29:00	13:38:00	0.15	PaxLoc	Bring back move guys	DrillExplo
2019	Summer	2019-08-26	1041	734088	18:17:00	19:11:00	0.9	DrillServ	NA	DrillExplo
2019	Summer	2019-08-26	1041	734088	11:19:00	13:02:00	1.72	Fuel	NA	DrillExplo
2019	Summer	2019-08-26	1041	734088	9:32:00	11:08:00	1.6	Move	Move on -008	DrillExplo
2019	Summer	2019-08-26	1041	734088	8:18:00	9:23:00	1.08	Fuel	NA	DrillExplo
2019	Summer	2019-08-26	1041	734088	11:19:00	13:02:00	1.72	Move	Move on -008	DrillExplo
2019	Summer	2019-08-26	1041	734088	9:32:00	11:08:00	1.6	Fuel	NA	DrillExplo
2019	Summer	2019-08-26	1041	734088	14:51:00	16:26:00	1.58	PaxLoc	Janine to D2 + stacking GOT	ExploStak
2019	Summer	2019-08-26	1041	734088	17:08:00	17:25:00	0.28	PaxLoc	Bring back Security to MBK	Mines
2019	Summer	2019-08-26	1041	734088	13:45:00	14:02:00	0.28	PaxLoc	GO to MBK to get the security agent	Mines
2019	Summer	2019-08-26	1041	734088	14:22:00	14:42:00	0.33	PaxLoc	Bring security agent to Amq	Mines
2019	Summer	2019-08-27	1042	734089	13:34:00	14:03:00	0.48	LocSIng	Sling a tower to conversion drill	DrillConv
2019	Summer	2019-08-27	1042	734089	13:34:00	14:03:00	0.48	PaxLoc	Move Roger to Quarry -6	DrillConv
2019	Summer	2019-08-27	1042	734089	6:18:00	7:47:00	1.48	DrillServ	Servicing ddh-008	DrillExplo
2019	Summer	2019-08-27	1042	734089	11:50:00	12:23:00	0.55	PaxLoc	Take people back to D2 and AMQ	DrillExplo
2019	Summer	2019-08-27	1042	734089	17:39:00	18:15:00	0.6	CrewChg	Crew change D2	DrillExplo
2019	Summer	2019-08-27	1042	734089	14:42:00	15:35:00	0.88	PaxLoc	Eve + Gab to GOT	DrillExplo
2019	Summer	2019-08-27	1042	734089	9:52:00	11:43:00	1.85	PaxLoc	Move staff to other site	DrillExplo
2019	Summer	2019-08-27	1042	734089	6:18:00	7:47:00	1.48	Core	Core ddh-008	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportI D	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-08-27	1042	734089	9:52:00	11:43:00	1.85	Floor	Move floor to Silver showing area	DrillExplo
2019	Summer	2019-08-27	1042	734089	9:26:00	9:38:00	0.2	PaxLoc	Bring move team to DDH-008	DrillExplo
2019	Summer	2019-08-27	1042	734089	6:18:00	7:47:00	1.48	CrewChg	Crew change ddh-008	DrillExplo
2019	Summer	2019-08-27	1042	734089	14:42:00	15:35:00	0.88	PaxLoc	Cam and william for fish to local AMQ	EnvWild
2019	Summer	2019-08-27	1042	734089	6:18:00	7:47:00	1.48	VIP	GO get VIP at MBK	Mines
2019	Summer	2019-08-27	1042	734089	17:10:00	17:30:00	0.33	PaxLoc	Bring 6 VIP back to MBK	Mines
2019	Summer	2019-08-27	1042	734089	8:14:00	8:33:00	0.32	VIP	6x VIP MBK to AMQ	Mines
2019	Summer	2019-08-27	1042	734089	17:39:00	18:15:00	0.6	PaxLoc	Come back from MBK empty - VIP	Mines
2019	Summer	2019-08-28	1043	734090	9:59:00	11:48:00	1.82	DrillServ	Bring stuff to D2	DrillExplo
2019	Summer	2019-08-28	1043	734090	7:30:00	9:13:00	1.72	Move	Start drill move to DDH-09	DrillExplo
2019	Summer	2019-08-28	1043	734090	7:30:00	9:13:00	1.72	PaxLoc	Bring Drill move crew to D2	DrillExplo
2019	Summer	2019-08-28	1043	734090	6:33:00	6:45:00	0.2	CrewChg	CC D2	DrillExplo
2019	Summer	2019-08-28	1043	734090	12:10:00	13:47:00	1.62	DrillServ	Bring stuff to D2	DrillExplo
2019	Summer	2019-08-28	1043	734090	9:59:00	11:48:00	1.82	Move	Drill move to Silver showing DDH-009	DrillExplo
2019	Summer	2019-08-28	1043	734090	7:30:00	9:13:00	1.72	Core	Bring core to AMQ	DrillExplo
2019	Summer	2019-08-28	1043	734090	18:33:00	18:48:00	0.25	CrewChg	Bring team DM back to AMQ	DrillExplo
2019	Summer	2019-08-28	1043	734090	13:56:00	15:39:00	1.72	Move	Long move to DDH-09	DrillExplo
2019	Summer	2019-08-28	1043	734090	15:44:00	17:43:00	1.98	DrillServ	Bring stuff to D2	DrillExplo
2019	Summer	2019-08-28	1043	734090	15:44:00	17:43:00	1.98	Move	Long move of D2	DrillExplo
2019	Summer	2019-08-28	1043	734090	13:56:00	15:39:00	1.72	Fuel	NA	DrillExplo
2019	Summer	2019-08-28	1043	734090	17:52:00	18:22:00	0.5	Move	Finish move D2 on DDH-09	DrillExplo
2019	Summer	2019-08-28	1043	734090	17:52:00	18:22:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-08-28	1043	734090	12:10:00	13:47:00	1.62	Move	Drill move to Silver showing DDH-09	DrillExplo
2019	Summer	2019-08-28	1043	734090	9:59:00	11:48:00	1.82	PaxLoc	Bring Nancy group to AMQ from Mbk	EnvWild
2019	Summer	2019-08-28	1043	734090	15:44:00	17:43:00	1.98	PaxLoc	Bring Nancy team back to MBK & back AMQ empty	EnvWild
2019	Summer	2019-08-28	1043	734090	9:26:00	9:43:00	0.28	PaxLoc	Go to MBK for pick enviro guys	EnvWild
2019	Summer	2019-08-29	1044	734090	16:54:00	18:38:00	1.73	CrewChg	D2 crew change	DrillExplo
2019	Summer	2019-08-29	1044	734090	10:40:00	11:04:00	0.4	PaxLoc	Bring Keven back to AMQ	DrillExplo
2019	Summer	2019-08-29	1044	734090	12:13:00	12:49:00	0.6	PaxLoc	Drop Keven + Roger to D2	DrillExplo
2019	Summer	2019-08-29	1044	734090	6:11:00	6:45:00	0.57	CrewChg	Crew change and geo at D2	DrillExplo
2019	Summer	2019-08-29	1044	734090	10:40:00	11:04:00	0.4	DrillServ	NA	DrillExplo
2019	Summer	2019-08-29	1044	734090	9:41:00	10:29:00	0.8	DrillServ	NA	DrillExplo
2019	Summer	2019-08-29	1044	734090	9:41:00	10:29:00	0.8	Floor	NA	DrillExplo
2019	Summer	2019-08-29	1044	734090	7:24:00	9:30:00	2.1	PaxLoc	Bring floor men to field	DrillExplo
2019	Summer	2019-08-29	1044	734090	7:24:00	9:30:00	2.1	Move	Bring left over from ddh site 008	DrillExplo
2019	Summer	2019-08-29	1044	734090	7:24:00	9:30:00	2.1	Floor	Move floor for DDH 09	DrillExplo
2019	Summer	2019-08-29	1044	734090	16:54:00	18:38:00	1.73	PaxLoc	Enviro - Louis trip to ??	EnvWild
2019	Summer	2019-08-29	1044	734090	12:13:00	12:49:00	0.6	PaxLoc	Go to pick up security agent at MBK	Mines
2019	Summer	2019-08-29	1044	734090	13:36:00	13:59:00	0.38	PaxLoc	Bring security agent to AMQ	Mines
2019	Summer	2019-08-29	1044	734090	16:54:00	18:38:00	1.73	PaxLoc	Bring security agent back to MBK	Mines
2019	Summer	2019-08-29	1044	734090	14:59:00	15:24:00	0.42	PaxLoc	Pick up RB + GC at GOT	ProspMap
2019	Summer	2019-08-29	1044	734090	11:13:00	11:32:00	0.32	PaxLoc	Drop RB + GC to Drogo	ProspMap
2019	Summer	2019-08-30	1050	734092	14:19:00	17:28:00	3.15	Fuel	Fuel run in the wind!	DrillExplo
2019	Summer	2019-08-30	1050	734092	6:28:00	6:46:00	0.3	CrewChg	CC + check core - shut down	DrillExplo
2019	Summer	2019-08-30	1050	734092	7:10:00	7:22:00	0.2	CrewChg	Back from the rig	DrillExplo
2019	Summer	2019-08-30	1050	734092	10:34:00	11:08:00	0.57	PaxLoc	Bring floor man + geos at D2 & Drogo	DrillExplo
2019	Summer	2019-08-30	1050	734092	14:19:00	17:28:00	3.15	Move	Move drill from -009 to -010	DrillExplo
2019	Summer	2019-08-30	1050	734092	18:09:00	18:38:00	0.48	CrewChg	NA	DrillExplo
2019	Summer	2019-08-30	1050	734092	11:19:00	11:36:00	0.28	Floor	Move back floor for ddh 10	DrillExplo
2019	Summer	2019-08-30	1050	734092	14:19:00	17:28:00	3.15	Core	Bring back core of ddh -009	DrillExplo
2019	Summer	2019-08-30	1050	734092	12:14:00	12:38:00	0.4	PaxLoc	Bring back geos from Drogo to AMQ	DrillExplo
2019	Summer	2019-08-30	1050	734092	9:12:00	9:49:00	0.62	PaxLoc	Bring envi can to AMQ + Photo around	EnvWild
2019	Summer	2019-08-30	1050	734092	13:35:00	14:01:00	0.43	PaxLoc	Fly back to AMQ from MBK - Enviro Can	EnvWild
2019	Summer	2019-08-30	1050	734092	8:02:00	8:17:00	0.25	PaxLoc	Go pick up Enviro Can at MBK	EnvWild
2019	Summer	2019-08-30	1050	734092	13:05:00	13:27:00	0.37	PaxLoc	Bring Enviro Can guys back to MBK + photos	EnvWild
2019	Summer	2019-08-31	1051	734093	13:02:00	15:11:00	2.15	Move	NA	DrillExplo
2019	Summer	2019-08-31	1051	734093	15:20:00	17:58:00	2.63	PaxLoc	Bring back Move team	DrillExplo
2019	Summer	2019-08-31	1051	734093	13:02:00	15:11:00	2.15	DrillServ	NA	DrillExplo
2019	Summer	2019-08-31	1051	734093	13:02:00	15:11:00	2.15	Fuel	Fuel run at AMQ	DrillExplo

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-08-31	1051	734093	9:31:00	9:49:00	0.3	Core	Bring core from D2 and fuel chopper	DrillExplo
2019	Summer	2019-08-31	1051	734093	10:42:00	12:41:00	1.98	PaxLoc	Bring movers to DDH-011 set up	DrillExplo
2019	Summer	2019-08-31	1051	734093	7:42:00	9:18:00	1.6	Floor	Move floor from 009 to 011	DrillExplo
2019	Summer	2019-08-31	1051	734093	10:02:00	10:16:00	0.23	PaxLoc	Come back to D2 and shut down for Pre-op move	DrillExplo
2019	Summer	2019-08-31	1051	734093	7:42:00	9:18:00	1.6	PaxLoc	Bring Keven to DDH 011 set up	DrillExplo
2019	Summer	2019-08-31	1051	734093	10:42:00	12:41:00	1.98	Fuel	Fuel run and refuel chopper	DrillExplo
2019	Summer	2019-08-31	1051	734093	7:05:00	7:35:00	0.5	PaxLoc	Bring drill move team to D2	DrillExplo
2019	Summer	2019-08-31	1051	734093	6:22:00	6:38:00	0.27	CrewChg	CC and geo looking at core + Janine	DrillExplo
2019	Summer	2019-08-31	1051	734093	18:15:00	18:42:00	0.45	CrewChg	NA	DrillExplo
2019	Summer	2019-08-31	1051	734093	10:42:00	12:41:00	1.98	Move	Move drill to ddh -011	DrillExplo
2019	Summer	2019-08-31	1051	734093	15:20:00	17:58:00	2.63	Move	NA	DrillExplo
2019	Summer	2019-08-31	1051	734093	15:20:00	17:58:00	2.63	DrillServ	NA	DrillExplo
2019	Summer	2019-08-31	1051	734093	7:05:00	7:35:00	0.5	CrewChg	NA	DrillExplo
2019	Summer	2019-09-01	1056	734094	9:35:00	10:58:00	1.38	DrillServ	Drill servicing	DrillExplo
2019	Summer	2019-09-01	1056	734094	18:11:00	18:40:00	0.48	CrewChg	NA	DrillExplo
2019	Summer	2019-09-01	1056	734094	9:35:00	10:58:00	1.38	Core	Core run	DrillExplo
2019	Summer	2019-09-01	1056	734094	9:35:00	10:58:00	1.38	PaxLoc	Orbit preventionist to D2	DrillExplo
2019	Summer	2019-09-01	1056	734094	7:09:00	9:22:00	2.22	PaxLoc	bring Roger for floor move	DrillExplo
2019	Summer	2019-09-01	1056	734094	7:09:00	9:22:00	2.22	Move	Complete DM on -001	DrillExplo
2019	Summer	2019-09-01	1056	734094	6:14:00	6:45:00	0.52	CrewChg	NA	DrillExplo
2019	Summer	2019-09-01	1056	734094	13:59:00	15:30:00	1.52	PaxLoc	Bring part -mec to D2 + foreman	DrillExplo
2019	Summer	2019-09-01	1056	734094	9:35:00	10:58:00	1.38	Fuel	Bring fuel	DrillExplo
2019	Summer	2019-09-01	1056	734094	13:59:00	15:30:00	1.52	PaxLoc	Fixing the previous staking GOT EXT	ExploStak
2019	Summer	2019-09-02	1057	734095	6:08:00	6:51:00	0.72	CrewChg	NA	DrillExplo
2019	Summer	2019-09-02	1057	734095	6:08:00	6:51:00	0.72	Core	NA	DrillExplo
2019	Summer	2019-09-02	1057	734095	18:10:00	18:27:00	0.28	CrewChg	NA	DrillExplo
2019	Summer	2019-09-02	1057	734095	16:32:00	16:45:00	0.22	PaxLoc	Enviro Amaruq	EnvHydr
2019	Summer	2019-09-02	1057	734095	16:18:00	16:26:00	0.13	PaxLoc	Enviro Amaruq	EnvHydr
2019	Summer	2019-09-03	1060	734096	16:39:00	16:54:00	0.25	PaxLoc	Maintenance ZRN	Camp
2019	Summer	2019-09-03	1060	734096	17:16:00	17:27:00	0.18	PaxLoc	Maintenance ZRN	Camp
2019	Summer	2019-09-03	1060	734096	15:31:00	15:40:00	0.15	PaxLoc	Bring all people back to AMQ	DrillExplo
2019	Summer	2019-09-03	1060	734096	6:10:00	6:36:00	0.43	CrewChg	NA	DrillExplo
2019	Summer	2019-09-03	1060	734096	14:30:00	14:47:00	0.28	PaxLoc	GO TO STOP DDH -011 look for spot + floor man	DrillExplo
2019	Summer	2019-09-03	1060	734096	7:04:00	8:30:00	1.43	DrillServ	NA	DrillExplo
2019	Summer	2019-09-03	1060	734096	7:04:00	8:30:00	1.43	Core	NA	DrillExplo
2019	Summer	2019-09-03	1060	734096	7:04:00	8:30:00	1.43	Fuel	NA	DrillExplo
2019	Summer	2019-09-03	1060	734096	12:41:00	12:58:00	0.28	PaxLoc	Fly to Meadow - Water plan	Mines
2019	Summer	2019-09-03	1060	734096	13:24:00	13:45:00	0.35	PaxLoc	Bring Pascal Poirier to AMQ	Mines
2019	Summer	2019-09-04	1059	698122	15:18:00	18:02:00	2.73	LocSlng	E & I move pipe for water	Camp
2019	Summer	2019-09-04	1059	698122	11:39:00	13:11:00	1.53	PaxLoc	Move guys to D2	DrillExplo
2019	Summer	2019-09-04	1059	698122	15:18:00	18:02:00	2.73	PaxLoc	Bring guys back to AMQ	DrillExplo
2019	Summer	2019-09-04	1059	698122	15:18:00	18:02:00	2.73	Move	Move D2	DrillExplo
2019	Summer	2019-09-04	1059	698122	13:48:00	14:59:00	1.18	Move	Start move drill to Masto from GOT	DrillExplo
2019	Summer	2019-09-04	1059	698122	9:09:00	11:21:00	2.2	Floor	Move floor from DDH-010 to Masto V022	DrillExplo
2019	Summer	2019-09-04	1059	698122	7:13:00	7:39:00	0.43	CrewChg	Bring fdrillers to finish pre-move	DrillExplo
2019	Summer	2019-09-04	1059	698122	9:09:00	11:21:00	2.2	PaxLoc	Move Marc + Brubno to D2	DrillExplo
2019	Summer	2019-09-04	1059	698122	11:39:00	13:11:00	1.53	Floor	Move floor continue	DrillExplo
2019	Summer	2019-09-04	1059	698122	8:36:00	8:55:00	0.32	PaxLoc	Bring Floor man + meeting	DrillExplo
2019	Summer	2019-09-05	1066	698123	13:09:00	16:20:00	3.18	PaxLoc	Get Orbit parts back to AMQ	DrillConv
2019	Summer	2019-09-05	1066	698123	11:15:00	12:19:00	1.07	PaxLoc	Get Orbit parts at Meadow	DrillConv
2019	Summer	2019-09-05	1066	698123	8:34:00	10:54:00	2.33	Move	Move D2 to Masto from GOT	DrillExplo
2019	Summer	2019-09-05	1066	698123	16:30:00	18:18:00	1.8	PaxLoc	Bring back Move team + geos	DrillExplo
2019	Summer	2019-09-05	1066	698123	11:15:00	12:19:00	1.07	Move	Move D2 to Masto	DrillExplo
2019	Summer	2019-09-05	1066	698123	6:34:00	8:15:00	1.68	Move	Move D2 to Masto	DrillExplo
2019	Summer	2019-09-05	1066	698123	6:34:00	8:15:00	1.68	PaxLoc	Bring DM team to GOT & Masto	DrillExplo
2019	Summer	2019-09-05	1066	698123	16:30:00	18:18:00	1.8	Core	NA	DrillExplo
2019	Summer	2019-09-05	1066	698123	13:09:00	16:20:00	3.18	Move	move D2 to Masto	DrillExplo
2019	Summer	2019-09-05	1066	698123	16:30:00	18:18:00	1.8	Move	Move D2 to Masto	DrillExplo
2019	Summer	2019-09-05	1066	698123	11:15:00	12:19:00	1.07	PaxLoc	Drop prospection to GOT	ProspMap
2019	Summer	2019-09-06	1067	698124	8:43:00	9:12:00	0.48	PaxLoc	GO to meadow to pick up blade	DrillExplo
2019	Summer	2019-09-06	1067	698124	9:28:00	10:20:00	0.87	LocSlng	Bring blade to Amaruq	DrillExplo
2019	Summer	2019-09-06	1065	669503	14:28:00	14:50:00	0.37	PaxLoc	Enviro Amaruq Lake 8	EnvHydr
2019	Summer	2019-09-06	1065	669503	14:08:00	14:16:00	0.13	PaxLoc	Enviro Amaruq Lake 8	EnvHydr
2019	Summer	2019-09-06	1065	669503	11:42:00	12:18:00	0.6	PaxLoc	Enviro Amaruq	EnvHydr
2019	Summer	2019-09-06	1065	669503	13:47:00	13:58:00	0.18	PaxLoc	Enviro Amaruq	EnvHydr

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-09-06	1065	669503	10:25:00	10:53:00	0.47	PaxLoc	Drop prospectors on Drogo	ProspMap
2019	Summer	2019-09-06	1065	669503	16:45:00	17:08:00	0.38	PaxLoc	Pick up prospectors on Drogo	ProspMap
2019	Summer	2019-09-07	1073	669504	14:41:00	15:03:00	0.37	Pax	NA	DrillExplo
2019	Summer	2019-09-07	1069	734100	11:26:00	13:41:00	2.25	Floor	Move second floor from GOT to Masto	DrillExplo
2019	Summer	2019-09-07	1073	669504	18:40:00	19:30:00	0.83	CrewChg	NA	DrillExplo
2019	Summer	2019-09-07	1069	734100	18:10:00	18:20:00	0.17	CrewChg	CC D2 on Masto site	DrillExplo
2019	Summer	2019-09-07	1069	734100	15:27:00	17:26:00	1.98	LocSlng	Move equipment at Esker 6 for Orbit	DrillExplo
2019	Summer	2019-09-07	1069	734100	13:49:00	15:13:00	1.4	PaxLoc	Bring back floor team from GOT	DrillExplo
2019	Summer	2019-09-07	1073	669504	9:22:00	10:33:00	1.18	Pax	NA	DrillExplo
2019	Summer	2019-09-07	1073	669504	11:39:00	11:53:00	0.23	PaxLoc	NA	DrillExplo
2019	Summer	2019-09-07	1073	669504	13:39:00	13:49:00	0.17	PaxLoc	NA	DrillExplo
2019	Summer	2019-09-07	1069	734100	10:11:00	11:01:00	0.83	Move	NA	DrillExplo
2019	Summer	2019-09-07	1069	734100	8:48:00	10:07:00	1.32	Move	NA	DrillExplo
2019	Summer	2019-09-07	1069	734100	13:49:00	15:13:00	1.4	Floor	Move floor to Masto	DrillExplo
2019	Summer	2019-09-07	1069	734100	6:54:00	8:11:00	1.28	CrewChg	Bring move team to D2 + Masto	DrillExplo
2019	Summer	2019-09-07	1069	734100	6:54:00	8:11:00	1.28	Move	Completing move Got-Masto	DrillExplo
2019	Summer	2019-09-07	1073	669504	8:08:00	8:35:00	0.45	PaxLoc	NA	EnvBird
2019	Summer	2019-09-07	1069	734100	11:26:00	13:41:00	2.25	PaxLoc	Enviro Amaruq	EnvHydr
2019	Summer	2019-09-07	1069	734100	17:36:00	17:44:00	0.13	PaxLoc	Enviro Amaruq - Lake	EnvHydr
2019	Summer	2019-09-07	1069	734100	13:49:00	15:13:00	1.4	PaxLoc	Enviro Amaruq	EnvHydr
2019	Summer	2019-09-07	1069	734100	11:14:00	11:19:00	0.08	PaxLoc	Enviro Amaruq	EnvHydr
2019	Summer	2019-09-07	1069	734100	15:27:00	17:26:00	1.98	PaxLoc	Enviro Amaruq - Lake sampling	EnvHydr
2019	Summer	2019-09-08	1076	734101	16:38:00	17:30:00	0.87	Fuel	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	6:42:00	7:10:00	0.47	Fuel	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	6:42:00	7:10:00	0.47	DrillServ	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	9:12:00	10:54:00	1.7	LocSlng	replace orbit stock at esker6	DrillExplo
2019	Summer	2019-09-08	1076	734101	6:17:00	6:31:00	0.23	CrewChg	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	16:38:00	17:30:00	0.87	Core	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	7:21:00	7:31:00	0.17	Core	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	18:10:00	18:20:00	0.17	CrewChg	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	11:04:00	12:03:00	0.98	LocSlng	replace stock orbit esker6	DrillExplo
2019	Summer	2019-09-08	1076	734101	16:38:00	17:30:00	0.87	DrillServ	D2	DrillExplo
2019	Summer	2019-09-08	1076	734101	16:38:00	17:30:00	0.87	PaxLoc	sam/Marilyn	EnvHydr
2019	Summer	2019-09-08	1076	734101	14:16:00	14:47:00	0.52	PaxLoc	Sam/Marilyn	EnvHydr
2019	Summer	2019-09-08	1076	734101	16:23:00	16:35:00	0.2	PaxLoc	sam/marilyn	EnvHydr
2019	Summer	2019-09-08	1076	734101	14:16:00	14:47:00	0.52	LocSlng	sling the boat	EnvHydr
2019	Summer	2019-09-08	1076	734101	16:38:00	17:30:00	0.87	PaxLoc	Robert/Nico	ProspMap
2019	Summer	2019-09-08	1076	734101	12:24:00	12:52:00	0.47	PaxLoc	Nico-Robert	ProspMap
2019	Summer	2019-09-09	1077	734102	6:16:00	6:36:00	0.33	Core	D2	DrillExplo
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	PaxLoc	picture drill set-up at RON-Moraine-MR	DrillExplo
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	Move	demob D2	DrillExplo
2019	Summer	2019-09-09	1077	734102	10:51:00	11:01:00	0.17	PaxLoc	cleaning drill site JAG	DrillExplo
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	CrewChg	D2	DrillExplo
2019	Summer	2019-09-09	1077	734102	9:31:00	10:32:00	1.02	PaxLoc	set up picture at WH-GHD and Bender	DrillExplo
2019	Summer	2019-09-09	1077	734102	6:16:00	6:36:00	0.33	CrewChg	D2	DrillExplo
2019	Summer	2019-09-09	1077	734102	11:14:00	11:49:00	0.58	PaxLoc	set up picture at RON-GZ	DrillExplo
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	LocSlng	drop zone/D2/esker	DrillExplo
2019	Summer	2019-09-09	1077	734102	12:02:00	12:16:00	0.23	PaxLoc	sam/martin	EnvHydr
2019	Summer	2019-09-09	1077	734102	8:32:00	8:57:00	0.42	PaxLoc	Sam/Martin	EnvHydr
2019	Summer	2019-09-09	1077	734102	8:32:00	8:57:00	0.42	LocSlng	sling boat	EnvHydr
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	LocSlng	sling boat	EnvHydr
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	PaxLoc	sam/martin	EnvHydr
2019	Summer	2019-09-09	1077	734102	14:27:00	18:01:00	3.57	PaxLoc	robert/nico	ProspMap
2019	Summer	2019-09-09	1077	734102	11:14:00	11:49:00	0.58	PaxLoc	robert/Nico on Jim	ProspMap
2019	Summer	2019-09-10	1079	734103	9:27:00	10:47:00	1.33	PaxLoc	drillers	DrillExplo
2019	Summer	2019-09-10	1079	734103	12:42:00	13:46:00	1.07	Move	demob D2	DrillExplo
2019	Summer	2019-09-10	1079	734103	10:59:00	12:25:00	1.43	Move	demob D2	DrillExplo
2019	Summer	2019-09-10	1079	734103	9:27:00	10:47:00	1.33	Move	demob D2	DrillExplo
2019	Summer	2019-09-10	1079	734103	12:42:00	13:46:00	1.07	PaxLoc	drillers come back to camp	DrillExplo
2019	Summer	2019-09-10	1079	734103	6:09:00	6:23:00	0.23	PaxLoc	enviro on lake	EnvHydr
2019	Summer	2019-09-10	1079	734103	7:08:00	7:26:00	0.3	Pax	go pick up dewatering comittee	GeotOth
2019	Summer	2019-09-10	1079	734103	7:48:00	9:00:00	1.2	Pax	2 lift from mbk to amq	GeotOth
2019	Summer	2019-09-10	1079	734103	17:13:00	18:37:00	1.4	Pax	dewatering commitee come back to mbk	GeotOth
2019	Summer	2019-09-11	1080	734104	9:12:00	9:22:00	0.17	PaxLoc	try to go to mbk passing by meadowriver for pictures and cas	DrillExplo
2019	Summer	2019-09-11	1080	734104	13:21:00	13:40:00	0.32	Pax	ride for enviro bosses stop for induction	EnvHydr
2019	Summer	2019-09-11	1080	734104	14:08:00	14:38:00	0.5	Pax	come to amq	EnvHydr
2019	Summer	2019-09-12	1078	621264	12:41:00	13:02:00	0.35	PaxLoc	come back meadow + pictures bender	DrillExplo
2019	Summer	2019-09-12	1078	621264	12:06:00	12:30:00	0.4	PaxLoc	cut casing Nico T	DrillExplo
2019	Summer	2019-09-12	1078	621264	15:57:00	16:23:00	0.43	PaxLoc	take back grab sample and go casing mdr	DrillExplo
2019	Summer	2019-09-12	1078	621264	10:20:00	10:41:00	0.35	PaxLoc	Nicolas T cut casing	DrillExplo
2019	Summer	2019-09-12	1078	621264	16:34:00	16:54:00	0.33	PaxLoc	pictures mdr and come back AMQ	DrillExplo
2019	Summer	2019-09-12	1078	621264	14:55:00	15:43:00	0.8	LocSlng	enviro sling motor and boat	EnvHydr

Table 1
2017 to 2019

Year	Season	Date	FltReportID	FltReportNo	Departure	Arrival	Time Difference	AbRmk	RmkTxt	UsAbVal
2019	Summer	2019-09-12	1078	621264	10:20:00	10:41:00	0.35	PaxLoc	enviro sur pipedream	EnvHydr
2019	Summer	2019-09-12	1078	621264	11:23:00	11:51:00	0.47	PaxLoc	pipedream - problem gaz	EnvHydr
2019	Summer	2019-09-12	1078	621264	13:12:00	13:16:00	0.07	PaxLoc	pilot himself fueling meadow	EnvHydr
2019	Summer	2019-09-12	1078	621264	13:56:00	14:12:00	0.27	LocSIng	enviro	EnvHydr
2019	Summer	2019-09-12	1078	621264	14:31:00	14:49:00	0.3	PaxLoc	enviro move	EnvHydr
2019	Summer	2019-09-12	1078	621264	14:55:00	15:43:00	0.8	PaxLoc	enviro come back meadow	EnvHydr
2019	Summer	2019-09-12	1078	621264	9:15:00	9:36:00	0.35	PaxLoc	2 env passengers + Nico T	EnvHydr
2019	Summer	2019-09-14	1081	621266	12:18:00	15:03:00	2.75	PaxLoc	stacking GOT secur	Claim
2019	Summer	2019-09-14	1081	621266	15:36:00	16:26:00	0.83	PaxLoc	Jackie enviro	EnvHydr
2019	Summer	2019-09-16	1096	627268	13:17:00	14:09:00	0.87	PaxLoc	Meadowriver reconnaissance	ProspMap
2019	Summer	2019-09-16	1096	627268	11:31:00	11:40:00	0.15	PaxLoc	Prospection Meadowriver (île)	ProspMap
2019	Summer	2019-09-16	1096	627268	9:24:00	9:35:00	0.18	PaxLoc	Prospection MeadowRiver (patate)	ProspMap

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-GQMR	29489528	2020-06-18 13:18	65.02,-96.07	2020-06-19 18:26	65.02,-96.07	Moving	1 day 05:08	9
Summer	C-GQMR	29496626	2020-06-20 8:11	65.24,-95.82	2020-06-20 8:44	65.41,-96.68	Moving	0:33	54
Summer	C-GQMR	29496829	2020-06-20 9:38	65.41,-96.68	2020-06-20 10:20	65.43,-96.61	Moving	0:41	17
Summer	C-GQMR	29496971	2020-06-20 10:22	65.44,-96.61	2020-06-20 11:39	65.02,-96.07	Moving	1:17	45
Summer	C-GQMR	29500149	2020-06-21 7:20	65.02,-96.06	2020-06-21 7:25	65.08,-95.98	Moving	0:04	4
Summer	C-GQMR	29500210	2020-06-21 7:48	65.08,-95.98	2020-06-21 8:39	65.02,-96.07	Moving	0:50	4
Summer	C-GQMR	29500953	2020-06-21 13:07	65.04,-96.01	2020-06-21 13:17	65.1,-95.95	Moving	0:10	4
Summer	C-GQMR	29500972	2020-06-21 13:18	65.1,-95.96	2020-06-21 13:23	65.02,-96.07	Moving	0:05	5
Summer	C-GQMR	29501318	2020-06-21 15:36	65.02,-96.07	2020-06-21 15:44	65.1,-95.94	Moving	0:08	6
Summer	C-GQMR	29501337	2020-06-21 15:45	65.1,-95.95	2020-06-21 17:05	65.02,-96.07	Moving	1:19	9
Summer	C-GQMR	29510986	2020-06-24 6:01	65.02,-96.07	2020-06-24 6:11	65.1,-95.96	Moving	0:10	5
Summer	C-GQMR	29511009	2020-06-24 6:13	65.1,-95.97	2020-06-24 7:05	65.1,-95.96	Moving	0:51	14
Summer	C-GQMR	29511120	2020-06-24 7:06	65.1,-95.97	2020-06-24 7:31	65.1,-95.96	Moving	0:25	11
Summer	C-GQMR	29511177	2020-06-24 7:32	65.1,-95.97	2020-06-24 8:24	65.08,-95.97	Moving	0:51	24
Summer	C-GQMR	29511328	2020-06-24 8:24	65.08,-95.98	2020-06-24 8:42	65.02,-96.07	Moving	0:17	6
Summer	C-GQMR	29511382	2020-06-24 8:43	65.02,-96.06	2020-06-24 8:47	65.1,-95.96	Moving	0:04	5
Summer	C-GQMR	29511396	2020-06-24 8:48	65.1,-95.97	2020-06-24 9:54	65.08,-95.98	Moving	1:06	35
Summer	C-GQMR	29511631	2020-06-24 9:57	65.08,-95.97	2020-06-24 10:05	65.1,-95.96	Moving	0:08	3
Summer	C-GQMR	29511711	2020-06-24 10:20	65.1,-95.96	2020-06-24 10:40	65.08,-95.98	Moving	0:19	8
Summer	C-GQMR	29511783	2020-06-24 10:41	65.08,-95.97	2020-06-24 10:51	65.02,-96.07	Moving	0:09	7
Summer	C-GQMR	29511824	2020-06-24 10:52	65.02,-96.06	2020-06-24 10:56	65.1,-95.95	Moving	0:04	5
Summer	C-GQMR	29511855	2020-06-24 10:58	65.1,-95.97	2020-06-24 11:24	65.08,-95.98	Moving	0:26	11
Summer	C-GQMR	29511954	2020-06-24 11:25	65.08,-95.97	2020-06-24 12:06	65.03,-96.16	Moving	0:40	8
Summer	C-GQMR	29512125	2020-06-24 12:10	65.03,-96.16	2020-06-24 12:53	65.1,-95.96	Moving	0:42	7
Summer	C-GQMR	29512279	2020-06-24 12:54	65.1,-95.97	2020-06-24 13:17	65.03,-96.16	Moving	0:23	20
Summer	C-GQMR	29512372	2020-06-24 13:18	65.03,-96.17	2020-06-24 13:23	65.1,-95.95	Moving	0:05	6
Summer	C-GQMR	29512442	2020-06-24 13:42	65.1,-95.95	2020-06-24 14:05	65.02,-96.07	Moving	0:23	6
Summer	C-GQMR	29512666	2020-06-24 14:54	65.02,-96.07	2020-06-24 16:41	65.02,-96.07	Moving	1:46	17
Summer	C-GQMR	29513278	2020-06-24 18:10	65.02,-96.07	2020-06-24 18:23	65.1,-95.96	Moving	0:12	6
Summer	C-GQMR	29513308	2020-06-24 18:24	65.1,-95.97	2020-06-24 18:29	65.02,-96.07	Moving	0:05	5
Summer	C-GQMR	29514842	2020-06-25 6:07	65.02,-96.06	2020-06-25 6:18	65.1,-95.97	Moving	0:10	5
Summer	C-GQMR	29514862	2020-06-25 6:18	65.1,-95.97	2020-06-25 6:25	65.02,-96.07	Moving	0:07	5
Summer	C-GQMR	29514882	2020-06-25 6:28	65.02,-96.06	2020-06-25 6:49	65.02,-96.07	Moving	0:21	11
Summer	C-GQMR	29515436	2020-06-25 9:42	65.02,-96.04	2020-06-25 9:47	65.1,-95.96	Moving	0:04	5
Summer	C-GQMR	29515628	2020-06-25 10:40	65.1,-95.96	2020-06-25 10:52	65.11,-96.24	Moving	0:11	9
Summer	C-GQMR	29515693	2020-06-25 10:53	65.1,-96.25	2020-06-25 10:58	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29516241	2020-06-25 13:13	65.02,-96.07	2020-06-25 13:23	65.08,-95.98	Moving	0:09	7
Summer	C-GQMR	29516284	2020-06-25 13:25	65.08,-95.97	2020-06-25 14:55	65.1,-95.96	Moving	1:29	6
Summer	C-GQMR	29516623	2020-06-25 14:55	65.1,-95.96	2020-06-25 15:16	65.03,-96.08	Moving	0:20	6
Summer	C-GQMR	29516694	2020-06-25 15:16	65.03,-96.08	2020-06-25 16:20	65.11,-96.25	Moving	1:03	23
Summer	C-GQMR	29516891	2020-06-25 16:21	65.11,-96.24	2020-06-25 16:31	65.02,-96.07	Moving	0:09	7
Summer	C-GQMR	29516930	2020-06-25 16:32	65.03,-96.08	2020-06-25 16:39	65.1,-95.96	Moving	0:06	5
Summer	C-GQMR	29516962	2020-06-25 16:40	65.1,-95.97	2020-06-25 17:08	65.1,-95.96	Moving	0:27	3
Summer	C-GQMR	29517055	2020-06-25 17:09	65.1,-95.96	2020-06-25 17:23	65.02,-96.07	Moving	0:14	6
Summer	C-GQMR	29517142	2020-06-25 17:36	65.02,-96.07	2020-06-25 17:42	65.1,-95.95	Moving	0:05	5
Summer	C-GQMR	29517159	2020-06-25 17:43	65.1,-95.96	2020-06-25 17:51	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29517222	2020-06-25 18:00	65.02,-96.07	2020-06-25 18:15	65.1,-95.95	Moving	0:14	5
Summer	C-GQMR	29517281	2020-06-25 18:16	65.1,-95.97	2020-06-25 18:20	65.02,-96.07	Moving	0:04	5
Summer	C-GQMR	29519014	2020-06-26 6:06	65.02,-96.07	2020-06-26 7:05	65.1,-95.95	Moving	0:58	6
Summer	C-GQMR	29519146	2020-06-26 7:05	65.1,-95.96	2020-06-26 7:20	65.02,-96.07	Moving	0:14	6
Summer	C-GQMR	29519186	2020-06-26 7:20	65.02,-96.06	2020-06-26 7:25	65.08,-95.98	Moving	0:04	4
Summer	C-GQMR	29519240	2020-06-26 7:39	65.08,-95.98	2020-06-26 8:11	65.02,-96.07	Moving	0:31	13
Summer	C-GQMR	29519333	2020-06-26 8:12	65.02,-96.06	2020-06-26 8:21	65.1,-95.95	Moving	0:09	5
Summer	C-GQMR	29519365	2020-06-26 8:22	65.1,-95.97	2020-06-26 8:27	65.02,-96.07	Moving	0:05	5
Summer	C-GQMR	29519860	2020-06-26 11:09	65.02,-96.07	2020-06-26 11:25	65.41,-96.68	Moving	0:16	27
Summer	C-GQMR	29519993	2020-06-26 11:55	65.41,-96.68	2020-06-26 12:15	65.4,-96.77	Moving	0:19	3
Summer	C-GQMR	29520074	2020-06-26 12:15	65.39,-96.77	2020-06-26 13:04	65.02,-96.07	Moving	0:48	43
Summer	C-GQMR	29520436	2020-06-26 14:03	65.02,-96.07	2020-06-26 14:15	65.1,-95.95	Moving	0:12	8
Summer	C-GQMR	29520489	2020-06-26 14:16	65.11,-95.95	2020-06-26 14:39	65.41,-96.68	Moving	0:22	29
Summer	C-GQMR	29520558	2020-06-26 14:40	65.4,-96.67	2020-06-26 15:04	65.1,-95.95	Moving	0:23	25
Summer	C-GQMR	29520638	2020-06-26 15:06	65.1,-95.97	2020-06-26 15:17	65.02,-96.07	Moving	0:11	6
Summer	C-GQMR	29521166	2020-06-26 18:15	65.02,-96.07	2020-06-26 18:32	65.1,-95.95	Moving	0:17	6
Summer	C-GQMR	29521216	2020-06-26 18:32	65.1,-95.96	2020-06-26 18:41	65.02,-96.07	Moving	0:09	6
Summer	C-GQMR	29523482	2020-06-27 10:58	65.03,-96.08	2020-06-27 11:08	65.1,-95.95	Moving	0:09	6
Summer	C-GQMR	29523520	2020-06-27 11:09	65.1,-95.97	2020-06-27 11:16	65.02,-96.07	Moving	0:07	5
Summer	C-GQMR	29523538	2020-06-27 11:18	65.03,-96.08	2020-06-27 11:35	65.08,-95.98	Moving	0:17	10
Summer	C-GQMR	29523598	2020-06-27 11:35	65.08,-95.97	2020-06-27 12:56	65.1,-95.95	Moving	1:20	3
Summer	C-GQMR	29523838	2020-06-27 12:57	65.1,-95.95	2020-06-27 13:24	65.02,-96.07	Moving	0:26	6
Summer	C-GQMR	29523931	2020-06-27 13:25	65.02,-96.06	2020-06-27 13:31	65.1,-95.96	Moving	0:06	5
Summer	C-GQMR	29523956	2020-06-27 13:34	65.1,-95.95	2020-06-27 15:34	65.11,-96.25	Moving	2:00	19
Summer	C-GQMR	29524293	2020-06-27 15:35	65.11,-96.24	2020-06-27 15:43	65.1,-95.94	Moving	0:07	7
Summer	C-GQMR	29524322	2020-06-27 15:45	65.1,-95.96	2020-06-27 15:57	65.02,-96.07	Moving	0:11	6
Summer	C-GQMR	29524475	2020-06-27 16:39	65.02,-96.07	2020-06-27 16:58	65.02,-96.07	Moving	0:18	16
Summer	C-GQMR	29524741	2020-06-27 18:10	65.02,-96.07	2020-06-27 18:22	65.1,-95.95	Moving	0:12	6
Summer	C-GQMR	29524775	2020-06-27 18:23	65.1,-95.95	2020-06-27 18:28	65.1,-96.26	Moving	0:05	7
Summer	C-GQMR	29524794	2020-06-27 18:30	65.11,-96.25	2020-06-27 18:35	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29526300	2020-06-28 6:06	65.03,-96.02	2020-06-28 6:16	65.1,-95.95	Moving	0:10	4
Summer	C-GQMR	29526312	2020-06-28 6:17	65.1,-95.96	2020-06-28 6:22	65.02,-96.07	Moving	0:04	5
Summer	C-GQMR	29526327	2020-06-28 6:24	65.02,-96.06	2020-06-28 6:38	65.02,-96.07	Moving	0:13	11
Summer	C-GQMR	29527474	2020-06-28 14:41	65.02,-96.06	2020-06-28 14:58	65.11,-96.24	Moving	0:17	9
Summer	C-GQMR	29527519	2020-06-28 15:00	65.11,-96.25	2020-06-28 15:05	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29527943	2020-06-28 17:37	65.02,-96.07	2020-06-28 17:57	65.02,-96.07	Moving	0:20	12
Summer	C-GQMR	29528004	2020-06-28 17:59	65.02,-96.06	2020-06-28 18:08	65.1,-95.95	Moving	0:09	5
Summer	C-GQMR	29528035	2020-06-28 18:09	65.1,-95.96	2020-06-28 18:16	65.11,-96.25	Moving	0:07	7
Summer	C-GQMR	29528063	2020-06-28 18:17	65.1,-96.25	2020-06-28 18:22	65.02,-96.07	Moving	0:04	6
Summer	C-GQMR	29529625	2020-06-29 6:11	65.03,-96.08	2020-06-29 6:17	65.1,-95.95	Moving	0:06	5
Summer	C-GQMR	29529645	2020-06-29 6:19	65.1,-95.96	2020-06-29 6:24	65.02,-96.07	Moving	0:04	5
Summer	C-GQMR	29529660	2020-06-29 6:26	65.03,-96.08	2020-06-29 6:57	65.08,-95.98	Moving	0:31	27
Summer	C-GQMR	29529725	2020-06-29 6:58	65.08,-95.98	2020-06-29 8:09	65.02,-96.07	Moving	1:11	9
Summer	C-GQMR	29529973	2020-06-29 8:10	65.02,-96.06	2020-06-29 8:33	65.02,-96.07	Moving	0:22	11
Summer	C-GQMR	29530039	2020-06-29 8:35	65.02,-96.06	2020-06-29 9:11	65.1,-95.95	Moving	0:35	6
Summer	C-GQMR	29530308	2020-06-29 9:56	65.1,-95.95	2020-06-29 10:23	65.02,-96.07	Moving	0:27	7
Summer	C-GQMR	29530420	2020-06-29 10:38	65.02,-96.07	2020-06-29 10:54	65.41,-96.68	Moving	0:16	27
Summer	C-GQMR	29530497	2020-06-29 10:58	65.41,-96.68	2020-06-29 11:25	65.02,-96.07	Moving	0:27	29
Summer	C-GQMR	29530955	2020-06-29 13:06	65.02,-96.07	2020-06-29 13:21	65.1,-95.94	Moving	0:14	9
Summer	C-GQMR	29530999	2020-06-29 13:23	65.1,-95.95	2020-06-29 14:04	65.1,-95.95	Moving	0:41	5
Summer	C-GQMR	29531305	2020-06-29 15:10	65.1,-95.95	2020-06-29 15:27	65.02,-96.07	Moving	0:17	6
Summer	C-GQMR	29531809	2020-06-29 17:46	65.02,-96.07	2020-06-29 18:01	65.02,-96.07	Moving	0:14	12

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-GQMR	29534944	2020-06-30 13:22	65.11,-96.25	2020-06-30 13:28	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29535203	2020-06-30 14:45	65.02,-96.07	2020-06-30 14:53	65.1,-95.94	Moving	0:07	7
Summer	C-GQMR	29535305	2020-06-30 15:20	65.1,-95.94	2020-06-30 16:04	65.1,-95.95	Moving	0:43	4
Summer	C-GQMR	29535470	2020-06-30 16:05	65.1,-95.94	2020-06-30 16:27	65.02,-96.07	Moving	0:22	6
Summer	C-GQMR	29535552	2020-06-30 16:29	65.02,-96.06	2020-06-30 16:35	65.1,-95.95	Moving	0:05	5
Summer	C-GQMR	29535577	2020-06-30 16:35	65.1,-95.95	2020-06-30 17:42	65.1,-95.94	Moving	1:06	5
Summer	C-GQMR	29535807	2020-06-30 17:44	65.1,-95.96	2020-06-30 17:48	65.02,-96.07	Moving	0:04	5
Summer	C-GQMR	29535823	2020-06-30 17:49	65.03,-96.07	2020-06-30 17:56	65.11,-96.25	Moving	0:07	6
Summer	C-GQMR	29535847	2020-06-30 17:57	65.1,-96.26	2020-06-30 18:04	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29535873	2020-06-30 18:05	65.02,-96.06	2020-06-30 18:15	65.1,-95.95	Moving	0:09	5
Summer	C-GQMR	29535896	2020-06-30 18:16	65.1,-95.97	2020-06-30 18:27	65.02,-96.07	Moving	0:11	5
Summer	C-GQMR	29537581	2020-07-01 6:06	65.02,-96.06	2020-07-01 6:17	65.1,-95.95	Moving	0:11	5
Summer	C-GQMR	29537610	2020-07-01 6:19	65.1,-95.97	2020-07-01 6:29	65.02,-96.07	Moving	0:09	5
Summer	C-GQMR	29537625	2020-07-01 6:29	65.02,-96.07	2020-07-01 6:42	65.02,-96.07	Moving	0:13	11
Summer	C-GQMR	29537880	2020-07-01 8:03	65.02,-96.07	2020-07-01 8:14	65.1,-95.94	Moving	0:10	6
Summer	C-GQMR	29537915	2020-07-01 8:15	65.1,-95.95	2020-07-01 9:04	65.09,-95.88	Moving	0:49	22
Summer	C-GQMR	29538059	2020-07-01 9:05	65.09,-95.89	2020-07-01 9:23	65.09,-95.88	Moving	0:17	9
Summer	C-GQMR	29538172	2020-07-01 9:49	65.09,-95.88	2020-07-01 9:56	65.02,-96.07	Moving	0:06	6
Summer	C-GQMR	29538298	2020-07-01 10:31	65.02,-96.07	2020-07-01 10:54	65.25,-96.43	Moving	0:22	34
Summer	C-GQMR	29538445	2020-07-01 11:16	65.25,-96.43	2020-07-01 11:28	65.02,-96.07	Moving	0:11	17
Summer	C-GQMR	29538510	2020-07-01 11:30	65.03,-96.08	2020-07-01 11:36	65.08,-95.98	Moving	0:06	5
Summer	C-GQMR	29538529	2020-07-01 11:36	65.08,-95.98	2020-07-01 11:45	65.08,-95.98	Moving	0:08	2
Summer	C-GQMR	29538559	2020-07-01 11:47	65.07,-95.98	2020-07-01 11:53	65.02,-96.07	Moving	0:06	4
Summer	C-GQMR	29539704	2020-07-01 17:47	65.03,-96.08	2020-07-01 18:08	65.03,-96.08	Moving	0:21	12
Summer	C-GQMR	29539757	2020-07-01 18:08	65.03,-96.08	2020-07-01 18:13	65.1,-95.95	Moving	0:04	5
Summer	C-GQMR	29539854	2020-07-01 18:43	65.1,-95.95	2020-07-01 18:48	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29541356	2020-07-02 6:11	65.02,-96.06	2020-07-02 6:25	65.1,-95.95	Moving	0:13	5
Summer	C-GQMR	29541388	2020-07-02 6:26	65.1,-95.95	2020-07-02 6:34	65.02,-96.07	Moving	0:07	5
Summer	C-GQMR	29541406	2020-07-02 6:34	65.02,-96.06	2020-07-02 6:56	65.08,-95.98	Moving	0:21	18
Summer	C-GQMR	29541449	2020-07-02 6:56	65.08,-95.98	2020-07-02 7:21	65.02,-96.07	Moving	0:25	10
Summer	C-GQMR	29541591	2020-07-02 7:45	65.02,-96.07	2020-07-02 7:58	65.11,-96.28	Moving	0:13	9
Summer	C-GQMR	29541643	2020-07-02 8:01	65.1,-96.27	2020-07-02 8:06	65.02,-96.07	Moving	0:05	7
Summer	C-GQMR	29541666	2020-07-02 8:07	65.02,-96.06	2020-07-02 8:12	65.1,-95.95	Moving	0:05	5
Summer	C-GQMR	29541690	2020-07-02 8:14	65.1,-95.95	2020-07-02 9:42	65.1,-95.95	Moving	1:27	52
Summer	C-GQMR	29541975	2020-07-02 9:42	65.1,-95.94	2020-07-02 9:59	65.02,-96.07	Moving	0:16	9
Summer	C-GQMR	29542037	2020-07-02 10:00	65.02,-96.06	2020-07-02 10:05	65.09,-95.88	Moving	0:04	5
Summer	C-GQMR	29542051	2020-07-02 10:06	65.09,-95.89	2020-07-02 11:18	65.02,-96.07	Moving	1:11	47
Summer	C-GQMR	29542280	2020-07-02 11:19	65.02,-96.06	2020-07-02 12:17	65.1,-95.95	Moving	0:58	39
Summer	C-GQMR	29542510	2020-07-02 12:18	65.1,-95.94	2020-07-02 13:46	65.08,-95.98	Moving	1:28	7
Summer	C-GQMR	29542831	2020-07-02 13:46	65.08,-95.96	2020-07-02 14:04	65.02,-96.07	Moving	0:17	9
Summer	C-GQMR	29543201	2020-07-02 15:28	65.02,-96.07	2020-07-02 15:42	65.1,-96.29	Moving	0:14	8
Summer	C-GQMR	29543251	2020-07-02 15:43	65.1,-96.29	2020-07-02 15:55	65.02,-96.07	Moving	0:12	7
Summer	C-GQMR	29543716	2020-07-02 17:40	65.02,-96.07	2020-07-02 18:07	65.02,-96.07	Moving	0:27	13
Summer	C-GQMR	29543814	2020-07-02 18:08	65.02,-96.06	2020-07-02 18:19	65.09,-95.88	Moving	0:11	5
Summer	C-GQMR	29543852	2020-07-02 18:19	65.08,-95.88	2020-07-02 18:24	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29545472	2020-07-03 6:07	65.02,-96.06	2020-07-03 6:20	65.09,-95.88	Moving	0:13	6
Summer	C-GQMR	29545499	2020-07-03 6:21	65.08,-95.87	2020-07-03 6:26	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29545528	2020-07-03 6:29	65.02,-96.06	2020-07-03 6:43	65.02,-96.07	Moving	0:13	13
Summer	C-GQMR	29545926	2020-07-03 8:58	65.02,-96.07	2020-07-03 9:06	65.09,-95.88	Moving	0:07	6
Summer	C-GQMR	29546057	2020-07-03 9:46	65.09,-95.88	2020-07-03 9:58	65.1,-96.3	Moving	0:11	11
Summer	C-GQMR	29546097	2020-07-03 9:59	65.09,-96.29	2020-07-03 10:08	65.02,-96.07	Moving	0:09	6
Summer	C-GQMR	29546685	2020-07-03 13:17	65.02,-96.07	2020-07-03 13:25	65.09,-95.88	Moving	0:08	6
Summer	C-GQMR	29546702	2020-07-03 13:25	65.08,-95.88	2020-07-03 13:31	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29547107	2020-07-03 15:32	65.02,-96.07	2020-07-03 15:48	65.1,-96.29	Moving	0:16	8
Summer	C-GQMR	29547228	2020-07-03 16:08	65.1,-96.29	2020-07-03 16:23	65.02,-96.07	Moving	0:14	7
Summer	C-GQMR	29547268	2020-07-03 16:24	65.02,-96.06	2020-07-03 16:59	65.02,-96.07	Moving	0:34	22
Summer	C-GQMR	29547553	2020-07-03 18:03	65.02,-96.07	2020-07-03 18:16	65.09,-95.88	Moving	0:12	6
Summer	C-GQMR	29547608	2020-07-03 18:17	65.08,-95.89	2020-07-03 18:25	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29549235	2020-07-04 6:09	65.02,-96.06	2020-07-04 6:18	65.09,-95.88	Moving	0:08	5
Summer	C-GQMR	29549248	2020-07-04 6:19	65.08,-95.89	2020-07-04 6:27	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29549271	2020-07-04 6:29	65.02,-96.06	2020-07-04 6:50	65.08,-95.98	Moving	0:20	20
Summer	C-GQMR	29549317	2020-07-04 6:51	65.08,-95.96	2020-07-04 8:07	65.02,-96.07	Moving	1:15	12
Summer	C-GQMR	29549495	2020-07-04 8:08	65.02,-96.06	2020-07-04 9:00	65.09,-95.88	Moving	0:51	8
Summer	C-GQMR	29549618	2020-07-04 9:01	65.09,-95.87	2020-07-04 9:10	65.02,-96.07	Moving	0:09	7
Summer	C-GQMR	29549642	2020-07-04 9:11	65.02,-96.06	2020-07-04 9:18	65.09,-96.29	Moving	0:07	7
Summer	C-GQMR	29549664	2020-07-04 9:20	65.09,-96.28	2020-07-04 9:34	65.02,-96.07	Moving	0:14	8
Summer	C-GQMR	29549699	2020-07-04 9:35	65.02,-96.06	2020-07-04 9:42	65.09,-95.88	Moving	0:06	6
Summer	C-GQMR	29549943	2020-07-04 10:59	65.09,-95.88	2020-07-04 11:38	65.02,-96.07	Moving	0:38	8
Summer	C-GQMR	29550144	2020-07-04 12:08	65.02,-96.07	2020-07-04 12:15	65.1,-96.26	Moving	0:06	6
Summer	C-GQMR	29550178	2020-07-04 12:15	65.11,-96.25	2020-07-04 12:21	65.09,-96.01	Moving	0:05	6
Summer	C-GQMR	29550265	2020-07-04 12:47	65.09,-96.01	2020-07-04 13:05	65.25,-96.43	Moving	0:18	14
Summer	C-GQMR	29550327	2020-07-04 13:07	65.25,-96.42	2020-07-04 13:22	65.02,-96.07	Moving	0:15	16
Summer	C-GQMR	29550381	2020-07-04 13:24	65.02,-96.06	2020-07-04 13:29	65.09,-95.87	Moving	0:04	6
Summer	C-GQMR	29550406	2020-07-04 13:31	65.08,-95.89	2020-07-04 13:51	65.02,-96.07	Moving	0:20	12
Summer	C-GQMR	29550823	2020-07-04 15:54	65.02,-96.07	2020-07-04 16:04	65.09,-96.29	Moving	0:09	8
Summer	C-GQMR	29550865	2020-07-04 16:05	65.09,-96.28	2020-07-04 16:21	65.02,-96.07	Moving	0:16	8
Summer	C-GQMR	29551172	2020-07-04 17:41	65.02,-96.07	2020-07-04 17:59	65.02,-96.07	Moving	0:18	13
Summer	C-GQMR	29551230	2020-07-04 18:01	65.02,-96.06	2020-07-04 18:13	65.09,-95.88	Moving	0:12	6
Summer	C-GQMR	29551263	2020-07-04 18:14	65.08,-95.88	2020-07-04 18:26	65.02,-96.07	Moving	0:12	6
Summer	C-GQMR	29553184	2020-07-05 6:06	65.02,-96.06	2020-07-05 6:18	65.09,-95.88	Moving	0:11	6
Summer	C-GQMR	29553201	2020-07-05 6:19	65.08,-95.89	2020-07-05 6:24	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29553214	2020-07-05 6:26	65.02,-96.06	2020-07-05 7:00	65.02,-96.07	Moving	0:34	27
Summer	C-GQMR	29553579	2020-07-05 9:18	65.02,-96.07	2020-07-05 9:30	65.24,-96.05	Moving	0:11	13
Summer	C-GQMR	29553612	2020-07-05 9:32	65.24,-96.04	2020-07-05 9:44	65.41,-96.68	Moving	0:11	18
Summer	C-GQMR	29553724	2020-07-05 10:17	65.41,-96.68	2020-07-05 10:22	65.4,-96.77	Moving	0:05	3
Summer	C-GQMR	29553738	2020-07-05 10:24	65.4,-96.77	2020-07-05 11:09	65.41,-96.68	Moving	0:44	19
Summer	C-GQMR	29553881	2020-07-05 11:24	65.41,-96.68	2020-07-05 11:42	65.24,-96.05	Moving	0:18	18
Summer	C-GQMR	29553942	2020-07-05 11:52	65.24,-96.05	2020-07-05 12:28	65.09,-95.88	Moving	0:36	14
Summer	C-GQMR	29554110	2020-07-05 13:01	65.09,-95.88	2020-07-05 13:29	65.02,-96.07	Moving	0:28	6
Summer	C-GQMR	29554370	2020-07-05 14:34	65.02,-96.07	2020-07-05 14:41	65.09,-95.87	Moving	0:07	6
Summer	C-GQMR	29554454	2020-07-05 15:02	65.09,-95.87	2020-07-05 15:28	65.08,-95.98	Moving	0:26	3
Summer	C-GQMR	29554525	2020-07-05 15:29	65.07,-95.98	2020-07-05 15:44	65.09,-95.87	Moving	0:15	11
Summer	C-GQMR	29554636	2020-07-05 16:02	65.09,-95.87	2020-07-05 16:11	65.03,-96.16	Moving	0:08	8
Summer	C-GQMR	29554671	2020-07-05 16:13	65.04,-96.15	2020-07-05 16:53	65.02,-96.07	Moving	0:40	20
Summer	C-GQMR	29554991	2020-07-05 18:16	65.02,-96.07	2020-07-05 18:25	65.09,-95.88	Moving	0:08	6
Summer	C-GQMR	29555024	2020-07-05 18:27	65.08,-95.89	2020-07-05 18:32	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29556604	2020-07-06 6:15	65.02,-96.06	2020-07-06 6:27	65.05,-96.03	Moving	0:12	10
Summer	C-GQMR	29556624	2020-07-06 6:27	65.08,-95.87	2020-07-06 6:30	65.02,-96.07	Moving		

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-GQMR	29557246	2020-07-06 10:17	65.12,-96.11	2020-07-06 10:26	65.02,-96.07	Moving	0:08	5
Summer	C-GQMR	29557857	2020-07-06 13:34	65.02,-96.04	2020-07-06 13:46	65.09,-96.01	Moving	0:12	4
Summer	C-GQMR	29557902	2020-07-06 13:47	65.09,-96.01	2020-07-06 13:52	65.02,-96.07	Moving	0:05	4
Summer	C-GQMR	29558519	2020-07-06 16:58	65.02,-96.06	2020-07-06 17:13	65.41,-96.68	Moving	0:15	28
Summer	C-GQMR	29558660	2020-07-06 17:43	65.41,-96.68	2020-07-06 18:08	65.09,-95.88	Moving	0:25	27
Summer	C-GQMR	29558731	2020-07-06 18:10	65.08,-95.88	2020-07-06 18:15	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29560324	2020-07-07 6:04	65.02,-96.06	2020-07-07 6:15	65.09,-95.87	Moving	0:11	6
Summer	C-GQMR	29560351	2020-07-07 6:17	65.08,-95.88	2020-07-07 6:23	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29560367	2020-07-07 6:24	65.02,-96.06	2020-07-07 6:44	65.02,-96.07	Moving	0:19	13
Summer	C-GQMR	29560544	2020-07-07 7:29	65.02,-96.07	2020-07-07 7:36	65.09,-95.87	Moving	0:06	6
Summer	C-GQMR	29560610	2020-07-07 7:54	65.09,-95.87	2020-07-07 8:03	65.27,-96.08	Moving	0:09	12
Summer	C-GQMR	29560642	2020-07-07 8:04	65.27,-96.07	2020-07-07 8:19	65.02,-96.07	Moving	0:14	14
Summer	C-GQMR	29561051	2020-07-07 10:07	65.02,-96.07	2020-07-07 10:29	65.08,-95.97	Moving	0:21	9
Summer	C-GQMR	29561117	2020-07-07 10:29	65.08,-95.96	2020-07-07 10:45	65.12,-96.11	Moving	0:16	8
Summer	C-GQMR	29561169	2020-07-07 10:45	65.12,-96.1	2020-07-07 10:52	65.09,-95.87	Moving	0:06	6
Summer	C-GQMR	29561197	2020-07-07 10:54	65.09,-95.87	2020-07-07 11:47	65.09,-95.87	Moving	0:53	50
Summer	C-GQMR	29561403	2020-07-07 11:48	65.09,-95.87	2020-07-07 11:53	65.12,-96.11	Moving	0:04	6
Summer	C-GQMR	29561429	2020-07-07 11:54	65.12,-96.1	2020-07-07 12:18	65.02,-96.07	Moving	0:23	12
Summer	C-GQMR	29561518	2020-07-07 12:18	65.02,-96.06	2020-07-07 14:05	65.08,-95.98	Moving	1:46	108
Summer	C-GQMR	29561877	2020-07-07 14:06	65.07,-95.98	2020-07-07 14:17	65.02,-96.07	Moving	0:10	4
Summer	C-GQMR	29561912	2020-07-07 14:17	65.02,-96.06	2020-07-07 15:25	65.08,-95.98	Moving	1:08	68
Summer	C-GQMR	29562107	2020-07-07 15:27	65.07,-95.97	2020-07-07 15:36	65.02,-96.07	Moving	0:08	4
Summer	C-GQMR	29562134	2020-07-07 15:36	65.02,-96.06	2020-07-07 15:46	65.24,-96.09	Moving	0:09	13
Summer	C-GQMR	29562167	2020-07-07 15:47	65.24,-96.09	2020-07-07 16:06	65.02,-96.07	Moving	0:19	16
Summer	C-GQMR	29562221	2020-07-07 16:07	65.02,-96.06	2020-07-07 17:23	65.09,-95.87	Moving	1:16	79
Summer	C-GQMR	29562464	2020-07-07 17:24	65.09,-95.88	2020-07-07 17:41	65.06,-96.09	Moving	0:16	9
Summer	C-GQMR	29562524	2020-07-07 17:41	65.12,-96.1	2020-07-07 17:48	65.02,-96.07	Moving	0:06	6
Summer	C-GQMR	29562596	2020-07-07 18:02	65.02,-96.07	2020-07-07 18:15	65.12,-96.11	Moving	0:13	8
Summer	C-GQMR	29562648	2020-07-07 18:17	65.13,-96.1	2020-07-07 18:22	65.02,-96.07	Moving	0:04	6
Summer	C-GQMR	29564306	2020-07-08 6:09	65.02,-96.07	2020-07-08 6:19	65.12,-96.11	Moving	0:09	6
Summer	C-GQMR	29564330	2020-07-08 6:21	65.12,-96.1	2020-07-08 6:26	65.02,-96.07	Moving	0:05	5
Summer	C-GQMR	29564344	2020-07-08 6:29	65.02,-96.06	2020-07-08 7:10	65.12,-96.1	Moving	0:41	33
Summer	C-GQMR	29564448	2020-07-08 7:10	65.12,-96.1	2020-07-08 7:20	65.02,-96.07	Moving	0:09	5
Summer	C-GQMR	29564766	2020-07-08 8:49	65.02,-96.07	2020-07-08 8:59	65.03,-96.16	Moving	0:09	3
Summer	C-GQMR	29564817	2020-07-08 9:00	65.03,-96.15	2020-07-08 9:15	65.12,-96.11	Moving	0:15	10
Summer	C-GQMR	29564881	2020-07-08 9:16	65.12,-96.1	2020-07-08 9:22	65.02,-96.07	Moving	0:06	5
Summer	C-GQMR	29564909	2020-07-08 9:24	65.02,-96.06	2020-07-08 9:31	65.1,-96.29	Moving	0:07	8
Summer	C-GQMR	29564937	2020-07-08 9:33	65.1,-96.29	2020-07-08 9:39	65.02,-96.07	Moving	0:05	7
Summer	C-GQMR	29565142	2020-07-08 10:35	65.02,-96.07	2020-07-08 10:55	65.09,-95.87	Moving	0:19	10
Summer	C-GQMR	29565202	2020-07-08 10:56	65.09,-95.87	2020-07-08 11:01	65.12,-96.11	Moving	0:04	6
Summer	C-GQMR	29565240	2020-07-08 11:03	65.12,-96.1	2020-07-08 11:08	65.24,-96.05	Moving	0:04	7
Summer	C-GQMR	29565255	2020-07-08 11:10	65.24,-96.05	2020-07-08 12:46	65.02,-96.07	Moving	1:36	98
Summer	C-GQMR	29565639	2020-07-08 12:46	65.02,-96.06	2020-07-08 13:23	65.24,-96.05	Moving	0:36	37
Summer	C-GQMR	29565794	2020-07-08 13:23	65.23,-96.06	2020-07-08 13:30	65.09,-95.87	Moving	0:06	9
Summer	C-GQMR	29565818	2020-07-08 13:32	65.08,-95.88	2020-07-08 13:38	65.03,-96.16	Moving	0:05	7
Summer	C-GQMR	29565849	2020-07-08 13:40	65.03,-96.15	2020-07-08 15:05	65.11,-96.25	Moving	1:25	10
Summer	C-GQMR	29566164	2020-07-08 15:07	65.1,-96.26	2020-07-08 15:20	65.02,-96.07	Moving	0:13	8
Summer	C-GQMR	29566702	2020-07-08 17:40	65.02,-96.07	2020-07-08 18:02	65.02,-96.07	Moving	0:21	12
Summer	C-GQMR	29566780	2020-07-08 18:03	65.03,-96.08	2020-07-08 18:14	65.12,-96.11	Moving	0:10	5
Summer	C-GQMR	29566832	2020-07-08 18:14	65.12,-96.1	2020-07-08 18:25	65.02,-96.07	Moving	0:10	5
Summer	C-GQMR	29568597	2020-07-09 6:13	65.04,-96.04	2020-07-09 6:22	65.02,-96.07	Moving	0:08	6
Summer	C-GQMR	29569159	2020-07-09 9:25	65.02,-96.07	2020-07-09 9:44	65.02,-96.07	Moving	0:18	12
Summer	C-GQMR	29569215	2020-07-09 9:45	65.03,-96.08	2020-07-09 9:58	65.13,-96.11	Moving	0:13	6
Summer	C-GQMR	29569253	2020-07-09 9:59	65.13,-96.1	2020-07-09 10:20	65.12,-96.11	Moving	0:20	13
Summer	C-GQMR	29569321	2020-07-09 10:21	65.13,-96.1	2020-07-09 10:31	65.13,-96.09	Moving	0:10	13
Summer	C-GQMR	29569370	2020-07-09 10:31	65.24,-96.06	2020-07-09 10:45	65.12,-96.11	Moving	0:13	20
Summer	C-GQMR	29569432	2020-07-09 10:46	65.13,-96.11	2020-07-09 11:03	65.02,-96.07	Moving	0:16	18
Summer	C-GQMR	29569503	2020-07-09 11:04	65.03,-96.08	2020-07-09 12:07	65.41,-96.68	Moving	1:02	71
Summer	C-GQMR	29569728	2020-07-09 12:08	65.41,-96.67	2020-07-09 12:18	65.24,-96.05	Moving	0:10	18
Summer	C-GQMR	29569773	2020-07-09 12:19	65.24,-96.06	2020-07-09 13:18	65.02,-96.07	Moving	0:59	54
Summer	C-GQMR	29570016	2020-07-09 13:20	65.03,-96.08	2020-07-09 13:51	65.17,-96.07	Moving	0:31	30
Summer	C-GQMR	29570119	2020-07-09 13:52	65.17,-96.08	2020-07-09 15:59	65.03,-96.08	Moving	2:06	132
Summer	C-GQMR	29570525	2020-07-09 15:59	65.03,-96.08	2020-07-09 16:54	65.12,-96.11	Moving	0:55	60
Summer	C-GQMR	29570714	2020-07-09 16:55	65.13,-96.11	2020-07-09 17:09	65.24,-96.05	Moving	0:13	6
Summer	C-GQMR	29570778	2020-07-09 17:10	65.23,-96.06	2020-07-09 17:22	65.02,-96.07	Moving	0:11	12
Summer	C-GQMR	29571004	2020-07-09 18:07	65.02,-96.07	2020-07-09 18:24	65.24,-96.05	Moving	0:16	12
Summer	C-GQMR	29571081	2020-07-09 18:25	65.23,-96.06	2020-07-09 18:33	65.02,-96.07	Moving	0:07	13
Summer	C-GQMR	29572757	2020-07-10 6:09	65.02,-96.07	2020-07-10 6:27	65.24,-96.05	Moving	0:18	13
Summer	C-GQMR	29572797	2020-07-10 6:28	65.23,-96.06	2020-07-10 6:36	65.02,-96.07	Moving	0:08	13
Summer	C-GQMR	29572810	2020-07-10 6:38	65.03,-96.08	2020-07-10 7:00	65.02,-96.07	Moving	0:22	25
Summer	C-GQMR	29573059	2020-07-10 8:15	65.02,-96.07	2020-07-10 8:26	65.24,-96.05	Moving	0:10	12
Summer	C-GQMR	29573089	2020-07-10 8:28	65.24,-96.06	2020-07-10 8:40	65.02,-96.07	Moving	0:11	14
Summer	C-GQMR	29573200	2020-07-10 9:06	65.02,-96.07	2020-07-10 9:32	65.02,-96.07	Moving	0:26	27
Summer	C-GQMR	29574079	2020-07-10 13:17	65.02,-96.07	2020-07-10 13:25	65.12,-96.11	Moving	0:07	6
Summer	C-GQMR	29574114	2020-07-10 13:26	65.13,-96.11	2020-07-10 13:34	65.24,-96.05	Moving	0:07	6
Summer	C-GQMR	29574149	2020-07-10 13:35	65.23,-96.06	2020-07-10 15:37	65.08,-95.98	Moving	2:01	121
Summer	C-GQMR	29574596	2020-07-10 15:37	65.07,-95.98	2020-07-10 15:48	65.02,-96.07	Moving	0:11	4
Summer	C-GQMR	29574645	2020-07-10 15:49	65.03,-96.08	2020-07-10 16:02	65.24,-96.05	Moving	0:12	12
Summer	C-GQMR	29574672	2020-07-10 16:02	65.24,-96.04	2020-07-10 16:17	65.02,-96.07	Moving	0:15	14
Summer	C-GQMR	29574726	2020-07-10 16:19	65.03,-96.08	2020-07-10 16:42	65.02,-96.07	Moving	0:23	26
Summer	C-GQMR	29575122	2020-07-10 18:05	65.02,-96.07	2020-07-10 18:20	65.24,-96.05	Moving	0:14	13
Summer	C-GQMR	29575173	2020-07-10 18:21	65.24,-96.06	2020-07-10 18:29	65.02,-96.07	Moving	0:08	12
Summer	C-GQMR	29576913	2020-07-11 5:51	65.02,-96.07	2020-07-11 7:16	65.24,-96.05	Moving	1:25	13
Summer	C-GQMR	29577093	2020-07-11 7:18	65.24,-96.06	2020-07-11 7:31	65.02,-96.07	Moving	0:12	13
Summer	C-GQMR	29577118	2020-07-11 7:33	65.02,-96.06	2020-07-11 8:58	65.02,-96.07	Moving	1:24	94
Summer	C-GQMR	29577421	2020-07-11 9:30	65.02,-96.07	2020-07-11 9:41	65.23,-96.08	Moving	0:10	12
Summer	C-GQMR	29577451	2020-07-11 9:42	65.23,-96.07	2020-07-11 9:54	65.02,-96.07	Moving	0:11	13
Summer	C-GQMR	29577521	2020-07-11 10:12	65.02,-96.07	2020-07-11 10:36	65.02,-96.07	Moving	0:24	26
Summer	C-GQMR	29578467	2020-07-11 15:33	65.02,-96.06	2020-07-11 15:44	65.24,-96.05	Moving	0:10	13
Summer	C-GQMR	29578496	2020-07-11 15:44	65.24,-96.06	2020-07-11 16:09	65.02,-96.07	Moving	0:25	15
Summer	C-GQMR	29578585	2020-07-11 16:09	65.03,-96.07	2020-07-11 17:04	65.02,-96.07	Moving	0:54	54
Summer	C-GQMR	29578776	2020-07-11 17:05	65.03,-96.07	2020-07-11 17:29	65.02,-96.07	Moving	0:23	27
Summer	C-GQMR	29578996	2020-07-11 18:04	65.02,-96.07	2020-07-11 18:19	65.23,-96.06	Moving	0:15	13
Summer	C-GQMR	29579041	2020-07-11 18:19	65.23,-96.06	2020-07-11 18:29	65.02,-96.07	Moving	0:09	12
Summer	C-GQMR	29585013	2020-07-13 12:17	65.02,-96.07	2020-07-13 12:25	65.24,-96.05	Moving	0:08	13
Summer	C-GQMR	29585103	2020-07-13 12:43	65.24,-96.05	2020-07-13 13:48	65.02,-96.07	Moving	1:05	13
Summer	C-GQMR	29585373	2020-07-13 13:50	65.02,-96.06	2020-07-13 14:14	65.24,-96.05	Moving	0:24	13
Summer	C-GQMR	29585573	2020-07-						

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-GQMR	29590573	2020-07-14 18:01	65.02,-96.07	2020-07-14 18:16	65.24,-96.05	Moving	0:15	12
Summer	C-GQMR	29590636	2020-07-14 18:16	65.23,-96.04	2020-07-14 18:36	65.02,-96.07	Moving	0:19	12
Summer	C-GQMR	29592534	2020-07-15 6:03	65.03,-96.06	2020-07-15 6:15	65.24,-96.05	Moving	0:11	12
Summer	C-GQMR	29592556	2020-07-15 6:16	65.23,-96.04	2020-07-15 6:26	65.02,-96.07	Moving	0:10	12
Summer	C-GQMR	29592580	2020-07-15 6:27	65.03,-96.06	2020-07-15 7:19	65.02,-96.07	Moving	0:51	56
Summer	C-GQMR	29592707	2020-07-15 7:27	65.02,-96.07	2020-07-15 9:33	65.31,-96.45	Moving	2:06	19
Summer	C-GQMR	29593067	2020-07-15 9:35	65.31,-96.45	2020-07-15 9:56	65.02,-96.07	Moving	0:20	21
Summer	C-GQMR	29593138	2020-07-15 9:56	65.03,-96.06	2020-07-15 10:02	65.22,-96.06	Moving	0:06	11
Summer	C-GQMR	29593244	2020-07-15 10:27	65.24,-96.05	2020-07-15 11:50	65.02,-96.07	Moving	1:23	16
Summer	C-GQMR	29593630	2020-07-15 12:06	65.02,-96.07	2020-07-15 12:15	65.25,-96.05	Moving	0:09	13
Summer	C-GQMR	29593686	2020-07-15 12:16	65.24,-96.05	2020-07-15 12:53	65.24,-96.05	Moving	0:36	5
Summer	C-GQMR	29593823	2020-07-15 12:54	65.24,-96.05	2020-07-15 13:51	65.02,-96.07	Moving	0:57	14
Summer	C-GQMR	29594099	2020-07-15 14:16	65.02,-96.07	2020-07-15 16:26	65.3,-96.49	Moving	2:10	22
Summer	C-GQMR	29594506	2020-07-15 16:27	65.31,-96.49	2020-07-15 16:45	65.02,-96.07	Moving	0:18	21
Summer	C-GQMR	29594598	2020-07-15 16:54	65.02,-96.07	2020-07-15 17:22	65.41,-96.68	Moving	0:27	31
Summer	C-GQMR	29594707	2020-07-15 17:22	65.4,-96.67	2020-07-15 17:46	65.02,-96.07	Moving	0:23	31
Summer	C-GQMR	29594782	2020-07-15 17:48	65.03,-96.06	2020-07-15 18:00	65.24,-96.05	Moving	0:11	12
Summer	C-GQMR	29594835	2020-07-15 18:01	65.23,-96.04	2020-07-15 18:09	65.02,-96.07	Moving	0:07	12
Summer	C-GQMR	29594858	2020-07-15 18:11	65.03,-96.07	2020-07-15 18:24	65.24,-96.05	Moving	0:12	12
Summer	C-GQMR	29594976	2020-07-15 18:41	65.24,-96.05	2020-07-15 18:54	65.02,-96.07	Moving	0:13	13
Summer	C-GQMR	29595025	2020-07-15 18:57	65.02,-96.07	2020-07-16 6:23	65.24,-96.05	Moving	11:25	13
Summer	C-GQMR	29596582	2020-07-16 6:24	65.23,-96.05	2020-07-16 6:34	65.02,-96.07	Moving	0:09	12
Summer	C-GQMR	29596864	2020-07-16 8:26	65.02,-96.07	2020-07-16 8:42	65.24,-96.04	Moving	0:15	13
Summer	C-GQMR	29596910	2020-07-16 8:42	65.24,-96.05	2020-07-16 8:59	65.02,-96.07	Moving	0:17	13
Summer	C-GQMR	29598545	2020-07-16 16:13	65.03,-96.08	2020-07-16 16:47	65.02,-96.07	Moving	0:34	26
Summer	C-GQMR	29598699	2020-07-16 16:48	65.03,-96.08	2020-07-16 17:21	65.02,-96.07	Moving	0:32	28
Summer	C-GQMR	29598953	2020-07-16 18:01	65.02,-96.07	2020-07-16 18:22	65.24,-96.05	Moving	0:20	12
Summer	C-GQMR	29599024	2020-07-16 18:23	65.24,-96.06	2020-07-16 18:33	65.02,-96.07	Moving	0:09	12
Summer	C-GQMR	29600744	2020-07-17 6:13	65.02,-96.07	2020-07-17 6:30	65.24,-96.05	Moving	0:16	13
Summer	C-GQMR	29600775	2020-07-17 6:30	65.24,-96.05	2020-07-17 6:42	65.02,-96.07	Moving	0:12	12
Summer	C-GQMR	29600813	2020-07-17 6:53	65.02,-96.07	2020-07-17 7:08	65.24,-96.05	Moving	0:15	12
Summer	C-GQMR	29600924	2020-07-17 7:31	65.24,-96.05	2020-07-17 8:51	65.24,-96.05	Moving	1:19	11
Summer	C-GQMR	29601188	2020-07-17 8:52	65.24,-96.05	2020-07-17 9:19	65.02,-96.07	Moving	0:27	13
Summer	C-GQMR	29601289	2020-07-17 9:32	65.02,-96.07	2020-07-17 10:31	65.24,-96.05	Moving	0:59	20
Summer	C-GQMR	29601479	2020-07-17 10:31	65.24,-96.05	2020-07-17 10:44	65.02,-96.07	Moving	0:13	13
Summer	C-GQMR	29601547	2020-07-17 10:54	65.02,-96.07	2020-07-17 11:13	65.11,-96.25	Moving	0:18	7
Summer	C-GQMR	29601617	2020-07-17 11:13	65.1,-96.26	2020-07-17 12:08	65.28,-96.39	Moving	0:54	13
Summer	C-GQMR	29601802	2020-07-17 12:10	65.29,-96.39	2020-07-17 12:17	65.24,-96.05	Moving	0:06	9
Summer	C-GQMR	29601818	2020-07-17 12:18	65.24,-96.06	2020-07-17 12:24	65.09,-96.29	Moving	0:06	10
Summer	C-GQMR	29601835	2020-07-17 12:26	65.1,-96.29	2020-07-17 12:35	65.24,-96.05	Moving	0:08	10
Summer	C-GQMR	29601904	2020-07-17 12:48	65.24,-96.05	2020-07-17 14:04	65.02,-96.07	Moving	1:16	60
Summer	C-GQMR	29602177	2020-07-17 14:07	65.03,-96.07	2020-07-17 14:50	65.09,-96.29	Moving	0:43	45
Summer	C-GQMR	29602313	2020-07-17 14:51	65.1,-96.29	2020-07-17 14:59	65.24,-96.05	Moving	0:07	10
Summer	C-GQMR	29602385	2020-07-17 15:07	65.24,-96.05	2020-07-17 15:17	65.02,-96.07	Moving	0:10	13
Summer	C-GQMR	29602574	2020-07-17 16:04	65.02,-96.07	2020-07-17 16:24	65.28,-96.36	Moving	0:19	17
Summer	C-GQMR	29602646	2020-07-17 16:25	65.28,-96.37	2020-07-17 16:48	65.02,-96.07	Moving	0:22	18
Summer	C-GQMR	29602722	2020-07-17 16:49	65.03,-96.07	2020-07-17 17:15	65.02,-96.07	Moving	0:26	26
Summer	C-GQMR	29602971	2020-07-17 18:05	65.02,-96.07	2020-07-17 18:18	65.25,-96.05	Moving	0:13	13
Summer	C-GQMR	29603029	2020-07-17 18:20	65.24,-96.06	2020-07-17 18:27	65.02,-96.07	Moving	0:07	13
Summer	C-GQMR	29604801	2020-07-18 6:20	65.03,-96.07	2020-07-18 6:34	65.25,-96.05	Moving	0:14	13
Summer	C-GQMR	29604823	2020-07-18 6:36	65.24,-96.06	2020-07-18 6:50	65.02,-96.07	Moving	0:14	13
Summer	C-GQMR	29604854	2020-07-18 6:52	65.03,-96.07	2020-07-18 7:56	65.24,-96.04	Moving	1:03	71
Summer	C-GQMR	29604980	2020-07-18 7:56	65.24,-96.05	2020-07-18 8:16	65.02,-96.07	Moving	0:19	14
Summer	C-GQMR	29605072	2020-07-18 8:37	65.02,-96.07	2020-07-18 9:31	65.5,-97.02	Moving	0:53	38
Summer	C-GQMR	29605221	2020-07-18 9:33	65.5,-97.02	2020-07-18 14:19	65.03,-96.08	Moving	4:46	37
Summer	C-GQMR	29606056	2020-07-18 14:19	65.03,-96.08	2020-07-18 14:47	65.02,-96.07	Moving	0:27	31
Summer	C-GQMR	29606304	2020-07-18 15:34	65.02,-96.07	2020-07-18 15:46	65.25,-96.05	Moving	0:12	13
Summer	C-GQMR	29606405	2020-07-18 16:03	65.25,-96.05	2020-07-18 16:29	65.25,-96.05	Moving	0:25	22
Summer	C-GQMR	29606520	2020-07-18 16:31	65.24,-96.06	2020-07-18 16:37	65.09,-96.29	Moving	0:05	10
Summer	C-GQMR	29606556	2020-07-18 16:39	65.1,-96.29	2020-07-18 16:49	65.02,-96.07	Moving	0:10	6
Summer	C-GQMR	29606601	2020-07-18 16:51	65.03,-96.07	2020-07-18 17:53	65.09,-96.29	Moving	1:01	66
Summer	C-GQMR	29606820	2020-07-18 17:53	65.1,-96.29	2020-07-18 18:01	65.25,-96.05	Moving	0:07	10
Summer	C-GQMR	29606869	2020-07-18 18:02	65.24,-96.06	2020-07-18 18:18	65.02,-96.07	Moving	0:16	13
Summer	C-GQMR	29608727	2020-07-19 6:41	65.02,-96.07	2020-07-19 6:47	65.09,-96.29	Moving	0:06	7
Summer	C-GQMR	29608746	2020-07-19 6:48	65.1,-96.29	2020-07-19 7:00	65.25,-96.06	Moving	0:11	10
Summer	C-GQMR	29608768	2020-07-19 7:01	65.25,-96.07	2020-07-19 8:32	65.02,-96.07	Moving	1:31	105
Summer	C-GQMR	29609004	2020-07-19 8:38	65.02,-96.07	2020-07-19 10:37	65.11,-96.25	Moving	1:58	136
Summer	C-GQMR	29609279	2020-07-19 10:38	65.11,-96.25	2020-07-19 10:46	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29609341	2020-07-19 11:02	65.02,-96.07	2020-07-19 13:16	65.02,-96.07	Moving	2:14	147
Summer	C-GQMR	29609687	2020-07-19 13:20	65.02,-96.07	2020-07-19 15:42	65.02,-96.07	Moving	2:21	162
Summer	C-GQMR	29610080	2020-07-19 15:53	65.02,-96.07	2020-07-19 16:23	65.25,-96.06	Moving	0:30	35
Summer	C-GQMR	29610172	2020-07-19 16:25	65.25,-96.07	2020-07-19 16:38	65.09,-96.29	Moving	0:13	10
Summer	C-GQMR	29610228	2020-07-19 16:40	65.1,-96.29	2020-07-19 16:59	65.02,-96.07	Moving	0:18	9
Summer	C-GQMR	29610333	2020-07-19 17:09	65.02,-96.07	2020-07-19 17:21	65.27,-96.4	Moving	0:11	17
Summer	C-GQMR	29610386	2020-07-19 17:22	65.27,-96.4	2020-07-19 17:39	65.02,-96.07	Moving	0:17	17
Summer	C-GQMR	29610508	2020-07-19 18:07	65.02,-96.07	2020-07-19 18:14	65.09,-96.29	Moving	0:07	7
Summer	C-GQMR	29610534	2020-07-19 18:16	65.09,-96.28	2020-07-19 18:21	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29613754	2020-07-20 14:26	65.03,-96.08	2020-07-20 14:32	65.1,-96.3	Moving	0:05	7
Summer	C-GQMR	29613775	2020-07-20 14:33	65.1,-96.29	2020-07-20 14:44	65.24,-96.05	Moving	0:11	10
Summer	C-GQMR	29613814	2020-07-20 14:44	65.24,-96.06	2020-07-20 15:47	65.02,-96.07	Moving	1:02	59
Summer	C-GQMR	29614040	2020-07-20 15:48	65.03,-96.07	2020-07-20 16:29	65.1,-96.3	Moving	0:40	44
Summer	C-GQMR	29614173	2020-07-20 16:31	65.11,-96.29	2020-07-20 16:37	65.25,-96.05	Moving	0:06	10
Summer	C-GQMR	29614206	2020-07-20 16:38	65.24,-96.06	2020-07-20 16:48	65.02,-96.07	Moving	0:10	13
Summer	C-GQMR	29616352	2020-07-21 5:59	65.02,-96.07	2020-07-21 6:13	65.09,-96.29	Moving	0:13	7
Summer	C-GQMR	29616386	2020-07-21 6:15	65.1,-96.29	2020-07-21 6:28	65.09,-96.29	Moving	0:12	14
Summer	C-GQMR	29616415	2020-07-21 6:29	65.09,-96.29	2020-07-21 6:49	65.02,-96.07	Moving	0:20	6
Summer	C-GQMR	29616484	2020-07-21 7:03	65.02,-96.07	2020-07-21 8:31	65.41,-96.68	Moving	1:27	27
Summer	C-GQMR	29616736	2020-07-21 8:33	65.41,-96.68	2020-07-21 9:39	65.5,-96.98	Moving	1:06	10
Summer	C-GQMR	29616957	2020-07-21 9:41	65.5,-96.97	2020-07-21 9:50	65.41,-96.68	Moving	0:09	9
Summer	C-GQMR	29617106	2020-07-21 10:29	65.41,-96.68	2020-07-21 10:42	65.09,-96.29	Moving	0:13	21
Summer	C-GQMR	29617151	2020-07-21 10:43	65.09,-96.28	2020-07-21 10:50	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29617186	2020-07-21 10:51	65.03,-96.08	2020-07-21 11:38	65.02,-96.07	Moving	0:46	35
Summer	C-GQMR	29618142	2020-07-21 15:09	65.02,-96.07	2020-07-21 15:40	65.5,-97.02	Moving	0:30	38
Summer	C-GQMR	29618414	2020-07-21 16:16	65.5,-97.02	2020-07-21 16:42	65.41,-96.68	Moving	0:25	13
Summer	C-GQMR	29618518	2020-07-21 16:43	65.41,-96.67	2020-07-21 17:00	65.02,-96.07	Moving	0:17	27
Summer	C-GQMR	29618607	2020-07-21 17:08	65.02,-96.07	2020-07-21 17:16	65.09,-96.29	Moving	0:08	7
Summer	C-GQMR	29618799	2020-07-21 18:01	65.09,-96.29	2020-07-21 18:19	65.02,-96.07	Moving	0:18	7
Summer	C-GQMR	296222							

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-GQMR	29623129	2020-07-22 18:44	65.02,-96.07	2020-07-23 8:17	65.25,-96.42	Moving	13:32	39
Summer	C-GQMR	29625065	2020-07-23 8:19	65.25,-96.41	2020-07-23 16:52	65.41,-96.68	Moving	8:33	14
Summer	C-GQMR	29626945	2020-07-23 16:52	65.4,-96.67	2020-07-23 17:10	65.02,-96.07	Moving	0:17	27
Summer	C-GQMR	29627011	2020-07-23 17:11	65.03,-96.07	2020-07-23 17:52	65.02,-96.07	Moving	0:40	32
Summer	C-GQMR	29627184	2020-07-23 18:03	65.02,-96.07	2020-07-23 18:20	65.02,-96.07	Moving	0:17	15
Summer	C-GQMR	29628972	2020-07-24 6:46	65.03,-96.07	2020-07-24 7:52	65.11,-96.25	Moving	1:05	7
Summer	C-GQMR	29629159	2020-07-24 7:52	65.11,-96.26	2020-07-24 8:46	65.02,-96.07	Moving	0:53	20
Summer	C-GQMR	29629328	2020-07-24 8:56	65.02,-96.07	2020-07-24 9:06	65.11,-96.25	Moving	0:09	6
Summer	C-GQMR	29629373	2020-07-24 9:08	65.11,-96.26	2020-07-24 11:25	65.02,-96.07	Moving	2:17	24
Summer	C-GQMR	29629797	2020-07-24 11:26	65.03,-96.07	2020-07-24 13:05	65.02,-96.07	Moving	1:39	39
Summer	C-GQMR	29630219	2020-07-24 13:13	65.02,-96.07	2020-07-24 14:00	65.1,-96.3	Moving	0:46	21
Summer	C-GQMR	29630415	2020-07-24 14:01	65.11,-96.29	2020-07-24 14:40	65.03,-96.16	Moving	0:38	6
Summer	C-GQMR	29630533	2020-07-24 14:41	65.03,-96.15	2020-07-24 15:10	65.03,-96.15	Moving	0:28	15
Summer	C-GQMR	29630633	2020-07-24 15:10	65.03,-96.15	2020-07-24 16:27	65.25,-96.41	Moving	1:17	18
Summer	C-GQMR	29630984	2020-07-24 16:48	65.25,-96.41	2020-07-24 16:59	65.41,-96.68	Moving	0:11	11
Summer	C-GQMR	29631033	2020-07-24 17:01	65.4,-96.67	2020-07-24 17:21	65.02,-96.07	Moving	0:20	27
Summer	C-GQMR	29631235	2020-07-24 18:02	65.02,-96.06	2020-07-24 18:13	65.11,-96.25	Moving	0:11	7
Summer	C-GQMR	29631280	2020-07-24 18:13	65.1,-96.26	2020-07-24 18:22	65.02,-96.07	Moving	0:08	6
Summer	C-GQMR	29633187	2020-07-25 7:05	65.02,-96.07	2020-07-25 7:56	65.02,-96.07	Moving	0:50	30
Summer	C-GQMR	29633369	2020-07-25 8:12	65.02,-96.07	2020-07-25 8:28	65.41,-96.68	Moving	0:16	27
Summer	C-GQMR	29633412	2020-07-25 8:29	65.4,-96.67	2020-07-25 8:38	65.26,-96.41	Moving	0:09	10
Summer	C-GQMR	29633442	2020-07-25 8:40	65.26,-96.4	2020-07-25 8:49	65.25,-96.06	Moving	0:09	8
Summer	C-GQMR	29633571	2020-07-25 9:24	65.25,-96.06	2020-07-25 10:48	65.11,-96.26	Moving	1:24	10
Summer	C-GQMR	29633785	2020-07-25 10:51	65.11,-96.25	2020-07-25 11:48	65.25,-96.42	Moving	0:57	12
Summer	C-GQMR	29633961	2020-07-25 11:49	65.25,-96.41	2020-07-25 12:03	65.02,-96.07	Moving	0:13	16
Summer	C-GQMR	29634145	2020-07-25 12:48	65.03,-96.06	2020-07-25 12:55	65.11,-96.25	Moving	0:06	6
Summer	C-GQMR	29634207	2020-07-25 13:08	65.11,-96.25	2020-07-25 13:43	65.1,-96.3	Moving	0:35	7
Summer	C-GQMR	29634326	2020-07-25 13:44	65.1,-96.29	2020-07-25 15:45	65.02,-96.07	Moving	2:00	23
Summer	C-GQMR	29634683	2020-07-25 15:52	65.02,-96.07	2020-07-25 17:39	65.02,-96.07	Moving	1:47	53
Summer	C-GQMR	29635012	2020-07-25 17:41	65.03,-96.07	2020-07-25 17:48	65.11,-96.25	Moving	0:07	8
Summer	C-GQMR	29635046	2020-07-25 17:49	65.1,-96.26	2020-07-25 18:09	65.02,-96.07	Moving	0:20	8
Summer	C-GQMR	29636693	2020-07-26 6:36	65.03,-96.07	2020-07-26 6:52	65.02,-96.07	Moving	0:16	14
Summer	C-GQMR	29636872	2020-07-26 7:59	65.02,-96.07	2020-07-26 8:06	65.09,-96.29	Moving	0:07	7
Summer	C-GQMR	29636892	2020-07-26 8:07	65.1,-96.28	2020-07-26 9:00	65.09,-96.29	Moving	0:53	21
Summer	C-GQMR	29637037	2020-07-26 9:01	65.1,-96.28	2020-07-26 9:10	65.03,-96.07	Moving	0:09	8
Summer	C-GQMR	29637085	2020-07-26 9:16	65.02,-96.07	2020-07-26 9:26	65.26,-96.41	Moving	0:10	16
Summer	C-GQMR	29637113	2020-07-26 9:27	65.25,-96.41	2020-07-26 9:43	65.41,-96.68	Moving	0:15	14
Summer	C-GQMR	29637147	2020-07-26 9:43	65.4,-96.67	2020-07-26 9:59	65.26,-96.4	Moving	0:16	15
Summer	C-GQMR	29637190	2020-07-26 10:00	65.26,-96.4	2020-07-26 11:06	65.02,-96.07	Moving	1:05	66
Summer	C-GQMR	29637373	2020-07-26 11:26	65.02,-96.07	2020-07-26 11:51	65.23,-96.4	Moving	0:25	15
Summer	C-GQMR	29637486	2020-07-26 12:08	65.23,-96.4	2020-07-26 12:18	65.09,-96.29	Moving	0:10	8
Summer	C-GQMR	29637554	2020-07-26 12:33	65.09,-96.29	2020-07-26 12:38	65.02,-96.07	Moving	0:05	6
Summer	C-GQMR	29637573	2020-07-26 12:41	65.02,-96.07	2020-07-26 16:41	65.26,-96.39	Moving	4:00	48
Summer	C-GQMR	29638316	2020-07-26 16:41	65.26,-96.39	2020-07-26 16:49	65.41,-96.68	Moving	0:07	11
Summer	C-GQMR	29638335	2020-07-26 16:50	65.41,-96.67	2020-07-26 17:26	65.02,-96.07	Moving	0:35	31
Summer	C-GQMR	29640190	2020-07-27 7:01	65.02,-96.07	2020-07-27 7:06	65.09,-96.29	Moving	0:05	7
Summer	C-GQMR	29640262	2020-07-27 7:35	65.09,-96.29	2020-07-27 7:57	65.23,-96.4	Moving	0:22	8
Summer	C-GQMR	29640321	2020-07-27 7:58	65.22,-96.4	2020-07-27 8:35	65.02,-96.07	Moving	0:36	32
Summer	C-GQMR	29640431	2020-07-27 8:37	65.03,-96.07	2020-07-27 8:42	65.09,-96.29	Moving	0:04	6
Summer	C-GQMR	29640463	2020-07-27 8:45	65.09,-96.28	2020-07-27 8:54	65.23,-96.4	Moving	0:09	8
Summer	C-GQMR	29640493	2020-07-27 8:55	65.22,-96.4	2020-07-27 10:27	65.02,-96.07	Moving	1:31	101
Summer	C-GQMR	29640777	2020-07-27 10:42	65.02,-96.07	2020-07-27 12:41	65.02,-96.07	Moving	1:58	118
Summer	C-GQMR	29641246	2020-07-27 12:53	65.02,-96.07	2020-07-27 14:43	65.02,-96.07	Moving	1:49	119
Summer	C-GQMR	29641619	2020-07-27 14:45	65.02,-96.07	2020-07-27 17:07	65.02,-96.07	Moving	2:21	134
Summer	C-GQMR	29642267	2020-07-27 18:13	65.02,-96.07	2020-07-28 7:05	65.23,-96.4	Moving	12:51	17
Summer	C-GQMR	29644033	2020-07-28 7:06	65.23,-96.39	2020-07-28 7:15	65.09,-96.31	Moving	0:09	8
Summer	C-GQMR	29644056	2020-07-28 7:17	65.09,-96.31	2020-07-28 8:04	65.09,-96.29	Moving	0:46	52
Summer	C-GQMR	29644183	2020-07-28 8:04	65.1,-96.3	2020-07-28 8:20	65.23,-96.4	Moving	0:15	8
Summer	C-GQMR	29644236	2020-07-28 8:21	65.22,-96.4	2020-07-28 8:27	65.09,-96.29	Moving	0:05	8
Summer	C-GQMR	29644256	2020-07-28 8:27	65.09,-96.28	2020-07-28 8:35	65.02,-96.07	Moving	0:07	6
Summer	C-GQMR	29644418	2020-07-28 9:16	65.02,-96.07	2020-07-28 10:38	65.23,-96.39	Moving	1:22	85
Summer	C-GQMR	29644729	2020-07-28 10:48	65.23,-96.39	2020-07-28 10:56	65.09,-96.29	Moving	0:07	8
Summer	C-GQMR	29644761	2020-07-28 10:58	65.09,-96.29	2020-07-28 11:01	65.03,-96.08	Moving	0:02	6
Summer	C-GQMR	29645520	2020-07-28 14:49	65.02,-96.07	2020-07-28 15:12	65.02,-96.07	Moving	0:22	5
Summer	C-GQMR	29645691	2020-07-28 15:49	65.02,-96.07	2020-07-28 16:01	65.27,-96.39	Moving	0:12	18
Summer	C-GQMR	29645726	2020-07-28 16:02	65.27,-96.39	2020-07-28 16:15	65.41,-96.68	Moving	0:13	11
Summer	C-GQMR	29645819	2020-07-28 16:36	65.41,-96.68	2020-07-28 16:59	65.02,-96.07	Moving	0:22	27
Summer	C-GQMR	29645952	2020-07-28 17:22	65.02,-96.07	2020-07-28 17:36	65.41,-96.67	Moving	0:14	27
Summer	C-GQMR	29646086	2020-07-28 18:13	65.41,-96.68	2020-07-28 18:29	65.23,-96.4	Moving	0:15	12
Summer	C-GQMR	29646140	2020-07-28 18:30	65.23,-96.41	2020-07-28 18:42	65.41,-96.68	Moving	0:11	12
Summer	C-GQMR	29647835	2020-07-29 6:24	65.4,-96.67	2020-07-29 6:40	65.23,-96.4	Moving	0:16	12
Summer	C-GQMR	29647878	2020-07-29 6:41	65.23,-96.41	2020-07-29 7:04	65.4,-96.67	Moving	0:22	13
Summer	C-GQMR	29647926	2020-07-29 7:04	65.4,-96.67	2020-07-29 7:53	65.41,-96.68	Moving	0:48	53
Summer	C-GQMR	29649142	2020-07-29 13:01	65.41,-96.68	2020-07-29 15:01	64.71,-96.01	Moving	2:00	45
Summer	C-GQMR	29649620	2020-07-29 15:09	64.71,-96.01	2020-07-29 15:17	64.74,-96.36	Moving	0:08	9
Summer	C-GQMR	29649764	2020-07-29 15:47	64.74,-96.36	2020-07-29 17:14	64.74,-96.36	Moving	1:27	74
Summer	C-GQMR	29650093	2020-07-29 17:22	64.74,-96.36	2020-07-29 17:30	64.71,-96.01	Moving	0:07	9
Summer	C-GQMR	29650169	2020-07-29 17:41	64.71,-96.01	2020-07-29 18:10	64.31,-96.08	Moving	0:28	27
Summer	C-GQMR	29650553	2020-07-29 19:17	64.31,-96.08	2020-07-29 19:34	64.71,-96.0	Moving	0:17	27
Summer	C-GQMR	29650650	2020-07-29 19:44	64.71,-96.01	2020-07-29 20:07	64.31,-96.08	Moving	0:23	27
Summer	C-FLYG	29652176	2020-07-30 6:12	65.41,-96.68	2020-07-30 6:21	65.23,-96.4	Moving	0:08	13
Summer	C-FLYG	29652197	2020-07-30 6:24	65.23,-96.39	2020-07-30 6:39	65.41,-96.68	Moving	0:14	12
Summer	C-FLYG	29652425	2020-07-30 7:51	65.41,-96.68	2020-07-30 8:38	65.23,-96.39	Moving	0:46	14
Summer	C-FLYG	29652577	2020-07-30 8:38	65.23,-96.4	2020-07-30 9:19	65.23,-96.39	Moving	0:40	7
Summer	C-FLYG	29652697	2020-07-30 9:21	65.24,-96.39	2020-07-30 9:56	65.41,-96.68	Moving	0:35	23
Summer	C-FLYG	29652957	2020-07-30 10:31	65.41,-96.68	2020-07-30 10:39	65.23,-96.4	Moving	0:07	13
Summer	C-FLYG	29652980	2020-07-30 10:40	65.23,-96.4	2020-07-30 11:18	65.39,-96.64	Moving	0:38	11
Summer	C-FLYG	29653142	2020-07-30 11:22	65.41,-96.68	2020-07-30 13:23	65.41,-96.79	Moving	2:00	3
Summer	C-FLYG	29653638	2020-07-30 13:25	65.41,-96.79	2020-07-30 13:43	65.41,-96.68	Moving	0:17	7
Summer	C-FLYG	29654212	2020-07-30 16:01	65.41,-96.68	2020-07-30 16:52	65.41,-96.68	Moving	0:51	53
Summer	C-FLYG	29654651	2020-07-30 18:03	65.41,-96.68	2020-07-30 18:16	65.23,-96.39	Moving	0:12	13
Summer	C-FLYG	29654693	2020-07-30 18:17	65.24,-96.39	2020-07-30 18:24	65.4,-96.67	Moving	0:07	12
Summer	C-FLYG	29656301	2020-07-31 6:11	65.36,-96.59	2020-07-31 6:22	65.23,-96.39	Moving	0:10	9
Summer	C-FLYG	29656323	2020-07-31 6:25	65.24,-96.4	2020-07-31 6:33	65.41,-96.68	Moving	0:08	12
Summer	C-FLYG	29656706	2020-07-31 9:01	65.41,-96.67	2020-07-31 9:09	65.23,-96.4	Moving	0:08	13
Summer	C-FLYG	29656839	2020-07-31 9:40	65.23,-96.39	2020-07-31 9:52	65.23,-96.39	Moving	0:12	3
Summer	C-FLYG	29656893	2020-07-31 9:55	65.24,-96.39	2020-07-31 11:21	65.41,-96.68	Moving	1:26	47
Summer	C-FLYG	29657250	2020-07-31 11:41	65.41,-96.68	2020-07-3				

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-FLYG	29660541	2020-08-01 6:46	65.41,-96.68	2020-08-01 7:28	65.41,-96.68	Moving	0:42	47
Summer	C-FLYG	29660624	2020-08-01 7:30	65.41,-96.68	2020-08-01 8:02	65.26,-96.4	Moving	0:31	11
Summer	C-FLYG	29660702	2020-08-01 8:04	65.26,-96.4	2020-08-01 9:28	65.23,-96.39	Moving	1:24	19
Summer	C-FLYG	29660885	2020-08-01 9:29	65.24,-96.4	2020-08-01 10:12	65.41,-96.68	Moving	0:42	12
Summer	C-FLYG	29661516	2020-08-01 13:03	65.42,-96.71	2020-08-01 13:28	65.41,-96.66	Moving	0:25	5
Summer	C-FLYG	29662208	2020-08-01 16:25	65.4,-96.67	2020-08-01 16:44	65.41,-96.68	Moving	0:19	22
Summer	C-FLYG	29662404	2020-08-01 17:28	65.41,-96.68	2020-08-01 17:52	65.41,-96.68	Moving	0:23	24
Summer	C-FLYG	29662536	2020-08-01 18:05	65.35,-96.57	2020-08-01 18:16	65.26,-96.4	Moving	0:10	15
Summer	C-FLYG	29662578	2020-08-01 18:16	65.26,-96.41	2020-08-01 18:24	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29664181	2020-08-02 6:14	65.36,-96.59	2020-08-02 6:24	65.26,-96.4	Moving	0:10	7
Summer	C-FLYG	29664202	2020-08-02 6:27	65.26,-96.41	2020-08-02 6:35	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29664222	2020-08-02 6:37	65.41,-96.68	2020-08-02 7:18	65.26,-96.4	Moving	0:41	11
Summer	C-FLYG	29664353	2020-08-02 8:07	65.26,-96.4	2020-08-02 8:17	65.41,-96.68	Moving	0:10	12
Summer	C-FLYG	29664479	2020-08-02 9:04	65.41,-96.68	2020-08-02 9:12	65.48,-96.96	Moving	0:07	9
Summer	C-FLYG	29664501	2020-08-02 9:13	65.48,-96.96	2020-08-02 9:19	65.41,-96.68	Moving	0:05	8
Summer	C-FLYG	29664575	2020-08-02 9:47	65.41,-96.68	2020-08-02 9:54	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29664597	2020-08-02 9:55	65.26,-96.4	2020-08-02 11:53	65.41,-96.68	Moving	1:57	17
Summer	C-FLYG	29664913	2020-08-02 11:55	65.41,-96.68	2020-08-02 12:54	65.26,-96.39	Moving	0:58	12
Summer	C-FLYG	29665126	2020-08-02 13:13	65.26,-96.4	2020-08-02 14:19	65.41,-96.68	Moving	1:05	11
Summer	C-FLYG	29665315	2020-08-02 14:21	65.41,-96.68	2020-08-02 15:29	65.41,-96.68	Moving	1:08	50
Summer	C-FLYG	29665600	2020-08-02 16:03	65.41,-96.68	2020-08-02 16:12	65.5,-97.02	Moving	0:09	10
Summer	C-FLYG	29665637	2020-08-02 16:17	65.5,-97.04	2020-08-02 16:27	65.38,-96.72	Moving	0:09	11
Summer	C-FLYG	29665668	2020-08-02 16:28	65.38,-96.72	2020-08-02 18:16	65.26,-96.39	Moving	1:48	13
Summer	C-FLYG	29666040	2020-08-02 18:18	65.26,-96.4	2020-08-02 18:24	65.41,-96.68	Moving	0:06	11
Summer	C-FLYG	29666075	2020-08-02 18:28	65.41,-96.68	2020-08-03 6:19	65.26,-96.39	Moving	11:50	11
Summer	C-FLYG	29667627	2020-08-03 6:23	65.26,-96.4	2020-08-03 6:31	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29667909	2020-08-03 8:09	65.41,-96.68	2020-08-03 8:24	65.26,-96.39	Moving	0:15	12
Summer	C-FLYG	29667989	2020-08-03 8:40	65.26,-96.39	2020-08-03 8:51	65.41,-96.68	Moving	0:11	11
Summer	C-FLYG	29668398	2020-08-03 11:01	65.4,-96.67	2020-08-03 11:05	65.4,-96.77	Moving	0:03	2
Summer	C-FLYG	29668420	2020-08-03 11:05	65.4,-96.77	2020-08-03 11:22	65.41,-96.79	Moving	0:16	18
Summer	C-FLYG	29668483	2020-08-03 11:23	65.41,-96.79	2020-08-03 11:31	65.41,-96.68	Moving	0:08	4
Summer	C-FLYG	29668593	2020-08-03 11:53	65.4,-96.66	2020-08-03 12:05	65.26,-96.39	Moving	0:12	11
Summer	C-FLYG	29668654	2020-08-03 12:06	65.26,-96.4	2020-08-03 12:14	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29668939	2020-08-03 13:23	65.4,-96.68	2020-08-03 13:29	65.27,-96.41	Moving	0:05	10
Summer	C-FLYG	29669214	2020-08-03 14:38	65.26,-96.39	2020-08-03 15:48	65.41,-96.68	Moving	1:09	12
Summer	C-FLYG	29669429	2020-08-03 15:51	65.4,-96.66	2020-08-03 16:19	65.26,-96.39	Moving	0:27	11
Summer	C-FLYG	29669626	2020-08-03 16:51	65.29,-96.47	2020-08-03 16:56	65.41,-96.68	Moving	0:05	14
Summer	C-FLYG	29669644	2020-08-03 16:59	65.41,-96.66	2020-08-03 17:09	65.51,-97.04	Moving	0:09	12
Summer	C-FLYG	29669690	2020-08-03 17:10	65.52,-97.04	2020-08-03 17:23	65.41,-96.68	Moving	0:12	12
Summer	C-FLYG	29669734	2020-08-03 17:25	65.41,-96.68	2020-08-03 18:10	65.26,-96.4	Moving	0:45	11
Summer	C-FLYG	29669886	2020-08-03 18:12	65.26,-96.41	2020-08-03 18:19	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29671581	2020-08-04 6:12	65.4,-96.67	2020-08-04 6:19	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29671597	2020-08-04 6:20	65.26,-96.41	2020-08-04 6:27	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29671999	2020-08-04 8:54	65.4,-96.67	2020-08-04 8:59	65.48,-96.53	Moving	0:04	5
Summer	C-FLYG	29672018	2020-08-04 9:00	65.47,-96.53	2020-08-04 9:05	65.41,-96.68	Moving	0:04	5
Summer	C-FLYG	29672186	2020-08-04 9:56	65.4,-96.66	2020-08-04 10:04	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29672420	2020-08-04 11:10	65.26,-96.4	2020-08-04 11:18	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29673315	2020-08-04 15:34	65.37,-96.65	2020-08-04 15:52	65.51,-96.57	Moving	0:18	25
Summer	C-FLYG	29673383	2020-08-04 15:56	65.5,-96.58	2020-08-04 16:12	65.41,-96.68	Moving	0:16	9
Summer	C-FLYG	29673455	2020-08-04 16:15	65.41,-96.68	2020-08-04 18:16	65.26,-96.4	Moving	2:01	11
Summer	C-FLYG	29673944	2020-08-04 18:18	65.26,-96.41	2020-08-04 18:26	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29675824	2020-08-05 6:13	65.33,-96.53	2020-08-05 6:23	65.26,-96.4	Moving	0:09	5
Summer	C-FLYG	29675842	2020-08-05 6:24	65.26,-96.41	2020-08-05 6:31	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29675856	2020-08-05 6:33	65.4,-96.68	2020-08-05 6:41	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29675878	2020-08-05 6:41	65.26,-96.41	2020-08-05 6:49	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29676060	2020-08-05 7:52	65.41,-96.68	2020-08-05 8:21	65.41,-96.68	Moving	0:29	25
Summer	C-FLYG	29676158	2020-08-05 8:24	65.41,-96.68	2020-08-05 8:49	65.26,-96.41	Moving	0:25	11
Summer	C-FLYG	29676239	2020-08-05 8:50	65.26,-96.4	2020-08-05 9:32	65.26,-96.41	Moving	0:41	4
Summer	C-FLYG	29676445	2020-08-05 9:54	65.26,-96.41	2020-08-05 10:02	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29677546	2020-08-05 14:58	65.4,-96.68	2020-08-05 15:04	65.26,-96.4	Moving	0:05	11
Summer	C-FLYG	29677579	2020-08-05 15:05	65.26,-96.41	2020-08-05 15:12	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29680611	2020-08-06 9:01	65.42,-96.48	2020-08-06 9:07	65.42,-96.25	Moving	0:05	6
Summer	C-FLYG	29680637	2020-08-06 9:08	65.42,-96.26	2020-08-06 9:15	65.41,-96.68	Moving	0:06	10
Summer	C-FLYG	29681778	2020-08-06 13:53	65.28,-96.43	2020-08-06 14:02	65.26,-96.4	Moving	0:09	1
Summer	C-FLYG	29681834	2020-08-06 14:04	65.31,-96.5	2020-08-06 14:36	65.41,-96.68	Parked	0:32	0
Summer	C-FLYG	29682011	2020-08-06 14:44	65.41,-96.68	2020-08-06 15:01	65.26,-96.4	Moving	0:16	11
Summer	C-FLYG	29682169	2020-08-06 15:23	65.26,-96.4	2020-08-06 15:31	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29682291	2020-08-06 15:51	65.42,-96.48	2020-08-06 15:54	65.42,-96.34	Moving	0:03	12
Summer	C-FLYG	29682321	2020-08-06 15:56	65.42,-96.33	2020-08-06 16:03	65.44,-96.35	Moving	0:07	5
Summer	C-FLYG	29682356	2020-08-06 16:04	65.44,-96.35	2020-08-06 16:10	65.41,-96.68	Moving	0:05	8
Summer	C-FLYG	29682902	2020-08-06 18:09	65.41,-96.68	2020-08-06 18:18	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29682950	2020-08-06 18:22	65.26,-96.4	2020-08-06 18:34	65.41,-96.68	Moving	0:12	12
Summer	C-FLYG	29684739	2020-08-07 6:08	65.39,-96.63	2020-08-07 6:26	65.26,-96.4	Moving	0:17	9
Summer	C-FLYG	29684789	2020-08-07 6:29	65.26,-96.39	2020-08-07 6:37	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29684865	2020-08-07 7:07	65.41,-96.68	2020-08-07 7:33	65.41,-96.68	Moving	0:26	23
Summer	C-FLYG	29685224	2020-08-07 9:25	65.4,-96.68	2020-08-07 9:30	65.43,-96.4	Moving	0:05	7
Summer	C-FLYG	29685255	2020-08-07 9:31	65.43,-96.41	2020-08-07 9:37	65.41,-96.68	Moving	0:05	6
Summer	C-FLYG	29685274	2020-08-07 9:38	65.4,-96.67	2020-08-07 10:20	65.41,-96.68	Moving	0:42	46
Summer	C-FLYG	29686146	2020-08-07 13:53	65.4,-96.67	2020-08-07 14:02	65.25,-96.43	Moving	0:08	11
Summer	C-FLYG	29686232	2020-08-07 14:17	65.25,-96.43	2020-08-07 14:24	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29686563	2020-08-07 15:56	65.41,-96.68	2020-08-07 16:03	65.44,-96.33	Moving	0:07	8
Summer	C-FLYG	29686589	2020-08-07 16:04	65.45,-96.32	2020-08-07 16:20	65.41,-96.68	Moving	0:15	10
Summer	C-FLYG	29686881	2020-08-07 17:29	65.4,-96.68	2020-08-07 17:48	65.41,-96.68	Moving	0:19	22
Summer	C-FLYG	29687043	2020-08-07 18:15	65.4,-96.68	2020-08-07 18:27	65.26,-96.4	Moving	0:12	11
Summer	C-FLYG	29687086	2020-08-07 18:28	65.26,-96.41	2020-08-07 18:35	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29689523	2020-08-08 11:15	65.4,-96.66	2020-08-08 11:27	65.26,-96.4	Moving	0:12	11
Summer	C-FLYG	29689607	2020-08-08 11:42	65.26,-96.41	2020-08-08 11:49	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29689949	2020-08-08 13:21	65.41,-96.68	2020-08-08 13:47	65.41,-96.68	Moving	0:25	23
Summer	C-FLYG	29690296	2020-08-08 15:03	65.41,-96.68	2020-08-08 15:11	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29690773	2020-08-08 17:12	65.26,-96.41	2020-08-08 17:24	65.41,-96.68	Moving	0:11	11
Summer	C-FLYG	29690815	2020-08-08 17:26	65.4,-96.67	2020-08-08 17:48	65.41,-96.68	Moving	0:21	22
Summer	C-FLYG	29690967	2020-08-08 18:16	65.4,-96.67	2020-08-08 18:24	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29691012	2020-08-08 18:29	65.26,-96.4	2020-08-08 18:36	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29692687	2020-08-09 6:07	65.38,-96.61	2020-08-09 6:13	65.26,-96.4	Moving	0:06	9
Summer	C-FLYG	29692702	2020-08-09 6:18	65.26,-96.41	2020-08-09 6:25	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29692714	2020-08-09 6:27	65.4,-96.67	2020-08-09 7:26	65.41,-96.68	Moving	0:58	69
Summer	C-FLYG	29692855	2020-08-09 7:40	65.4,-96.67	2020-08-09 7:47	65.5,-97.03	Moving	0:07	10
Summer	C-FLYG	29692873	2020-08-09 7:48	65.49,-97.03	2020-08-09 7:53	65			

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-FLYG	29696542	2020-08-10 6:26	65.26,-96.39	2020-08-10 6:33	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29696599	2020-08-10 6:51	65.41,-96.68	2020-08-10 6:58	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29696701	2020-08-10 7:27	65.26,-96.4	2020-08-10 8:19	65.41,-96.68	Parked	0:52	0
Summer	C-FLYG	29696905	2020-08-10 8:31	65.41,-96.68	2020-08-10 9:46	65.26,-96.41	Moving	1:15	18
Summer	C-FLYG	29697171	2020-08-10 9:47	65.26,-96.4	2020-08-10 9:56	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29697212	2020-08-10 9:59	65.41,-96.68	2020-08-10 10:27	65.26,-96.41	Moving	0:27	12
Summer	C-FLYG	29697333	2020-08-10 10:28	65.26,-96.4	2020-08-10 11:46	65.41,-96.68	Moving	1:17	19
Summer	C-FLYG	29697663	2020-08-10 11:57	65.41,-96.68	2020-08-10 12:05	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29697708	2020-08-10 12:07	65.26,-96.41	2020-08-10 12:36	65.41,-96.68	Moving	0:28	11
Summer	C-FLYG	29698890	2020-08-10 17:39	65.41,-96.68	2020-08-10 18:28	65.26,-96.41	Moving	0:48	11
Summer	C-FLYG	29699094	2020-08-10 18:28	65.26,-96.4	2020-08-10 18:37	65.41,-96.68	Moving	0:08	12
Summer	C-FLYG	29700866	2020-08-11 6:04	65.41,-96.67	2020-08-11 6:18	65.26,-96.41	Moving	0:13	12
Summer	C-FLYG	29700896	2020-08-11 6:21	65.26,-96.41	2020-08-11 6:28	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29700982	2020-08-11 6:50	65.41,-96.68	2020-08-11 7:40	65.41,-96.68	Moving	0:49	48
Summer	C-FLYG	29701359	2020-08-11 8:45	65.41,-96.68	2020-08-11 9:00	65.26,-96.41	Moving	0:15	12
Summer	C-FLYG	29701424	2020-08-11 9:01	65.26,-96.41	2020-08-11 11:50	65.41,-96.68	Moving	2:48	15
Summer	C-FLYG	29702776	2020-08-11 14:40	65.41,-96.68	2020-08-11 14:50	65.26,-96.41	Moving	0:10	12
Summer	C-FLYG	29702932	2020-08-11 15:14	65.26,-96.41	2020-08-11 16:12	65.26,-96.41	Moving	0:57	3
Summer	C-FLYG	29703163	2020-08-11 16:18	65.26,-96.41	2020-08-11 16:42	65.41,-96.68	Moving	0:23	13
Summer	C-FLYG	29703289	2020-08-11 16:48	65.41,-96.68	2020-08-11 17:57	65.41,-96.68	Moving	1:08	26
Summer	C-FLYG	29703605	2020-08-11 18:10	65.41,-96.68	2020-08-11 18:19	65.25,-96.41	Moving	0:09	12
Summer	C-FLYG	29703645	2020-08-11 18:23	65.26,-96.41	2020-08-11 18:32	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29705281	2020-08-12 5:18	65.41,-96.68	2020-08-12 8:49	65.5,-97.25	Moving	3:31	21
Summer	C-FLYG	29705892	2020-08-12 8:51	65.51,-97.26	2020-08-12 8:56	65.49,-97.18	Moving	0:05	2
Summer	C-FLYG	29705914	2020-08-12 8:58	65.49,-97.18	2020-08-12 9:07	65.41,-96.68	Moving	0:09	13
Summer	C-FLYG	29706014	2020-08-12 9:25	65.41,-96.68	2020-08-12 9:35	65.25,-96.41	Moving	0:09	11
Summer	C-FLYG	29706058	2020-08-12 9:38	65.26,-96.4	2020-08-12 10:08	65.26,-96.41	Moving	0:29	3
Summer	C-FLYG	29706193	2020-08-12 10:09	65.26,-96.4	2020-08-12 10:38	65.26,-96.4	Moving	0:28	23
Summer	C-FLYG	29706322	2020-08-12 10:40	65.25,-96.4	2020-08-12 10:58	65.41,-96.68	Moving	0:17	11
Summer	C-FLYG	29706440	2020-08-12 11:12	65.41,-96.68	2020-08-12 11:25	65.25,-96.41	Moving	0:12	12
Summer	C-FLYG	29706504	2020-08-12 11:27	65.26,-96.42	2020-08-12 11:38	65.41,-96.68	Moving	0:10	10
Summer	C-FLYG	29707202	2020-08-12 14:16	65.41,-96.68	2020-08-12 14:29	65.41,-96.68	Moving	0:12	14
Summer	C-FLYG	29707271	2020-08-12 14:36	65.41,-96.68	2020-08-12 15:10	65.49,-97.2	Moving	0:33	15
Summer	C-FLYG	29707399	2020-08-12 15:11	65.49,-97.2	2020-08-12 15:21	65.41,-96.68	Moving	0:10	14
Summer	C-FLYG	29707972	2020-08-12 17:37	65.41,-96.68	2020-08-12 18:01	65.41,-96.68	Moving	0:24	23
Summer	C-FLYG	29708124	2020-08-12 18:13	65.41,-96.68	2020-08-12 18:27	65.25,-96.41	Moving	0:14	12
Summer	C-FLYG	29708175	2020-08-12 18:28	65.26,-96.41	2020-08-12 18:36	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29709913	2020-08-13 6:14	65.38,-96.62	2020-08-13 6:26	65.25,-96.41	Moving	0:11	9
Summer	C-FLYG	29709945	2020-08-13 6:27	65.26,-96.4	2020-08-13 6:35	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29709967	2020-08-13 6:38	65.41,-96.68	2020-08-13 7:30	65.41,-96.68	Moving	0:51	46
Summer	C-FLYG	29710165	2020-08-13 7:47	65.41,-96.68	2020-08-13 7:58	65.25,-96.41	Moving	0:10	11
Summer	C-FLYG	29710270	2020-08-13 8:16	65.25,-96.41	2020-08-13 9:01	65.26,-96.4	Moving	0:44	4
Summer	C-FLYG	29710470	2020-08-13 9:02	65.26,-96.41	2020-08-13 9:20	65.41,-96.68	Moving	0:17	12
Summer	C-FLYG	29710611	2020-08-13 9:38	65.41,-96.68	2020-08-13 9:50	65.24,-96.38	Moving	0:12	12
Summer	C-FLYG	29710670	2020-08-13 9:50	65.25,-96.38	2020-08-13 10:28	65.25,-96.41	Moving	0:37	6
Summer	C-FLYG	29710821	2020-08-13 10:29	65.26,-96.4	2020-08-13 10:44	65.41,-96.68	Moving	0:15	11
Summer	C-FLYG	29710945	2020-08-13 10:57	65.41,-96.68	2020-08-13 11:06	65.26,-96.4	Moving	0:09	11
Summer	C-FLYG	29711002	2020-08-13 11:09	65.26,-96.4	2020-08-13 12:09	65.26,-96.4	Moving	1:00	8
Summer	C-FLYG	29711288	2020-08-13 12:10	65.26,-96.4	2020-08-13 12:21	65.41,-96.68	Moving	0:11	11
Summer	C-FLYG	29711432	2020-08-13 12:40	65.41,-96.68	2020-08-13 12:50	65.26,-96.4	Moving	0:09	11
Summer	C-FLYG	29711477	2020-08-13 12:51	65.25,-96.4	2020-08-13 14:01	65.41,-96.68	Moving	1:10	16
Summer	C-FLYG	29712219	2020-08-13 15:52	65.41,-96.68	2020-08-13 16:01	65.4,-96.68	Moving	0:09	4
Summer	C-FLYG	29712316	2020-08-13 16:14	65.4,-96.68	2020-08-13 16:24	65.41,-96.68	Moving	0:09	5
Summer	C-FLYG	29712454	2020-08-13 16:46	65.4,-96.67	2020-08-13 16:55	65.24,-96.41	Moving	0:08	11
Summer	C-FLYG	29712505	2020-08-13 16:57	65.24,-96.4	2020-08-13 17:11	65.41,-96.68	Moving	0:14	13
Summer	C-FLYG	29712606	2020-08-13 17:22	65.41,-96.68	2020-08-13 17:40	65.02,-96.07	Moving	0:18	27
Summer	C-FLYG	29712715	2020-08-13 17:45	65.02,-96.06	2020-08-13 17:59	65.41,-96.68	Moving	0:14	28
Summer	C-FLYG	29712769	2020-08-13 18:02	65.4,-96.67	2020-08-13 18:11	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29712820	2020-08-13 18:15	65.26,-96.39	2020-08-13 18:23	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29714687	2020-08-14 6:03	65.41,-96.68	2020-08-14 6:30	65.26,-96.4	Moving	0:27	11
Summer	C-FLYG	29714743	2020-08-14 6:33	65.26,-96.39	2020-08-14 6:40	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29714774	2020-08-14 6:44	65.4,-96.67	2020-08-14 7:13	65.41,-96.68	Moving	0:28	22
Summer	C-FLYG	29715931	2020-08-14 11:50	65.41,-96.68	2020-08-14 12:01	65.26,-96.4	Moving	0:11	11
Summer	C-FLYG	29716538	2020-08-14 13:58	65.26,-96.4	2020-08-14 14:08	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29716686	2020-08-14 14:29	65.41,-96.68	2020-08-14 14:37	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29716814	2020-08-14 14:57	65.26,-96.4	2020-08-14 15:56	65.26,-96.4	Moving	0:59	15
Summer	C-FLYG	29717064	2020-08-14 15:57	65.26,-96.4	2020-08-14 16:12	65.41,-96.68	Moving	0:15	12
Summer	C-FLYG	29717149	2020-08-14 16:17	65.4,-96.67	2020-08-14 16:24	65.25,-96.42	Moving	0:07	11
Summer	C-FLYG	29717189	2020-08-14 16:26	65.25,-96.41	2020-08-14 17:53	65.41,-96.68	Moving	1:27	31
Summer	C-FLYG	29717549	2020-08-14 17:55	65.4,-96.66	2020-08-14 18:03	65.25,-96.42	Moving	0:07	11
Summer	C-FLYG	29717579	2020-08-14 18:04	65.25,-96.41	2020-08-14 18:18	65.41,-96.68	Moving	0:13	12
Summer	C-FLYG	29719927	2020-08-15 9:40	65.37,-96.61	2020-08-15 9:57	65.25,-96.42	Moving	0:17	8
Summer	C-FLYG	29719994	2020-08-15 9:59	65.25,-96.41	2020-08-15 10:06	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29720637	2020-08-15 13:02	65.41,-96.68	2020-08-15 13:17	65.28,-96.39	Moving	0:14	12
Summer	C-FLYG	29720700	2020-08-15 13:18	65.28,-96.39	2020-08-15 14:04	65.26,-96.39	Moving	0:46	8
Summer	C-FLYG	29720852	2020-08-15 14:05	65.26,-96.41	2020-08-15 14:30	65.41,-96.68	Moving	0:25	15
Summer	C-FLYG	29720944	2020-08-15 14:33	65.4,-96.66	2020-08-15 14:41	65.26,-96.41	Moving	0:07	10
Summer	C-FLYG	29721066	2020-08-15 15:10	65.26,-96.41	2020-08-15 15:19	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29721561	2020-08-15 17:41	65.41,-96.68	2020-08-15 18:03	65.41,-96.68	Moving	0:22	23
Summer	C-FLYG	29721646	2020-08-15 18:04	65.41,-96.67	2020-08-15 18:11	65.25,-96.42	Moving	0:07	11
Summer	C-FLYG	29721691	2020-08-15 18:15	65.25,-96.42	2020-08-15 18:23	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29723526	2020-08-16 6:04	65.37,-96.59	2020-08-16 6:11	65.25,-96.42	Moving	0:07	8
Summer	C-FLYG	29723550	2020-08-16 6:15	65.25,-96.43	2020-08-16 6:24	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29723783	2020-08-16 7:54	65.41,-96.68	2020-08-16 8:00	65.42,-96.81	Moving	0:05	3
Summer	C-FLYG	29723818	2020-08-16 8:02	65.42,-96.8	2020-08-16 8:07	65.41,-96.68	Moving	0:04	3
Summer	C-FLYG	29723846	2020-08-16 8:10	65.41,-96.67	2020-08-16 8:14	65.42,-96.81	Moving	0:04	3
Summer	C-FLYG	29723862	2020-08-16 8:15	65.42,-96.8	2020-08-16 8:19	65.41,-96.68	Moving	0:03	3
Summer	C-FLYG	29724161	2020-08-16 10:14	65.41,-96.68	2020-08-16 10:23	65.25,-96.42	Moving	0:09	11
Summer	C-FLYG	29724221	2020-08-16 10:40	65.25,-96.42	2020-08-16 11:42	65.25,-96.42	Moving	1:01	7
Summer	C-FLYG	29724395	2020-08-16 11:43	65.25,-96.42	2020-08-16 12:03	65.41,-96.68	Moving	0:20	11
Summer	C-FLYG	29724480	2020-08-16 12:07	65.41,-96.67	2020-08-16 12:19	65.26,-96.41	Moving	0:11	11
Summer	C-FLYG	29724519	2020-08-16 12:20	65.25,-96.41	2020-08-16 13:20	65.26,-96.41	Moving	1:00	7
Summer	C-FLYG	29724708	2020-08-16 13:23	65.25,-96.42	2020-08-16 13:47	65.25,-96.42	Moving	0:23	4
Summer	C-FLYG	29724766	2020-08-16 13:47	65.25,-96.41	2020-08-16 14:58	65.41,-96.68	Moving	1:10	11
Summer	C-FLYG	29724992	2020-08-16 14:58	65.41,-96.68	2020-08-16 16:13	65.41,-96.68	Moving	1:14	69
Summer	C-FLYG	29725250	2020-08-16 16:14	65.41,-96.68	2020-08-16 16:18	65.42,-96.81	Moving	0:04	3
Summer	C-FLYG	29725272	2020-08-16 16:20	65.42,-96.8	2020-08-16 16:24	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29725296	2020-08-16 16:26	65.41,-96					

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-FLYG	29727717	2020-08-17 7:36	65.41,-96.68	2020-08-17 7:44	65.46,-96.89	Moving	0:07	6
Summer	C-FLYG	29727753	2020-08-17 7:46	65.46,-96.89	2020-08-17 7:51	65.41,-96.68	Moving	0:05	6
Summer	C-FLYG	29727775	2020-08-17 7:53	65.41,-96.68	2020-08-17 7:58	65.46,-96.89	Moving	0:05	6
Summer	C-FLYG	29727797	2020-08-17 8:00	65.46,-96.89	2020-08-17 8:05	65.41,-96.68	Moving	0:04	6
Summer	C-FLYG	29728047	2020-08-17 9:17	65.41,-96.68	2020-08-17 9:25	65.26,-96.41	Moving	0:08	11
Summer	C-FLYG	29728089	2020-08-17 9:30	65.26,-96.42	2020-08-17 9:41	65.41,-96.68	Moving	0:11	11
Summer	C-FLYG	29729529	2020-08-17 15:58	65.36,-96.56	2020-08-17 16:05	65.29,-96.38	Moving	0:06	7
Summer	C-FLYG	29729573	2020-08-17 16:09	65.28,-96.38	2020-08-17 16:23	65.41,-96.68	Moving	0:13	10
Summer	C-FLYG	29729631	2020-08-17 16:25	65.41,-96.68	2020-08-17 16:31	65.46,-96.89	Moving	0:05	6
Summer	C-FLYG	29729663	2020-08-17 16:32	65.46,-96.89	2020-08-17 16:38	65.41,-96.68	Moving	0:05	6
Summer	C-FLYG	29729692	2020-08-17 16:40	65.41,-96.68	2020-08-17 16:46	65.46,-96.89	Moving	0:05	6
Summer	C-FLYG	29729719	2020-08-17 16:49	65.46,-96.89	2020-08-17 16:53	65.41,-96.68	Moving	0:03	7
Summer	C-FLYG	29729757	2020-08-17 16:58	65.41,-96.67	2020-08-17 17:19	65.41,-96.68	Moving	0:20	22
Summer	C-FLYG	29730016	2020-08-17 18:04	65.41,-96.68	2020-08-17 18:17	65.26,-96.42	Moving	0:12	12
Summer	C-FLYG	29730065	2020-08-17 18:17	65.26,-96.42	2020-08-17 18:25	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29731811	2020-08-18 6:05	65.36,-96.57	2020-08-18 6:15	65.26,-96.41	Moving	0:10	7
Summer	C-FLYG	29731832	2020-08-18 6:17	65.26,-96.42	2020-08-18 6:25	65.41,-96.68	Moving	0:07	10
Summer	C-FLYG	29731858	2020-08-18 6:28	65.41,-96.67	2020-08-18 7:13	65.41,-96.68	Moving	0:44	46
Summer	C-FLYG	29732324	2020-08-18 8:58	65.41,-96.68	2020-08-18 9:03	65.38,-96.58	Moving	0:05	4
Summer	C-FLYG	29732355	2020-08-18 9:06	65.38,-96.59	2020-08-18 9:14	65.38,-96.58	Moving	0:08	5
Summer	C-FLYG	29732409	2020-08-18 9:17	65.38,-96.59	2020-08-18 10:18	65.26,-96.41	Moving	1:01	14
Summer	C-FLYG	29732641	2020-08-18 10:22	65.25,-96.42	2020-08-18 10:35	65.41,-96.68	Moving	0:13	13
Summer	C-FLYG	29733357	2020-08-18 12:48	65.41,-96.68	2020-08-18 12:57	65.24,-96.52	Moving	0:09	10
Summer	C-FLYG	29733401	2020-08-18 12:58	65.24,-96.51	2020-08-18 13:01	65.26,-96.41	Moving	0:03	2
Summer	C-FLYG	29733600	2020-08-18 13:39	65.25,-96.42	2020-08-18 13:44	65.25,-96.53	Moving	0:05	2
Summer	C-FLYG	29733623	2020-08-18 13:46	65.25,-96.52	2020-08-18 13:53	65.41,-96.68	Moving	0:07	10
Summer	C-FLYG	29734047	2020-08-18 15:39	65.39,-96.59	2020-08-18 15:40	65.38,-96.58	Moving	0:01	4
Summer	C-FLYG	29734066	2020-08-18 15:42	65.38,-96.59	2020-08-18 16:05	65.41,-96.68	Moving	0:23	16
Summer	C-FLYG	29734177	2020-08-18 16:08	65.4,-96.66	2020-08-18 16:20	65.27,-96.55	Moving	0:12	10
Summer	C-FLYG	29734225	2020-08-18 16:20	65.27,-96.55	2020-08-18 16:29	65.41,-96.68	Moving	0:08	9
Summer	C-FLYG	29734262	2020-08-18 16:30	65.41,-96.67	2020-08-18 16:57	65.26,-96.41	Moving	0:26	33
Summer	C-FLYG	29734374	2020-08-18 16:58	65.26,-96.42	2020-08-18 17:05	65.41,-96.68	Moving	0:07	10
Summer	C-FLYG	29736927	2020-08-19 8:20	65.4,-96.66	2020-08-19 8:31	65.41,-96.68	Moving	0:11	5
Summer	C-FLYG	29737048	2020-08-19 8:55	65.41,-96.68	2020-08-19 9:09	65.43,-96.59	Moving	0:13	4
Summer	C-FLYG	29737176	2020-08-19 9:26	65.43,-96.59	2020-08-19 9:30	65.41,-96.68	Moving	0:03	2
Summer	C-FLYG	29737481	2020-08-19 10:42	65.41,-96.68	2020-08-19 10:46	65.43,-96.59	Moving	0:04	2
Summer	C-FLYG	29737511	2020-08-19 10:49	65.43,-96.6	2020-08-19 10:55	65.33,-96.69	Moving	0:06	6
Summer	C-FLYG	29737552	2020-08-19 10:57	65.33,-96.68	2020-08-19 11:04	65.41,-96.68	Moving	0:06	4
Summer	C-FLYG	29737589	2020-08-19 11:04	65.4,-96.66	2020-08-19 11:09	65.33,-96.69	Moving	0:04	4
Summer	C-FLYG	29737622	2020-08-19 11:11	65.33,-96.68	2020-08-19 11:15	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29739450	2020-08-19 18:01	65.35,-96.71	2020-08-19 18:04	65.34,-96.7	Moving	0:03	0
Summer	C-FLYG	29739470	2020-08-19 18:06	65.4,-96.64	2020-08-20 8:23	65.4,-96.66	Parked	14:16	0
Summer	C-FLYG	29741945	2020-08-20 8:25	65.36,-96.69	2020-08-20 8:28	65.35,-96.7	Parked	0:03	0
Summer	C-FLYG	29741971	2020-08-20 8:31	65.41,-96.65	2020-08-20 8:33	65.41,-96.68	Parked	0:02	0
Summer	C-FLYG	29743102	2020-08-20 12:59	65.35,-96.7	2020-08-20 13:05	65.35,-96.71	Moving	0:05	0
Summer	C-FLYG	29743131	2020-08-20 13:07	65.39,-96.67	2020-08-20 13:12	65.41,-96.67	Parked	0:04	0
Summer	C-FLYG	29743160	2020-08-20 13:14	65.35,-96.71	2020-08-20 13:18	65.35,-96.71	Parked	0:04	0
Summer	C-FLYG	29743190	2020-08-20 13:20	65.4,-96.66	2020-08-20 13:54	65.41,-96.68	Parked	0:33	0
Summer	C-FLYG	29743358	2020-08-20 13:56	65.43,-96.59	2020-08-20 13:59	65.43,-96.6	Parked	0:02	0
Summer	C-FLYG	29743379	2020-08-20 14:01	65.41,-96.68	2020-08-21 8:56	65.05,-96.38	Moving	18:55	34
Summer	C-FLYG	29746625	2020-08-21 8:59	65.05,-96.38	2020-08-21 9:16	65.41,-96.68	Moving	0:17	22
Summer	C-FLYG	29746689	2020-08-21 9:17	65.41,-96.67	2020-08-21 9:31	65.09,-96.42	Moving	0:14	21
Summer	C-FLYG	29747689	2020-08-21 13:26	65.1,-96.4	2020-08-21 13:30	65.05,-96.38	Moving	0:03	3
Summer	C-FLYG	29748169	2020-08-21 15:26	65.05,-96.38	2020-08-21 15:48	65.41,-96.68	Moving	0:21	22
Summer	C-FLYG	29748364	2020-08-21 16:14	65.41,-96.68	2020-08-21 16:31	65.09,-96.0	Moving	0:16	27
Summer	C-FLYG	29748531	2020-08-21 16:54	65.09,-96.0	2020-08-21 17:08	65.1,-96.38	Moving	0:13	10
Summer	C-FLYG	29748598	2020-08-21 17:11	65.09,-96.4	2020-08-21 17:26	65.41,-96.68	Moving	0:15	20
Summer	C-FLYG	29748660	2020-08-21 17:28	65.41,-96.67	2020-08-21 17:40	65.1,-96.38	Moving	0:12	20
Summer	C-FLYG	29748714	2020-08-21 17:42	65.09,-96.39	2020-08-21 18:06	65.41,-96.68	Moving	0:23	21
Summer	C-FLYG	29750733	2020-08-22 8:20	65.41,-96.68	2020-08-22 8:33	65.1,-96.38	Moving	0:12	20
Summer	C-FLYG	29750763	2020-08-22 8:35	65.1,-96.38	2020-08-22 8:46	65.02,-96.07	Moving	0:11	9
Summer	C-FLYG	29750804	2020-08-22 8:47	65.03,-96.08	2020-08-22 9:05	65.41,-96.68	Moving	0:18	27
Summer	C-FLYG	29750868	2020-08-22 9:08	65.41,-96.68	2020-08-22 9:22	65.11,-96.21	Moving	0:13	21
Summer	C-FLYG	29750914	2020-08-22 9:24	65.11,-96.21	2020-08-22 9:37	65.41,-96.68	Moving	0:13	21
Summer	C-FLYG	29750962	2020-08-22 9:41	65.41,-96.67	2020-08-22 9:46	65.35,-96.7	Moving	0:05	3
Summer	C-FLYG	29750980	2020-08-22 9:47	65.35,-96.69	2020-08-22 9:50	65.41,-96.68	Moving	0:03	3
Summer	C-FLYG	29751027	2020-08-22 10:05	65.41,-96.68	2020-08-22 10:18	65.1,-96.38	Moving	0:13	20
Summer	C-FLYG	29751354	2020-08-22 11:39	65.1,-96.38	2020-08-22 13:10	65.41,-96.68	Moving	1:31	22
Summer	C-FLYG	29752253	2020-08-22 15:45	65.41,-96.68	2020-08-22 16:05	65.09,-96.39	Moving	0:20	28
Summer	C-FLYG	29752349	2020-08-22 16:09	65.09,-96.4	2020-08-22 16:26	65.41,-96.68	Moving	0:16	20
Summer	C-FLYG	29752423	2020-08-22 16:28	65.41,-96.67	2020-08-22 16:43	65.1,-96.22	Moving	0:15	23
Summer	C-FLYG	29752478	2020-08-22 16:46	65.11,-96.23	2020-08-22 17:00	65.41,-96.68	Moving	0:13	21
Summer	C-FLYG	29752553	2020-08-22 17:02	65.41,-96.67	2020-08-22 17:12	65.35,-96.7	Moving	0:09	4
Summer	C-FLYG	29752600	2020-08-22 17:15	65.35,-96.71	2020-08-22 17:19	65.41,-96.68	Moving	0:03	3
Summer	C-FLYG	29754676	2020-08-23 7:55	65.41,-96.68	2020-08-23 7:59	65.43,-96.58	Moving	0:03	3
Summer	C-FLYG	29754695	2020-08-23 8:02	65.42,-96.59	2020-08-23 8:07	65.35,-96.7	Moving	0:04	5
Summer	C-FLYG	29754706	2020-08-23 8:09	65.35,-96.71	2020-08-23 8:13	65.41,-96.68	Moving	0:03	3
Summer	C-FLYG	29755021	2020-08-23 10:11	65.41,-96.68	2020-08-23 10:29	65.09,-96.42	Moving	0:18	22
Summer	C-FLYG	29755085	2020-08-23 10:31	65.09,-96.43	2020-08-23 10:43	65.35,-96.7	Moving	0:11	17
Summer	C-FLYG	29755201	2020-08-23 11:05	65.35,-96.71	2020-08-23 11:11	65.43,-96.58	Moving	0:05	5
Summer	C-FLYG	29755226	2020-08-23 11:15	65.42,-96.59	2020-08-23 16:08	65.1,-96.41	Moving	4:53	23
Summer	C-FLYG	29756188	2020-08-23 16:09	65.09,-96.41	2020-08-23 16:28	65.41,-96.68	Moving	0:19	20
Summer	C-FLYG	29756452	2020-08-23 17:26	65.41,-96.68	2020-08-23 17:30	65.43,-96.59	Moving	0:03	2
Summer	C-FLYG	29756482	2020-08-23 17:34	65.43,-96.6	2020-08-24 7:42	65.43,-96.59	Moving	14:07	7
Summer	C-FLYG	29758486	2020-08-24 7:44	65.43,-96.6	2020-08-24 8:56	65.09,-96.41	Moving	1:12	23
Summer	C-FLYG	29758676	2020-08-24 8:58	65.1,-96.42	2020-08-24 9:09	65.41,-96.68	Moving	0:11	19
Summer	C-FLYG	29759321	2020-08-24 12:09	65.41,-96.68	2020-08-24 12:13	65.43,-96.59	Moving	0:04	2
Summer	C-FLYG	29759360	2020-08-24 12:18	65.43,-96.6	2020-08-24 16:03	65.1,-96.38	Moving	3:44	23
Summer	C-FLYG	29760248	2020-08-24 16:07	65.1,-96.39	2020-08-24 16:23	65.41,-96.68	Moving	0:15	20
Summer	C-FLYG	29763264	2020-08-25 10:45	65.36,-96.55	2020-08-25 10:52	65.28,-96.39	Moving	0:06	7
Summer	C-FLYG	29763295	2020-08-25 10:54	65.27,-96.39	2020-08-25 11:05	65.02,-96.07	Moving	0:11	17
Summer	C-FLYG	29763553	2020-08-25 11:59	65.02,-96.07	2020-08-25 12:17	65.41,-96.68	Moving	0:17	27
Summer	C-FLYG	29763623	2020-08-25 12:21	65.4,-96.66	2020-08-25 12:32	65.28,-96.4	Moving	0:10	10
Summer	C-FLYG	29763669	2020-08-25 12:33	65.28,-96.4	2020-08-25 12:42	65.09,-96.4	Moving	0:09	11
Summer	C-FLYG	29764313	2020-08-25 15:20	65.09,-96.4	2020-08-25 16:21	65.41,-96.68	Moving	1:00	22
Summer	C-FLYG	29764671	2020-08-25 17:01	65.41,-96.68	2020-08-27 8:10	65.35,-96.69	Moving	1 day 15:08	3
Summer	C-FLYG	29771567	2020-08-27 8:11	65.34,-96.68	2020-08-27 8:15	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29771978	2020-08-27 10:06	65.41,-96.68	2020-08-27 1				

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-FLYG	29773510	2020-08-27 16:37	65.28,-96.37	2020-08-27 16:56	65.41,-96.68	Moving	0:19	12
Summer	C-FLYG	29775970	2020-08-28 8:33	65.41,-96.68	2020-08-28 8:38	65.43,-96.59	Moving	0:05	3
Summer	C-FLYG	29775989	2020-08-28 8:40	65.43,-96.59	2020-08-28 14:59	65.43,-96.59	Moving	6:19	5
Summer	C-FLYG	29777432	2020-08-28 15:02	65.43,-96.59	2020-08-29 8:11	65.38,-96.78	Moving	17:09	5
Summer	C-FLYG	29779998	2020-08-29 8:13	65.38,-96.78	2020-08-29 8:17	65.41,-96.68	Moving	0:03	3
Summer	C-FLYG	29780017	2020-08-29 8:20	65.41,-96.68	2020-08-29 8:31	65.41,-96.68	Moving	0:11	7
Summer	C-FLYG	29780137	2020-08-29 9:06	65.41,-96.68	2020-08-29 9:21	65.09,-96.33	Moving	0:14	21
Summer	C-FLYG	29780184	2020-08-29 9:24	65.1,-96.32	2020-08-29 9:41	65.41,-96.68	Moving	0:17	22
Summer	C-FLYG	29780254	2020-08-29 9:44	65.41,-96.68	2020-08-29 9:49	65.44,-96.83	Moving	0:05	5
Summer	C-FLYG	29780276	2020-08-29 9:51	65.43,-96.83	2020-08-29 9:55	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29780294	2020-08-29 9:58	65.41,-96.67	2020-08-29 10:02	65.43,-96.59	Moving	0:03	3
Summer	C-FLYG	29780363	2020-08-29 10:24	65.43,-96.59	2020-08-29 10:46	65.43,-96.59	Moving	0:21	13
Summer	C-FLYG	29780438	2020-08-29 10:48	65.44,-96.6	2020-08-29 10:57	65.44,-96.83	Moving	0:09	7
Summer	C-FLYG	29780540	2020-08-29 11:22	65.44,-96.83	2020-08-29 11:28	65.41,-96.68	Moving	0:05	5
Summer	C-FLYG	29780950	2020-08-29 13:37	65.41,-96.68	2020-08-29 13:56	65.38,-96.78	Moving	0:18	11
Summer	C-FLYG	29781056	2020-08-29 14:08	65.38,-96.78	2020-08-29 14:14	65.46,-96.89	Moving	0:05	5
Summer	C-FLYG	29781087	2020-08-29 14:17	65.46,-96.9	2020-08-29 14:28	65.41,-96.68	Moving	0:10	7
Summer	C-FLYG	29781358	2020-08-29 15:43	65.41,-96.68	2020-08-29 15:59	65.1,-96.3	Moving	0:15	21
Summer	C-FLYG	29781425	2020-08-29 16:02	65.09,-96.29	2020-08-29 16:19	65.41,-96.68	Moving	0:17	21
Summer	C-FLYG	29781496	2020-08-29 16:23	65.41,-96.68	2020-08-29 16:27	65.44,-96.83	Moving	0:03	4
Summer	C-FLYG	29781516	2020-08-29 16:30	65.44,-96.85	2020-08-29 18:02	65.41,-96.68	Moving	1:32	9
Summer	C-FLYG	29781913	2020-08-29 18:18	65.41,-96.68	2020-08-29 18:23	65.44,-96.83	Moving	0:04	4
Summer	C-FLYG	29781933	2020-08-29 18:24	65.44,-96.84	2020-08-29 18:28	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29783809	2020-08-30 7:15	65.41,-96.68	2020-08-30 7:19	65.44,-96.83	Moving	0:03	4
Summer	C-FLYG	29783821	2020-08-30 7:21	65.43,-96.84	2020-08-30 7:31	65.41,-96.68	Moving	0:09	8
Summer	C-FLYG	29784199	2020-08-30 10:06	65.41,-96.67	2020-08-30 10:20	65.46,-96.89	Moving	0:14	10
Summer	C-FLYG	29784249	2020-08-30 10:23	65.46,-96.89	2020-08-30 10:28	65.41,-96.68	Moving	0:05	6
Summer	C-FLYG	29784277	2020-08-30 10:32	65.4,-96.66	2020-08-30 10:37	65.46,-96.89	Moving	0:05	6
Summer	C-FLYG	29784293	2020-08-30 10:39	65.46,-96.89	2020-08-30 10:47	65.41,-96.68	Moving	0:08	6
Summer	C-FLYG	29784793	2020-08-30 13:35	65.4,-96.66	2020-08-30 15:31	65.44,-96.83	Moving	1:55	15
Summer	C-FLYG	29785174	2020-08-30 15:34	65.43,-96.83	2020-08-30 15:38	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29787746	2020-08-31 8:10	65.38,-96.64	2020-08-31 8:23	65.1,-96.31	Moving	0:13	19
Summer	C-FLYG	29787781	2020-08-31 8:24	65.1,-96.3	2020-08-31 8:46	65.02,-96.07	Moving	0:22	9
Summer	C-FLYG	29787860	2020-08-31 8:49	65.03,-96.07	2020-08-31 9:07	65.41,-96.68	Moving	0:17	27
Summer	C-FLYG	29795251	2020-09-02 6:18	65.35,-96.56	2020-09-02 6:23	65.26,-96.41	Moving	0:04	6
Summer	C-FLYG	29795266	2020-09-02 6:24	65.25,-96.41	2020-09-02 6:35	65.02,-96.07	Moving	0:10	16
Summer	C-FLYG	29795311	2020-09-02 6:46	65.02,-96.07	2020-09-02 6:57	65.26,-96.41	Moving	0:11	16
Summer	C-FLYG	29795417	2020-09-02 7:27	65.26,-96.41	2020-09-02 8:27	65.41,-96.68	Moving	0:59	11
Summer	C-FLYG	29795631	2020-09-02 8:40	65.41,-96.68	2020-09-02 9:51	65.25,-96.41	Moving	1:11	12
Summer	C-FLYG	29795908	2020-09-02 9:58	65.25,-96.41	2020-09-02 10:37	65.26,-96.41	Moving	0:39	5
Summer	C-FLYG	29796106	2020-09-02 10:56	65.28,-96.43	2020-09-02 11:02	65.41,-96.68	Moving	0:06	12
Summer	C-FLYG	29797043	2020-09-02 15:06	65.41,-96.68	2020-09-02 15:15	65.26,-96.41	Moving	0:08	11
Summer	C-FLYG	29797191	2020-09-02 15:58	65.26,-96.41	2020-09-02 16:06	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29797386	2020-09-02 16:48	65.41,-96.68	2020-09-02 17:55	65.41,-96.68	Moving	1:07	70
Summer	C-FLYG	29797682	2020-09-02 18:12	65.41,-96.68	2020-09-02 18:25	65.26,-96.41	Moving	0:12	11
Summer	C-FLYG	29797749	2020-09-02 18:28	65.26,-96.4	2020-09-02 18:39	65.41,-96.68	Moving	0:10	12
Summer	C-FLYG	29799415	2020-09-03 6:08	65.36,-96.58	2020-09-03 6:18	65.26,-96.41	Moving	0:10	7
Summer	C-FLYG	29799447	2020-09-03 6:23	65.26,-96.4	2020-09-03 6:36	65.41,-96.68	Moving	0:12	12
Summer	C-FLYG	29799483	2020-09-03 6:41	65.41,-96.68	2020-09-03 7:27	65.41,-96.68	Moving	0:46	45
Summer	C-FLYG	29799657	2020-09-03 7:40	65.41,-96.68	2020-09-03 7:47	65.26,-96.41	Moving	0:07	11
Summer	C-FLYG	29799692	2020-09-03 7:49	65.26,-96.41	2020-09-03 7:57	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29800033	2020-09-03 9:24	65.41,-96.68	2020-09-03 9:33	65.26,-96.41	Moving	0:08	11
Summer	C-FLYG	29800066	2020-09-03 9:33	65.26,-96.41	2020-09-03 9:42	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29801702	2020-09-03 16:58	65.37,-96.59	2020-09-03 17:29	65.41,-96.68	Moving	0:30	19
Summer	C-FLYG	29801950	2020-09-03 18:10	65.41,-96.68	2020-09-03 18:28	65.26,-96.41	Moving	0:18	11
Summer	C-FLYG	29802049	2020-09-03 18:32	65.26,-96.41	2020-09-03 18:46	65.41,-96.68	Moving	0:13	10
Summer	C-FLYG	29803763	2020-09-04 6:16	65.41,-96.67	2020-09-04 6:35	65.26,-96.41	Moving	0:18	11
Summer	C-FLYG	29803808	2020-09-04 6:38	65.26,-96.41	2020-09-04 6:47	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29804336	2020-09-04 9:34	65.41,-96.68	2020-09-04 10:22	65.41,-96.68	Moving	0:48	46
Summer	C-FLYG	29804596	2020-09-04 10:48	65.41,-96.68	2020-09-04 10:57	65.26,-96.41	Moving	0:08	11
Summer	C-FLYG	29805150	2020-09-04 13:26	65.26,-96.41	2020-09-04 13:38	65.41,-96.68	Moving	0:11	14
Summer	C-FLYG	29805553	2020-09-04 15:24	65.41,-96.68	2020-09-04 15:59	65.14,-95.98	Moving	0:35	29
Summer	C-FLYG	29805698	2020-09-04 16:03	65.14,-95.98	2020-09-04 16:26	65.02,-96.07	Moving	0:22	7
Summer	C-FLYG	29805774	2020-09-04 16:28	65.03,-96.08	2020-09-04 16:47	65.41,-96.68	Moving	0:19	27
Summer	C-FLYG	29805943	2020-09-04 17:16	65.41,-96.68	2020-09-04 17:25	65.26,-96.41	Moving	0:08	11
Summer	C-FLYG	29806004	2020-09-04 17:29	65.26,-96.41	2020-09-04 17:39	65.41,-96.68	Moving	0:09	10
Summer	C-FLYG	29806138	2020-09-04 18:07	65.41,-96.68	2020-09-04 18:21	65.26,-96.41	Moving	0:13	11
Summer	C-FLYG	29806198	2020-09-04 18:25	65.26,-96.41	2020-09-04 18:34	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29808063	2020-09-05 6:09	65.41,-96.67	2020-09-05 6:27	65.26,-96.41	Moving	0:17	11
Summer	C-FLYG	29808095	2020-09-05 6:28	65.26,-96.41	2020-09-05 6:37	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29808140	2020-09-05 6:49	65.41,-96.68	2020-09-05 6:58	65.26,-96.41	Moving	0:08	12
Summer	C-FLYG	29808210	2020-09-05 7:21	65.26,-96.41	2020-09-05 9:34	65.41,-96.68	Moving	2:12	23
Summer	C-FLYG	29808635	2020-09-05 10:05	65.41,-96.68	2020-09-05 10:15	65.26,-96.41	Moving	0:09	11
Summer	C-FLYG	29808658	2020-09-05 10:17	65.26,-96.4	2020-09-05 12:02	65.41,-96.68	Moving	1:45	13
Summer	C-FLYG	29810116	2020-09-05 17:11	65.41,-96.68	2020-09-05 17:37	65.41,-96.68	Moving	0:26	23
Summer	C-FLYG	29810317	2020-09-05 18:05	65.41,-96.68	2020-09-05 18:19	65.26,-96.4	Moving	0:13	11
Summer	C-FLYG	29810381	2020-09-05 18:23	65.26,-96.41	2020-09-05 18:33	65.41,-96.68	Moving	0:10	11
Summer	C-FLYG	29812258	2020-09-06 6:12	65.37,-96.57	2020-09-06 6:18	65.26,-96.4	Moving	0:05	7
Summer	C-FLYG	29812295	2020-09-06 6:38	65.26,-96.4	2020-09-06 6:50	65.41,-96.68	Moving	0:11	11
Summer	C-FLYG	29812471	2020-09-06 8:05	65.41,-96.68	2020-09-06 9:14	65.41,-96.68	Moving	1:08	70
Summer	C-FLYG	29812865	2020-09-06 10:38	65.41,-96.68	2020-09-06 10:52	65.26,-96.4	Moving	0:13	11
Summer	C-FLYG	29812935	2020-09-06 11:01	65.26,-96.4	2020-09-06 12:04	65.41,-96.68	Moving	1:03	11
Summer	C-FLYG	29813526	2020-09-06 14:12	65.41,-96.68	2020-09-06 14:19	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29813710	2020-09-06 15:02	65.26,-96.4	2020-09-06 16:41	65.41,-96.68	Moving	1:38	28
Summer	C-FLYG	29814160	2020-09-06 16:55	65.41,-96.68	2020-09-06 17:38	65.26,-96.4	Moving	0:42	19
Summer	C-FLYG	29814362	2020-09-06 17:41	65.26,-96.41	2020-09-06 18:00	65.41,-96.68	Moving	0:19	11
Summer	C-FLYG	29814498	2020-09-06 18:12	65.41,-96.68	2020-09-06 18:24	65.25,-96.41	Moving	0:12	11
Summer	C-FLYG	29814560	2020-09-06 18:29	65.26,-96.42	2020-09-06 18:37	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29816446	2020-09-07 6:16	65.34,-96.54	2020-09-07 6:31	65.25,-96.41	Moving	0:15	6
Summer	C-FLYG	29816494	2020-09-07 6:34	65.26,-96.42	2020-09-07 6:42	65.41,-96.68	Moving	0:07	10
Summer	C-FLYG	29816711	2020-09-07 7:50	65.41,-96.68	2020-09-07 8:38	65.41,-96.68	Moving	0:47	47
Summer	C-FLYG	29816999	2020-09-07 9:22	65.41,-96.68	2020-09-07 9:31	65.25,-96.41	Moving	0:08	11
Summer	C-FLYG	29817077	2020-09-07 9:44	65.26,-96.4	2020-09-07 11:05	65.41,-96.68	Moving	1:21	13
Summer	C-FLYG	29818535	2020-09-07 17:08	65.36,-96.57	2020-09-07 17:28	65.41,-96.68	Moving	0:20	19
Summer	C-FLYG	29818735	2020-09-07 18:09	65.41,-96.68	2020-09-07 18:22	65.25,-96.41	Moving	0:12	11
Summer	C-FLYG	29818807	2020-09-07 18:26	65.26,-96.42	2020-09-07 18:35	65.41,-96.68	Moving	0:08	10
Summer	C-FLYG	29820340	2020-09-08 6:07	65.4,-96.66	2020-09-08 6:25	65.25,-96.42	Moving	0:17	10
Summer	C-FLYG	29820373	2020-09-08 6:25	65.26,-96.42					

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-FLYG	29821923	2020-09-08 13:45	65.25,-96.4	2020-09-08 14:54	65.41,-96.68	Moving	1:08	14
Summer	C-FLYG	29822746	2020-09-08 18:08	65.41,-96.68	2020-09-08 18:24	65.26,-96.4	Moving	0:15	11
Summer	C-FLYG	29822814	2020-09-08 18:28	65.26,-96.39	2020-09-08 18:35	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29824248	2020-09-09 6:42	65.41,-96.68	2020-09-09 7:02	65.26,-96.4	Moving	0:20	11
Summer	C-FLYG	29824305	2020-09-09 7:09	65.27,-96.39	2020-09-09 7:16	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29824335	2020-09-09 7:21	65.41,-96.67	2020-09-09 8:24	65.41,-96.68	Moving	1:03	70
Summer	C-FLYG	29824679	2020-09-09 9:20	65.41,-96.68	2020-09-09 9:41	65.02,-96.07	Moving	0:21	27
Summer	C-FLYG	29824975	2020-09-09 10:47	65.02,-96.07	2020-09-09 10:57	65.1,-95.95	Moving	0:09	8
Summer	C-FLYG	29825013	2020-09-09 10:58	65.1,-95.96	2020-09-09 11:40	65.26,-96.4	Moving	0:41	18
Summer	C-FLYG	29825470	2020-09-09 12:48	65.26,-96.4	2020-09-09 12:57	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29825872	2020-09-09 14:29	65.41,-96.68	2020-09-09 14:38	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29826033	2020-09-09 15:13	65.26,-96.4	2020-09-09 16:56	65.41,-96.68	Moving	1:42	12
Summer	C-FLYG	29826733	2020-09-09 18:14	65.4,-96.66	2020-09-09 18:32	65.26,-96.4	Moving	0:17	11
Summer	C-FLYG	29826803	2020-09-09 18:36	65.26,-96.39	2020-09-09 18:43	65.41,-96.68	Moving	0:06	11
Summer	C-FLYG	29828421	2020-09-10 6:46	65.41,-96.67	2020-09-10 6:53	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29828460	2020-09-10 7:08	65.26,-96.4	2020-09-10 7:17	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29828612	2020-09-10 7:58	65.41,-96.68	2020-09-10 8:20	65.41,-96.68	Moving	0:22	23
Summer	C-FLYG	29828691	2020-09-10 8:22	65.41,-96.67	2020-09-10 9:00	65.41,-96.68	Moving	0:38	45
Summer	C-FLYG	29828862	2020-09-10 9:19	65.38,-96.61	2020-09-10 9:30	65.26,-96.4	Moving	0:10	13
Summer	C-FLYG	29828902	2020-09-10 9:31	65.26,-96.4	2020-09-10 10:20	65.41,-96.68	Moving	0:49	12
Summer	C-FLYG	29830491	2020-09-10 16:49	65.37,-96.61	2020-09-10 17:07	65.41,-96.68	Moving	0:18	19
Summer	C-FLYG	29830580	2020-09-10 17:10	65.41,-96.68	2020-09-10 17:55	65.41,-96.68	Moving	0:45	46
Summer	C-FLYG	29830807	2020-09-10 18:14	65.41,-96.68	2020-09-10 18:26	65.26,-96.4	Moving	0:12	11
Summer	C-FLYG	29830864	2020-09-10 18:31	65.26,-96.4	2020-09-10 18:39	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29832495	2020-09-11 6:39	65.39,-96.63	2020-09-11 6:50	65.26,-96.4	Moving	0:11	10
Summer	C-FLYG	29832532	2020-09-11 6:55	65.26,-96.4	2020-09-11 7:03	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29832564	2020-09-11 7:07	65.41,-96.67	2020-09-11 8:09	65.41,-96.68	Moving	1:01	70
Summer	C-FLYG	29833005	2020-09-11 9:45	65.4,-96.68	2020-09-11 9:52	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29833155	2020-09-11 10:28	65.26,-96.4	2020-09-11 12:16	65.41,-96.68	Moving	1:48	12
Summer	C-FLYG	29834963	2020-09-11 18:42	65.33,-96.53	2020-09-11 18:52	65.26,-96.4	Moving	0:09	5
Summer	C-FLYG	29835020	2020-09-11 18:56	65.26,-96.41	2020-09-11 19:04	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29836408	2020-09-12 6:32	65.41,-96.68	2020-09-12 6:47	65.26,-96.4	Moving	0:15	11
Summer	C-FLYG	29836439	2020-09-12 6:51	65.26,-96.41	2020-09-12 6:59	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29836462	2020-09-12 7:04	65.4,-96.66	2020-09-12 8:03	65.41,-96.68	Moving	0:59	70
Summer	C-FLYG	29836685	2020-09-12 8:50	65.41,-96.68	2020-09-12 9:04	65.1,-96.39	Moving	0:13	20
Summer	C-FLYG	29836719	2020-09-12 9:06	65.09,-96.4	2020-09-12 9:29	64.64,-96.29	Moving	0:23	27
Summer	C-FLYG	29836785	2020-09-12 9:30	64.65,-96.3	2020-09-12 15:21	65.02,-96.07	Moving	5:51	26
Summer	C-FLYG	29837810	2020-09-12 15:26	65.03,-96.08	2020-09-12 15:33	65.1,-96.39	Moving	0:07	8
Summer	C-FLYG	29837852	2020-09-12 15:37	65.1,-96.4	2020-09-12 15:50	65.41,-96.68	Moving	0:13	20
Summer	C-FLYG	29838089	2020-09-12 16:57	65.41,-96.68	2020-09-12 17:40	65.41,-96.68	Moving	0:42	46
Summer	C-FLYG	29838318	2020-09-12 18:16	65.41,-96.68	2020-09-12 18:24	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29838359	2020-09-12 18:25	65.26,-96.41	2020-09-12 18:40	65.41,-96.68	Moving	0:14	11
Summer	C-FLYG	29839814	2020-09-13 6:36	65.41,-96.66	2020-09-13 6:54	65.26,-96.4	Moving	0:18	11
Summer	C-FLYG	29839846	2020-09-13 6:59	65.26,-96.41	2020-09-13 7:07	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29839868	2020-09-13 7:12	65.41,-96.68	2020-09-13 7:55	65.41,-96.68	Moving	0:43	47
Summer	C-FLYG	29839975	2020-09-13 8:21	65.41,-96.68	2020-09-13 8:28	65.26,-96.4	Moving	0:06	11
Summer	C-FLYG	29839996	2020-09-13 8:30	65.26,-96.41	2020-09-13 8:39	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29840015	2020-09-13 8:42	65.41,-96.67	2020-09-13 9:03	65.26,-96.4	Moving	0:20	11
Summer	C-FLYG	29840094	2020-09-13 9:25	65.26,-96.4	2020-09-13 9:34	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29840191	2020-09-13 10:03	65.41,-96.68	2020-09-13 10:10	65.46,-96.89	Moving	0:06	6
Summer	C-FLYG	29840206	2020-09-13 10:12	65.46,-96.88	2020-09-13 10:17	65.41,-96.68	Moving	0:04	6
Summer	C-FLYG	29840499	2020-09-13 12:20	65.41,-96.68	2020-09-13 12:27	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29840596	2020-09-13 12:58	65.26,-96.4	2020-09-13 13:07	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29840614	2020-09-13 13:08	65.41,-96.68	2020-09-13 13:19	65.46,-96.89	Moving	0:11	6
Summer	C-FLYG	29840659	2020-09-13 13:23	65.46,-96.88	2020-09-13 13:27	65.41,-96.68	Moving	0:04	6
Summer	C-FLYG	29840888	2020-09-13 14:50	65.41,-96.68	2020-09-13 15:02	65.26,-96.4	Moving	0:11	11
Summer	C-FLYG	29840983	2020-09-13 15:20	65.26,-96.4	2020-09-13 16:38	65.41,-96.68	Moving	1:17	12
Summer	C-FLYG	29841167	2020-09-13 16:41	65.41,-96.67	2020-09-13 16:48	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29841188	2020-09-13 16:49	65.26,-96.4	2020-09-13 16:58	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29841389	2020-09-13 18:08	65.41,-96.68	2020-09-13 18:21	65.26,-96.4	Moving	0:13	11
Summer	C-FLYG	29841438	2020-09-13 18:24	65.27,-96.4	2020-09-13 18:33	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29842960	2020-09-14 6:36	65.41,-96.66	2020-09-14 6:48	65.26,-96.4	Moving	0:12	11
Summer	C-FLYG	29842995	2020-09-14 6:50	65.26,-96.41	2020-09-14 7:03	65.41,-96.68	Moving	0:13	11
Summer	C-FLYG	29843028	2020-09-14 7:07	65.41,-96.67	2020-09-14 7:31	65.41,-96.68	Moving	0:24	23
Summer	C-FLYG	29844007	2020-09-14 12:26	65.36,-96.55	2020-09-14 12:32	65.28,-96.39	Moving	0:05	6
Summer	C-FLYG	29844100	2020-09-14 12:54	65.27,-96.39	2020-09-14 13:31	65.1,-96.35	Moving	0:36	15
Summer	C-FLYG	29844238	2020-09-14 13:32	65.1,-96.36	2020-09-14 14:37	65.41,-96.68	Moving	1:04	23
Summer	C-FLYG	29844863	2020-09-14 16:36	65.41,-96.68	2020-09-14 17:47	65.41,-96.68	Moving	1:11	71
Summer	C-FLYG	29845162	2020-09-14 18:07	65.41,-96.68	2020-09-14 18:15	65.26,-96.4	Moving	0:08	11
Summer	C-FLYG	29845235	2020-09-14 18:29	65.26,-96.4	2020-09-14 18:38	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29846913	2020-09-15 6:38	65.4,-96.63	2020-09-15 6:45	65.26,-96.4	Moving	0:07	10
Summer	C-FLYG	29846946	2020-09-15 6:49	65.26,-96.41	2020-09-15 7:03	65.41,-96.67	Moving	0:14	11
Summer	C-FLYG	29846971	2020-09-15 7:03	65.41,-96.67	2020-09-15 7:25	65.41,-96.68	Moving	0:21	23
Summer	C-FLYG	29847103	2020-09-15 7:48	65.41,-96.68	2020-09-15 7:56	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29847144	2020-09-15 7:58	65.25,-96.41	2020-09-15 8:50	65.25,-96.42	Moving	0:52	7
Summer	C-FLYG	29847307	2020-09-15 8:52	65.25,-96.41	2020-09-15 9:40	65.41,-96.68	Moving	0:47	14
Summer	C-FLYG	29847622	2020-09-15 10:25	65.41,-96.68	2020-09-15 10:33	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29847746	2020-09-15 11:03	65.26,-96.4	2020-09-15 12:36	65.41,-96.68	Moving	1:33	31
Summer	C-FLYG	29848163	2020-09-15 13:01	65.41,-96.68	2020-09-15 14:10	65.26,-96.4	Moving	1:09	24
Summer	C-FLYG	29848442	2020-09-15 14:11	65.26,-96.41	2020-09-15 15:08	65.26,-96.4	Moving	0:57	50
Summer	C-FLYG	29848651	2020-09-15 15:11	65.26,-96.41	2020-09-15 15:19	65.41,-96.68	Moving	0:07	10
Summer	C-FLYG	29848916	2020-09-15 16:24	65.39,-96.6	2020-09-15 17:06	65.41,-96.68	Moving	0:42	49
Summer	C-FLYG	29849311	2020-09-15 18:09	65.41,-96.67	2020-09-15 18:27	65.25,-96.42	Moving	0:17	11
Summer	C-FLYG	29849386	2020-09-15 18:27	65.25,-96.43	2020-09-15 18:36	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29851080	2020-09-16 6:46	65.35,-96.6	2020-09-16 7:02	65.25,-96.42	Moving	0:16	7
Summer	C-FLYG	29851111	2020-09-16 7:04	65.25,-96.43	2020-09-16 7:16	65.41,-96.68	Moving	0:11	11
Summer	C-FLYG	29851154	2020-09-16 7:18	65.41,-96.67	2020-09-16 8:02	65.41,-96.68	Moving	0:44	47
Summer	C-FLYG	29851374	2020-09-16 8:37	65.41,-96.68	2020-09-16 8:45	65.26,-96.4	Moving	0:07	11
Summer	C-FLYG	29851402	2020-09-16 8:46	65.26,-96.41	2020-09-16 9:14	65.26,-96.4	Moving	0:28	9
Summer	C-FLYG	29851526	2020-09-16 9:15	65.26,-96.41	2020-09-16 9:57	65.41,-96.68	Moving	0:41	12
Summer	C-FLYG	29851709	2020-09-16 10:01	65.41,-96.67	2020-09-16 10:16	65.02,-96.07	Moving	0:14	27
Summer	C-FLYG	29851835	2020-09-16 10:43	65.03,-96.08	2020-09-16 11:08	65.41,-96.68	Moving	0:25	30
Summer	C-FLYG	29853082	2020-09-16 16:26	65.36,-96.62	2020-09-16 16:34	65.25,-96.42	Moving	0:08	8
Summer	C-FLYG	29853121	2020-09-16 16:36	65.25,-96.42	2020-09-16 17:07	65.41,-96.68	Moving	0:31	35
Summer	C-FLYG	29853434	2020-09-16 17:46	65.41,-96.68	2020-09-16 17:59	65.25,-96.42	Moving	0:13	12
Summer	C-FLYG	29853501	2020-09-16 18:04	65.25,-96.43	2020-09-16 18:13	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29855274	2020-09-17 6:39	65.41,-96.68	2020-09-17 6:53	65.25,-96.42	Moving	0:14	12
Summer	C-FLYG	29855307	2020-09-17 6:54	65.25,-96.43	2020-09-17 7:03				

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Summer	C-FLYG	29857148	2020-09-17 15:36	65.42,-96.81	2020-09-17 15:39	65.41,-96.68	Moving	0:03	4
Summer	C-FLYG	29857165	2020-09-17 15:41	65.41,-96.67	2020-09-17 15:48	65.25,-96.42	Moving	0:07	11
Summer	C-FLYG	29857213	2020-09-17 15:50	65.25,-96.41	2020-09-17 16:25	65.25,-96.42	Moving	0:35	4
Summer	C-FLYG	29857341	2020-09-17 16:26	65.25,-96.41	2020-09-17 16:37	65.1,-96.3	Moving	0:11	10
Summer	C-FLYG	29857388	2020-09-17 16:38	65.1,-96.3	2020-09-17 16:58	65.41,-96.68	Moving	0:19	21
Summer	C-FLYG	29857463	2020-09-17 16:58	65.41,-96.67	2020-09-17 17:19	65.41,-96.68	Moving	0:21	23
Summer	C-FLYG	29857539	2020-09-17 17:21	65.41,-96.67	2020-09-17 17:28	65.25,-96.42	Moving	0:07	11
Summer	C-FLYG	29857576	2020-09-17 17:30	65.25,-96.42	2020-09-17 17:39	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29857614	2020-09-17 17:40	65.41,-96.68	2020-09-17 17:45	65.42,-96.81	Moving	0:04	3
Summer	C-FLYG	29857644	2020-09-17 17:49	65.42,-96.8	2020-09-17 18:13	65.41,-96.68	Moving	0:24	4
Summer	C-FLYG	29857753	2020-09-17 18:14	65.41,-96.67	2020-09-17 18:32	65.25,-96.42	Moving	0:18	11
Summer	C-FLYG	29857832	2020-09-17 18:33	65.25,-96.43	2020-09-17 18:42	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29859385	2020-09-18 6:41	65.38,-96.63	2020-09-18 6:52	65.25,-96.42	Moving	0:11	9
Summer	C-FLYG	29859456	2020-09-18 7:10	65.25,-96.42	2020-09-18 7:19	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29859494	2020-09-18 7:23	65.41,-96.67	2020-09-18 8:07	65.41,-96.68	Moving	0:44	46
Summer	C-FLYG	29859710	2020-09-18 8:34	65.41,-96.68	2020-09-18 8:49	65.11,-96.29	Moving	0:14	21
Summer	C-FLYG	29859767	2020-09-18 8:50	65.11,-96.31	2020-09-18 9:02	65.41,-96.68	Moving	0:11	20
Summer	C-FLYG	29860799	2020-09-18 13:32	65.41,-96.66	2020-09-18 13:39	65.35,-96.7	Moving	0:06	4
Summer	C-FLYG	29860836	2020-09-18 13:41	65.35,-96.71	2020-09-18 13:46	65.41,-96.68	Moving	0:04	5
Summer	C-FLYG	29861337	2020-09-18 16:09	65.41,-96.66	2020-09-18 16:13	65.35,-96.7	Moving	0:03	4
Summer	C-FLYG	29861359	2020-09-18 16:15	65.35,-96.71	2020-09-18 16:19	65.41,-96.68	Moving	0:04	4
Summer	C-FLYG	29861385	2020-09-18 16:21	65.41,-96.66	2020-09-18 16:33	65.1,-96.32	Moving	0:12	20
Summer	C-FLYG	29861435	2020-09-18 16:34	65.1,-96.33	2020-09-18 16:48	65.41,-96.68	Moving	0:13	20
Summer	C-FLYG	29861486	2020-09-18 16:51	65.41,-96.67	2020-09-18 17:34	65.41,-96.68	Moving	0:42	47
Summer	C-FLYG	29861746	2020-09-18 18:01	65.41,-96.68	2020-09-18 18:14	65.25,-96.42	Moving	0:13	12
Summer	C-FLYG	29861805	2020-09-18 18:19	65.25,-96.43	2020-09-18 18:27	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29863500	2020-09-19 6:40	65.39,-96.62	2020-09-19 6:49	65.25,-96.42	Moving	0:08	10
Summer	C-FLYG	29863577	2020-09-19 7:15	65.25,-96.43	2020-09-19 7:24	65.41,-96.68	Moving	0:08	11
Summer	C-FLYG	29863603	2020-09-19 7:27	65.41,-96.67	2020-09-19 7:48	65.41,-96.68	Moving	0:21	23
Summer	C-FLYG	29864340	2020-09-19 12:04	65.37,-96.58	2020-09-19 12:10	65.25,-96.42	Moving	0:05	8
Summer	C-FLYG	29864431	2020-09-19 12:35	65.25,-96.42	2020-09-19 13:42	65.41,-96.68	Moving	1:07	16
Summer	C-FLYG	29864668	2020-09-19 13:56	65.41,-96.67	2020-09-19 14:04	65.25,-96.42	Moving	0:08	11
Summer	C-FLYG	29864698	2020-09-19 14:07	65.25,-96.42	2020-09-19 15:20	65.25,-96.42	Moving	1:13	6
Summer	C-FLYG	29864935	2020-09-19 15:21	65.25,-96.42	2020-09-19 15:50	65.41,-96.68	Moving	0:28	11
Summer	C-FLYG	29865060	2020-09-19 16:05	65.41,-96.68	2020-09-19 16:29	65.41,-96.68	Moving	0:24	23
Summer	C-FLYG	29865448	2020-09-19 18:05	65.41,-96.67	2020-09-19 18:18	65.25,-96.42	Moving	0:12	11
Summer	C-FLYG	29865512	2020-09-19 18:19	65.26,-96.41	2020-09-19 18:27	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29867193	2020-09-20 7:03	65.36,-96.6	2020-09-20 7:09	65.25,-96.42	Moving	0:05	7
Summer	C-FLYG	29867216	2020-09-20 7:12	65.25,-96.42	2020-09-20 7:26	65.4,-96.68	Moving	0:14	11
Summer	C-FLYG	29867238	2020-09-20 7:26	65.41,-96.67	2020-09-20 7:48	65.41,-96.68	Moving	0:21	23
Summer	C-FLYG	29868607	2020-09-20 16:29	65.37,-96.59	2020-09-20 17:28	65.41,-96.68	Moving	0:59	66
Summer	C-FLYG	29868886	2020-09-20 18:03	65.41,-96.68	2020-09-20 18:15	65.25,-96.42	Moving	0:12	11
Summer	C-FLYG	29868941	2020-09-20 18:18	65.26,-96.42	2020-09-20 18:27	65.41,-96.68	Moving	0:09	11
Summer	C-FLYG	29870666	2020-09-21 6:53	65.41,-96.68	2020-09-21 7:03	65.25,-96.42	Moving	0:09	11
Summer	C-FLYG	29870691	2020-09-21 7:08	65.26,-96.41	2020-09-21 7:16	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29870715	2020-09-21 7:18	65.41,-96.66	2020-09-21 7:30	65.25,-96.42	Moving	0:11	11
Summer	C-FLYG	29870749	2020-09-21 7:33	65.25,-96.42	2020-09-21 9:05	65.41,-96.68	Moving	1:32	14
Summer	C-FLYG	29871067	2020-09-21 9:20	65.4,-96.68	2020-09-21 9:45	65.41,-96.68	Moving	0:24	23
Summer	C-FLYG	29871484	2020-09-21 11:35	65.41,-96.68	2020-09-21 13:38	65.25,-96.42	Moving	2:03	11
Summer	C-FLYG	29871932	2020-09-21 13:40	65.26,-96.41	2020-09-21 14:29	65.41,-96.68	Moving	0:48	56
Summer	C-FLYG	29872198	2020-09-21 15:00	65.41,-96.68	2020-09-21 15:11	65.25,-96.42	Moving	0:10	11
Summer	C-FLYG	29872230	2020-09-21 15:13	65.26,-96.41	2020-09-21 15:20	65.41,-96.68	Moving	0:07	11
Summer	C-FLYG	29872302	2020-09-21 15:35	65.41,-96.68	2020-09-21 16:21	65.41,-96.68	Moving	0:46	46
Summer	C-FLYG	29872991	2020-09-21 18:54	65.41,-96.66	2020-09-21 19:12	65.25,-96.42	Moving	0:17	11
Summer	C-FLYG	29873060	2020-09-21 19:14	65.26,-96.42	2020-09-21 19:22	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29874647	2020-09-22 6:56	65.41,-96.66	2020-09-22 7:05	65.25,-96.42	Moving	0:08	11
Fall	C-FLYG	29874676	2020-09-22 7:09	65.26,-96.42	2020-09-22 7:18	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29874896	2020-09-22 8:32	65.41,-96.68	2020-09-22 8:56	65.41,-96.68	Moving	0:23	23
Fall	C-FLYG	29875357	2020-09-22 11:08	65.41,-96.68	2020-09-22 11:17	65.26,-96.42	Moving	0:09	11
Fall	C-FLYG	29875470	2020-09-22 11:42	65.26,-96.42	2020-09-22 12:45	65.41,-96.68	Moving	1:03	12
Fall	C-FLYG	29876287	2020-09-22 15:43	65.41,-96.66	2020-09-22 15:50	65.25,-96.42	Moving	0:07	11
Fall	C-FLYG	29876362	2020-09-22 16:03	65.25,-96.42	2020-09-22 17:09	65.41,-96.68	Moving	1:06	12
Fall	C-FLYG	29876606	2020-09-22 17:13	65.41,-96.67	2020-09-22 17:46	65.25,-96.41	Moving	0:32	11
Fall	C-FLYG	29876739	2020-09-22 17:50	65.26,-96.41	2020-09-22 18:03	65.4,-96.68	Moving	0:13	11
Fall	C-FLYG	29876786	2020-09-22 18:04	65.41,-96.66	2020-09-22 18:27	65.41,-96.68	Moving	0:22	22
Fall	C-FLYG	29876892	2020-09-22 18:40	65.41,-96.68	2020-09-22 18:48	65.25,-96.41	Moving	0:08	11
Fall	C-FLYG	29876935	2020-09-22 18:52	65.26,-96.41	2020-09-22 19:00	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29878611	2020-09-23 7:03	65.34,-96.59	2020-09-23 7:08	65.25,-96.42	Moving	0:05	6
Fall	C-FLYG	29878628	2020-09-23 7:12	65.26,-96.41	2020-09-23 7:19	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29878644	2020-09-23 7:21	65.41,-96.66	2020-09-23 7:42	65.41,-96.68	Moving	0:21	22
Fall	C-FLYG	29878706	2020-09-23 7:46	65.41,-96.67	2020-09-23 8:07	65.41,-96.68	Moving	0:21	22
Fall	C-FLYG	29878870	2020-09-23 8:43	65.41,-96.68	2020-09-23 8:53	65.26,-96.42	Moving	0:09	10
Fall	C-FLYG	29878899	2020-09-23 8:55	65.26,-96.42	2020-09-23 9:02	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29878941	2020-09-23 9:06	65.41,-96.66	2020-09-23 9:12	65.25,-96.42	Moving	0:06	10
Fall	C-FLYG	29879009	2020-09-23 9:22	65.25,-96.42	2020-09-23 10:25	65.25,-96.42	Moving	1:02	69
Fall	C-FLYG	29879246	2020-09-23 10:35	65.25,-96.42	2020-09-23 11:12	65.41,-96.68	Moving	0:36	15
Fall	C-FLYG	29879535	2020-09-23 11:37	65.41,-96.68	2020-09-23 11:57	65.41,-96.68	Moving	0:20	23
Fall	C-FLYG	29880082	2020-09-23 13:41	65.41,-96.68	2020-09-23 13:50	65.26,-96.41	Moving	0:08	11
Fall	C-FLYG	29880126	2020-09-23 13:51	65.25,-96.41	2020-09-23 15:07	65.41,-96.68	Moving	1:16	15
Fall	C-FLYG	29880642	2020-09-23 15:56	65.41,-96.67	2020-09-23 16:05	65.25,-96.41	Moving	0:09	11
Fall	C-FLYG	29880708	2020-09-23 16:09	65.25,-96.43	2020-09-23 16:20	65.41,-96.68	Moving	0:11	12
Fall	C-FLYG	29880787	2020-09-23 16:24	65.41,-96.66	2020-09-23 16:45	65.41,-96.68	Moving	0:20	22
Fall	C-FLYG	29881359	2020-09-23 18:42	65.41,-96.68	2020-09-23 18:56	65.25,-96.41	Moving	0:13	11
Fall	C-FLYG	29881416	2020-09-23 18:56	65.26,-96.41	2020-09-23 19:04	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29883025	2020-09-24 7:00	65.41,-96.68	2020-09-24 7:10	65.25,-96.41	Moving	0:10	12
Fall	C-FLYG	29883063	2020-09-24 7:14	65.25,-96.42	2020-09-24 7:23	65.41,-96.68	Moving	0:09	11
Fall	C-FLYG	29883107	2020-09-24 7:29	65.4,-96.66	2020-09-24 7:45	65.26,-96.42	Moving	0:15	11
Fall	C-FLYG	29883162	2020-09-24 7:48	65.26,-96.41	2020-09-24 8:15	65.41,-96.68	Moving	0:27	14
Fall	C-FLYG	29883711	2020-09-24 10:30	65.41,-96.68	2020-09-24 10:41	65.25,-96.42	Moving	0:10	11
Fall	C-FLYG	29883810	2020-09-24 11:00	65.26,-96.41	2020-09-24 11:09	65.41,-96.68	Moving	0:09	11
Fall	C-FLYG	29884370	2020-09-24 13:25	65.41,-96.68	2020-09-24 13:33	65.25,-96.42	Moving	0:08	11
Fall	C-FLYG	29884423	2020-09-24 13:37	65.25,-96.42	2020-09-24 15:38	65.4,-96.68	Moving	2:00	17
Fall	C-FLYG	29884882	2020-09-24 15:39	65.41,-96.67	2020-09-24 17:04	65.26,-96.41	Moving	1:24	14
Fall	C-FLYG	29885174	2020-09-24 17:04	65.26,-96.41	2020-09-24 17:12	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29885209	2020-09-24 17:16	65.4,-96.66	2020-09-24 17:25	65.25,-96.41	Moving	0:08	11
Fall	C-FLYG	29885251	2020-09-24 17:26	65.25,-96.41	2020-09-24 17:45	65.41,-96.68	Moving	0:19	14
Fall	C-FLYG	29885333	2020-09-24 17:50	65.4,-96.66	2020-09-24 18:31	65.41,-96.68	Moving	0:41	45
Fall	C-FLYG	2988							

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Fall	C-FLYG	29888629	2020-09-25 15:39	65.25,-96.42	2020-09-25 16:41	65.41,-96.68	Moving	1:01	13
Fall	C-FLYG	29888862	2020-09-25 16:45	65.4,-96.67	2020-09-25 17:30	65.41,-96.68	Moving	0:45	46
Fall	C-FLYG	29889033	2020-09-25 17:35	65.4,-96.67	2020-09-25 17:58	65.41,-96.68	Moving	0:22	22
Fall	C-FLYG	29889278	2020-09-25 18:39	65.41,-96.68	2020-09-25 18:54	65.26,-96.41	Moving	0:14	11
Fall	C-FLYG	29889366	2020-09-25 18:57	65.26,-96.41	2020-09-25 19:05	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29890758	2020-09-26 7:18	65.36,-96.58	2020-09-26 7:24	65.26,-96.41	Moving	0:06	7
Fall	C-FLYG	29890783	2020-09-26 7:29	65.26,-96.41	2020-09-26 7:36	65.41,-96.68	Moving	0:06	11
Fall	C-FLYG	29890929	2020-09-26 8:31	65.41,-96.68	2020-09-26 8:44	65.26,-96.42	Moving	0:12	12
Fall	C-FLYG	29890961	2020-09-26 8:46	65.26,-96.42	2020-09-26 8:53	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29890985	2020-09-26 8:57	65.41,-96.67	2020-09-26 9:40	65.41,-96.68	Moving	0:43	46
Fall	C-FLYG	29891413	2020-09-26 11:49	65.41,-96.68	2020-09-26 11:57	65.26,-96.41	Moving	0:08	11
Fall	C-FLYG	29891475	2020-09-26 12:11	65.26,-96.41	2020-09-26 14:06	65.41,-96.68	Moving	1:55	20
Fall	C-FLYG	29891893	2020-09-26 14:42	65.41,-96.67	2020-09-26 14:50	65.26,-96.39	Moving	0:08	11
Fall	C-FLYG	29891934	2020-09-26 14:53	65.26,-96.4	2020-09-26 15:05	65.41,-96.68	Moving	0:11	11
Fall	C-FLYG	29892094	2020-09-26 15:40	65.41,-96.68	2020-09-26 15:50	65.26,-96.41	Moving	0:09	11
Fall	C-FLYG	29892201	2020-09-26 16:12	65.26,-96.41	2020-09-26 17:47	65.25,-96.41	Moving	1:35	3
Fall	C-FLYG	29892548	2020-09-26 17:50	65.26,-96.4	2020-09-26 18:03	65.41,-96.68	Moving	0:12	11
Fall	C-FLYG	29892606	2020-09-26 18:08	65.41,-96.67	2020-09-26 18:19	65.25,-96.41	Moving	0:10	11
Fall	C-FLYG	29892647	2020-09-26 18:23	65.26,-96.41	2020-09-26 18:33	65.41,-96.68	Moving	0:10	11
Fall	C-FLYG	29892683	2020-09-26 18:34	65.41,-96.66	2020-09-26 18:47	65.25,-96.41	Moving	0:12	11
Fall	C-FLYG	29892741	2020-09-26 18:50	65.26,-96.4	2020-09-26 18:58	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29894592	2020-09-27 9:10	65.34,-96.55	2020-09-27 9:16	65.25,-96.41	Moving	0:05	7
Fall	C-FLYG	29894607	2020-09-27 9:17	65.26,-96.41	2020-09-27 9:32	65.41,-96.68	Moving	0:15	14
Fall	C-FLYG	29894652	2020-09-27 9:35	65.41,-96.66	2020-09-27 9:45	65.26,-96.42	Moving	0:09	11
Fall	C-FLYG	29894684	2020-09-27 9:50	65.27,-96.41	2020-09-27 10:04	65.41,-96.68	Moving	0:14	11
Fall	C-FLYG	29894716	2020-09-27 10:05	65.41,-96.66	2020-09-27 10:13	65.26,-96.4	Moving	0:07	11
Fall	C-FLYG	29894731	2020-09-27 10:14	65.26,-96.4	2020-09-27 10:39	65.26,-96.41	Moving	0:24	4
Fall	C-FLYG	29894783	2020-09-27 10:40	65.26,-96.4	2020-09-27 11:40	65.41,-96.68	Moving	1:00	11
Fall	C-FLYG	29894948	2020-09-27 11:43	65.41,-96.67	2020-09-27 12:03	65.41,-96.68	Moving	0:20	23
Fall	C-FLYG	29895593	2020-09-27 15:02	65.41,-96.68	2020-09-27 15:20	65.27,-96.41	Moving	0:17	13
Fall	C-FLYG	29895634	2020-09-27 15:20	65.27,-96.41	2020-09-27 15:53	65.41,-96.68	Moving	0:32	15
Fall	C-FLYG	29895744	2020-09-27 15:55	65.41,-96.67	2020-09-27 16:06	65.26,-96.39	Moving	0:11	11
Fall	C-FLYG	29895838	2020-09-27 16:20	65.26,-96.39	2020-09-27 16:39	65.41,-96.68	Moving	0:18	12
Fall	C-FLYG	29895912	2020-09-27 16:41	65.41,-96.67	2020-09-27 17:01	65.41,-96.68	Moving	0:20	22
Fall	C-FLYG	29896043	2020-09-27 17:22	65.41,-96.68	2020-09-27 18:53	65.25,-96.41	Moving	1:30	11
Fall	C-FLYG	29896324	2020-09-27 18:56	65.26,-96.42	2020-09-27 19:04	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29897666	2020-09-28 7:16	65.37,-96.6	2020-09-28 7:25	65.25,-96.41	Moving	0:08	8
Fall	C-FLYG	29897691	2020-09-28 7:26	65.25,-96.42	2020-09-28 7:34	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29897718	2020-09-28 7:37	65.41,-96.66	2020-09-28 8:00	65.27,-96.41	Moving	0:23	12
Fall	C-FLYG	29897793	2020-09-28 8:04	65.27,-96.41	2020-09-28 8:26	65.41,-96.68	Moving	0:22	12
Fall	C-FLYG	29898128	2020-09-28 10:07	65.41,-96.68	2020-09-28 10:22	65.37,-96.76	Moving	0:14	8
Fall	C-FLYG	29898168	2020-09-28 10:23	65.37,-96.74	2020-09-28 10:27	65.41,-96.68	Moving	0:04	4
Fall	C-FLYG	29898188	2020-09-28 10:31	65.41,-96.67	2020-09-28 10:40	65.41,-96.68	Moving	0:09	6
Fall	C-FLYG	29898240	2020-09-28 10:54	65.41,-96.68	2020-09-28 11:02	65.25,-96.41	Moving	0:08	11
Fall	C-FLYG	29898276	2020-09-28 11:04	65.25,-96.42	2020-09-28 11:11	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29898309	2020-09-28 11:12	65.41,-96.66	2020-09-28 11:16	65.37,-96.75	Moving	0:03	3
Fall	C-FLYG	29898330	2020-09-28 11:18	65.37,-96.76	2020-09-28 11:43	65.41,-96.68	Moving	0:24	10
Fall	C-FLYG	29898633	2020-09-28 12:41	65.41,-96.67	2020-09-28 12:50	65.37,-96.75	Moving	0:09	5
Fall	C-FLYG	29898694	2020-09-28 12:52	65.37,-96.76	2020-09-28 13:01	65.41,-96.68	Moving	0:08	5
Fall	C-FLYG	29898869	2020-09-28 13:38	65.4,-96.68	2020-09-28 13:49	65.25,-96.41	Moving	0:11	11
Fall	C-FLYG	29899015	2020-09-28 14:19	65.25,-96.41	2020-09-28 15:56	65.41,-96.68	Moving	1:37	28
Fall	C-FLYG	29899316	2020-09-28 16:01	65.41,-96.67	2020-09-28 16:56	65.25,-96.41	Moving	0:54	18
Fall	C-FLYG	29899509	2020-09-28 16:57	65.25,-96.42	2020-09-28 17:16	65.41,-96.68	Moving	0:18	12
Fall	C-FLYG	29899854	2020-09-28 18:35	65.41,-96.68	2020-09-28 18:45	65.26,-96.4	Moving	0:10	11
Fall	C-FLYG	29899896	2020-09-28 18:46	65.26,-96.41	2020-09-28 18:53	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29901496	2020-09-29 7:23	65.35,-96.58	2020-09-29 7:30	65.26,-96.4	Moving	0:06	7
Fall	C-FLYG	29901521	2020-09-29 7:32	65.27,-96.4	2020-09-29 7:44	65.41,-96.68	Moving	0:12	10
Fall	C-FLYG	29901563	2020-09-29 7:46	65.41,-96.67	2020-09-29 8:08	65.41,-96.68	Moving	0:22	23
Fall	C-FLYG	29901642	2020-09-29 8:12	65.41,-96.67	2020-09-29 8:16	65.37,-96.75	Moving	0:03	2
Fall	C-FLYG	29901670	2020-09-29 8:19	65.38,-96.76	2020-09-29 8:38	65.41,-96.68	Moving	0:18	8
Fall	C-FLYG	29901755	2020-09-29 8:42	65.41,-96.67	2020-09-29 8:52	65.26,-96.4	Moving	0:09	11
Fall	C-FLYG	29901781	2020-09-29 8:52	65.26,-96.41	2020-09-29 9:55	65.41,-96.68	Moving	1:02	19
Fall	C-FLYG	29902145	2020-09-29 10:41	65.41,-96.68	2020-09-29 11:02	65.02,-96.07	Moving	0:21	32
Fall	C-FLYG	29902306	2020-09-29 11:25	65.02,-96.07	2020-09-29 11:54	64.33,-96.0	Moving	0:29	43
Fall	C-FLYG	29902693	2020-09-29 13:02	64.33,-96.0	2020-09-29 13:26	65.02,-96.07	Moving	0:24	43
Fall	C-FLYG	29902788	2020-09-29 13:29	65.02,-96.06	2020-09-29 13:45	65.41,-96.68	Moving	0:16	29
Fall	C-FLYG	29903007	2020-09-29 14:35	65.41,-96.68	2020-09-29 15:34	65.38,-96.74	Moving	0:59	3
Fall	C-FLYG	29903194	2020-09-29 15:35	65.37,-96.75	2020-09-29 16:10	65.41,-96.68	Moving	0:34	8
Fall	C-FLYG	29903325	2020-09-29 16:14	65.4,-96.67	2020-09-29 16:36	65.41,-96.68	Moving	0:21	22
Fall	C-FLYG	29903602	2020-09-29 17:42	65.41,-96.68	2020-09-29 18:03	65.41,-96.68	Moving	0:21	23
Fall	C-FLYG	29903759	2020-09-29 18:27	65.41,-96.68	2020-09-29 18:37	65.26,-96.4	Moving	0:09	11
Fall	C-FLYG	29903824	2020-09-29 18:47	65.26,-96.4	2020-09-29 18:55	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29905390	2020-09-30 7:19	65.41,-96.68	2020-09-30 7:28	65.26,-96.4	Moving	0:08	11
Fall	C-FLYG	29905425	2020-09-30 7:32	65.27,-96.4	2020-09-30 7:41	65.41,-96.68	Moving	0:09	11
Fall	C-FLYG	29905460	2020-09-30 7:45	65.41,-96.68	2020-09-30 7:49	65.37,-96.76	Moving	0:04	3
Fall	C-FLYG	29905494	2020-09-30 7:54	65.37,-96.75	2020-09-30 8:07	65.41,-96.68	Moving	0:13	5
Fall	C-FLYG	29905542	2020-09-30 8:10	65.41,-96.67	2020-09-30 8:18	65.26,-96.4	Moving	0:07	11
Fall	C-FLYG	29905646	2020-09-30 8:43	65.26,-96.4	2020-09-30 9:40	65.26,-96.41	Moving	0:56	3
Fall	C-FLYG	29905823	2020-09-30 9:40	65.26,-96.41	2020-09-30 10:15	65.41,-96.68	Moving	0:35	14
Fall	C-FLYG	29905956	2020-09-30 10:20	65.41,-96.67	2020-09-30 11:06	65.26,-96.4	Moving	0:45	14
Fall	C-FLYG	29906136	2020-09-30 11:07	65.26,-96.4	2020-09-30 11:29	65.41,-96.68	Moving	0:22	12
Fall	C-FLYG	29906656	2020-09-30 13:18	65.41,-96.68	2020-09-30 13:45	65.26,-96.4	Moving	0:27	12
Fall	C-FLYG	29906778	2020-09-30 13:48	65.26,-96.41	2020-09-30 14:27	65.26,-96.4	Moving	0:39	24
Fall	C-FLYG	29906970	2020-09-30 14:41	65.26,-96.4	2020-09-30 14:48	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29907028	2020-09-30 15:00	65.41,-96.68	2020-09-30 15:52	65.26,-96.4	Moving	0:52	11
Fall	C-FLYG	29907211	2020-09-30 15:53	65.26,-96.41	2020-09-30 16:01	65.37,-96.76	Moving	0:07	10
Fall	C-FLYG	29907257	2020-09-30 16:04	65.38,-96.76	2020-09-30 16:18	65.41,-96.68	Moving	0:14	7
Fall	C-FLYG	29907318	2020-09-30 16:20	65.41,-96.67	2020-09-30 16:27	65.26,-96.4	Moving	0:07	11
Fall	C-FLYG	29907354	2020-09-30 16:29	65.26,-96.4	2020-09-30 16:37	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29907688	2020-09-30 18:09	65.41,-96.68	2020-09-30 18:22	65.26,-96.4	Moving	0:13	11
Fall	C-FLYG	29907744	2020-09-30 18:25	65.26,-96.4	2020-09-30 18:34	65.41,-96.68	Moving	0:09	11
Fall	C-FLYG	29909603	2020-10-01 7:32	65.41,-96.65	2020-10-01 7:50	65.26,-96.4	Moving	0:17	11
Fall	C-FLYG	29909650	2020-10-01 7:50	65.26,-96.4	2020-10-01 7:59	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29909685	2020-10-01 8:02	65.41,-96.68	2020-10-01 8:07	65.37,-96.75	Moving	0:04	4
Fall	C-FLYG	29909708	2020-10-01 8:08	65.37,-96.74	2020-10-01 8:13	65.41,-96.68	Moving	0:04	4
Fall	C-FLYG	29909728	2020-10-01 8:17	65.41,-96.67	2020-10-01 9:21	65.41,-96.68	Moving	1:04	68
Fall	C-FLYG	29910326	2020-10-01 11:23	65.41,-96.68	2020-10-01 11:51	65.41,-96.68	Moving	0:28	31
Fall	C-FLYG	29910443	2020-10-01 11:52						

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Fall	C-FLYG	29910926	2020-10-01 13:54	65.36,-96.73	2020-10-01 13:58	65.41,-96.68	Moving	0:04	4
Fall	C-FLYG	29911460	2020-10-01 16:13	65.41,-96.68	2020-10-01 16:58	65.41,-96.68	Moving	0:44	47
Fall	C-FLYG	29911879	2020-10-01 18:09	65.4,-96.68	2020-10-01 18:22	65.26,-96.4	Moving	0:12	11
Fall	C-FLYG	29911940	2020-10-01 18:25	65.26,-96.4	2020-10-01 18:35	65.41,-96.68	Moving	0:10	11
Fall	C-FLYG	29913709	2020-10-02 7:25	65.41,-96.68	2020-10-02 7:34	65.26,-96.4	Moving	0:08	11
Fall	C-FLYG	29913737	2020-10-02 7:37	65.26,-96.39	2020-10-02 7:45	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29913769	2020-10-02 7:48	65.41,-96.67	2020-10-02 7:56	65.26,-96.4	Moving	0:07	11
Fall	C-FLYG	29913865	2020-10-02 8:20	65.26,-96.4	2020-10-02 9:51	65.41,-96.68	Moving	1:31	16
Fall	C-FLYG	29914174	2020-10-02 9:56	65.41,-96.67	2020-10-02 10:39	65.26,-96.4	Moving	0:42	12
Fall	C-FLYG	29914311	2020-10-02 10:43	65.26,-96.4	2020-10-02 10:52	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29915938	2020-10-02 18:11	65.38,-96.63	2020-10-02 18:23	65.26,-96.39	Moving	0:11	9
Fall	C-FLYG	29915976	2020-10-02 18:25	65.26,-96.4	2020-10-02 18:34	65.41,-96.68	Moving	0:09	11
Fall	C-FLYG	29917743	2020-10-03 7:33	65.41,-96.68	2020-10-03 7:47	65.26,-96.39	Moving	0:13	11
Fall	C-FLYG	29917770	2020-10-03 7:48	65.26,-96.4	2020-10-03 7:56	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29917795	2020-10-03 7:58	65.41,-96.67	2020-10-03 8:19	65.41,-96.68	Moving	0:20	23
Fall	C-FLYG	29917856	2020-10-03 8:22	65.41,-96.67	2020-10-03 9:03	65.41,-96.68	Moving	0:41	46
Fall	C-FLYG	29917953	2020-10-03 9:06	65.41,-96.67	2020-10-03 9:23	65.26,-96.4	Moving	0:17	11
Fall	C-FLYG	29918013	2020-10-03 9:27	65.26,-96.4	2020-10-03 10:54	65.41,-96.68	Moving	1:27	12
Fall	C-FLYG	29918797	2020-10-03 13:46	65.41,-96.68	2020-10-03 14:10	65.41,-96.68	Moving	0:24	23
Fall	C-FLYG	29919290	2020-10-03 16:12	65.41,-96.68	2020-10-03 16:34	65.41,-96.68	Moving	0:22	23
Fall	C-FLYG	29919685	2020-10-03 18:09	65.41,-96.68	2020-10-03 18:23	65.26,-96.39	Moving	0:13	12
Fall	C-FLYG	29919745	2020-10-03 18:24	65.26,-96.4	2020-10-03 18:33	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29921437	2020-10-04 8:04	65.41,-96.68	2020-10-04 8:13	65.26,-96.39	Moving	0:09	11
Fall	C-FLYG	29921463	2020-10-04 8:17	65.27,-96.4	2020-10-04 8:25	65.41,-96.68	Moving	0:07	11
Fall	C-FLYG	29921715	2020-10-04 10:18	65.41,-96.68	2020-10-04 10:27	65.26,-96.39	Moving	0:08	12
Fall	C-FLYG	29921786	2020-10-04 10:53	65.26,-96.39	2020-10-04 11:43	65.41,-96.68	Moving	0:50	13
Fall	C-FLYG	29921913	2020-10-04 11:48	65.41,-96.67	2020-10-04 13:13	65.41,-96.68	Moving	1:25	25
Fall	C-FLYG	29922127	2020-10-04 13:14	65.41,-96.67	2020-10-04 13:26	65.26,-96.4	Moving	0:12	11
Fall	C-FLYG	29922258	2020-10-04 14:03	65.26,-96.4	2020-10-04 14:11	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29922292	2020-10-04 14:14	65.41,-96.67	2020-10-04 14:34	65.41,-96.68	Moving	0:20	23
Fall	C-FLYG	29922683	2020-10-04 16:25	65.41,-96.68	2020-10-04 18:12	65.26,-96.4	Moving	1:46	15
Fall	C-FLYG	29923028	2020-10-04 18:17	65.26,-96.4	2020-10-04 18:24	65.41,-96.68	Moving	0:07	10
Fall	C-FLYG	29924853	2020-10-05 7:39	65.41,-96.68	2020-10-05 7:53	65.26,-96.4	Moving	0:13	12
Fall	C-FLYG	29924892	2020-10-05 7:54	65.26,-96.4	2020-10-05 8:02	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29924935	2020-10-05 8:06	65.41,-96.67	2020-10-05 8:55	65.35,-96.6	Moving	0:48	50
Fall	C-FLYG	29925060	2020-10-05 8:55	65.41,-96.67	2020-10-05 8:59	65.27,-96.44	Moving	0:03	10
Fall	C-FLYG	29925085	2020-10-05 9:01	65.26,-96.4	2020-10-05 9:03	65.27,-96.42	Moving	0:02	0
Fall	C-FLYG	29925097	2020-10-05 9:06	65.3,-96.49	2020-10-05 9:32	65.41,-96.68	Parked	0:26	0
Fall	C-FLYG	29925651	2020-10-05 11:31	65.41,-96.68	2020-10-05 18:09	65.36,-96.58	Moving	6:38	5
Fall	C-FLYG	29927450	2020-10-05 18:13	65.28,-96.45	2020-10-05 18:23	65.26,-96.4	Parked	0:10	0
Fall	C-FLYG	29927505	2020-10-05 18:25	65.31,-96.46	2020-10-05 18:25	65.31,-96.46	Parked	0:00	0
Fall	C-FLYG	29927520	2020-10-05 18:28	65.36,-96.56	2020-10-05 18:32	65.41,-96.68	Parked	0:04	0
Fall	C-FLYG	29929467	2020-10-06 7:38	65.41,-96.68	2020-10-06 8:02	65.26,-96.4	Moving	0:23	11
Fall	C-FLYG	29929555	2020-10-06 8:03	65.26,-96.4	2020-10-06 8:10	65.4,-96.65	Moving	0:06	10
Fall	C-FLYG	29929591	2020-10-06 8:14	65.41,-96.68	2020-10-06 8:44	65.39,-96.63	Moving	0:29	24
Fall	C-FLYG	29929705	2020-10-06 8:46	65.34,-96.55	2020-10-06 8:46	65.34,-96.55	Moving	0:00	0
Fall	C-FLYG	29929721	2020-10-06 8:48	65.3,-96.48	2020-10-06 9:05	65.41,-96.68	Parked	0:17	0
Fall	C-FLYG	29930497	2020-10-06 12:03	65.41,-96.68	2020-10-06 12:06	65.41,-96.67	Parked	0:02	0
Fall	C-FLYG	29930518	2020-10-06 12:08	65.36,-96.59	2020-10-06 12:12	65.26,-96.4	Parked	0:04	0
Fall	C-FLYG	29930546	2020-10-06 12:13	65.26,-96.4	2020-10-06 13:16	65.26,-96.41	Parked	1:02	0
Fall	C-FLYG	29930821	2020-10-06 13:18	65.26,-96.4	2020-10-06 14:12	65.4,-96.68	Parked	0:53	0
Fall	C-FLYG	29931059	2020-10-06 14:13	65.41,-96.68	2020-10-06 14:26	65.41,-96.67	Parked	0:12	0
Fall	C-FLYG	29931120	2020-10-06 14:28	65.36,-96.56	2020-10-06 14:34	65.26,-96.4	Parked	0:06	0
Fall	C-FLYG	29931162	2020-10-06 14:37	65.26,-96.4	2020-10-06 15:06	65.26,-96.41	Parked	0:29	0
Fall	C-FLYG	29931294	2020-10-06 15:08	65.34,-96.54	2020-10-06 15:08	65.34,-96.54	Parked	0:00	0
Fall	C-FLYG	29931314	2020-10-06 15:10	65.39,-96.63	2020-10-06 18:01	65.41,-96.66	Parked	2:50	0
Fall	C-FLYG	29932061	2020-10-06 18:03	65.34,-96.55	2020-10-06 18:08	65.26,-96.4	Parked	0:04	0
Fall	C-FLYG	29932087	2020-10-06 18:08	65.26,-96.4	2020-10-06 18:20	65.26,-96.4	Parked	0:11	0
Fall	C-FLYG	29932154	2020-10-06 18:22	65.31,-96.48	2020-10-06 18:28	65.41,-96.68	Parked	0:06	0
Fall	C-FLYG	29934125	2020-10-07 7:36	65.41,-96.68	2020-10-07 7:37	65.41,-96.67	Moving	0:01	0
Fall	C-FLYG	29934139	2020-10-07 7:39	65.36,-96.59	2020-10-07 7:39	65.36,-96.59	Moving	0:00	0
Fall	C-FLYG	29934155	2020-10-07 7:43	65.27,-96.42	2020-10-07 7:57	65.26,-96.4	Parked	0:14	0
Fall	C-FLYG	29934200	2020-10-07 7:59	65.29,-96.47	2020-10-07 8:08	65.41,-96.68	Parked	0:08	0
Fall	C-FLYG	29934241	2020-10-07 8:08	65.41,-96.68	2020-10-07 8:10	65.41,-96.67	Parked	0:01	0
Fall	C-FLYG	29934252	2020-10-07 8:12	65.36,-96.56	2020-10-07 8:14	65.29,-96.45	Parked	0:02	0
Fall	C-FLYG	29934270	2020-10-07 8:17	65.26,-96.4	2020-10-07 8:28	65.39,-96.64	Parked	0:10	0
Fall	C-FLYG	29934309	2020-10-07 8:30	65.4,-96.68	2020-10-07 17:00	65.41,-96.67	Parked	8:30	0
Fall	C-FLYG	29936107	2020-10-07 17:02	65.36,-96.54	2020-10-07 17:07	65.26,-96.4	Parked	0:04	0
Fall	C-FLYG	29936139	2020-10-07 17:08	65.26,-96.4	2020-10-07 17:14	65.38,-96.62	Moving	0:06	8
Fall	C-FLYG	29936164	2020-10-07 17:16	65.41,-96.68	2020-10-08 7:47	65.39,-96.6	Moving	14:30	2
Fall	C-FLYG	29938217	2020-10-08 7:50	65.32,-96.51	2020-10-08 7:56	65.26,-96.4	Moving	0:06	4
Fall	C-FLYG	29938242	2020-10-08 8:03	65.26,-96.4	2020-10-08 9:18	65.26,-96.39	Moving	1:15	3
Fall	C-FLYG	29938452	2020-10-08 9:19	65.26,-96.4	2020-10-08 9:48	65.41,-96.68	Moving	0:29	11
Fall	C-FLYG	29938584	2020-10-08 9:59	65.41,-96.67	2020-10-08 11:05	65.26,-96.4	Moving	1:05	13
Fall	C-FLYG	29938923	2020-10-08 11:38	65.26,-96.4	2020-10-08 11:49	65.41,-96.68	Moving	0:10	11
Fall	C-FLYG	29939382	2020-10-08 13:40	65.41,-96.68	2020-10-08 14:51	65.41,-96.68	Moving	1:10	67
Fall	C-FLYG	29939636	2020-10-08 14:55	65.41,-96.67	2020-10-08 15:22	65.41,-96.68	Moving	0:26	22
Fall	C-FLYG	29940254	2020-10-08 17:54	65.41,-96.68	2020-10-08 18:08	65.26,-96.4	Moving	0:14	11
Fall	C-FLYG	29940315	2020-10-08 18:11	65.27,-96.39	2020-10-08 18:19	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29942284	2020-10-09 7:48	65.41,-96.67	2020-10-09 7:56	65.26,-96.4	Moving	0:07	11
Fall	C-FLYG	29942318	2020-10-09 8:00	65.26,-96.41	2020-10-09 8:08	65.41,-96.68	Moving	0:07	10
Fall	C-FLYG	29942345	2020-10-09 8:12	65.41,-96.67	2020-10-09 8:38	65.41,-96.68	Moving	0:26	22
Fall	C-FLYG	29942897	2020-10-09 11:33	65.41,-96.68	2020-10-09 11:42	65.26,-96.4	Moving	0:08	11
Fall	C-FLYG	29943105	2020-10-09 12:31	65.26,-96.4	2020-10-09 12:39	65.41,-96.68	Moving	0:08	11
Fall	C-FLYG	29943431	2020-10-09 14:06	65.41,-96.68	2020-10-09 14:19	65.26,-96.4	Moving	0:13	11
Fall	C-FLYG	29943579	2020-10-09 14:49	65.26,-96.4	2020-10-09 15:40	65.26,-96.4	Moving	0:51	21
Fall	C-FLYG	29943758	2020-10-09 15:45	65.26,-96.4	2020-10-09 16:36	65.41,-96.68	Moving	0:51	16
Fall	C-FLYG	29943925	2020-10-09 16:40	65.41,-96.67	2020-10-09 16:59	65.26,-96.4	Moving	0:18	11
Fall	C-FLYG	29944005	2020-10-09 17:00	65.27,-96.4	2020-10-09 17:08	65.41,-96.68	Moving	0:07	10
Fall	C-FLYG	29944188	2020-10-09 17:57	65.41,-96.66	2020-10-09 18:09	65.26,-96.4	Moving	0:11	11
Fall	C-FLYG	29944249	2020-10-09 18:14	65.27,-96.4	2020-10-09 18:22	65.41,-96.68	Moving	0:07	10
Fall	C-FLYG	29946120	2020-10-10 7:51	65.41,-96.67	2020-10-10 7:59	65.26,-96.4	Moving	0:07	11
Fall	C-FLYG	29946148	2020-10-10 8:03	65.27,-96.4	2020-10-10 8:10	65.41,-96.68	Moving	0:07	10
Fall	C-FLYG	29946197	2020-10-10 8:25	65.36,-96.59	2020-10-10 8:30	65.26,-96.4	Moving	0:05	14
Fall	C-FLYG	29946282	2020-10-10 8:52	65.26,-96.4	2020-10-10 9:53	65.26,-96.4	Moving	1:01	28
Fall	C-FLYG	29946445	2020-10-10 9:56	65.26,-96.39	2020-10-10 10:38	65.41,-96.68	Moving	0:42	19
Fall	C-FLYG	29946596	2020-10-10 10:48	65.41,-96.68	2020-10-10 12:17	65.41,-96.68	Moving	1:29	47
Fall	C-FLYG	29946886	2020-10-10 12:17	65.41,-96.66	2020-10-10 12:56	65.41,-96.68	Moving	0:3	

Table 2
2020

Season	Asset	Trip	Start Date	Start Location	End Date	End Location	Activity	Duration	Distance
Fall	C-FLYG	29950332	2020-10-11 14:24	65.41,-96.68	2020-10-11 16:19	65.41,-96.68	Moving	1:54	83
Fall	C-FLYG	29950651	2020-10-11 16:19	65.4,-96.67	2020-10-11 16:56	65.41,-96.68	Moving	0:36	33
Fall	C-FLYG	29965109	2020-10-15 10:38	65.41,-96.67	2020-10-15 10:56	65.02,-96.07	Moving	0:17	27
Fall	C-FLYG	29965268	2020-10-15 11:17	65.02,-96.07	2020-10-19 9:26	65.41,-96.68	Moving	3 days 22:08	27
Fall	C-FLYG	29979401	2020-10-19 9:30	65.4,-96.66	2020-10-19 9:43	65.02,-96.07	Moving	0:13	27
Fall	C-FLYG	29980037	2020-10-19 12:51	61.26,-101.16	2020-10-19 13:13	60.77,-101.69	Moving	0:22	33
Fall	C-FLYG	29980262	2020-10-19 13:51	60.77,-101.69	2020-10-19 15:32	58.27,-104.08	Moving	1:41	169
Fall	C-FLYG	29980669	2020-10-19 15:53	58.27,-104.08	2020-10-19 15:55	58.26,-104.09	Moving	0:01	0

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5577	POWER_ON	08/01/2020 11:09:31	NA	NA	NA	NA		
Summer	LYG	5577	SCHED	08/01/2020 11:12:54	1	0	0	0	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5577	DEPARTURE	08/01/2020 11:13:05	1	127	161	146	065:22:10.20 N	096:36:04.20 W
Summer	LYG	5577	SCHED	08/01/2020 11:15:14	2	142	539	130	065:18:05.99 N	096:27:01.20 W
Summer	LYG	5577	SCHED	08/01/2020 11:17:21	3	8	132	307	065:15:30.59 N	096:23:46.20 W
Summer	LYG	5577	ARRIVAL	08/01/2020 11:18:17	1	0	133	48	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5577	XML_FLIGHT_SUMMARY	08/01/2020 11:18:18	0	0	0	0		
Summer	LYG	5577	SCHED	08/01/2020 11:23:30	4	0	133	48	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5578	DEPARTURE	08/01/2020 11:26:14	2	62	250	327	065:15:47.39 N	096:24:10.20 W
Summer	LYG	5578	SCHED	08/01/2020 11:28:22	5	109	440	324	065:18:28.20 N	096:29:10.80 W
Summer	LYG	5578	SCHED	08/01/2020 11:30:32	6	111	430	324	065:21:35.99 N	096:34:38.39 W
Summer	LYG	5578	SCHED	08/01/2020 11:32:39	7	43	198	282	065:24:14.39 N	096:40:25.80 W
Summer	LYG	5578	ARRIVAL	08/01/2020 11:33:55	2	0	161	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5578	XML_FLIGHT_SUMMARY	08/01/2020 11:33:56	0	0	0	0		
Summer	LYG	5579	POWER_ON	08/01/2020 11:45:11	NA	NA	NA	NA		
Summer	LYG	5579	SCHED	08/01/2020 11:46:05	1	2	174	166	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5579	DEPARTURE	08/01/2020 11:46:57	1	67	301	59	065:24:35.40 N	096:40:18.60 W
Summer	LYG	5579	SCHED	08/01/2020 11:49:06	2	135	589	146	065:21:18.00 N	096:34:55.20 W
Summer	LYG	5579	SCHED	08/01/2020 11:51:17	3	121	626	143	065:17:31.79 N	096:27:37.19 W
Summer	LYG	5579	SCHED	08/01/2020 11:53:24	4	3	171	318	065:15:31.79 N	096:23:44.39 W
Summer	LYG	5579	SCHED	08/01/2020 11:55:30	5	69	377	316	065:16:01.19 N	096:24:43.20 W
Summer	LYG	5579	SCHED	08/01/2020 11:57:36	6	88	531	320	065:18:16.79 N	096:29:10.80 W
Summer	LYG	5579	SCHED	08/01/2020 11:59:42	7	91	561	309	065:20:33.60 N	096:34:06.59 W
Summer	LYG	5579	SCHED	08/01/2020 12:01:47	8	92	526	336	065:23:07.19 N	096:38:01.20 W
Summer	LYG	5579	SCHED	08/01/2020 12:03:52	9	2	204	315	065:24:34.19 N	096:41:01.80 W
Summer	LYG	5579	SCHED	08/01/2020 12:06:06	10	75	395	131	065:24:55.20 N	096:39:58.79 W
Summer	LYG	5579	SCHED	08/01/2020 12:08:13	11	104	562	147	065:21:48.59 N	096:36:12.60 W
Summer	LYG	5579	SCHED	08/01/2020 12:10:24	12	108	615	141	065:18:50.39 N	096:30:54.60 W
Summer	LYG	5579	SCHED	08/01/2020 12:12:34	13	93	439	149	065:15:45.59 N	096:25:48.00 W
Summer	LYG	5579	SCHED	08/01/2020 12:14:48	14	1	167	301	065:15:31.20 N	096:23:45.60 W
Summer	LYG	5579	SCHED	08/01/2020 12:16:55	15	48	260	316	065:15:40.20 N	096:24:04.19 W
Summer	LYG	5579	SCHED	08/01/2020 12:19:03	16	84	545	320	065:17:39.00 N	096:28:10.20 W
Summer	LYG	5579	SCHED	08/01/2020 12:21:11	17	88	520	322	065:20:01.79 N	096:32:47.39 W
Summer	LYG	5579	SCHED	08/01/2020 12:23:20	18	89	476	334	065:22:34.79 N	096:36:56.40 W
Summer	LYG	5579	SCHED	08/01/2020 12:26:08	19	2	206	335	065:24:34.79 N	096:41:00.59 W
Summer	LYG	5579	SCHED	08/01/2020 12:28:16	20	3	196	322	065:24:18.00 N	096:40:41.40 W
Summer	LYG	5579	XML_FLIGHT_SUMMARY	08/01/2020 12:29:55	0	0	0	0		
Summer	LYG	5580	POWER_ON	08/01/2020 12:29:54	NA	NA	NA	NA		
Summer	LYG	5580	SCHED	08/01/2020 12:30:52	1	0	164	108	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5580	POWER_ON	08/01/2020 12:54:43	NA	NA	NA	NA		
Summer	LYG	5580	SCHED	08/01/2020 12:55:29	1	35	189	3	065:24:22.80 N	096:40:37.80 W
Summer	LYG	5580	DEPARTURE	08/01/2020 12:55:46	1	65	219	62	065:24:34.19 N	096:40:22.80 W
Summer	LYG	5580	SCHED	08/01/2020 12:57:51	2	133	509	151	065:21:05.40 N	096:35:44.40 W
Summer	LYG	5580	SCHED	08/01/2020 12:59:56	3	135	525	144	065:17:13.20 N	096:29:33.00 W
Summer	LYG	5580	SCHED	08/01/2020 13:02:03	4	1	136	32	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5580	XML_FLIGHT_SUMMARY	08/01/2020 13:03:22	0	0	0	0		
Summer	LYG	5581	POWER_ON	08/01/2020 13:03:21	NA	NA	NA	NA		
Summer	LYG	5581	SCHED	08/01/2020 13:04:17	1	0	134	5	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5581	POWER_ON	08/01/2020 13:45:40	NA	NA	NA	NA		
Summer	LYG	5581	DEPARTURE	08/01/2020 13:46:38	1	65	218	228	065:15:25.20 N	096:24:24.59 W
Summer	LYG	5581	SCHED	08/01/2020 13:46:44	1	70	231	222	065:15:21.60 N	096:24:31.79 W
Summer	LYG	5581	SCHED	08/01/2020 13:48:56	2	0	127	240	065:13:51.00 N	096:23:30.60 W
Summer	LYG	5581	ARRIVAL	08/01/2020 13:49:05	1	0	127	240	065:13:51.00 N	096:23:30.60 W
Summer	LYG	5581	SCHED	08/01/2020 13:54:14	3	17	192	324	065:13:51.59 N	096:23:35.40 W
Summer	LYG	5581	DEPARTURE	08/01/2020 13:56:15	2	36	241	335	065:14:05.39 N	096:23:53.99 W
Summer	LYG	5581	SCHED	08/01/2020 13:58:21	4	60	217	235	065:15:31.79 N	096:24:03.00 W
Summer	LYG	5581	SCHED	08/01/2020 14:00:27	5	1	168	86	065:13:49.80 N	096:23:31.79 W
Summer	LYG	5581	SCHED	08/01/2020 14:02:35	6	65	311	353	065:14:45.59 N	096:24:22.80 W
Summer	LYG	5581	SCHED	08/01/2020 14:04:45	7	82	243	214	065:15:22.79 N	096:24:22.19 W
Summer	LYG	5581	SCHED	08/01/2020 14:06:56	8	1	167	160	065:13:49.80 N	096:23:31.79 W
Summer	LYG	5581	SCHED	08/01/2020 14:09:05	9	33	227	26	065:15:30.00 N	096:23:39.59 W
Summer	LYG	5581	SCHED	08/01/2020 14:11:15	10	91	308	166	065:14:23.99 N	096:24:47.39 W
Summer	LYG	5581	SCHED	08/01/2020 14:13:24	11	1	174	34	065:13:49.80 N	096:23:31.19 W
Summer	LYG	5581	SCHED	08/01/2020 14:15:33	12	49	275	44	065:15:15.60 N	096:24:03.00 W
Summer	LYG	5581	SCHED	08/01/2020 14:17:38	13	17	166	301	065:15:36.00 N	096:23:37.80 W
Summer	LYG	5581	SCHED	08/01/2020 14:19:43	14	17	200	70	065:13:49.80 N	096:23:33.60 W
Summer	LYG	5581	SCHED	08/01/2020 14:21:54	15	37	236	334	065:14:01.19 N	096:23:42.60 W
Summer	LYG	5581	SCHED	08/01/2020 14:24:18	16	11	176	14	065:15:33.00 N	096:23:36.60 W
Summer	LYG	5581	SCHED	08/01/2020 14:26:31	17	84	233	218	065:15:16.19 N	096:24:25.80 W
Summer	LYG	5581	SCHED	08/01/2020 14:28:38	18	0	132	287	065:13:51.00 N	096:23:30.60 W
Summer	LYG	5581	ARRIVAL	08/01/2020 14:28:52	2	0	131	287	065:13:51.00 N	096:23:30.60 W
Summer	LYG	5581	XML_FLIGHT_SUMMARY	08/01/2020 14:28:53	0	0	0	0		
Summer	LYG	5582	DEPARTURE	08/01/2020 14:29:55	3	62	204	334	065:14:08.39 N	096:23:46.20 W
Summer	LYG	5582	SCHED	08/01/2020 14:32:09	19	0	119	90	065:15:34.20 N	096:23:33.60 W
Summer	LYG	5582	ARRIVAL	08/01/2020 14:32:18	3	0	118	90	065:15:34.20 N	096:23:33.60 W
Summer	LYG	5582	POWER_ON	08/01/2020 15:04:09	NA	NA	NA	NA		
Summer	LYG	5582	SCHED	08/01/2020 15:05:04	1	46	167	299	065:15:38.39 N	096:23:47.99 W
Summer	LYG	5582	DEPARTURE	08/01/2020 15:05:08	1	66	219	285	065:15:42.00 N	096:24:14.39 W
Summer	LYG	5582	SCHED	08/01/2020 15:07:15	2	114	418	323	065:18:33.59 N	096:29:53.39 W
Summer	LYG	5582	SCHED	08/01/2020 15:09:23	3	120	448	325	065:22:04.20 N	096:35:34.19 W
Summer	LYG	5582	SCHED	08/01/2020 15:11:30	4	8	166	307	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5582	ARRIVAL	08/01/2020 15:12:26	1	0	162	279	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5582	XML_FLIGHT_SUMMARY	08/01/2020 15:12:27	0	0	0	0		
Summer	LYG	5583	POWER_ON	08/01/2020 18:01:29	NA	NA	NA	NA		
Summer	LYG	5583	DEPARTURE	08/01/2020 18:03:30	1	92	212	278	065:24:54.00 N	096:42:20.99 W
Summer	LYG	5583	SCHED	08/01/2020 18:03:38	1	14	159	186	065:24:38.40 N	096:47:36.59 W
Summer	LYG	5583	ARRIVAL	08/01/2020 18:05:33	1	0	159	314	065:24:37.19 N	096:47:33.59 W
Summer	LYG	5583	POWER_ON	08/01/2020 18:08:20	NA	NA	NA	NA		
Summer	LYG	5583	SCHED	08/01/2020 18:09:08	1	0	156	0	065:24:37.19 N	096:47:33.59 W
Summer	LYG	5583	POWER_ON	08/01/2020 18:24:22	NA	NA	NA	NA		
Summer	LYG	5583	SCHED	08/01/2020 18:25:09	1	0	158	0	065:24:37.19 N	096:47:33.59 W
Summer	LYG	5583	DEPARTURE	08/01/2020 18:26:26	1	67	231	142	065:24:27.60 N	096:47:47.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5583	SCHED	08/01/2020 18:28:34	2	77	228	204	065:24:21.60 N	096:39:45.00 W
Summer	LYG	5583	XML_FLIGHT_SUMMARY	08/01/2020 21:23:39	0	0	0	0		
Summer	LYG	5584	POWER_ON	08/01/2020 21:22:50	NA	NA	NA	NA		
Summer	LYG	5584	POWER_ON	08/01/2020 21:23:38	NA	NA	NA	NA		
Summer	LYG	5584	DEPARTURE	08/01/2020 21:25:14	1	71	272	97	065:24:15.59 N	096:39:54.59 W
Summer	LYG	5584	SCHED	08/01/2020 21:25:29	1	76	309	137	065:24:09.00 N	096:39:26.99 W
Summer	LYG	5584	SCHED	08/01/2020 21:27:37	2	107	432	147	065:20:25.80 N	096:34:36.60 W
Summer	LYG	5584	SCHED	08/01/2020 21:31:14	3	112	402	117	065:16:16.20 N	096:25:01.20 W
Summer	LYG	5584	SCHED	08/01/2020 21:33:31	4	0	168	130	065:15:31.79 N	096:23:45.00 W
Summer	LYG	5584	SCHED	08/01/2020 21:35:39	5	84	430	323	065:16:45.59 N	096:26:45.60 W
Summer	LYG	5584	SCHED	08/01/2020 21:37:48	6	94	483	324	065:19:13.20 N	096:30:59.39 W
Summer	LYG	5584	SCHED	08/01/2020 21:39:55	7	97	464	329	065:22:01.20 N	096:35:44.40 W
Summer	LYG	5584	SCHED	08/01/2020 21:42:06	8	45	308	282	065:24:15.00 N	096:40:07.19 W
Summer	LYG	5584	SCHED	08/01/2020 21:44:16	9	0	164	172	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5584	XML_FLIGHT_SUMMARY	08/01/2020 22:26:18	0	0	0	0		
Summer	LYG	5585	POWER_ON	08/01/2020 22:26:17	NA	NA	NA	NA		
Summer	LYG	5585	SCHED	08/01/2020 22:28:48	1	5	223	12	065:24:19.19 N	096:40:40.20 W
Summer	LYG	5585	DEPARTURE	08/01/2020 22:29:03	1	46	320	44	065:24:37.80 N	096:40:38.99 W
Summer	LYG	5585	SCHED	08/01/2020 22:31:08	2	88	404	151	065:22:33.00 N	096:37:15.00 W
Summer	LYG	5585	SCHED	08/01/2020 22:34:15	3	91	455	142	065:19:18.00 N	096:31:47.39 W
Summer	LYG	5585	SCHED	08/01/2020 22:36:25	4	95	404	126	065:16:28.79 N	096:24:51.00 W
Summer	LYG	5585	SCHED	08/01/2020 22:38:33	5	1	166	141	065:15:31.79 N	096:23:45.00 W
Summer	LYG	5585	SCHED	08/01/2020 22:40:43	6	79	382	326	065:16:34.79 N	096:27:00.00 W
Summer	LYG	5585	SCHED	08/01/2020 22:42:52	7	89	498	318	065:19:04.20 N	096:31:17.99 W
Summer	LYG	5585	SCHED	08/01/2020 22:44:58	8	87	468	327	065:21:24.00 N	096:36:09.00 W
Summer	LYG	5585	SCHED	08/01/2020 22:47:05	9	75	376	325	065:23:56.40 N	096:39:06.00 W
Summer	LYG	5585	SCHED	08/01/2020 22:49:14	10	42	247	42	065:24:40.79 N	096:40:55.20 W
Summer	LYG	5585	SCHED	08/01/2020 22:51:21	11	1	161	114	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5585	ARRIVAL	08/01/2020 22:52:15	1	0	158	118	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5585	XML_FLIGHT_SUMMARY	08/01/2020 22:52:16	0	0	0	0		
Summer	LYG	5586	POWER_ON	08/01/2020 23:01:50	NA	NA	NA	NA		
Summer	LYG	5586	SCHED	08/01/2020 23:05:29	1	120	399	145	065:20:47.40 N	096:34:15.00 W
Summer	LYG	5586	DEPARTURE	08/01/2020 23:05:37	1	73	229	67	065:24:34.79 N	096:40:15.60 W
Summer	LYG	5586	SCHED	08/01/2020 23:07:54	2	127	454	134	065:17:18.59 N	096:27:19.79 W
Summer	LYG	5586	SCHED	08/01/2020 23:10:04	3	4	130	125	065:15:30.59 N	096:23:46.20 W
Summer	LYG	5586	ARRIVAL	08/01/2020 23:10:55	1	0	124	71	065:15:30.59 N	096:23:46.20 W
Summer	LYG	5586	XML_FLIGHT_SUMMARY	08/01/2020 23:10:56	0	0	0	0		
Summer	LYG	5586	SCHED	08/01/2020 23:16:10	4	0	125	71	065:15:30.59 N	096:23:46.20 W
Summer	LYG	5587	DEPARTURE	08/01/2020 23:16:50	2	69	226	300	065:15:40.20 N	096:24:28.80 W
Summer	LYG	5587	SCHED	08/01/2020 23:18:56	5	111	401	324	065:18:42.60 N	096:29:45.00 W
Summer	LYG	5587	SCHED	08/01/2020 23:22:32	6	117	336	327	065:23:41.40 N	096:37:40.20 W
Summer	LYG	5587	ARRIVAL	08/01/2020 23:24:19	2	0	162	296	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5587	XML_FLIGHT_SUMMARY	08/01/2020 23:24:20	0	0	0	0		
Summer	LYG	5588	POWER_ON	08/02/2020 11:10:25	NA	NA	NA	NA		
Summer	LYG	5588	SCHED	08/02/2020 11:12:38	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5588	DEPARTURE	08/02/2020 11:14:25	1	120	251	144	065:21:20.39 N	096:35:22.80 W
Summer	LYG	5588	SCHED	08/02/2020 11:16:35	2	129	393	138	065:17:49.19 N	096:28:15.60 W
Summer	LYG	5588	SCHED	08/02/2020 11:18:45	3	1	128	25	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5588	ARRIVAL	08/02/2020 11:19:44	1	0	132	184	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5588	XML_FLIGHT_SUMMARY	08/02/2020 11:19:45	0	0	0	0		
Summer	LYG	5588	SCHED	08/02/2020 11:24:50	4	0	129	184	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5589	DEPARTURE	08/02/2020 11:27:16	2	66	234	286	065:15:30.59 N	096:24:33.00 W
Summer	LYG	5589	SCHED	08/02/2020 11:29:23	5	105	388	327	065:18:21.00 N	096:28:54.59 W
Summer	LYG	5589	SCHED	08/02/2020 11:31:32	6	106	388	324	065:21:17.39 N	096:34:18.00 W
Summer	LYG	5589	SCHED	08/02/2020 11:34:16	7	23	171	270	065:24:18.00 N	096:40:35.99 W
Summer	LYG	5589	ARRIVAL	08/02/2020 11:35:18	2	0	163	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5589	XML_FLIGHT_SUMMARY	08/02/2020 11:35:19	0	0	0	0		
Summer	LYG	5590	POWER_ON	08/02/2020 11:36:22	NA	NA	NA	NA		
Summer	LYG	5590	SCHED	08/02/2020 11:37:19	1	0	164	179	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5590	POWER_ON	08/02/2020 12:03:26	NA	NA	NA	NA		
Summer	LYG	5590	SCHED	08/02/2020 12:04:22	1	0	162	239	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5590	DEPARTURE	08/02/2020 12:05:55	1	61	303	94	065:24:15.00 N	096:39:56.39 W
Summer	LYG	5590	SCHED	08/02/2020 12:08:04	2	87	459	155	065:21:52.20 N	096:36:45.60 W
Summer	LYG	5590	SCHED	08/02/2020 12:10:13	3	94	532	146	065:19:06.60 N	096:32:39.00 W
Summer	LYG	5590	SCHED	08/02/2020 12:12:21	4	103	437	124	065:16:48.00 N	096:25:51.59 W
Summer	LYG	5590	SCHED	08/02/2020 12:15:31	5	1	173	313	065:15:31.79 N	096:23:44.39 W
Summer	LYG	5590	SCHED	08/02/2020 12:17:44	6	3	148	214	065:15:31.79 N	096:23:46.79 W
Summer	LYG	5590	ARRIVAL	08/02/2020 12:18:51	1	0	138	133	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5590	XML_FLIGHT_SUMMARY	08/02/2020 12:18:52	0	0	0	0		
Summer	LYG	5591	POWER_ON	08/02/2020 13:06:31	NA	NA	NA	NA		
Summer	LYG	5591	SCHED	08/02/2020 13:07:27	1	32	160	236	065:15:28.79 N	096:23:54.59 W
Summer	LYG	5591	DEPARTURE	08/02/2020 13:07:38	1	60	233	245	065:15:20.99 N	096:24:24.59 W
Summer	LYG	5591	ARRIVAL	08/02/2020 13:09:19	1	0	121	290	065:14:56.39 N	096:25:26.40 W
Summer	LYG	5591	DEPARTURE	08/02/2020 13:09:57	2	70	203	335	065:15:02.39 N	096:26:00.00 W
Summer	LYG	5591	SCHED	08/02/2020 13:12:04	2	115	493	333	065:18:02.40 N	096:30:11.40 W
Summer	LYG	5591	SCHED	08/02/2020 13:14:13	3	120	461	329	065:21:35.99 N	096:35:13.79 W
Summer	LYG	5591	SCHED	08/02/2020 13:16:21	4	49	209	208	065:24:27.60 N	096:40:28.19 W
Summer	LYG	5591	ARRIVAL	08/02/2020 13:17:46	2	0	159	291	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5591	XML_FLIGHT_SUMMARY	08/02/2020 13:17:47	0	0	0	0		
Summer	LYG	5592	POWER_ON	08/02/2020 14:03:25	NA	NA	NA	NA		
Summer	LYG	5592	SCHED	08/02/2020 14:04:20	1	3	160	102	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5592	DEPARTURE	08/02/2020 14:04:46	1	72	235	49	065:24:19.80 N	096:39:53.40 W
Summer	LYG	5592	SCHED	08/02/2020 14:06:55	2	99	424	302	065:26:01.80 N	096:45:59.39 W
Summer	LYG	5592	SCHED	08/02/2020 14:09:07	3	104	479	299	065:27:51.00 N	096:53:20.40 W
Summer	LYG	5592	SCHED	08/02/2020 14:11:14	4	1	104	61	065:28:52.19 N	096:57:53.39 W
Summer	LYG	5592	ARRIVAL	08/02/2020 14:12:05	1	0	102	62	065:28:52.19 N	096:57:53.39 W
Summer	LYG	5592	XML_FLIGHT_SUMMARY	08/02/2020 14:12:06	0	0	0	0		
Summer	LYG	5593	DEPARTURE	08/02/2020 14:13:24	2	60	160	103	065:28:43.20 N	096:57:30.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5593	SCHED	08/02/2020 14:15:34	5	123	400	113	065:27:09.00 N	096:49:10.79 W
Summer	LYG	5593	SCHED	08/02/2020 14:17:44	6	85	251	164	065:24:48.59 N	096:40:25.80 W
Summer	LYG	5593	ARRIVAL	08/02/2020 14:19:20	2	0	162	276	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5593	XML_FLIGHT_SUMMARY	08/02/2020 14:19:21	0	0	0	0		
Summer	LYG	5594	POWER_ON	08/02/2020 14:46:36	NA	NA	NA	NA		
Summer	LYG	5594	SCHED	08/02/2020 14:47:32	1	14	170	117	065:24:18.00 N	096:40:37.80 W
Summer	LYG	5594	DEPARTURE	08/02/2020 14:47:42	1	72	236	93	065:24:18.00 N	096:39:51.59 W
Summer	LYG	5594	SCHED	08/02/2020 14:49:47	2	130	365	145	065:21:10.20 N	096:34:48.60 W
Summer	LYG	5594	SCHED	08/02/2020 14:52:05	3	129	412	138	065:17:44.39 N	096:27:55.80 W
Summer	LYG	5594	SCHED	08/02/2020 14:54:17	4	0	133	32	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5594	ARRIVAL	08/02/2020 14:54:42	1	0	132	32	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5594	XML_FLIGHT_SUMMARY	08/02/2020 14:54:43	0	0	0	0		
Summer	LYG	5595	DEPARTURE	08/02/2020 14:55:30	2	56	186	229	065:15:19.20 N	096:24:15.59 W
Summer	LYG	5595	SCHED	08/02/2020 14:57:35	5	0	134	201	065:13:51.00 N	096:23:30.00 W
Summer	LYG	5595	ARRIVAL	08/02/2020 14:58:00	2	0	133	201	065:13:51.00 N	096:23:30.00 W
Summer	LYG	5595	DEPARTURE	08/02/2020 15:01:02	3	75	219	332	065:14:05.99 N	096:24:00.00 W
Summer	LYG	5595	SCHED	08/02/2020 15:03:11	6	0	135	58	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5595	POWER_ON	08/02/2020 15:48:59	NA	NA	NA	NA		
Summer	LYG	5595	SCHED	08/02/2020 15:49:54	1	0	129	24	065:15:31.20 N	096:23:46.79 W
Summer	LYG	5595	DEPARTURE	08/02/2020 15:54:54	1	39	251	334	065:15:31.79 N	096:24:25.80 W
Summer	LYG	5595	SCHED	08/02/2020 15:57:01	2	2	173	243	065:15:36.59 N	096:23:34.19 W
Summer	LYG	5595	SCHED	08/02/2020 15:59:15	3	17	186	32	065:15:32.39 N	096:23:32.40 W
Summer	LYG	5595	SCHED	08/02/2020 16:01:26	4	8	182	63	065:15:31.79 N	096:23:35.99 W
Summer	LYG	5595	SCHED	08/02/2020 16:03:33	5	1	177	263	065:15:31.20 N	096:23:45.60 W
Summer	LYG	5595	SCHED	08/02/2020 16:05:45	6	34	247	194	065:15:42.59 N	096:23:22.80 W
Summer	LYG	5595	SCHED	08/02/2020 16:07:52	7	7	176	231	065:15:31.79 N	096:23:43.79 W
Summer	LYG	5595	SCHED	08/02/2020 16:10:05	8	4	175	235	065:15:31.20 N	096:23:45.00 W
Summer	LYG	5595	SCHED	08/02/2020 16:12:12	9	0	163	92	065:15:34.79 N	096:23:34.79 W
Summer	LYG	5595	SCHED	08/02/2020 16:14:25	10	2	170	301	065:15:35.40 N	096:23:34.79 W
Summer	LYG	5595	SCHED	08/02/2020 16:16:31	11	7	180	229	065:15:31.79 N	096:23:44.39 W
Summer	LYG	5595	SCHED	08/02/2020 16:18:37	12	14	175	229	065:15:33.00 N	096:23:39.59 W
Summer	LYG	5595	SCHED	08/02/2020 16:20:45	13	1	158	38	065:15:34.79 N	096:23:35.40 W
Summer	LYG	5595	SCHED	08/02/2020 16:22:51	14	49	240	321	065:15:31.20 N	096:24:17.39 W
Summer	LYG	5595	SCHED	08/02/2020 16:24:57	15	1	163	290	065:15:34.79 N	096:23:34.79 W
Summer	LYG	5595	SCHED	08/02/2020 16:27:03	16	0	163	312	065:15:34.79 N	096:23:34.79 W
Summer	LYG	5595	SCHED	08/02/2020 16:29:10	17	1	172	238	065:15:31.20 N	096:23:45.00 W
Summer	LYG	5595	SCHED	08/02/2020 16:31:31	18	11	174	237	065:15:33.59 N	096:23:37.19 W
Summer	LYG	5595	SCHED	08/02/2020 16:33:39	19	8	176	228	065:15:32.39 N	096:23:42.60 W
Summer	LYG	5595	SCHED	08/02/2020 16:35:47	20	5	183	12	065:15:34.20 N	096:23:32.40 W
Summer	LYG	5595	SCHED	08/02/2020 16:37:58	21	9	184	76	065:15:32.39 N	096:23:43.20 W
Summer	LYG	5595	SCHED	08/02/2020 16:40:05	22	12	179	223	065:15:33.59 N	096:23:36.60 W
Summer	LYG	5595	SCHED	08/02/2020 16:42:18	23	9	173	336	065:15:34.20 N	096:23:32.40 W
Summer	LYG	5595	SCHED	08/02/2020 16:44:24	24	47	248	274	065:15:28.79 N	096:24:11.39 W
Summer	LYG	5595	SCHED	08/02/2020 16:46:36	25	102	446	327	065:17:52.80 N	096:28:36.40 W
Summer	LYG	5595	SCHED	08/02/2020 16:48:43	26	102	424	327	065:20:55.20 N	096:33:31.80 W
Summer	LYG	5595	SCHED	08/02/2020 16:50:57	27	93	377	318	065:23:53.40 N	096:38:06.59 W
Summer	LYG	5595	SCHED	08/02/2020 16:53:05	28	0	203	17	065:24:18.00 N	096:40:41.40 W
Summer	LYG	5595	XML_FLIGHT_SUMMARY	08/02/2020 16:55:04	0	0	0	0		
Summer	LYG	5596	POWER_ON	08/02/2020 16:55:03	NA	NA	NA	NA		
Summer	LYG	5596	SCHED	08/02/2020 16:55:49	1	0	165	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5596	POWER_ON	08/02/2020 17:12:29	NA	NA	NA	NA		
Summer	LYG	5596	SCHED	08/02/2020 17:13:23	1	1	179	140	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5596	DEPARTURE	08/02/2020 17:13:58	1	70	279	102	065:24:14.39 N	096:39:52.19 W
Summer	LYG	5596	SCHED	08/02/2020 17:16:04	2	96	368	150	065:21:33.00 N	096:35:29.39 W
Summer	LYG	5596	SCHED	08/02/2020 17:18:16	3	103	379	137	065:18:44.39 N	096:30:22.80 W
Summer	LYG	5596	SCHED	08/02/2020 17:20:25	4	91	341	143	065:16:10.19 N	096:24:25.80 W
Summer	LYG	5596	SCHED	08/02/2020 17:22:36	5	4	170	143	065:15:35.40 N	096:23:33.60 W
Summer	LYG	5596	SCHED	08/02/2020 17:24:45	6	5	169	28	065:15:34.20 N	096:23:34.19 W
Summer	LYG	5596	SCHED	08/02/2020 17:27:07	7	7	182	72	065:15:31.79 N	096:23:41.40 W
Summer	LYG	5596	SCHED	08/02/2020 17:29:13	8	5	173	91	065:15:31.20 N	096:23:41.99 W
Summer	LYG	5596	SCHED	08/02/2020 17:31:23	9	1	159	125	065:15:34.79 N	096:23:34.19 W
Summer	LYG	5596	SCHED	08/02/2020 17:33:34	10	6	174	10	065:15:34.20 N	096:23:32.40 W
Summer	LYG	5596	SCHED	08/02/2020 17:36:19	11	3	177	5	065:15:34.20 N	096:23:33.00 W
Summer	LYG	5596	SCHED	08/02/2020 17:38:25	12	7	178	72	065:15:32.39 N	096:23:39.59 W
Summer	LYG	5596	SCHED	08/02/2020 17:40:34	13	1	167	267	065:15:31.20 N	096:23:44.39 W
Summer	LYG	5596	SCHED	08/02/2020 17:42:47	14	11	179	218	065:15:34.20 N	096:23:35.99 W
Summer	LYG	5596	SCHED	08/02/2020 17:45:27	15	62	261	28	065:15:50.39 N	096:24:13.20 W
Summer	LYG	5596	SCHED	08/02/2020 17:47:38	16	1	162	299	065:15:34.79 N	096:23:34.19 W
Summer	LYG	5596	SCHED	08/02/2020 17:49:55	17	1	163	292	065:15:31.20 N	096:23:44.39 W
Summer	LYG	5596	SCHED	08/02/2020 17:52:09	18	1	156	239	065:15:34.79 N	096:23:34.79 W
Summer	LYG	5596	SCHED	08/02/2020 17:54:14	19	2	165	191	065:15:35.40 N	096:23:34.19 W
Summer	LYG	5596	XML_FLIGHT_SUMMARY	08/02/2020 18:12:57	0	0	0	0		
Summer	LYG	5597	POWER_ON	08/02/2020 18:12:56	NA	NA	NA	NA		
Summer	LYG	5597	SCHED	08/02/2020 18:13:54	1	2	138	173	065:15:31.79 N	096:23:45.60 W
Summer	LYG	5597	SCHED	08/02/2020 18:19:03	2	6	169	58	065:15:30.59 N	096:23:45.60 W
Summer	LYG	5597	SCHED	08/02/2020 18:24:14	3	1	166	92	065:15:31.20 N	096:23:45.00 W
Summer	LYG	5597	POWER_ON	08/02/2020 19:12:14	NA	NA	NA	NA		
Summer	LYG	5597	SCHED	08/02/2020 19:13:02	1	29	148	209	065:15:28.79 N	096:23:49.79 W
Summer	LYG	5597	DEPARTURE	08/02/2020 19:13:27	1	60	182	279	065:15:22.79 N	096:24:18.60 W
Summer	LYG	5597	SCHED	08/02/2020 19:15:33	2	122	509	313	065:18:36.00 N	096:30:11.40 W
Summer	LYG	5597	SCHED	08/02/2020 19:17:38	3	134	426	335	065:22:12.59 N	096:36:22.80 W
Summer	LYG	5597	SCHED	08/02/2020 19:19:44	4	4	182	259	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5597	XML_FLIGHT_SUMMARY	08/02/2020 19:20:53	0	0	0	0		
Summer	LYG	5598	POWER_ON	08/02/2020 19:20:52	NA	NA	NA	NA		
Summer	LYG	5598	SCHED	08/02/2020 19:21:45	1	0	168	109	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5598	SCHED	08/02/2020 19:26:51	2	0	163	109	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5598	POWER_ON	08/02/2020 19:38:30	NA	NA	NA	NA		
Summer	LYG	5598	SCHED	08/02/2020 19:39:26	1	2	175	145	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5598	DEPARTURE	08/02/2020 19:42:21	1	56	278	278	065:24:40.20 N	096:41:48.00 W
Summer	LYG	5598	SCHED	08/02/2020 19:44:36	2	84	387	140	065:22:51.60 N	096:41:43.20 W
Summer	LYG	5598	SCHED	08/02/2020 19:46:47	3	97	427	132	065:20:12.00 N	096:36:37.19 W
Summer	LYG	5598	SCHED	08/02/2020 19:49:10	4	97	410	139	065:17:41.39 N	096:30:36.59 W
Summer	LYG	5598	SCHED	08/02/2020 19:51:23	5	44	265	168	065:15:48.00 N	096:23:15.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5598	SCHED	08/02/2020 19:54:06	6	0	166	285	065:15:31.20 N	096:23:45.60 W
Summer	LYG	5598	SCHED	08/02/2020 19:56:15	7	66	294	324	065:15:37.79 N	096:24:40.80 W
Summer	LYG	5598	SCHED	08/02/2020 19:58:26	8	94	445	325	065:18:11.40 N	096:28:40.79 W
Summer	LYG	5598	SCHED	08/02/2020 20:00:36	9	95	469	326	065:20:57.60 N	096:33:22.79 W
Summer	LYG	5598	SCHED	08/02/2020 20:02:42	10	91	437	314	065:23:47.99 N	096:37:52.80 W
Summer	LYG	5598	SCHED	08/02/2020 20:04:55	11	0	197	169	065:24:34.79 N	096:41:01.20 W
Summer	LYG	5598	SCHED	08/02/2020 20:07:03	12	57	323	221	065:24:25.80 N	096:42:49.19 W
Summer	LYG	5598	SCHED	08/02/2020 20:09:16	13	88	444	140	065:22:16.19 N	096:40:26.99 W
Summer	LYG	5598	SCHED	08/02/2020 20:11:23	14	85	536	136	065:19:49.19 N	096:34:50.99 W
Summer	LYG	5598	SCHED	08/02/2020 20:13:33	15	103	480	124	065:17:38.39 N	096:29:00.00 W
Summer	LYG	5598	SCHED	08/02/2020 20:15:39	16	40	238	199	065:15:36.00 N	096:23:21.00 W
Summer	LYG	5598	SCHED	08/02/2020 20:17:44	17	43	228	287	065:15:25.79 N	096:24:03.00 W
Summer	LYG	5598	SCHED	08/02/2020 20:19:50	18	94	453	321	065:17:44.39 N	096:28:00.59 W
Summer	LYG	5598	SCHED	08/02/2020 20:21:56	19	94	468	325	065:20:16.79 N	096:32:49.79 W
Summer	LYG	5598	SCHED	08/02/2020 20:24:04	20	96	426	333	065:23:03.59 N	096:36:51.59 W
Summer	LYG	5598	SCHED	08/02/2020 20:26:12	21	9	221	299	065:24:34.19 N	096:40:58.80 W
Summer	LYG	5598	SCHED	08/02/2020 20:28:22	22	1	194	7	065:24:18.00 N	096:40:41.40 W
Summer	LYG	5598	ARRIVAL	08/02/2020 20:29:57	1	0	161	358	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5598	XML_FLIGHT_SUMMARY	08/02/2020 20:29:58	0	0	0	0		
Summer	LYG	5599	POWER_ON	08/02/2020 21:02:17	NA	NA	NA	NA		
Summer	LYG	5599	SCHED	08/02/2020 21:03:13	1	43	195	357	065:24:25.80 N	096:40:37.80 W
Summer	LYG	5599	DEPARTURE	08/02/2020 21:03:22	1	63	229	332	065:24:38.40 N	096:40:49.79 W
Summer	LYG	5599	SCHED	08/02/2020 21:05:28	2	111	449	301	065:26:26.99 N	096:47:36.59 W
Summer	LYG	5599	SCHED	08/02/2020 21:07:35	3	97	351	313	065:28:28.20 N	096:55:33.60 W
Summer	LYG	5599	SCHED	08/02/2020 21:09:46	4	46	176	336	065:29:33.59 N	096:58:31.20 W
Summer	LYG	5599	SCHED	08/02/2020 21:12:00	5	0	156	13	065:30:15.60 N	097:01:23.99 W
Summer	LYG	5599	ARRIVAL	08/02/2020 21:12:43	1	0	156	1	065:30:15.60 N	097:01:23.99 W
Summer	LYG	5599	XML_FLIGHT_SUMMARY	08/02/2020 21:12:44	0	0	0	0		
Summer	LYG	5600	DEPARTURE	08/02/2020 21:17:29	2	63	228	171	065:30:00.60 N	097:02:34.79 W
Summer	LYG	5600	SCHED	08/02/2020 21:19:39	6	0	132	265	065:29:15.60 N	096:58:17.39 W
Summer	LYG	5600	ARRIVAL	08/02/2020 21:20:03	2	0	133	265	065:29:15.60 N	096:58:17.39 W
Summer	LYG	5600	DEPARTURE	08/02/2020 21:20:58	3	63	206	144	065:28:58.80 N	096:57:58.80 W
Summer	LYG	5600	SCHED	08/02/2020 21:23:05	7	115	366	131	065:26:46.20 N	096:50:56.40 W
Summer	LYG	5600	SCHED	08/02/2020 21:25:11	8	113	339	148	065:23:50.40 N	096:44:27.60 W
Summer	LYG	5600	ARRIVAL	08/02/2020 21:27:14	3	0	155	183	065:22:40.19 N	096:42:58.80 W
Summer	LYG	5600	XML_FLIGHT_SUMMARY	08/02/2020 21:27:15	0	0	0	0		
Summer	LYG	5601	DEPARTURE	08/02/2020 21:28:24	4	73	220	11	065:22:51.60 N	096:43:18.00 W
Summer	LYG	5601	SCHED	08/02/2020 21:30:32	9	0	166	274	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5601	ARRIVAL	08/02/2020 21:31:17	4	0	166	274	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5601	SCHED	08/02/2020 21:36:29	10	0	173	274	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5601	POWER_ON	08/02/2020 23:02:39	NA	NA	NA	NA		
Summer	LYG	5601	SCHED	08/02/2020 23:03:35	1	46	185	102	065:24:16.19 N	096:40:26.40 W
Summer	LYG	5601	DEPARTURE	08/02/2020 23:03:43	1	63	225	113	065:24:13.19 N	096:39:55.20 W
Summer	LYG	5601	SCHED	08/02/2020 23:05:50	2	116	431	140	065:21:12.00 N	096:35:01.79 W
Summer	LYG	5601	SCHED	08/02/2020 23:07:57	3	121	465	135	065:18:14.99 N	096:28:17.39 W
Summer	LYG	5601	SCHED	08/02/2020 23:10:03	4	28	140	204	065:15:37.19 N	096:23:27.60 W
Summer	LYG	5601	ARRIVAL	08/02/2020 23:11:19	1	0	121	292	065:15:34.20 N	096:23:33.60 W
Summer	LYG	5601	XML_FLIGHT_SUMMARY	08/02/2020 23:11:20	0	0	0	0		
Summer	LYG	5601	SCHED	08/02/2020 23:16:25	5	0	119	140	065:15:34.20 N	096:23:33.60 W
Summer	LYG	5602	DEPARTURE	08/02/2020 23:18:08	2	59	188	279	065:15:26.40 N	096:24:06.59 W
Summer	LYG	5602	SCHED	08/02/2020 23:20:17	6	114	376	322	065:18:30.00 N	096:29:33.00 W
Summer	LYG	5602	SCHED	08/02/2020 23:22:23	7	121	424	327	065:21:39.00 N	096:35:28.80 W
Summer	LYG	5602	SCHED	08/02/2020 23:24:27	8	28	190	256	065:24:19.19 N	096:40:31.79 W
Summer	LYG	5602	XML_FLIGHT_SUMMARY	08/02/2020 23:26:11	0	0	0	0		
Summer	LYG	5603	POWER_ON	08/02/2020 23:26:10	NA	NA	NA	NA		
Summer	LYG	5603	SCHED	08/02/2020 23:28:30	1	0	166	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5603	POWER_ON	08/03/2020 11:05:05	NA	NA	NA	NA		
Summer	LYG	5603	SCHED	08/03/2020 11:05:54	1	0	167	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5603	DEPARTURE	08/03/2020 11:07:21	1	72	209	121	065:24:12.00 N	096:39:52.19 W
Summer	LYG	5603	SCHED	08/03/2020 11:09:26	2	119	536	142	065:20:56.99 N	096:34:43.80 W
Summer	LYG	5603	SCHED	08/03/2020 11:11:35	3	134	487	130	065:17:43.80 N	096:27:26.99 W
Summer	LYG	5603	SCHED	08/03/2020 11:13:40	4	0	120	310	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5603	ARRIVAL	08/03/2020 11:14:22	1	0	125	310	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5603	XML_FLIGHT_SUMMARY	08/03/2020 11:14:23	0	0	0	0		
Summer	LYG	5603	SCHED	08/03/2020 11:19:28	5	0	121	310	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5604	DEPARTURE	08/03/2020 11:23:45	2	68	226	324	065:15:46.80 N	096:24:11.39 W
Summer	LYG	5604	SCHED	08/03/2020 11:25:50	6	106	415	319	065:18:22.79 N	096:29:06.60 W
Summer	LYG	5604	SCHED	08/03/2020 11:27:57	7	113	415	323	065:21:24.00 N	096:34:44.39 W
Summer	LYG	5604	SCHED	08/03/2020 11:30:06	8	75	220	285	065:24:18.00 N	096:39:57.00 W
Summer	LYG	5604	ARRIVAL	08/03/2020 11:31:31	2	0	158	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5604	XML_FLIGHT_SUMMARY	08/03/2020 11:31:32	0	0	0	0		
Summer	LYG	5605	POWER_ON	08/03/2020 13:08:25	NA	NA	NA	NA		
Summer	LYG	5605	SCHED	08/03/2020 13:09:21	1	1	168	224	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5605	DEPARTURE	08/03/2020 13:12:38	1	48	307	257	065:24:34.79 N	096:41:50.40 W
Summer	LYG	5605	SCHED	08/03/2020 13:14:44	2	98	440	131	065:22:41.40 N	096:41:04.79 W
Summer	LYG	5605	SCHED	08/03/2020 13:16:56	3	98	434	130	065:20:18.59 N	096:35:15.60 W
Summer	LYG	5605	SCHED	08/03/2020 13:19:02	4	99	450	130	065:17:57.60 N	096:28:49.19 W
Summer	LYG	5605	SCHED	08/03/2020 13:21:07	5	51	273	164	065:15:48.00 N	096:23:20.40 W
Summer	LYG	5605	SCHED	08/03/2020 13:23:15	6	2	131	172	065:15:34.20 N	096:23:36.60 W
Summer	LYG	5605	ARRIVAL	08/03/2020 13:24:53	1	0	124	62	065:15:34.20 N	096:23:35.99 W
Summer	LYG	5605	XML_FLIGHT_SUMMARY	08/03/2020 13:24:54	0	0	0	0		
Summer	LYG	5606	POWER_ON	08/03/2020 13:39:21	NA	NA	NA	NA		
Summer	LYG	5606	SCHED	08/03/2020 13:40:09	1	2	142	338	065:15:34.79 N	096:23:36.60 W
Summer	LYG	5606	DEPARTURE	08/03/2020 13:41:53	1	49	230	248	065:15:22.20 N	096:23:52.80 W
Summer	LYG	5606	SCHED	08/03/2020 13:44:03	2	87	417	324	065:17:28.20 N	096:27:43.20 W
Summer	LYG	5606	SCHED	08/03/2020 13:46:10	3	87	453	325	065:19:57.60 N	096:32:22.80 W
Summer	LYG	5606	SCHED	08/03/2020 13:48:16	4	91	406	333	065:22:31.19 N	096:36:31.80 W
Summer	LYG	5606	SCHED	08/03/2020 13:51:56	5	1	199	235	065:24:18.60 N	096:40:41.40 W
Summer	LYG	5606	XML_FLIGHT_SUMMARY	08/03/2020 16:00:25	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5607	POWER_ON	08/03/2020 16:00:24	NA	NA	NA	NA		
Summer	LYG	5607	SCHED	08/03/2020 16:01:16	1	47	182	94	065:24:15.59 N	096:40:23.39 W
Summer	LYG	5607	DEPARTURE	08/03/2020 16:01:27	1	71	212	42	065:24:20.39 N	096:39:58.79 W
Summer	LYG	5607	SCHED	08/03/2020 16:03:35	2	55	201	258	065:23:46.79 N	096:46:01.19 W
Summer	LYG	5607	ARRIVAL	08/03/2020 16:05:01	1	0	153	277	065:23:47.99 N	096:46:29.39 W
Summer	LYG	5607	XML_FLIGHT_SUMMARY	08/03/2020 16:05:02	0	0	0	0		
Summer	LYG	5608	DEPARTURE	08/03/2020 16:05:54	2	68	203	11	065:24:01.79 N	096:46:07.80 W
Summer	LYG	5608	SCHED	08/03/2020 16:08:00	3	0	160	195	065:24:37.19 N	096:47:34.19 W
Summer	LYG	5608	DEPARTURE	08/03/2020 16:09:56	3	64	235	289	065:24:43.80 N	096:48:14.39 W
Summer	LYG	5608	ARRIVAL	08/03/2020 16:10:06	2	0	162	195	065:24:37.19 N	096:47:34.19 W
Summer	LYG	5608	SCHED	08/03/2020 16:12:16	4	108	388	313	065:28:29.99 N	096:58:09.59 W
Summer	LYG	5608	SCHED	08/03/2020 16:14:23	5	0	154	263	065:30:00.00 N	097:02:49.19 W
Summer	LYG	5608	ARRIVAL	08/03/2020 16:14:49	3	0	152	263	065:30:00.00 N	097:02:49.19 W
Summer	LYG	5608	DEPARTURE	08/03/2020 16:16:06	4	77	222	121	065:29:45.00 N	097:02:20.40 W
Summer	LYG	5608	SCHED	08/03/2020 16:18:12	6	122	331	129	065:27:26.99 N	096:54:30.00 W
Summer	LYG	5608	SCHED	08/03/2020 16:20:23	7	74	232	140	065:24:58.79 N	096:48:07.80 W
Summer	LYG	5608	ARRIVAL	08/03/2020 16:22:10	4	0	161	147	065:24:36.60 N	096:47:33.59 W
Summer	LYG	5608	XML_FLIGHT_SUMMARY	08/03/2020 16:22:11	0	0	0	0		
Summer	LYG	5609	DEPARTURE	08/03/2020 16:23:08	5	64	205	156	065:24:20.39 N	096:47:13.79 W
Summer	LYG	5609	ARRIVAL	08/03/2020 16:25:00	5	0	152	267	065:23:47.99 N	096:46:29.39 W
Summer	LYG	5609	DEPARTURE	08/03/2020 16:25:49	6	66	243	344	065:23:53.99 N	096:47:03.60 W
Summer	LYG	5609	SCHED	08/03/2020 16:27:56	8	79	350	239	065:24:54.59 N	096:44:30.00 W
Summer	LYG	5609	SCHED	08/03/2020 16:30:07	9	29	183	184	065:24:20.99 N	096:40:35.99 W
Summer	LYG	5609	ARRIVAL	08/03/2020 16:31:26	6	0	160	307	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5609	XML_FLIGHT_SUMMARY	08/03/2020 16:31:27	0	0	0	0		
Summer	LYG	5610	POWER_ON	08/03/2020 16:52:16	NA	NA	NA	NA		
Summer	LYG	5610	DEPARTURE	08/03/2020 16:53:04	1	71	230	98	065:24:15.59 N	096:39:52.80 W
Summer	LYG	5610	SCHED	08/03/2020 16:53:12	1	76	259	106	065:24:13.80 N	096:39:35.40 W
Summer	LYG	5610	SCHED	08/03/2020 16:55:25	2	124	460	142	065:20:46.19 N	096:34:22.19 W
Summer	LYG	5610	SCHED	08/03/2020 16:57:32	3	129	441	128	065:17:17.39 N	096:27:04.19 W
Summer	LYG	5610	SCHED	08/03/2020 16:59:43	4	1	125	360	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5610	ARRIVAL	08/03/2020 17:00:28	1	0	124	16	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5610	XML_FLIGHT_SUMMARY	08/03/2020 17:00:29	0	0	0	0		
Summer	LYG	5610	SCHED	08/03/2020 17:05:46	5	0	120	16	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5611	DEPARTURE	08/03/2020 17:06:59	2	70	207	331	065:15:40.80 N	096:24:07.19 W
Summer	LYG	5611	SCHED	08/03/2020 17:09:12	6	114	455	322	065:18:47.39 N	096:29:19.79 W
Summer	LYG	5611	SCHED	08/03/2020 17:11:23	7	115	430	323	065:22:07.20 N	096:35:34.79 W
Summer	LYG	5611	SCHED	08/03/2020 17:13:29	8	2	160	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5611	ARRIVAL	08/03/2020 17:14:23	2	0	163	280	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5611	XML_FLIGHT_SUMMARY	08/03/2020 17:14:24	0	0	0	0		
Summer	LYG	5612	POWER_ON	08/03/2020 18:22:09	NA	NA	NA	NA		
Summer	LYG	5612	SCHED	08/03/2020 18:23:04	1	20	190	122	065:24:17.39 N	096:40:37.20 W
Summer	LYG	5612	DEPARTURE	08/03/2020 18:24:42	1	70	237	104	065:24:14.39 N	096:39:52.80 W
Summer	LYG	5612	SCHED	08/03/2020 18:26:49	2	117	430	134	065:19:17.39 N	096:31:07.19 W
Summer	LYG	5612	SCHED	08/03/2020 18:29:00	3	102	317	133	065:16:20.40 N	096:24:21.00 W
Summer	LYG	5612	XML_FLIGHT_SUMMARY	08/03/2020 19:38:12	0	0	0	0		
Summer	LYG	5613	POWER_ON	08/03/2020 19:38:11	NA	NA	NA	NA		
Summer	LYG	5613	SCHED	08/03/2020 19:38:59	1	0	127	267	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5613	SCHED	08/03/2020 19:44:12	2	0	171	95	065:15:30.59 N	096:23:49.79 W
Summer	LYG	5613	SCHED	08/03/2020 19:49:19	3	10	178	314	065:15:34.20 N	096:23:33.00 W
Summer	LYG	5613	SCHED	08/03/2020 19:54:36	4	0	169	259	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5613	SCHED	08/03/2020 19:59:52	5	12	186	229	065:15:31.20 N	096:23:45.00 W
Summer	LYG	5613	SCHED	08/03/2020 20:04:58	6	1	168	294	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5613	SCHED	08/03/2020 20:10:04	7	1	171	233	065:15:30.00 N	096:23:50.40 W
Summer	LYG	5613	SCHED	08/03/2020 20:15:15	8	8	185	240	065:15:30.59 N	096:23:47.39 W
Summer	LYG	5613	SCHED	08/03/2020 20:20:26	9	1	173	252	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5613	SCHED	08/03/2020 20:25:39	10	1	166	109	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5613	SCHED	08/03/2020 20:30:49	11	31	194	54	065:15:30.00 N	096:23:34.19 W
Summer	LYG	5613	SCHED	08/03/2020 20:35:59	12	1	171	13	065:15:30.00 N	096:23:50.40 W
Summer	LYG	5613	DEPARTURE	08/03/2020 20:38:39	1	56	260	324	065:15:46.80 N	096:24:13.20 W
Summer	LYG	5613	SCHED	08/03/2020 20:40:48	13	89	483	321	065:18:25.20 N	096:28:43.20 W
Summer	LYG	5613	SCHED	08/03/2020 20:42:54	14	95	466	326	065:20:52.19 N	096:33:40.80 W
Summer	LYG	5613	SCHED	08/03/2020 20:45:04	15	92	395	325	065:23:41.40 N	096:37:51.59 W
Summer	LYG	5613	SCHED	08/03/2020 20:47:10	16	2	197	122	065:24:18.00 N	096:40:41.40 W
Summer	LYG	5613	ARRIVAL	08/03/2020 20:48:39	1	0	164	279	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5613	XML_FLIGHT_SUMMARY	08/03/2020 20:48:40	0	0	0	0		
Summer	LYG	5614	DEPARTURE	08/03/2020 20:51:58	2	75	269	104	065:24:13.19 N	096:39:49.20 W
Summer	LYG	5614	SCHED	08/03/2020 20:54:03	17	109	408	145	065:21:13.79 N	096:35:26.39 W
Summer	LYG	5614	SCHED	08/03/2020 20:56:10	18	111	403	132	065:18:31.19 N	096:28:47.39 W
Summer	LYG	5614	SCHED	08/03/2020 20:58:17	19	61	239	173	065:15:45.00 N	096:23:20.40 W
Summer	LYG	5614	SCHED	08/03/2020 21:00:28	20	1	167	106	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5614	SCHED	08/03/2020 21:02:37	21	1	168	301	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5614	SCHED	08/03/2020 21:04:50	22	1	169	248	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5614	SCHED	08/03/2020 21:07:12	23	2	173	184	065:15:30.00 N	096:23:50.40 W
Summer	LYG	5614	SCHED	08/03/2020 21:09:34	24	2	171	289	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5614	SCHED	08/03/2020 21:11:40	25	6	277	181	065:15:30.59 N	096:23:38.40 W
Summer	LYG	5614	SCHED	08/03/2020 21:13:46	26	10	178	108	065:15:29.40 N	096:23:48.60 W
Summer	LYG	5614	SCHED	08/03/2020 21:16:39	27	0	181	106	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5614	SCHED	08/03/2020 21:18:45	28	1	126	59	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5614	ARRIVAL	08/03/2020 21:19:37	2	0	125	42	065:15:34.20 N	096:23:34.79 W
Summer	LYG	5614	XML_FLIGHT_SUMMARY	08/03/2020 21:19:38	0	0	0	0		
Summer	LYG	5615	POWER_ON	08/03/2020 21:48:47	NA	NA	NA	NA		
Summer	LYG	5615	SCHED	08/03/2020 21:51:17	1	117	376	324	065:17:41.39 N	096:28:08.39 W
Summer	LYG	5615	DEPARTURE	08/03/2020 21:51:21	1	56	192	300	065:15:28.79 N	096:24:01.20 W
Summer	LYG	5615	SCHED	08/03/2020 21:53:31	2	118	362	325	065:21:18.59 N	096:34:18.59 W
Summer	LYG	5615	SCHED	08/03/2020 21:55:45	3	60	209	275	065:24:18.00 N	096:40:19.79 W
Summer	LYG	5615	ARRIVAL	08/03/2020 21:56:54	1	0	169	295	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5615	XML_FLIGHT_SUMMARY	08/03/2020 21:56:55	0	0	0	0		
Summer	LYG	5616	DEPARTURE	08/03/2020 21:59:08	2	91	206	55	065:24:19.19 N	096:39:49.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5616	SCHED	08/03/2020 22:02:00	4	113	349	299	065:26:46.20 N	096:48:56.40 W
Summer	LYG	5616	SCHED	08/03/2020 22:04:18	5	111	349	298	065:28:45.59 N	096:57:54.00 W
Summer	LYG	5616	SCHED	08/03/2020 22:06:25	6	78	320	78	065:31:08.40 N	097:03:28.20 W
Summer	LYG	5616	SCHED	08/03/2020 22:08:35	7	0	138	252	065:30:52.19 N	097:02:23.40 W
Summer	LYG	5616	ARRIVAL	08/03/2020 22:09:04	2	0	137	252	065:30:52.19 N	097:02:23.40 W
Summer	LYG	5616	XML_FLIGHT_SUMMARY	08/03/2020 22:09:05	0	0	0	0		
Summer	LYG	5617	DEPARTURE	08/03/2020 22:10:29	3	61	179	335	065:31:09.60 N	097:02:37.80 W
Summer	LYG	5617	ARRIVAL	08/03/2020 22:11:56	3	0	129	314	065:31:34.79 N	097:03:11.99 W
Summer	LYG	5617	DEPARTURE	08/03/2020 22:12:44	4	64	171	148	065:31:23.99 N	097:03:21.00 W
Summer	LYG	5617	SCHED	08/03/2020 22:14:49	8	0	140	44	065:30:11.40 N	097:01:01.19 W
Summer	LYG	5617	ARRIVAL	08/03/2020 22:15:24	4	0	137	44	065:30:11.40 N	097:01:01.19 W
Summer	LYG	5617	DEPARTURE	08/03/2020 22:16:07	5	66	206	169	065:29:59.39 N	097:01:25.20 W
Summer	LYG	5617	SCHED	08/03/2020 22:18:18	9	117	324	119	065:27:52.80 N	096:54:02.39 W
Summer	LYG	5617	SCHED	08/03/2020 22:20:25	10	123	346	118	065:25:46.20 N	096:44:48.59 W
Summer	LYG	5617	SCHED	08/03/2020 22:22:33	11	0	160	309	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5617	ARRIVAL	08/03/2020 22:23:07	5	0	159	309	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5617	XML_FLIGHT_SUMMARY	08/03/2020 22:23:08	0	0	0	0		
Summer	LYG	5618	POWER_ON	08/03/2020 22:24:04	NA	NA	NA	NA		
Summer	LYG	5618	SCHED	08/03/2020 22:25:01	1	0	161	247	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5618	POWER_ON	08/03/2020 23:00:39	NA	NA	NA	NA		
Summer	LYG	5618	SCHED	08/03/2020 23:01:36	1	0	156	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5618	DEPARTURE	08/03/2020 23:03:04	1	72	233	112	065:24:14.39 N	096:39:49.20 W
Summer	LYG	5618	SCHED	08/03/2020 23:05:11	2	118	426	136	065:21:20.39 N	096:35:12.00 W
Summer	LYG	5618	SCHED	08/03/2020 23:07:23	3	123	427	135	065:18:19.79 N	096:28:12.60 W
Summer	LYG	5618	SCHED	08/03/2020 23:09:29	4	21	139	211	065:15:30.59 N	096:23:45.60 W
Summer	LYG	5618	ARRIVAL	08/03/2020 23:10:46	1	0	133	260	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5618	XML_FLIGHT_SUMMARY	08/03/2020 23:10:47	0	0	0	0		
Summer	LYG	5619	DEPARTURE	08/03/2020 23:12:22	2	66	218	315	065:15:29.40 N	096:24:25.20 W
Summer	LYG	5619	SCHED	08/03/2020 23:14:34	5	117	360	323	065:18:53.40 N	096:29:35.40 W
Summer	LYG	5619	SCHED	08/03/2020 23:16:40	6	124	381	325	065:22:21.00 N	096:35:41.99 W
Summer	LYG	5619	SCHED	08/03/2020 23:18:48	7	0	161	339	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5619	ARRIVAL	08/03/2020 23:19:28	2	0	165	339	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5619	XML_FLIGHT_SUMMARY	08/03/2020 23:19:29	0	0	0	0		
Summer	LYG	5620	POWER_ON	08/04/2020 11:10:40	NA	NA	NA	NA		
Summer	LYG	5620	DEPARTURE	08/04/2020 11:12:00	1	62	192	102	065:24:15.00 N	096:39:54.59 W
Summer	LYG	5620	SCHED	08/04/2020 11:12:09	1	76	267	145	065:23:55.20 N	096:39:06.00 W
Summer	LYG	5620	SCHED	08/04/2020 11:14:17	2	119	433	140	065:20:42.60 N	096:34:25.80 W
Summer	LYG	5620	SCHED	08/04/2020 11:16:24	3	127	461	132	065:17:38.39 N	096:27:13.80 W
Summer	LYG	5620	SCHED	08/04/2020 11:18:29	4	0	130	306	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5620	ARRIVAL	08/04/2020 11:19:11	1	0	134	306	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5620	XML_FLIGHT_SUMMARY	08/04/2020 11:19:12	0	0	0	0		
Summer	LYG	5621	DEPARTURE	08/04/2020 11:20:10	2	65	201	319	065:15:28.20 N	096:24:22.80 W
Summer	LYG	5621	SCHED	08/04/2020 11:22:15	5	113	347	326	065:18:27.00 N	096:29:18.60 W
Summer	LYG	5621	SCHED	08/04/2020 11:24:21	6	114	369	323	065:21:33.60 N	096:34:52.19 W
Summer	LYG	5621	SCHED	08/04/2020 11:26:37	7	68	235	266	065:24:35.40 N	096:40:14.39 W
Summer	LYG	5621	ARRIVAL	08/04/2020 11:27:58	2	0	169	289	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5621	XML_FLIGHT_SUMMARY	08/04/2020 11:27:59	0	0	0	0		
Summer	LYG	5622	POWER_ON	08/04/2020 13:53:23	NA	NA	NA	NA		
Summer	LYG	5622	SCHED	08/04/2020 13:54:33	1	51	202	107	065:24:15.00 N	096:40:23.99 W
Summer	LYG	5622	DEPARTURE	08/04/2020 13:54:44	1	80	256	37	065:24:21.60 N	096:39:55.79 W
Summer	LYG	5622	SCHED	08/04/2020 13:56:51	2	127	430	36	065:27:48.00 N	096:34:12.60 W
Summer	LYG	5622	SCHED	08/04/2020 13:59:03	3	0	176	168	065:28:37.20 N	096:31:37.80 W
Summer	LYG	5622	ARRIVAL	08/04/2020 13:59:19	1	0	177	168	065:28:37.20 N	096:31:37.80 W
Summer	LYG	5622	XML_FLIGHT_SUMMARY	08/04/2020 13:59:20	0	0	0	0		
Summer	LYG	5623	DEPARTURE	08/04/2020 14:00:27	2	63	241	221	065:28:23.40 N	096:32:03.00 W
Summer	LYG	5623	SCHED	08/04/2020 14:02:33	4	104	357	228	065:25:49.20 N	096:37:28.80 W
Summer	LYG	5623	SCHED	08/04/2020 14:04:39	5	0	161	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5623	ARRIVAL	08/04/2020 14:05:13	2	0	162	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5623	XML_FLIGHT_SUMMARY	08/04/2020 14:05:14	0	0	0	0		
Summer	LYG	5624	POWER_ON	08/04/2020 14:55:46	NA	NA	NA	NA		
Summer	LYG	5624	SCHED	08/04/2020 14:56:37	1	65	237	102	065:24:16.80 N	096:39:49.20 W
Summer	LYG	5624	DEPARTURE	08/04/2020 14:56:44	1	65	230	96	065:24:17.39 N	096:39:54.00 W
Summer	LYG	5624	SCHED	08/04/2020 14:58:57	2	113	427	142	065:21:17.39 N	096:34:43.19 W
Summer	LYG	5624	SCHED	08/04/2020 15:01:14	3	115	438	138	065:18:05.40 N	096:27:58.80 W
Summer	LYG	5624	SCHED	08/04/2020 15:03:24	4	4	134	297	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5624	ARRIVAL	08/04/2020 15:04:40	1	0	132	2	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5624	XML_FLIGHT_SUMMARY	08/04/2020 15:04:41	0	0	0	0		
Summer	LYG	5625	POWER_ON	08/04/2020 16:09:47	NA	NA	NA	NA		
Summer	LYG	5625	SCHED	08/04/2020 16:10:54	1	3	135	198	065:15:28.79 N	096:23:50.99 W
Summer	LYG	5625	DEPARTURE	08/04/2020 16:12:23	1	70	202	308	065:15:25.20 N	096:24:22.80 W
Summer	LYG	5625	DEPARTURE	08/04/2020 16:12:33	1	70	202	308	065:15:25.20 N	096:24:22.80 W
Summer	LYG	5625	SCHED	08/04/2020 16:14:55	2	123	433	326	065:21:19.80 N	096:34:15.60 W
Summer	LYG	5625	SCHED	08/04/2020 16:17:39	3	6	168	290	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5625	ARRIVAL	08/04/2020 16:18:30	1	0	166	311	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5625	XML_FLIGHT_SUMMARY	08/04/2020 16:18:31	0	0	0	0		
Summer	LYG	5626	POWER_ON	08/04/2020 20:31:51	NA	NA	NA	NA		
Summer	LYG	5626	SCHED	08/04/2020 20:33:25	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5626	DEPARTURE	08/04/2020 20:34:33	1	111	163	138	065:21:59.40 N	096:38:47.99 W
Summer	LYG	5626	SCHED	08/04/2020 20:36:42	2	121	446	138	065:18:52.19 N	096:31:24.59 W
Summer	LYG	5626	SCHED	08/04/2020 20:40:28	3	0	136	334	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5626	DEPARTURE	08/04/2020 20:42:12	2	61	191	316	065:15:29.40 N	096:24:21.00 W
Summer	LYG	5626	ARRIVAL	08/04/2020 20:42:20	1	0	135	334	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5626	XML_FLIGHT_SUMMARY	08/04/2020 20:42:21	0	0	0	0		
Summer	LYG	5626	SCHED	08/04/2020 20:44:26	4	120	456	344	065:19:58.80 N	096:27:38.40 W
Summer	LYG	5626	SCHED	08/04/2020 20:46:39	5	123	407	348	065:24:08.39 N	096:29:49.79 W
Summer	LYG	5626	SCHED	08/04/2020 20:48:50	6	96	352	360	065:28:25.79 N	096:31:56.39 W
Summer	LYG	5626	SCHED	08/04/2020 20:50:58	7	70	204	17	065:30:12.60 N	096:33:58.19 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5626	ARRIVAL	08/04/2020 20:52:56	2	0	149	213	065:30:28.20 N	096:34:16.20 W
Summer	LYG	5627	DEPARTURE	08/04/2020 20:56:18	3	49	199	228	065:30:05.39 N	096:35:01.79 W
Summer	LYG	5627	ARRIVAL	08/04/2020 20:58:03	3	0	173	200	065:29:49.80 N	096:36:00.60 W
Summer	LYG	5627	DEPARTURE	08/04/2020 20:59:20	4	72	240	120	065:29:34.79 N	096:35:41.39 W
Summer	LYG	5627	SCHED	08/04/2020 21:01:29	8	0	181	305	065:28:28.20 N	096:34:18.59 W
Summer	LYG	5627	ARRIVAL	08/04/2020 21:01:37	4	0	182	305	065:28:28.20 N	096:34:18.59 W
Summer	LYG	5627	DEPARTURE	08/04/2020 21:02:41	5	57	254	212	065:28:12.60 N	096:34:43.80 W
Summer	LYG	5627	SCHED	08/04/2020 21:04:50	9	109	298	63	065:27:56.39 N	096:34:55.20 W
Summer	LYG	5627	SCHED	08/04/2020 21:07:05	10	0	179	278	065:28:37.20 N	096:31:37.80 W
Summer	LYG	5627	ARRIVAL	08/04/2020 21:07:23	5	0	179	278	065:28:37.20 N	096:31:37.80 W
Summer	LYG	5627	DEPARTURE	08/04/2020 21:08:24	6	56	244	216	065:28:22.19 N	096:32:01.79 W
Summer	LYG	5627	SCHED	08/04/2020 21:10:33	11	97	320	227	065:26:06.00 N	096:36:34.19 W
Summer	LYG	5627	SCHED	08/04/2020 21:12:43	12	0	165	293	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5627	XML_FLIGHT_SUMMARY	08/04/2020 21:13:33	0	0	0	0		
Summer	LYG	5628	POWER_ON	08/04/2020 21:13:32	NA	NA	NA	NA		
Summer	LYG	5628	SCHED	08/04/2020 21:15:00	1	0	165	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5628	POWER_ON	08/04/2020 23:03:06	NA	NA	NA	NA		
Summer	LYG	5628	SCHED	08/04/2020 23:04:03	1	11	174	136	065:24:18.00 N	096:40:38.40 W
Summer	LYG	5628	DEPARTURE	08/04/2020 23:04:15	1	63	241	195	065:24:00.00 N	096:40:48.59 W
Summer	LYG	5628	SCHED	08/04/2020 23:06:27	2	122	459	139	065:21:03.59 N	096:35:26.99 W
Summer	LYG	5628	SCHED	08/04/2020 23:08:37	3	124	486	132	065:17:42.59 N	096:28:28.20 W
Summer	LYG	5628	SCHED	08/04/2020 23:10:42	4	8	134	259	065:15:28.79 N	096:23:49.79 W
Summer	LYG	5628	ARRIVAL	08/04/2020 23:11:41	1	0	129	310	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5628	XML_FLIGHT_SUMMARY	08/04/2020 23:11:42	0	0	0	0		
Summer	LYG	5628	SCHED	08/04/2020 23:16:49	5	0	130	310	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5629	DEPARTURE	08/04/2020 23:18:37	2	68	206	296	065:15:23.99 N	096:24:26.99 W
Summer	LYG	5629	SCHED	08/04/2020 23:20:43	6	114	344	326	065:18:21.59 N	096:29:37.79 W
Summer	LYG	5629	SCHED	08/04/2020 23:22:49	7	112	439	326	065:21:31.80 N	096:34:53.99 W
Summer	LYG	5629	SCHED	08/04/2020 23:24:55	8	54	206	260	065:24:19.19 N	096:40:11.99 W
Summer	LYG	5629	ARRIVAL	08/04/2020 23:26:22	2	0	161	301	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5629	XML_FLIGHT_SUMMARY	08/04/2020 23:26:23	0	0	0	0		
Summer	LYG	5630	POWER_ON	08/05/2020 11:09:35	NA	NA	NA	NA		
Summer	LYG	5630	SCHED	08/05/2020 11:10:30	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5630	DEPARTURE	08/05/2020 11:13:50	1	117	163	131	065:19:46.19 N	096:31:52.80 W
Summer	LYG	5630	SCHED	08/05/2020 11:15:55	2	113	439	142	065:16:53.39 N	096:25:13.20 W
Summer	LYG	5630	SCHED	08/05/2020 11:18:01	3	0	133	338	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5630	ARRIVAL	08/05/2020 11:18:35	1	0	133	338	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5630	XML_FLIGHT_SUMMARY	08/05/2020 11:18:36	0	0	0	0		
Summer	LYG	5630	SCHED	08/05/2020 11:23:46	4	6	138	196	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5631	DEPARTURE	08/05/2020 11:24:12	2	67	211	314	065:15:30.00 N	096:24:27.60 W
Summer	LYG	5631	SCHED	08/05/2020 11:26:17	5	114	418	319	065:18:43.19 N	096:29:40.20 W
Summer	LYG	5631	SCHED	08/05/2020 11:28:23	6	123	509	327	065:21:36.60 N	096:36:16.79 W
Summer	LYG	5631	SCHED	08/05/2020 11:30:34	7	50	196	195	065:24:26.39 N	096:40:31.79 W
Summer	LYG	5631	ARRIVAL	08/05/2020 11:31:53	2	0	165	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5631	XML_FLIGHT_SUMMARY	08/05/2020 11:31:54	0	0	0	0		
Summer	LYG	5632	DEPARTURE	08/05/2020 11:33:14	3	65	250	196	065:24:00.59 N	096:40:49.79 W
Summer	LYG	5632	SCHED	08/05/2020 11:37:42	8	113	477	136	065:18:39.60 N	096:29:03.60 W
Summer	LYG	5632	SCHED	08/05/2020 11:39:56	9	33	157	233	065:15:30.00 N	096:23:41.40 W
Summer	LYG	5632	ARRIVAL	08/05/2020 11:41:05	3	0	135	286	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5632	XML_FLIGHT_SUMMARY	08/05/2020 11:41:06	0	0	0	0		
Summer	LYG	5633	DEPARTURE	08/05/2020 11:41:58	4	72	213	321	065:15:30.00 N	096:24:26.99 W
Summer	LYG	5633	SCHED	08/05/2020 11:44:06	10	122	430	323	065:18:56.40 N	096:30:05.39 W
Summer	LYG	5633	SCHED	08/05/2020 11:46:13	11	126	409	331	065:22:28.19 N	096:36:09.00 W
Summer	LYG	5633	SCHED	08/05/2020 11:48:19	12	4	168	247	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5633	ARRIVAL	08/05/2020 11:49:18	4	0	166	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5633	XML_FLIGHT_SUMMARY	08/05/2020 11:49:19	0	0	0	0		
Summer	LYG	5634	POWER_ON	08/05/2020 11:50:46	NA	NA	NA	NA		
Summer	LYG	5634	POWER_ON	08/05/2020 12:51:23	NA	NA	NA	NA		
Summer	LYG	5634	SCHED	08/05/2020 12:52:18	1	0	182	245	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5634	DEPARTURE	08/05/2020 12:55:37	1	53	304	266	065:24:33.60 N	096:41:49.19 W
Summer	LYG	5634	SCHED	08/05/2020 12:57:47	2	90	468	134	065:22:37.80 N	096:41:23.40 W
Summer	LYG	5634	SCHED	08/05/2020 12:59:53	3	93	481	127	065:20:32.39 N	096:35:04.20 W
Summer	LYG	5634	SCHED	08/05/2020 13:02:02	4	95	442	128	065:18:31.80 N	096:29:01.80 W
Summer	LYG	5634	SCHED	08/05/2020 13:04:59	5	35	241	200	065:15:34.79 N	096:23:34.19 W
Summer	LYG	5634	SCHED	08/05/2020 13:07:05	6	0	131	31	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5634	SCHED	08/05/2020 13:09:10	7	49	263	286	065:15:29.40 N	096:24:23.99 W
Summer	LYG	5634	SCHED	08/05/2020 13:11:16	8	91	445	322	065:17:37.19 N	096:28:34.20 W
Summer	LYG	5634	SCHED	08/05/2020 13:13:30	9	92	456	327	065:20:09.59 N	096:33:01.19 W
Summer	LYG	5634	SCHED	08/05/2020 13:15:41	10	91	416	329	065:23:17.39 N	096:37:04.79 W
Summer	LYG	5634	SCHED	08/05/2020 13:17:50	11	9	211	280	065:24:34.79 N	096:40:59.39 W
Summer	LYG	5634	SCHED	08/05/2020 13:19:57	12	5	203	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5634	ARRIVAL	08/05/2020 13:21:50	1	0	168	73	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5634	XML_FLIGHT_SUMMARY	08/05/2020 13:21:51	0	0	0	0		
Summer	LYG	5635	POWER_ON	08/05/2020 13:22:32	NA	NA	NA	NA		
Summer	LYG	5635	POWER_ON	08/05/2020 13:23:32	NA	NA	NA	NA		
Summer	LYG	5635	SCHED	08/05/2020 13:24:39	1	0	170	75	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5635	POWER_ON	08/05/2020 13:40:45	NA	NA	NA	NA		
Summer	LYG	5635	SCHED	08/05/2020 13:41:42	1	35	201	183	065:24:14.39 N	096:40:37.20 W
Summer	LYG	5635	DEPARTURE	08/05/2020 13:41:54	1	66	236	209	065:24:01.79 N	096:40:55.20 W
Summer	LYG	5635	SCHED	08/05/2020 13:44:01	2	126	467	139	065:20:32.39 N	096:35:12.00 W
Summer	LYG	5635	SCHED	08/05/2020 13:46:07	3	134	408	138	065:17:13.20 N	096:27:42.00 W
Summer	LYG	5635	SCHED	08/05/2020 13:48:19	4	10	130	261	065:15:20.99 N	096:24:15.00 W
Summer	LYG	5635	ARRIVAL	08/05/2020 13:49:55	1	0	126	301	065:15:21.60 N	096:24:19.79 W
Summer	LYG	5635	XML_FLIGHT_SUMMARY	08/05/2020 13:49:56	0	0	0	0		
Summer	LYG	5636	DEPARTURE	08/05/2020 13:50:56	2	67	166	88	065:15:25.20 N	096:23:48.60 W
Summer	LYG	5636	ARRIVAL	08/05/2020 13:52:11	2	0	124	326	065:15:34.79 N	096:23:33.60 W
Summer	LYG	5636	SCHED	08/05/2020 13:57:18	5	21	209	236	065:15:24.59 N	096:24:01.20 W
Summer	LYG	5636	DEPARTURE	08/05/2020 14:00:03	3	55	217	50	065:15:22.79 N	096:23:45.00 W
Summer	LYG	5636	SCHED	08/05/2020 14:02:10	6	1	161	158	065:15:20.99 N	096:24:18.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5636	SCHED	08/05/2020 14:04:20	7	17	187	225	065:15:31.20 N	096:23:40.20 W
Summer	LYG	5636	SCHED	08/05/2020 14:06:25	8	0	162	117	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5636	SCHED	08/05/2020 14:08:31	9	1	161	360	065:15:35.40 N	096:23:34.79 W
Summer	LYG	5636	SCHED	08/05/2020 14:10:37	10	1	164	7	065:15:20.99 N	096:24:18.60 W
Summer	LYG	5636	SCHED	08/05/2020 14:12:44	11	26	195	216	065:15:32.39 N	096:23:39.59 W
Summer	LYG	5636	SCHED	08/05/2020 14:14:51	12	1	151	53	065:15:20.99 N	096:24:18.00 W
Summer	LYG	5636	SCHED	08/05/2020 14:17:01	13	0	147	50	065:15:34.79 N	096:23:34.19 W
Summer	LYG	5636	SCHED	08/05/2020 14:19:06	14	13	185	209	065:15:33.59 N	096:23:35.40 W
Summer	LYG	5636	SCHED	08/05/2020 14:21:13	15	11	178	66	065:15:21.60 N	096:24:15.59 W
Summer	LYG	5636	SCHED	08/05/2020 14:23:21	16	0	164	138	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5636	SCHED	08/05/2020 14:25:26	17	1	174	341	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5636	SCHED	08/05/2020 14:27:32	18	0	174	9	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5636	SCHED	08/05/2020 14:29:40	19	1	179	0	065:15:30.59 N	096:23:50.40 W
Summer	LYG	5636	SCHED	08/05/2020 14:31:50	20	3	129	55	065:15:20.99 N	096:24:21.00 W
Summer	LYG	5636	ARRIVAL	08/05/2020 14:32:43	3	0	128	248	065:15:20.99 N	096:24:21.00 W
Summer	LYG	5636	XML_FLIGHT_SUMMARY	08/05/2020 14:32:44	0	0	0	0		
Summer	LYG	5637	POWER_ON	08/05/2020 14:53:47	NA	NA	NA	NA		
Summer	LYG	5637	SCHED	08/05/2020 14:54:40	1	55	192	293	065:15:23.40 N	096:24:49.20 W
Summer	LYG	5637	DEPARTURE	08/05/2020 14:54:47	1	65	211	316	065:15:26.99 N	096:24:58.79 W
Summer	LYG	5637	SCHED	08/05/2020 14:56:55	2	115	483	319	065:18:45.60 N	096:30:25.79 W
Summer	LYG	5637	SCHED	08/05/2020 14:59:03	3	124	484	333	065:21:49.79 N	096:36:32.39 W
Summer	LYG	5637	SCHED	08/05/2020 15:01:10	4	5	164	275	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5637	ARRIVAL	08/05/2020 15:02:02	1	0	165	286	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5637	XML_FLIGHT_SUMMARY	08/05/2020 15:02:03	0	0	0	0		
Summer	LYG	5638	POWER_ON	08/05/2020 19:56:03	NA	NA	NA	NA		
Summer	LYG	5638	DEPARTURE	08/05/2020 19:58:07	1	61	206	205	065:24:01.79 N	096:40:55.20 W
Summer	LYG	5638	SCHED	08/05/2020 19:58:19	1	118	428	146	065:22:50.40 N	096:39:26.39 W
Summer	LYG	5638	SCHED	08/05/2020 20:00:26	2	144	577	129	065:18:45.00 N	096:30:21.59 W
Summer	LYG	5638	SCHED	08/05/2020 20:02:32	3	73	200	193	065:15:37.19 N	096:23:15.00 W
Summer	LYG	5638	ARRIVAL	08/05/2020 20:04:01	1	0	131	355	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5638	XML_FLIGHT_SUMMARY	08/05/2020 20:04:02	0	0	0	0		
Summer	LYG	5639	DEPARTURE	08/05/2020 20:05:19	2	59	250	300	065:15:39.00 N	096:24:27.60 W
Summer	LYG	5639	SCHED	08/05/2020 20:07:29	4	112	542	318	065:18:06.60 N	096:30:02.39 W
Summer	LYG	5639	SCHED	08/05/2020 20:09:38	5	116	484	326	065:21:19.20 N	096:36:15.00 W
Summer	LYG	5639	SCHED	08/05/2020 20:11:44	6	33	185	278	065:24:18.00 N	096:40:33.60 W
Summer	LYG	5639	ARRIVAL	08/05/2020 20:12:48	2	0	170	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5639	XML_FLIGHT_SUMMARY	08/05/2020 20:12:49	0	0	0	0		
Summer	LYG	5640	POWER_ON	08/06/2020 13:57:09	NA	NA	NA	NA		
Summer	LYG	5640	SCHED	08/06/2020 14:00:39	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5640	DEPARTURE	08/06/2020 14:01:36	1	106	166	89	065:24:55.79 N	096:28:40.20 W
Summer	LYG	5640	SCHED	08/06/2020 14:03:42	2	103	320	103	065:24:28.80 N	096:19:42.60 W
Summer	LYG	5640	SCHED	08/06/2020 14:05:48	3	58	215	258	065:25:15.60 N	096:14:34.79 W
Summer	LYG	5640	ARRIVAL	08/06/2020 14:07:22	1	0	165	113	065:25:16.19 N	096:15:14.40 W
Summer	LYG	5640	XML_FLIGHT_SUMMARY	08/06/2020 14:07:23	0	0	0	0		
Summer	LYG	5641	DEPARTURE	08/06/2020 14:08:30	2	72	249	250	065:25:03.00 N	096:15:25.20 W
Summer	LYG	5641	SCHED	08/06/2020 14:10:41	4	129	329	269	065:24:54.59 N	096:25:37.20 W
Summer	LYG	5641	SCHED	08/06/2020 14:12:47	5	127	286	275	065:24:47.39 N	096:36:53.40 W
Summer	LYG	5641	SCHED	08/06/2020 14:14:52	6	0	159	275	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5641	ARRIVAL	08/06/2020 14:15:16	2	0	158	275	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5641	XML_FLIGHT_SUMMARY	08/06/2020 14:15:17	0	0	0	0		
Summer	LYG	5642	POWER_ON	08/06/2020 18:46:43	NA	NA	NA	NA		
Summer	LYG	5642	SCHED	08/06/2020 18:47:41	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5642	SCHED	08/06/2020 18:52:47	2	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5642	DEPARTURE	08/06/2020 18:53:20	1	111	399	152	065:16:50.39 N	096:26:02.39 W
Summer	LYG	5642	SCHED	08/06/2020 18:55:28	3	2	149	234	065:15:28.79 N	096:23:49.79 W
Summer	LYG	5642	ARRIVAL	08/06/2020 18:56:26	1	0	132	22	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5642	XML_FLIGHT_SUMMARY	08/06/2020 18:56:27	0	0	0	0		
Summer	LYG	5642	SCHED	08/06/2020 19:01:33	4	0	175	270	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5643	DEPARTURE	08/06/2020 19:02:26	2	62	286	323	065:15:46.80 N	096:24:00.60 W
Summer	LYG	5643	SCHED	08/06/2020 19:04:31	5	120	540	318	065:18:37.19 N	096:29:52.19 W
Summer	LYG	5643	SCHED	08/06/2020 19:06:37	6	113	427	316	065:21:39.60 N	096:36:21.00 W
Summer	LYG	5643	SCHED	08/06/2020 19:08:42	7	90	324	301	065:24:45.60 N	096:40:03.59 W
Summer	LYG	5643	SCHED	08/06/2020 19:10:47	8	6	211	62	065:24:34.79 N	096:41:00.59 W
Summer	LYG	5643	SCHED	08/06/2020 19:12:56	9	68	396	150	065:23:23.39 N	096:38:34.79 W
Summer	LYG	5643	SCHED	08/06/2020 19:15:07	10	77	428	159	065:21:07.79 N	096:35:36.00 W
Summer	LYG	5643	SCHED	08/06/2020 19:17:16	11	71	430	135	065:19:06.60 N	096:31:44.39 W
Summer	LYG	5643	SCHED	08/06/2020 19:19:21	12	74	393	143	065:17:13.80 N	096:27:36.59 W
Summer	LYG	5643	SCHED	08/06/2020 19:21:26	13	26	223	111	065:15:32.39 N	096:24:03.59 W
Summer	LYG	5643	SCHED	08/06/2020 19:24:53	14	113	466	318	065:17:00.60 N	096:26:44.39 W
Summer	LYG	5643	SCHED	08/06/2020 19:26:58	15	115	471	322	065:21:04.79 N	096:34:44.39 W
Summer	LYG	5643	SCHED	08/06/2020 19:29:03	16	96	347	325	065:24:13.19 N	096:39:07.19 W
Summer	LYG	5643	SCHED	08/06/2020 19:31:14	17	0	164	157	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5643	ARRIVAL	08/06/2020 19:31:49	2	0	159	157	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5643	XML_FLIGHT_SUMMARY	08/06/2020 19:31:50	0	0	0	0		
Summer	LYG	5643	SCHED	08/06/2020 19:36:55	18	0	164	157	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5644	POWER_ON	08/06/2020 19:43:56	NA	NA	NA	NA		
Summer	LYG	5644	SCHED	08/06/2020 19:44:53	1	0	165	338	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5644	DEPARTURE	08/06/2020 19:46:43	1	33	257	314	065:24:33.60 N	096:40:54.00 W
Summer	LYG	5644	SCHED	08/06/2020 19:48:48	2	65	321	142	065:24:22.80 N	096:39:33.00 W
Summer	LYG	5644	SCHED	08/06/2020 19:50:55	3	90	461	154	065:21:51.60 N	096:36:06.00 W
Summer	LYG	5644	SCHED	08/06/2020 19:53:04	4	92	528	140	065:19:13.79 N	096:31:38.39 W
Summer	LYG	5644	SCHED	08/06/2020 19:55:10	5	94	463	144	065:16:43.80 N	096:26:41.40 W
Summer	LYG	5644	SCHED	08/06/2020 19:57:15	6	2	172	98	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5644	SCHED	08/06/2020 19:59:21	7	1	176	139	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5644	SCHED	08/06/2020 20:01:35	8	1	141	254	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5644	XML_FLIGHT_SUMMARY	08/06/2020 20:22:44	0	0	0	0		
Summer	LYG	5645	POWER_ON	08/06/2020 20:22:43	NA	NA	NA	NA		
Summer	LYG	5645	SCHED	08/06/2020 20:23:36	1	34	163	229	065:15:22.20 N	096:24:03.00 W
Summer	LYG	5645	DEPARTURE	08/06/2020 20:23:43	1	53	214	280	065:15:18.59 N	096:24:29.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5645	SCHED	08/06/2020 20:25:50	2	129	548	313	065:18:07.80 N	096:27:59.39 W
Summer	LYG	5645	SCHED	08/06/2020 20:28:53	3	133	464	331	065:22:26.39 N	096:37:00.60 W
Summer	LYG	5645	SCHED	08/06/2020 20:31:05	4	0	164	287	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5645	ARRIVAL	08/06/2020 20:31:30	1	0	166	287	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5645	XML_FLIGHT_SUMMARY	08/06/2020 20:31:31	0	0	0	0		
Summer	LYG	5646	POWER_ON	08/06/2020 20:48:04	NA	NA	NA	NA		
Summer	LYG	5646	SCHED	08/06/2020 20:51:04	1	101	453	84	065:25:01.79 N	096:29:03.00 W
Summer	LYG	5646	DEPARTURE	08/06/2020 20:51:16	1	62	257	69	065:24:26.99 N	096:39:35.99 W
Summer	LYG	5646	SCHED	08/06/2020 20:53:21	2	60	219	54	065:25:01.19 N	096:20:59.39 W
Summer	LYG	5646	ARRIVAL	08/06/2020 20:54:54	1	0	180	5	065:25:13.80 N	096:20:21.00 W
Summer	LYG	5646	XML_FLIGHT_SUMMARY	08/06/2020 20:54:55	0	0	0	0		
Summer	LYG	5647	DEPARTURE	08/06/2020 20:56:27	2	64	236	72	065:25:17.39 N	096:19:40.20 W
Summer	LYG	5647	SCHED	08/06/2020 20:58:47	3	0	174	66	065:25:32.40 N	096:14:53.39 W
Summer	LYG	5647	ARRIVAL	08/06/2020 20:59:22	2	0	173	66	065:25:32.40 N	096:14:53.39 W
Summer	LYG	5647	DEPARTURE	08/06/2020 21:00:36	3	70	270	333	065:25:43.20 N	096:14:30.00 W
Summer	LYG	5647	SCHED	08/06/2020 21:02:47	4	28	207	30	065:26:10.20 N	096:21:05.40 W
Summer	LYG	5647	ARRIVAL	08/06/2020 21:03:55	3	0	192	136	065:26:10.80 N	096:21:00.00 W
Summer	LYG	5647	XML_FLIGHT_SUMMARY	08/06/2020 21:03:56	0	0	0	0		
Summer	LYG	5648	DEPARTURE	08/06/2020 21:04:54	4	64	273	349	065:26:23.99 N	096:20:44.40 W
Summer	LYG	5648	SCHED	08/06/2020 21:06:59	5	132	399	257	065:25:39.59 N	096:30:53.39 W
Summer	LYG	5648	SCHED	08/06/2020 21:09:05	6	78	241	201	065:24:40.79 N	096:40:43.79 W
Summer	LYG	5648	ARRIVAL	08/06/2020 21:10:43	4	0	163	248	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5648	XML_FLIGHT_SUMMARY	08/06/2020 21:10:44	0	0	0	0		
Summer	LYG	5649	POWER_ON	08/06/2020 23:09:01	NA	NA	NA	NA		
Summer	LYG	5649	SCHED	08/06/2020 23:09:57	1	1	165	19	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5649	DEPARTURE	08/06/2020 23:10:21	1	60	240	107	065:24:16.80 N	096:39:58.20 W
Summer	LYG	5649	SCHED	08/06/2020 23:12:26	2	107	487	143	065:21:30.60 N	096:35:03.60 W
Summer	LYG	5649	SCHED	08/06/2020 23:14:33	3	116	596	146	065:18:23.39 N	096:29:42.00 W
Summer	LYG	5649	SCHED	08/06/2020 23:16:39	4	60	200	98	065:15:23.40 N	096:24:22.19 W
Summer	LYG	5649	ARRIVAL	08/06/2020 23:18:44	1	0	131	331	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5649	XML_FLIGHT_SUMMARY	08/06/2020 23:18:45	0	0	0	0		
Summer	LYG	5650	DEPARTURE	08/06/2020 23:22:19	2	61	218	308	065:15:40.80 N	096:24:02.39 W
Summer	LYG	5650	SCHED	08/06/2020 23:24:30	5	120	556	319	065:18:32.39 N	096:28:56.39 W
Summer	LYG	5650	SCHED	08/06/2020 23:26:35	6	121	531	327	065:22:04.79 N	096:35:01.79 W
Summer	LYG	5650	SCHED	08/06/2020 23:28:41	7	62	284	65	065:25:13.19 N	096:39:12.60 W
Summer	LYG	5650	SCHED	08/06/2020 23:30:46	8	55	358	105	065:24:54.00 N	096:39:18.00 W
Summer	LYG	5650	SCHED	08/06/2020 23:33:04	9	74	223	220	065:24:38.40 N	096:40:31.79 W
Summer	LYG	5650	ARRIVAL	08/06/2020 23:34:26	2	0	161	263	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5650	XML_FLIGHT_SUMMARY	08/06/2020 23:34:27	0	0	0	0		
Summer	LYG	5651	POWER_ON	08/07/2020 11:05:24	NA	NA	NA	NA		
Summer	LYG	5651	SCHED	08/07/2020 11:06:21	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5651	DEPARTURE	08/07/2020 11:08:15	1	98	164	149	065:23:25.20 N	096:37:47.99 W
Summer	LYG	5651	SCHED	08/07/2020 11:10:24	2	102	317	143	065:20:15.59 N	096:32:49.79 W
Summer	LYG	5651	SCHED	08/07/2020 11:12:30	3	103	312	134	065:17:34.20 N	096:26:52.19 W
Summer	LYG	5651	SCHED	08/07/2020 11:14:36	4	2	130	36	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5651	ARRIVAL	08/07/2020 11:15:51	1	0	131	166	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5651	XML_FLIGHT_SUMMARY	08/07/2020 11:15:52	0	0	0	0		
Summer	LYG	5651	SCHED	08/07/2020 11:21:00	5	0	129	166	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5651	SCHED	08/07/2020 11:26:11	6	0	129	166	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5652	DEPARTURE	08/07/2020 11:29:42	2	65	216	351	065:15:43.80 N	096:23:33.00 W
Summer	LYG	5652	SCHED	08/07/2020 11:33:25	7	108	316	317	065:19:52.80 N	096:32:34.19 W
Summer	LYG	5652	SCHED	08/07/2020 11:35:32	8	117	298	336	065:24:11.39 N	096:38:35.99 W
Summer	LYG	5652	SCHED	08/07/2020 11:37:41	9	0	161	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5652	ARRIVAL	08/07/2020 11:37:46	2	0	161	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5652	XML_FLIGHT_SUMMARY	08/07/2020 11:37:47	0	0	0	0		
Summer	LYG	5653	POWER_ON	08/07/2020 12:06:21	NA	NA	NA	NA		
Summer	LYG	5653	SCHED	08/07/2020 12:07:13	1	1	170	223	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5653	DEPARTURE	08/07/2020 12:08:14	1	65	284	97	065:24:15.59 N	096:39:54.59 W
Summer	LYG	5653	SCHED	08/07/2020 12:10:24	2	89	298	147	065:22:04.79 N	096:35:45.60 W
Summer	LYG	5653	SCHED	08/07/2020 12:12:34	3	85	291	129	065:19:36.60 N	096:31:07.80 W
Summer	LYG	5653	SCHED	08/07/2020 12:14:40	4	93	289	153	065:17:20.40 N	096:25:55.20 W
Summer	LYG	5653	SCHED	08/07/2020 12:16:47	5	1	170	340	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5653	SCHED	08/07/2020 12:18:53	6	13	191	147	065:15:29.40 N	096:23:47.39 W
Summer	LYG	5653	SCHED	08/07/2020 12:22:32	7	76	290	318	065:18:18.59 N	096:28:28.20 W
Summer	LYG	5653	SCHED	08/07/2020 12:24:40	8	73	300	313	065:20:21.59 N	096:33:16.79 W
Summer	LYG	5653	SCHED	08/07/2020 12:26:51	9	69	294	325	065:22:00.59 N	096:36:51.59 W
Summer	LYG	5653	SCHED	08/07/2020 12:29:01	10	48	283	351	065:23:41.99 N	096:38:02.39 W
Summer	LYG	5653	SCHED	08/07/2020 12:31:09	11	13	220	204	065:24:19.80 N	096:40:38.40 W
Summer	LYG	5653	SCHED	08/07/2020 12:33:15	12	0	165	10	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5653	ARRIVAL	08/07/2020 12:33:26	1	0	166	10	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5653	XML_FLIGHT_SUMMARY	08/07/2020 12:33:27	0	0	0	0		
Summer	LYG	5654	POWER_ON	08/07/2020 14:24:06	NA	NA	NA	NA		
Summer	LYG	5654	SCHED	08/07/2020 14:25:01	1	36	190	105	065:24:16.80 N	096:40:30.60 W
Summer	LYG	5654	DEPARTURE	08/07/2020 14:25:06	1	61	258	85	065:24:16.80 N	096:39:55.79 W
Summer	LYG	5654	SCHED	08/07/2020 14:27:11	2	110	337	71	065:25:00.00 N	096:31:40.20 W
Summer	LYG	5654	SCHED	08/07/2020 14:29:17	3	59	240	115	065:26:03.59 N	096:23:18.59 W
Summer	LYG	5654	ARRIVAL	08/07/2020 14:30:49	1	0	182	208	065:25:52.20 N	096:23:52.19 W
Summer	LYG	5654	XML_FLIGHT_SUMMARY	08/07/2020 14:30:50	0	0	0	0		
Summer	LYG	5655	DEPARTURE	08/07/2020 14:31:49	2	62	244	244	065:25:48.00 N	096:24:33.00 W
Summer	LYG	5655	SCHED	08/07/2020 14:33:55	4	106	316	264	065:25:00.00 N	096:32:18.59 W
Summer	LYG	5655	SCHED	08/07/2020 14:36:01	5	51	199	199	065:24:27.60 N	096:40:32.39 W
Summer	LYG	5655	ARRIVAL	08/07/2020 14:37:19	2	0	160	293	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5655	XML_FLIGHT_SUMMARY	08/07/2020 14:37:20	0	0	0	0		
Summer	LYG	5656	DEPARTURE	08/07/2020 14:38:34	3	63	276	98	065:24:16.19 N	096:39:57.00 W
Summer	LYG	5656	SCHED	08/07/2020 14:40:44	6	95	360	150	065:21:44.40 N	096:35:50.40 W
Summer	LYG	5656	SCHED	08/07/2020 14:42:56	7	96	379	139	065:18:57.60 N	096:31:06.60 W
Summer	LYG	5656	SCHED	08/07/2020 14:45:05	8	94	351	134	065:16:23.99 N	096:25:30.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5656	SCHED	08/07/2020 14:47:13	9	1	170	274	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5656	SCHED	08/07/2020 14:49:19	10	103	390	321	065:17:19.79 N	096:26:23.99 W
Summer	LYG	5656	SCHED	08/07/2020 14:51:29	11	99	401	318	065:19:53.99 N	096:32:06.60 W
Summer	LYG	5656	SCHED	08/07/2020 14:53:35	12	104	403	333	065:23:01.79 N	096:36:41.40 W
Summer	LYG	5656	SCHED	08/07/2020 14:55:45	13	20	238	232	065:24:37.19 N	096:40:55.20 W
Summer	LYG	5656	SCHED	08/07/2020 14:57:54	14	78	406	146	065:24:02.39 N	096:38:25.80 W
Summer	LYG	5656	SCHED	08/07/2020 15:00:17	15	90	437	156	065:21:18.59 N	096:34:29.39 W
Summer	LYG	5656	SCHED	08/07/2020 15:02:29	16	94	399	137	065:18:25.20 N	096:29:20.40 W
Summer	LYG	5656	SCHED	08/07/2020 15:04:35	17	72	347	151	065:15:58.19 N	096:24:20.40 W
Summer	LYG	5656	SCHED	08/07/2020 15:06:43	18	4	176	135	065:15:29.40 N	096:23:49.20 W
Summer	LYG	5656	SCHED	08/07/2020 15:08:50	19	83	391	322	065:16:50.39 N	096:25:08.39 W
Summer	LYG	5656	SCHED	08/07/2020 15:10:58	20	90	393	323	065:19:17.39 N	096:29:40.79 W
Summer	LYG	5656	SCHED	08/07/2020 15:13:05	21	88	377	323	065:21:45.00 N	096:34:05.99 W
Summer	LYG	5656	SCHED	08/07/2020 15:15:11	22	87	363	317	065:24:19.80 N	096:38:00.00 W
Summer	LYG	5656	SCHED	08/07/2020 15:17:24	23	1	201	247	065:24:34.19 N	096:41:01.80 W
Summer	LYG	5656	SCHED	08/07/2020 15:19:33	24	2	178	42	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5656	ARRIVAL	08/07/2020 15:20:37	3	0	156	109	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5656	XML_FLIGHT_SUMMARY	08/07/2020 15:20:38	0	0	0	0		
Summer	LYG	5657	POWER_ON	08/07/2020 18:52:54	NA	NA	NA	NA		
Summer	LYG	5657	SCHED	08/07/2020 18:53:47	1	57	182	88	065:24:16.80 N	096:40:10.80 W
Summer	LYG	5657	DEPARTURE	08/07/2020 18:53:55	1	70	191	98	065:24:16.19 N	096:39:54.59 W
Summer	LYG	5657	SCHED	08/07/2020 18:56:00	2	107	401	141	065:21:15.00 N	096:34:46.79 W
Summer	LYG	5657	SCHED	08/07/2020 18:58:06	3	113	492	139	065:18:27.59 N	096:28:56.99 W
Summer	LYG	5657	SCHED	08/07/2020 19:00:16	4	76	276	174	065:15:25.20 N	096:25:44.39 W
Summer	LYG	5657	ARRIVAL	08/07/2020 19:02:11	1	0	150	296	065:15:09.60 N	096:25:34.19 W
Summer	LYG	5657	XML_FLIGHT_SUMMARY	08/07/2020 19:02:12	0	0	0	0		
Summer	LYG	5658	POWER_ON	08/07/2020 19:16:16	NA	NA	NA	NA		
Summer	LYG	5658	SCHED	08/07/2020 19:17:00	1	0	145	0	065:15:09.60 N	096:25:34.19 W
Summer	LYG	5658	DEPARTURE	08/07/2020 19:17:39	1	64	231	291	065:15:02.39 N	096:26:09.60 W
Summer	LYG	5658	SCHED	08/07/2020 19:19:50	2	128	506	328	065:18:26.40 N	096:31:25.79 W
Summer	LYG	5658	SCHED	08/07/2020 19:22:00	3	130	490	335	065:22:27.60 N	096:37:00.00 W
Summer	LYG	5658	SCHED	08/07/2020 19:24:06	4	5	169	245	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5658	ARRIVAL	08/07/2020 19:24:58	1	0	162	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5658	XML_FLIGHT_SUMMARY	08/07/2020 19:24:59	0	0	0	0		
Summer	LYG	5659	POWER_ON	08/07/2020 20:55:28	NA	NA	NA	NA		
Summer	LYG	5659	SCHED	08/07/2020 20:56:27	1	0	167	181	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5659	DEPARTURE	08/07/2020 20:56:51	1	61	241	79	065:24:18.60 N	096:39:57.00 W
Summer	LYG	5659	SCHED	08/07/2020 20:59:03	2	117	569	77	065:25:12.59 N	096:31:11.40 W
Summer	LYG	5659	SCHED	08/07/2020 21:01:13	3	70	296	80	065:26:08.39 N	096:22:55.20 W
Summer	LYG	5659	SCHED	08/07/2020 21:03:20	4	0	192	187	065:26:35.99 N	096:19:54.59 W
Summer	LYG	5659	ARRIVAL	08/07/2020 21:03:46	1	0	192	187	065:26:35.99 N	096:19:54.59 W
Summer	LYG	5659	XML_FLIGHT_SUMMARY	08/07/2020 21:03:47	0	0	0	0		
Summer	LYG	5660	DEPARTURE	08/07/2020 21:04:31	2	69	247	36	065:26:48.00 N	096:19:19.19 W
Summer	LYG	5660	ARRIVAL	08/07/2020 21:06:08	2	0	182	56	065:27:05.39 N	096:18:37.19 W
Summer	LYG	5660	DEPARTURE	08/07/2020 21:07:15	3	56	242	235	065:26:51.00 N	096:18:47.39 W
Summer	LYG	5660	ARRIVAL	08/07/2020 21:09:26	3	0	189	137	065:26:14.39 N	096:21:01.20 W
Summer	LYG	5660	DEPARTURE	08/07/2020 21:10:17	4	40	220	267	065:26:18.00 N	096:21:36.60 W
Summer	LYG	5660	ARRIVAL	08/07/2020 21:11:28	4	0	193	154	065:26:15.00 N	096:21:49.79 W
Summer	LYG	5660	DEPARTURE	08/07/2020 21:12:06	5	57	238	209	065:26:00.00 N	096:22:15.59 W
Summer	LYG	5660	ARRIVAL	08/07/2020 21:13:44	5	0	190	65	065:25:46.79 N	096:22:21.59 W
Summer	LYG	5660	DEPARTURE	08/07/2020 21:14:33	6	63	277	251	065:25:34.79 N	096:22:49.79 W
Summer	LYG	5660	SCHED	08/07/2020 21:16:48	5	118	424	264	065:25:13.80 N	096:32:01.19 W
Summer	LYG	5660	SCHED	08/07/2020 21:18:57	6	38	188	194	065:24:24.60 N	096:40:37.20 W
Summer	LYG	5660	ARRIVAL	08/07/2020 21:20:14	6	0	159	303	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5660	XML_FLIGHT_SUMMARY	08/07/2020 21:20:15	0	0	0	0		
Summer	LYG	5661	POWER_ON	08/07/2020 22:28:04	NA	NA	NA	NA		
Summer	LYG	5661	SCHED	08/07/2020 22:29:37	1	16	209	120	065:24:17.39 N	096:40:37.80 W
Summer	LYG	5661	DEPARTURE	08/07/2020 22:29:54	1	66	263	101	065:24:16.80 N	096:39:54.00 W
Summer	LYG	5661	SCHED	08/07/2020 22:32:02	2	96	445	146	065:21:26.39 N	096:35:23.39 W
Summer	LYG	5661	SCHED	08/07/2020 22:34:15	3	97	498	132	065:18:50.99 N	096:29:47.39 W
Summer	LYG	5661	SCHED	08/07/2020 22:36:24	4	82	372	149	065:16:08.99 N	096:24:20.40 W
Summer	LYG	5661	SCHED	08/07/2020 22:38:31	5	1	169	267	065:15:30.00 N	096:23:48.60 W
Summer	LYG	5661	SCHED	08/07/2020 22:40:38	6	106	474	320	065:17:32.39 N	096:26:43.79 W
Summer	LYG	5661	SCHED	08/07/2020 22:42:50	7	110	527	321	065:20:24.00 N	096:32:48.00 W
Summer	LYG	5661	SCHED	08/07/2020 22:44:56	8	105	382	331	065:23:43.80 N	096:37:45.00 W
Summer	LYG	5661	SCHED	08/07/2020 22:47:03	9	1	195	210	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5661	ARRIVAL	08/07/2020 22:48:48	1	0	160	129	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5661	XML_FLIGHT_SUMMARY	08/07/2020 22:48:49	0	0	0	0		
Summer	LYG	5662	POWER_ON	08/07/2020 23:14:11	NA	NA	NA	NA		
Summer	LYG	5662	SCHED	08/07/2020 23:15:10	1	31	184	116	065:24:16.80 N	096:40:33.60 W
Summer	LYG	5662	DEPARTURE	08/07/2020 23:16:36	1	65	239	103	065:24:15.00 N	096:39:56.39 W
Summer	LYG	5662	DEPARTURE	08/07/2020 23:16:53	1	65	239	103	065:24:15.00 N	096:39:56.39 W
Summer	LYG	5662	SCHED	08/07/2020 23:18:58	2	115	461	143	065:19:00.00 N	096:30:00.60 W
Summer	LYG	5662	SCHED	08/07/2020 23:21:04	3	87	256	144	065:15:52.80 N	096:24:35.99 W
Summer	LYG	5662	ARRIVAL	08/07/2020 23:22:44	1	0	128	344	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5662	XML_FLIGHT_SUMMARY	08/07/2020 23:22:45	0	0	0	0		
Summer	LYG	5662	SCHED	08/07/2020 23:27:56	4	42	150	197	065:15:23.99 N	096:23:52.19 W
Summer	LYG	5663	DEPARTURE	08/07/2020 23:28:05	2	67	189	285	065:15:19.79 N	096:24:20.40 W
Summer	LYG	5663	SCHED	08/07/2020 23:30:12	5	132	411	328	065:18:33.59 N	096:29:36.59 W
Summer	LYG	5663	SCHED	08/07/2020 23:32:17	6	133	421	327	065:22:25.20 N	096:35:55.80 W
Summer	LYG	5663	SCHED	08/07/2020 23:34:32	7	2	161	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5663	ARRIVAL	08/07/2020 23:35:17	2	0	162	325	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5663	XML_FLIGHT_SUMMARY	08/07/2020 23:35:18	0	0	0	0		
Summer	LYG	5664	POWER_ON	08/08/2020 16:14:16	NA	NA	NA	NA		
Summer	LYG	5664	SCHED	08/08/2020 16:15:13	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5664	DEPARTURE	08/08/2020 16:15:47	1	56	158	131	065:24:11.39 N	096:39:46.20 W
Summer	LYG	5664	SCHED	08/08/2020 16:17:55	2	81	201	151	065:22:00.59 N	096:36:43.19 W
Summer	LYG	5664	SCHED	08/08/2020 16:20:06	3	73	195	137	065:20:27.00 N	096:33:39.60 W
Summer	LYG	5664	SCHED	08/08/2020 16:22:17	4	64	179	115	065:19:15.00 N	096:28:30.60 W
Summer	LYG	5664	SCHED	08/08/2020 16:24:25	5	72	170	164	065:17:54.60 N	096:24:03.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5664	SCHED	08/08/2020 16:26:31	6	25	144	216	065:15:30.59 N	096:23:43.79 W
Summer	LYG	5664	ARRIVAL	08/08/2020 16:27:52	1	0	131	312	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5664	XML_FLIGHT_SUMMARY	08/08/2020 16:27:53	0	0	0	0		
Summer	LYG	5665	POWER_ON	08/08/2020 16:41:18	NA	NA	NA	NA		
Summer	LYG	5665	SCHED	08/08/2020 16:42:21	1	67	197	274	065:15:21.60 N	096:24:21.00 W
Summer	LYG	5665	DEPARTURE	08/08/2020 16:42:26	1	72	208	286	065:15:22.79 N	096:24:29.40 W
Summer	LYG	5665	SCHED	08/08/2020 16:44:32	2	122	235	322	065:18:40.80 N	096:31:31.79 W
Summer	LYG	5665	SCHED	08/08/2020 16:46:45	3	118	229	327	065:22:21.59 N	096:36:47.39 W
Summer	LYG	5665	SCHED	08/08/2020 16:49:05	4	6	164	221	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5665	ARRIVAL	08/08/2020 16:49:46	1	0	168	273	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5665	XML_FLIGHT_SUMMARY	08/08/2020 16:49:47	0	0	0	0		
Summer	LYG	5666	POWER_ON	08/08/2020 18:20:58	NA	NA	NA	NA		
Summer	LYG	5666	SCHED	08/08/2020 18:21:42	1	0	164	243	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5666	DEPARTURE	08/08/2020 18:23:13	1	49	250	323	065:24:31.19 N	096:40:36.59 W
Summer	LYG	5666	SCHED	08/08/2020 18:25:22	2	61	327	141	065:24:12.59 N	096:39:38.40 W
Summer	LYG	5666	SCHED	08/08/2020 18:27:35	3	88	425	143	065:21:57.60 N	096:36:00.60 W
Summer	LYG	5666	SCHED	08/08/2020 18:29:41	4	86	494	138	065:19:30.59 N	096:31:25.20 W
Summer	LYG	5666	SCHED	08/08/2020 18:31:46	5	87	494	139	065:17:19.20 N	096:26:32.99 W
Summer	LYG	5666	SCHED	08/08/2020 18:33:52	6	13	204	179	065:15:32.39 N	096:23:50.40 W
Summer	LYG	5666	SCHED	08/08/2020 18:36:01	7	77	326	325	065:16:01.80 N	096:24:07.80 W
Summer	LYG	5666	SCHED	08/08/2020 18:38:07	8	107	498	323	065:18:40.80 N	096:29:16.79 W
Summer	LYG	5666	SCHED	08/08/2020 18:40:13	9	105	486	329	065:21:39.60 N	096:34:39.60 W
Summer	LYG	5666	SCHED	08/08/2020 18:42:22	10	86	347	308	065:24:36.60 N	096:39:38.40 W
Summer	LYG	5666	SCHED	08/08/2020 18:44:28	11	26	236	170	065:24:24.00 N	096:40:37.80 W
Summer	LYG	5666	SCHED	08/08/2020 18:46:35	12	0	170	99	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5666	ARRIVAL	08/08/2020 18:47:18	1	0	171	99	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5666	XML_FLIGHT_SUMMARY	08/08/2020 18:47:19	0	0	0	0		
Summer	LYG	5667	POWER_ON	08/08/2020 20:02:07	NA	NA	NA	NA		
Summer	LYG	5667	SCHED	08/08/2020 20:03:01	1	11	173	102	065:24:18.00 N	096:40:38.40 W
Summer	LYG	5667	DEPARTURE	08/08/2020 20:03:18	1	68	222	105	065:24:16.19 N	096:39:52.80 W
Summer	LYG	5667	SCHED	08/08/2020 20:05:32	2	104	447	144	065:21:33.00 N	096:35:03.60 W
Summer	LYG	5667	SCHED	08/08/2020 20:07:46	3	112	483	141	065:18:24.59 N	096:29:11.40 W
Summer	LYG	5667	SCHED	08/08/2020 20:09:55	4	40	160	157	065:15:32.39 N	096:23:59.39 W
Summer	LYG	5667	ARRIVAL	08/08/2020 20:11:39	1	0	135	10	065:15:29.40 N	096:23:50.40 W
Summer	LYG	5667	XML_FLIGHT_SUMMARY	08/08/2020 20:11:40	0	0	0	0		
Summer	LYG	5668	POWER_ON	08/08/2020 22:11:45	NA	NA	NA	NA		
Summer	LYG	5668	DEPARTURE	08/08/2020 22:12:56	1	38	157	227	065:15:24.59 N	096:24:26.39 W
Summer	LYG	5668	SCHED	08/08/2020 22:13:06	1	9	132	213	065:15:15.00 N	096:24:43.79 W
Summer	LYG	5668	ARRIVAL	08/08/2020 22:14:05	1	0	131	254	065:15:14.40 N	096:24:45.00 W
Summer	LYG	5668	DEPARTURE	08/08/2020 22:16:57	2	74	183	333	065:15:22.20 N	096:24:46.79 W
Summer	LYG	5668	SCHED	08/08/2020 22:19:08	2	130	397	325	065:18:46.80 N	096:30:22.20 W
Summer	LYG	5668	SCHED	08/08/2020 22:21:16	3	127	396	332	065:22:45.60 N	096:36:24.59 W
Summer	LYG	5668	SCHED	08/08/2020 22:23:24	4	0	163	300	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5668	ARRIVAL	08/08/2020 22:24:00	2	0	162	300	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5668	XML_FLIGHT_SUMMARY	08/08/2020 22:24:01	0	0	0	0		
Summer	LYG	5669	DEPARTURE	08/08/2020 22:26:47	3	56	285	97	065:24:15.59 N	096:39:56.39 W
Summer	LYG	5669	SCHED	08/08/2020 22:28:55	5	72	391	152	065:22:24.00 N	096:36:49.79 W
Summer	LYG	5669	SCHED	08/08/2020 22:31:05	6	76	444	138	065:20:21.00 N	096:33:05.40 W
Summer	LYG	5669	SCHED	08/08/2020 22:33:11	7	76	438	138	065:18:21.00 N	096:28:44.39 W
Summer	LYG	5669	SCHED	08/08/2020 22:35:19	8	66	360	143	065:16:19.20 N	096:24:49.20 W
Summer	LYG	5669	SCHED	08/08/2020 22:37:27	9	0	174	224	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5669	SCHED	08/08/2020 22:39:32	10	88	352	319	065:16:12.60 N	096:23:58.20 W
Summer	LYG	5669	SCHED	08/08/2020 22:41:42	11	108	463	317	065:18:51.60 N	096:29:41.39 W
Summer	LYG	5669	SCHED	08/08/2020 22:43:51	12	112	482	329	065:22:01.79 N	096:35:26.99 W
Summer	LYG	5669	SCHED	08/08/2020 22:45:56	13	46	256	214	065:24:28.19 N	096:40:26.99 W
Summer	LYG	5669	SCHED	08/08/2020 22:48:02	14	0	159	91	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5669	ARRIVAL	08/08/2020 22:48:36	3	0	158	91	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5669	XML_FLIGHT_SUMMARY	08/08/2020 22:48:37	0	0	0	0		
Summer	LYG	5670	POWER_ON	08/08/2020 23:16:05	NA	NA	NA	NA		
Summer	LYG	5670	DEPARTURE	08/08/2020 23:16:52	1	65	214	109	065:24:15.59 N	096:39:54.00 W
Summer	LYG	5670	SCHED	08/08/2020 23:17:03	1	68	235	126	065:24:12.00 N	096:39:42.60 W
Summer	LYG	5670	SCHED	08/08/2020 23:19:12	2	102	515	144	065:21:08.39 N	096:34:28.80 W
Summer	LYG	5670	SCHED	08/08/2020 23:21:21	3	114	510	138	065:18:07.80 N	096:28:48.00 W
Summer	LYG	5670	SCHED	08/08/2020 23:23:31	4	21	148	171	065:15:31.20 N	096:23:54.59 W
Summer	LYG	5670	ARRIVAL	08/08/2020 23:24:52	1	0	131	285	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5670	XML_FLIGHT_SUMMARY	08/08/2020 23:24:53	0	0	0	0		
Summer	LYG	5671	DEPARTURE	08/08/2020 23:29:13	2	64	198	324	065:15:30.59 N	096:24:15.59 W
Summer	LYG	5671	SCHED	08/08/2020 23:31:24	5	131	457	325	065:18:49.79 N	096:29:32.39 W
Summer	LYG	5671	SCHED	08/08/2020 23:33:29	6	130	462	323	065:22:44.40 N	096:36:06.59 W
Summer	LYG	5671	SCHED	08/08/2020 23:35:35	7	0	161	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5671	ARRIVAL	08/08/2020 23:36:13	2	0	161	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5671	XML_FLIGHT_SUMMARY	08/08/2020 23:36:14	0	0	0	0		
Summer	LYG	5672	POWER_ON	08/09/2020 11:04:40	NA	NA	NA	NA		
Summer	LYG	5672	SCHED	08/09/2020 11:05:31	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5672	DEPARTURE	08/09/2020 11:07:32	1	110	160	140	065:22:46.19 N	096:36:51.59 W
Summer	LYG	5672	SCHED	08/09/2020 11:09:49	2	116	513	134	065:19:49.79 N	096:30:41.39 W
Summer	LYG	5672	SCHED	08/09/2020 11:11:58	3	101	293	172	065:16:17.39 N	096:24:39.59 W
Summer	LYG	5672	ARRIVAL	08/09/2020 11:13:58	1	0	127	313	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5672	XML_FLIGHT_SUMMARY	08/09/2020 11:13:59	0	0	0	0		
Summer	LYG	5673	DEPARTURE	08/09/2020 11:18:44	2	73	193	295	065:15:22.20 N	096:24:23.39 W
Summer	LYG	5673	SCHED	08/09/2020 11:20:54	4	135	483	325	065:18:41.99 N	096:30:18.60 W
Summer	LYG	5673	SCHED	08/09/2020 11:23:00	5	135	375	331	065:22:46.79 N	096:36:58.20 W
Summer	LYG	5673	SCHED	08/09/2020 11:25:15	6	0	156	323	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5673	ARRIVAL	08/09/2020 11:25:49	2	0	153	323	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5673	XML_FLIGHT_SUMMARY	08/09/2020 11:25:50	0	0	0	0		
Summer	LYG	5674	DEPARTURE	08/09/2020 11:27:56	3	62	274	99	065:24:16.80 N	096:39:57.00 W
Summer	LYG	5674	SCHED	08/09/2020 11:30:05	7	100	431	142	065:21:33.00 N	096:35:07.80 W
Summer	LYG	5674	SCHED	08/09/2020 11:32:14	8	101	466	135	065:18:55.19 N	096:29:23.99 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5674	SCHED	08/09/2020 11:34:19	9	87	333	151	065:16:06.60 N	096:24:26.99 W
Summer	LYG	5674	SCHED	08/09/2020 11:36:25	10	31	208	97	065:15:28.79 N	096:23:40.80 W
Summer	LYG	5674	SCHED	08/09/2020 11:38:31	11	113	481	322	065:17:58.19 N	096:27:43.79 W
Summer	LYG	5674	SCHED	08/09/2020 11:40:38	12	114	504	321	065:21:07.20 N	096:33:34.79 W
Summer	LYG	5674	SCHED	08/09/2020 11:42:49	13	102	361	319	065:24:21.60 N	096:38:53.40 W
Summer	LYG	5674	SCHED	08/09/2020 11:45:00	14	17	217	122	065:24:17.39 N	096:40:37.20 W
Summer	LYG	5674	SCHED	08/09/2020 11:47:12	15	83	431	140	065:22:34.19 N	096:36:30.60 W
Summer	LYG	5674	SCHED	08/09/2020 11:49:19	16	87	555	138	065:20:23.39 N	096:31:22.80 W
Summer	LYG	5674	SCHED	08/09/2020 11:51:25	17	88	514	148	065:17:51.60 N	096:27:17.40 W
Summer	LYG	5674	SCHED	08/09/2020 11:53:30	18	48	324	158	065:15:44.39 N	096:23:55.20 W
Summer	LYG	5674	SCHED	08/09/2020 11:55:50	19	71	266	336	065:15:50.99 N	096:23:30.60 W
Summer	LYG	5674	SCHED	08/09/2020 11:58:01	20	105	513	318	065:18:43.80 N	096:29:15.00 W
Summer	LYG	5674	SCHED	08/09/2020 12:00:13	21	105	549	326	065:21:41.40 N	096:34:44.39 W
Summer	LYG	5674	SCHED	08/09/2020 12:02:19	22	79	339	295	065:24:46.20 N	096:39:51.59 W
Summer	LYG	5674	SCHED	08/09/2020 12:04:24	23	8	207	88	065:24:34.79 N	096:40:58.80 W
Summer	LYG	5674	SCHED	08/09/2020 12:06:31	24	83	410	150	065:23:09.00 N	096:37:21.59 W
Summer	LYG	5674	SCHED	08/09/2020 12:08:42	25	83	485	138	065:20:40.80 N	096:33:42.60 W
Summer	LYG	5674	SCHED	08/09/2020 12:10:52	26	86	493	144	065:18:28.20 N	096:28:46.79 W
Summer	LYG	5674	SCHED	08/09/2020 12:12:57	27	64	383	144	065:16:04.79 N	096:24:38.40 W
Summer	LYG	5674	SCHED	08/09/2020 12:15:02	28	1	168	156	065:15:30.00 N	096:23:50.40 W
Summer	LYG	5674	SCHED	08/09/2020 12:17:12	29	106	501	318	065:17:32.39 N	096:27:09.60 W
Summer	LYG	5674	SCHED	08/09/2020 12:19:20	30	110	589	324	065:20:30.00 N	096:32:47.39 W
Summer	LYG	5674	SCHED	08/09/2020 12:21:33	31	108	453	330	065:23:50.40 N	096:37:28.20 W
Summer	LYG	5674	SCHED	08/09/2020 12:23:42	32	2	195	200	065:24:34.79 N	096:41:01.20 W
Summer	LYG	5674	SCHED	08/09/2020 12:26:11	33	0	161	92	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5674	ARRIVAL	08/09/2020 12:26:27	3	0	161	92	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5674	XML_FLIGHT_SUMMARY	08/09/2020 12:26:28	0	0	0	0		
Summer	LYG	5675	POWER_ON	08/09/2020 12:39:12	NA	NA	NA	NA		
Summer	LYG	5675	SCHED	08/09/2020 12:40:08	1	61	215	73	065:24:16.80 N	096:40:09.00 W
Summer	LYG	5675	DEPARTURE	08/09/2020 12:41:05	1	69	244	44	065:24:20.99 N	096:39:56.39 W
Summer	LYG	5675	SCHED	08/09/2020 12:43:14	2	130	474	298	065:27:20.40 N	096:52:01.20 W
Summer	LYG	5675	SCHED	08/09/2020 12:45:25	3	117	378	287	065:29:32.39 N	097:01:27.60 W
Summer	LYG	5675	ARRIVAL	08/09/2020 12:47:17	1	0	144	161	065:29:45.00 N	097:01:31.20 W
Summer	LYG	5675	XML_FLIGHT_SUMMARY	08/09/2020 12:47:18	0	0	0	0		
Summer	LYG	5676	DEPARTURE	08/09/2020 12:48:17	2	71	221	286	065:29:37.20 N	097:01:49.79 W
Summer	LYG	5676	SCHED	08/09/2020 12:50:23	4	124	369	273	065:30:07.80 N	097:11:03.59 W
Summer	LYG	5676	SCHED	08/09/2020 12:52:35	5	0	163	125	065:30:44.39 N	097:14:39.59 W
Summer	LYG	5676	ARRIVAL	08/09/2020 12:53:02	2	0	163	125	065:30:44.39 N	097:14:39.59 W
Summer	LYG	5676	XML_FLIGHT_SUMMARY	08/09/2020 12:53:03	0	0	0	0		
Summer	LYG	5677	DEPARTURE	08/09/2020 12:54:04	3	35	191	94	065:30:42.59 N	097:13:59.39 W
Summer	LYG	5677	ARRIVAL	08/09/2020 12:55:05	3	0	175	46	065:30:42.00 N	097:13:49.79 W
Summer	LYG	5677	POWER_ON	08/09/2020 15:54:00	NA	NA	NA	NA		
Summer	LYG	5677	POWER_ON	08/09/2020 15:56:26	NA	NA	NA	NA		
Summer	LYG	5677	POWER_ON	08/09/2020 21:02:10	NA	NA	NA	NA		
Summer	LYG	5677	SCHED	08/09/2020 21:03:04	1	13	174	103	065:24:18.00 N	096:40:38.40 W
Summer	LYG	5677	DEPARTURE	08/09/2020 21:03:22	1	70	237	41	065:24:24.00 N	096:39:59.39 W
Summer	LYG	5677	SCHED	08/09/2020 21:05:29	2	128	483	298	065:26:32.99 N	096:48:03.60 W
Summer	LYG	5677	SCHED	08/09/2020 21:07:35	3	130	540	284	065:28:00.00 N	096:58:35.40 W
Summer	LYG	5677	SCHED	08/09/2020 21:09:40	4	117	396	272	065:29:05.39 N	097:09:25.20 W
Summer	LYG	5677	SCHED	08/09/2020 21:12:05	5	0	154	150	065:28:39.59 N	097:11:04.79 W
Summer	LYG	5677	ARRIVAL	08/09/2020 21:12:26	1	0	154	150	065:28:39.59 N	097:11:04.79 W
Summer	LYG	5677	XML_FLIGHT_SUMMARY	08/09/2020 21:12:27	0	0	0	0		
Summer	LYG	5678	DEPARTURE	08/09/2020 21:12:56	2	87	224	324	065:28:54.59 N	097:11:01.80 W
Summer	LYG	5678	SCHED	08/09/2020 21:15:02	6	0	157	123	065:30:00.60 N	097:14:18.00 W
Summer	LYG	5678	ARRIVAL	08/09/2020 21:15:38	2	0	156	123	065:30:00.60 N	097:14:17.39 W
Summer	LYG	5678	DEPARTURE	08/09/2020 21:16:54	3	42	193	137	065:29:42.00 N	097:13:25.20 W
Summer	LYG	5678	ARRIVAL	08/09/2020 21:18:06	3	0	166	11	065:29:35.40 N	097:13:07.19 W
Summer	LYG	5678	DEPARTURE	08/09/2020 21:23:13	4	81	216	304	065:29:53.39 N	097:12:37.80 W
Summer	LYG	5678	SCHED	08/09/2020 21:25:19	7	39	180	141	065:29:36.00 N	097:12:46.20 W
Summer	LYG	5678	ARRIVAL	08/09/2020 21:27:15	4	0	162	255	065:29:33.59 N	097:12:49.79 W
Summer	LYG	5678	DEPARTURE	08/09/2020 21:28:17	5	66	229	120	065:29:25.20 N	097:12:08.99 W
Summer	LYG	5678	SCHED	08/09/2020 21:30:34	8	101	389	105	065:28:20.99 N	097:04:16.20 W
Summer	LYG	5678	SCHED	08/09/2020 21:32:41	9	106	352	108	065:27:13.80 N	096:55:03.59 W
Summer	LYG	5678	SCHED	08/09/2020 21:34:55	10	106	352	109	065:25:58.20 N	096:46:39.59 W
Summer	LYG	5678	SCHED	08/09/2020 21:37:01	11	15	174	191	065:24:19.19 N	096:40:38.99 W
Summer	LYG	5678	ARRIVAL	08/09/2020 21:38:04	5	0	165	316	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5678	XML_FLIGHT_SUMMARY	08/09/2020 21:38:05	0	0	0	0		
Summer	LYG	5678	SCHED	08/09/2020 21:43:23	12	1	183	271	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5679	DEPARTURE	08/09/2020 21:44:01	6	31	243	320	065:24:32.40 N	096:40:45.60 W
Summer	LYG	5679	SCHED	08/09/2020 21:46:08	13	70	340	133	065:24:12.00 N	096:38:51.59 W
Summer	LYG	5679	SCHED	08/09/2020 21:48:16	14	81	424	138	065:22:09.00 N	096:34:53.99 W
Summer	LYG	5679	SCHED	08/09/2020 21:50:28	15	89	417	142	065:19:52.19 N	096:30:13.79 W
Summer	LYG	5679	SCHED	08/09/2020 21:52:34	16	95	396	152	065:17:04.19 N	096:25:47.39 W
Summer	LYG	5679	SCHED	08/09/2020 21:54:41	17	0	171	321	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5679	SCHED	08/09/2020 21:56:49	18	101	427	320	065:16:41.39 N	096:25:10.20 W
Summer	LYG	5679	SCHED	08/09/2020 21:59:08	19	113	494	319	065:19:37.19 N	096:31:20.40 W
Summer	LYG	5679	SCHED	08/09/2020 22:02:10	20	103	446	330	065:23:52.20 N	096:38:28.80 W
Summer	LYG	5679	SCHED	08/09/2020 22:04:18	21	1	181	271	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5679	ARRIVAL	08/09/2020 22:05:27	6	0	164	327	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5679	XML_FLIGHT_SUMMARY	08/09/2020 22:05:28	0	0	0	0		
Summer	LYG	5680	POWER_ON	08/09/2020 23:04:08	NA	NA	NA	NA		
Summer	LYG	5680	SCHED	08/09/2020 23:05:03	1	65	220	103	065:24:15.59 N	096:39:59.39 W
Summer	LYG	5680	DEPARTURE	08/09/2020 23:05:11	1	64	222	105	065:24:15.00 N	096:39:57.00 W
Summer	LYG	5680	SCHED	08/09/2020 23:07:24	2	106	481	145	065:21:04.79 N	096:34:30.00 W
Summer	LYG	5680	SCHED	08/09/2020 23:09:32	3	112	421	143	065:17:51.60 N	096:28:40.79 W
Summer	LYG	5680	SCHED	08/09/2020 23:11:42	4	21	142	79	065:15:27.60 N	096:23:54.59 W
Summer	LYG	5680	ARRIVAL	08/09/2020 23:12:49	1	0	132	240	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5680	XML_FLIGHT_SUMMARY	08/09/2020 23:12:50	0	0	0	0		
Summer	LYG	5680	SCHED	08/09/2020 23:17:55	5	0	134	240	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5680	SCHED	08/09/2020 23:23:03	6	0	133	240	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5681	DEPARTURE	08/09/2020 23:25:33	2	66	205	330	065:15:31.79 N	096:24:20.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5681	SCHED	08/09/2020 23:27:39	7	128	486	325	065:18:45.00 N	096:29:58.80 W
Summer	LYG	5681	SCHED	08/09/2020 23:29:50	8	135	464	329	065:22:37.19 N	096:36:11.39 W
Summer	LYG	5681	SCHED	08/09/2020 23:31:57	9	0	160	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5681	ARRIVAL	08/09/2020 23:32:41	2	0	160	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5681	XML_FLIGHT_SUMMARY	08/09/2020 23:32:42	0	0	0	0		
Summer	LYG	5682	POWER_ON	08/10/2020 11:10:35	NA	NA	NA	NA		
Summer	LYG	5682	SCHED	08/10/2020 11:12:59	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5682	DEPARTURE	08/10/2020 11:14:18	1	116	160	147	065:21:32.39 N	096:34:44.39 W
Summer	LYG	5682	SCHED	08/10/2020 11:16:24	2	119	400	141	065:18:10.20 N	096:28:04.79 W
Summer	LYG	5682	SCHED	08/10/2020 11:18:35	3	19	143	86	065:15:28.20 N	096:23:56.40 W
Summer	LYG	5682	ARRIVAL	08/10/2020 11:20:41	1	0	133	260	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5682	XML_FLIGHT_SUMMARY	08/10/2020 11:20:42	0	0	0	0		
Summer	LYG	5682	SCHED	08/10/2020 11:25:49	4	41	159	76	065:15:27.60 N	096:23:39.59 W
Summer	LYG	5683	DEPARTURE	08/10/2020 11:26:03	2	66	211	341	065:15:39.59 N	096:23:33.00 W
Summer	LYG	5683	SCHED	08/10/2020 11:28:09	5	134	387	314	065:18:36.00 N	096:30:11.40 W
Summer	LYG	5683	SCHED	08/10/2020 11:30:17	6	137	354	341	065:22:16.80 N	096:37:10.79 W
Summer	LYG	5683	SCHED	08/10/2020 11:32:23	7	0	161	309	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5683	ARRIVAL	08/10/2020 11:33:07	2	0	159	311	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5683	XML_FLIGHT_SUMMARY	08/10/2020 11:33:08	0	0	0	0		
Summer	LYG	5684	POWER_ON	08/10/2020 11:50:06	NA	NA	NA	NA		
Summer	LYG	5684	SCHED	08/10/2020 11:51:02	1	1	166	68	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5684	DEPARTURE	08/10/2020 11:51:24	1	70	249	115	065:24:14.39 N	096:39:54.59 W
Summer	LYG	5684	SCHED	08/10/2020 11:53:32	2	115	445	138	065:21:15.00 N	096:34:49.79 W
Summer	LYG	5684	SCHED	08/10/2020 11:55:37	3	122	444	146	065:18:07.20 N	096:28:19.79 W
Summer	LYG	5684	SCHED	08/10/2020 11:57:55	4	16	140	47	065:15:27.60 N	096:23:52.19 W
Summer	LYG	5684	ARRIVAL	08/10/2020 11:58:52	1	0	131	310	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5684	XML_FLIGHT_SUMMARY	08/10/2020 11:58:53	0	0	0	0		
Summer	LYG	5685	POWER_ON	08/10/2020 12:26:09	NA	NA	NA	NA		
Summer	LYG	5685	SCHED	08/10/2020 12:27:08	1	0	133	0	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5685	SCHED	08/10/2020 12:30:01	2	0	197	327	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5685	SCHED	08/10/2020 12:32:08	3	3	159	205	065:15:29.40 N	096:23:48.60 W
Summer	LYG	5685	SCHED	08/10/2020 12:34:15	4	1	133	268	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5685	SCHED	08/10/2020 12:36:20	5	10	136	104	065:15:20.99 N	096:24:18.00 W
Summer	LYG	5685	SCHED	08/10/2020 12:38:31	6	1	171	288	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5685	SCHED	08/10/2020 12:40:38	7	28	198	43	065:15:24.59 N	096:24:12.60 W
Summer	LYG	5685	SCHED	08/10/2020 12:42:49	8	9	176	177	065:15:22.20 N	096:24:18.00 W
Summer	LYG	5685	SCHED	08/10/2020 12:44:55	9	8	188	84	065:15:30.00 N	096:23:47.39 W
Summer	LYG	5685	SCHED	08/10/2020 12:47:01	10	2	169	175	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5685	SCHED	08/10/2020 12:49:06	11	30	201	53	065:15:31.20 N	096:23:41.99 W
Summer	LYG	5685	SCHED	08/10/2020 12:51:18	12	1	162	146	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5685	SCHED	08/10/2020 12:53:27	13	0	165	155	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5685	SCHED	08/10/2020 12:55:33	14	1	167	192	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5685	SCHED	08/10/2020 12:57:40	15	54	256	307	065:15:40.80 N	096:23:50.99 W
Summer	LYG	5685	SCHED	08/10/2020 12:59:49	16	30	200	56	065:15:30.59 N	096:23:57.60 W
Summer	LYG	5685	SCHED	08/10/2020 13:01:59	17	37	217	14	065:15:37.79 N	096:23:20.40 W
Summer	LYG	5685	SCHED	08/10/2020 13:04:04	18	5	171	83	065:15:21.60 N	096:24:19.79 W
Summer	LYG	5685	SCHED	08/10/2020 13:06:18	19	61	259	327	065:15:45.00 N	096:23:30.00 W
Summer	LYG	5685	SCHED	08/10/2020 13:08:44	20	4	178	84	065:15:30.00 N	096:23:48.60 W
Summer	LYG	5685	SCHED	08/10/2020 13:10:53	21	115	428	319	065:17:38.39 N	096:27:24.59 W
Summer	LYG	5685	SCHED	08/10/2020 13:12:58	22	117	467	321	065:20:43.80 N	096:33:41.99 W
Summer	LYG	5685	SCHED	08/10/2020 13:15:06	23	105	392	330	065:24:03.00 N	096:38:28.80 W
Summer	LYG	5685	SCHED	08/10/2020 13:17:13	24	1	170	345	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5685	SCHED	08/10/2020 13:19:23	25	0	168	112	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5685	XML_FLIGHT_SUMMARY	08/10/2020 13:30:17	0	0	0	0		
Summer	LYG	5686	POWER_ON	08/10/2020 13:30:16	NA	NA	NA	NA		
Summer	LYG	5686	SCHED	08/10/2020 13:31:04	1	0	183	347	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5686	DEPARTURE	08/10/2020 13:31:56	1	58	308	106	065:24:16.19 N	096:39:58.20 W
Summer	LYG	5686	SCHED	08/10/2020 13:34:06	2	102	515	139	065:21:43.19 N	096:34:59.39 W
Summer	LYG	5686	SCHED	08/10/2020 13:37:17	3	106	467	144	065:18:11.99 N	096:27:46.79 W
Summer	LYG	5686	SCHED	08/10/2020 13:39:25	4	2	178	116	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5686	SCHED	08/10/2020 13:41:31	5	33	236	171	065:15:26.99 N	096:24:21.00 W
Summer	LYG	5686	SCHED	08/10/2020 13:43:37	6	1	167	133	065:15:30.00 N	096:23:50.40 W
Summer	LYG	5686	SCHED	08/10/2020 13:45:49	7	1	160	336	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5686	SCHED	08/10/2020 13:47:55	8	0	158	56	065:15:20.99 N	096:24:18.00 W
Summer	LYG	5686	SCHED	08/10/2020 13:50:01	9	62	273	246	065:15:47.39 N	096:24:09.00 W
Summer	LYG	5686	SCHED	08/10/2020 13:52:07	10	1	163	32	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5686	SCHED	08/10/2020 13:54:14	11	12	180	66	065:15:30.00 N	096:23:43.79 W
Summer	LYG	5686	SCHED	08/10/2020 13:56:22	12	7	178	119	065:15:21.60 N	096:24:19.79 W
Summer	LYG	5686	SCHED	08/10/2020 13:58:33	13	7	180	71	065:15:30.59 N	096:23:49.20 W
Summer	LYG	5686	SCHED	08/10/2020 14:05:28	14	18	193	56	065:15:30.00 N	096:23:52.80 W
Summer	LYG	5686	SCHED	08/10/2020 14:07:36	15	2	161	110	065:15:21.60 N	096:24:17.39 W
Summer	LYG	5686	SCHED	08/10/2020 14:09:41	16	38	210	64	065:15:33.59 N	096:23:34.79 W
Summer	LYG	5686	SCHED	08/10/2020 14:11:47	17	7	170	65	065:15:21.60 N	096:24:17.39 W
Summer	LYG	5686	SCHED	08/10/2020 14:13:59	18	54	271	215	065:15:39.00 N	096:24:18.60 W
Summer	LYG	5686	SCHED	08/10/2020 14:16:11	19	13	185	69	065:15:30.59 N	096:23:51.59 W
Summer	LYG	5686	SCHED	08/10/2020 14:18:17	20	6	168	151	065:15:22.20 N	096:24:18.60 W
Summer	LYG	5686	SCHED	08/10/2020 14:20:24	21	3	175	55	065:15:30.00 N	096:23:48.60 W
Summer	LYG	5686	SCHED	08/10/2020 14:22:35	22	1	163	88	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5686	SCHED	08/10/2020 14:24:41	23	61	260	264	065:15:41.40 N	096:24:01.79 W
Summer	LYG	5686	SCHED	08/10/2020 14:26:48	24	9	192	99	065:15:30.59 N	096:23:50.40 W
Summer	LYG	5686	SCHED	08/10/2020 14:28:57	25	1	163	218	065:15:21.60 N	096:24:17.39 W
Summer	LYG	5686	SCHED	08/10/2020 14:31:05	26	58	267	242	065:15:41.40 N	096:24:15.00 W
Summer	LYG	5686	SCHED	08/10/2020 14:33:09	27	2	164	348	065:15:30.00 N	096:23:49.20 W
Summer	LYG	5686	SCHED	08/10/2020 14:35:16	28	2	171	179	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5686	SCHED	08/10/2020 14:37:21	29	41	227	200	065:15:27.60 N	096:24:25.20 W
Summer	LYG	5686	SCHED	08/10/2020 14:39:27	30	32	160	71	065:15:23.40 N	096:24:13.20 W
Summer	LYG	5686	ARRIVAL	08/10/2020 14:40:54	1	0	129	339	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5686	XML_FLIGHT_SUMMARY	08/10/2020 14:40:55	0	0	0	0		
Summer	LYG	5686	SCHED	08/10/2020 14:46:05	31	0	160	347	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5687	DEPARTURE	08/10/2020 14:47:47	2	68	269	352	065:15:40.20 N	096:24:05.40 W
Summer	LYG	5687	SCHED	08/10/2020 14:49:58	32	108	526	319	065:18:23.39 N	096:29:11.99 W
Summer	LYG	5687	SCHED	08/10/2020 14:52:07	33	107	447	321	065:21:24.00 N	096:35:32.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5687	SCHED	08/10/2020 14:54:13	34	82	332	314	065:24:26.39 N	096:39:33.60 W
Summer	LYG	5687	SCHED	08/10/2020 14:56:18	35	2	167	79	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5687	XML_FLIGHT_SUMMARY	08/10/2020 14:57:27	0	0	0	0		
Summer	LYG	5688	POWER_ON	08/10/2020 14:57:26	NA	NA	NA	NA		
Summer	LYG	5688	SCHED	08/10/2020 14:59:54	1	0	165	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5688	SCHED	08/10/2020 15:05:06	2	0	159	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5688	POWER_ON	08/10/2020 15:11:12	NA	NA	NA	NA		
Summer	LYG	5688	SCHED	08/10/2020 15:12:02	1	2	193	335	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5688	DEPARTURE	08/10/2020 15:12:35	1	43	252	326	065:24:32.40 N	096:40:39.59 W
Summer	LYG	5688	SCHED	08/10/2020 15:14:40	2	59	341	140	065:24:25.19 N	096:39:33.60 W
Summer	LYG	5688	SCHED	08/10/2020 15:16:48	3	84	440	153	065:22:03.00 N	096:36:51.59 W
Summer	LYG	5688	SCHED	08/10/2020 15:18:57	4	85	387	134	065:19:50.40 N	096:32:10.80 W
Summer	LYG	5688	SCHED	08/10/2020 15:21:09	5	83	393	149	065:17:38.39 N	096:27:25.80 W
Summer	LYG	5688	SCHED	08/10/2020 15:23:15	6	27	222	149	065:15:25.20 N	096:24:24.59 W
Summer	LYG	5688	SCHED	08/10/2020 15:25:20	7	18	194	87	065:15:30.00 N	096:23:44.39 W
Summer	LYG	5688	SCHED	08/10/2020 15:27:28	8	0	125	118	065:15:20.99 N	096:24:20.40 W
Summer	LYG	5688	ARRIVAL	08/10/2020 15:27:51	1	0	125	118	065:15:20.99 N	096:24:20.40 W
Summer	LYG	5688	XML_FLIGHT_SUMMARY	08/10/2020 15:27:52	0	0	0	0		
Summer	LYG	5689	DEPARTURE	08/10/2020 15:28:43	2	31	136	48	065:15:26.99 N	096:23:50.40 W
Summer	LYG	5689	SCHED	08/10/2020 15:30:51	9	0	132	293	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5689	ARRIVAL	08/10/2020 15:31:04	2	0	132	293	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5689	DEPARTURE	08/10/2020 15:35:40	3	55	283	281	065:15:42.59 N	096:23:53.99 W
Summer	LYG	5689	SCHED	08/10/2020 15:37:54	10	5	166	21	065:15:19.79 N	096:24:17.39 W
Summer	LYG	5689	SCHED	08/10/2020 15:40:04	11	1	165	95	065:15:21.60 N	096:24:19.19 W
Summer	LYG	5689	SCHED	08/10/2020 15:42:11	12	12	173	142	065:15:19.79 N	096:24:17.39 W
Summer	LYG	5689	SCHED	08/10/2020 15:44:18	13	3	165	75	065:15:28.79 N	096:23:37.19 W
Summer	LYG	5689	SCHED	08/10/2020 15:46:26	14	16	198	96	065:15:19.79 N	096:24:22.19 W
Summer	LYG	5689	SCHED	08/10/2020 15:48:34	15	1	153	324	065:15:18.59 N	096:24:14.39 W
Summer	LYG	5689	SCHED	08/10/2020 15:50:40	16	31	188	39	065:15:30.59 N	096:23:28.19 W
Summer	LYG	5689	SCHED	08/10/2020 15:52:46	17	37	197	52	065:15:24.59 N	096:23:55.20 W
Summer	LYG	5689	SCHED	08/10/2020 15:54:55	18	35	219	147	065:15:22.20 N	096:24:25.80 W
Summer	LYG	5689	SCHED	08/10/2020 15:57:00	19	0	169	298	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5689	SCHED	08/10/2020 15:59:05	20	2	159	20	065:15:33.59 N	096:23:45.00 W
Summer	LYG	5689	SCHED	08/10/2020 16:01:13	21	3	154	70	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5689	SCHED	08/10/2020 16:04:08	22	41	226	343	065:15:42.00 N	096:23:33.00 W
Summer	LYG	5689	SCHED	08/10/2020 16:06:19	23	43	165	58	065:15:20.99 N	096:24:35.99 W
Summer	LYG	5689	SCHED	08/10/2020 16:08:26	24	37	163	239	065:15:21.60 N	096:24:39.59 W
Summer	LYG	5689	SCHED	08/10/2020 16:10:32	25	2	174	193	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5689	SCHED	08/10/2020 16:12:38	26	62	246	242	065:15:41.40 N	096:24:20.40 W
Summer	LYG	5689	SCHED	08/10/2020 16:14:44	27	39	216	64	065:15:28.79 N	096:24:02.39 W
Summer	LYG	5689	SCHED	08/10/2020 16:16:57	28	2	189	173	065:15:17.99 N	096:24:47.39 W
Summer	LYG	5689	SCHED	08/10/2020 16:19:03	29	46	218	63	065:15:26.40 N	096:24:15.00 W
Summer	LYG	5689	SCHED	08/10/2020 16:21:15	30	1	173	77	065:15:30.00 N	096:23:49.79 W
Summer	LYG	5689	SCHED	08/10/2020 16:23:21	31	1	183	285	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5689	SCHED	08/10/2020 16:25:35	32	4	187	88	065:15:30.00 N	096:23:47.99 W
Summer	LYG	5689	SCHED	08/10/2020 16:27:45	33	21	196	53	065:15:19.79 N	096:24:43.20 W
Summer	LYG	5689	SCHED	08/10/2020 16:29:51	34	28	199	20	065:15:33.00 N	096:23:46.20 W
Summer	LYG	5689	SCHED	08/10/2020 16:32:07	35	98	466	319	065:17:41.39 N	096:28:07.80 W
Summer	LYG	5689	SCHED	08/10/2020 16:34:12	36	102	437	324	065:20:38.39 N	096:33:54.59 W
Summer	LYG	5689	SCHED	08/10/2020 16:36:19	37	97	391	327	065:23:33.60 N	096:38:05.40 W
Summer	LYG	5689	SCHED	08/10/2020 16:38:26	38	5	198	87	065:24:34.79 N	096:41:00.59 W
Summer	LYG	5689	ARRIVAL	08/10/2020 16:40:49	3	0	169	269	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5689	XML_FLIGHT_SUMMARY	08/10/2020 16:40:50	0	0	0	0		
Summer	LYG	5689	SCHED	08/10/2020 16:46:01	40	0	161	269	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5690	POWER_ON	08/10/2020 16:57:02	NA	NA	NA	NA		
Summer	LYG	5690	SCHED	08/10/2020 16:57:51	1	20	179	110	065:24:18.00 N	096:40:36.59 W
Summer	LYG	5690	DEPARTURE	08/10/2020 16:58:08	1	70	247	109	065:24:15.59 N	096:39:53.40 W
Summer	LYG	5690	SCHED	08/10/2020 17:00:28	2	114	475	142	065:21:21.00 N	096:34:33.59 W
Summer	LYG	5690	SCHED	08/10/2020 17:02:33	3	125	460	143	065:17:46.80 N	096:27:23.99 W
Summer	LYG	5690	SCHED	08/10/2020 17:04:45	4	0	131	55	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5690	ARRIVAL	08/10/2020 17:05:19	1	0	129	55	065:15:28.79 N	096:23:50.40 W
Summer	LYG	5690	XML_FLIGHT_SUMMARY	08/10/2020 17:05:20	0	0	0	0		
Summer	LYG	5691	DEPARTURE	08/10/2020 17:07:47	2	49	175	249	065:15:24.59 N	096:24:29.40 W
Summer	LYG	5691	SCHED	08/10/2020 17:09:54	5	0	141	351	065:15:16.79 N	096:24:46.79 W
Summer	LYG	5691	ARRIVAL	08/10/2020 17:11:05	2	0	143	310	065:15:16.79 N	096:24:47.39 W
Summer	LYG	5691	POWER_ON	08/10/2020 17:26:15	NA	NA	NA	NA		
Summer	LYG	5691	SCHED	08/10/2020 17:28:41	1	0	126	41	065:15:20.99 N	096:24:20.40 W
Summer	LYG	5691	DEPARTURE	08/10/2020 17:29:12	1	67	194	3	065:15:33.00 N	096:23:47.99 W
Summer	LYG	5691	SCHED	08/10/2020 17:31:27	2	126	426	321	065:18:34.80 N	096:29:35.40 W
Summer	LYG	5691	SCHED	08/10/2020 17:33:45	3	133	376	334	065:22:58.20 N	096:37:02.39 W
Summer	LYG	5691	SCHED	08/10/2020 17:35:50	4	0	161	302	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5691	ARRIVAL	08/10/2020 17:36:34	1	0	163	302	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5691	XML_FLIGHT_SUMMARY	08/10/2020 17:36:35	0	0	0	0		
Summer	LYG	5692	POWER_ON	08/10/2020 22:38:35	NA	NA	NA	NA		
Summer	LYG	5692	SCHED	08/10/2020 22:39:27	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5692	POWER_ON	08/10/2020 23:07:43	NA	NA	NA	NA		
Summer	LYG	5692	SCHED	08/10/2020 23:08:31	1	0	162	153	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5692	DEPARTURE	08/10/2020 23:10:02	1	56	234	104	065:24:17.39 N	096:39:58.20 W
Summer	LYG	5692	SCHED	08/10/2020 23:12:07	2	108	533	145	065:21:37.80 N	096:35:05.99 W
Summer	LYG	5692	SCHED	08/10/2020 23:14:16	3	122	494	143	065:18:18.00 N	096:29:39.59 W
Summer	LYG	5692	SCHED	08/10/2020 23:16:22	4	45	166	93	065:15:16.79 N	096:24:42.60 W
Summer	LYG	5692	ARRIVAL	08/10/2020 23:18:00	1	0	124	287	065:15:20.99 N	096:24:19.79 W
Summer	LYG	5692	XML_FLIGHT_SUMMARY	08/10/2020 23:18:01	0	0	0	0		
Summer	LYG	5692	SCHED	08/10/2020 23:23:05	5	0	125	39	065:15:20.99 N	096:24:20.40 W
Summer	LYG	5692	SCHED	08/10/2020 23:28:10	6	0	126	39	065:15:20.99 N	096:24:20.40 W
Summer	LYG	5693	DEPARTURE	08/10/2020 23:28:54	2	56	192	352	065:15:32.39 N	096:24:01.79 W
Summer	LYG	5693	SCHED	08/10/2020 23:30:59	7	116	510	320	065:18:14.40 N	096:29:15.00 W
Summer	LYG	5693	SCHED	08/10/2020 23:33:08	8	122	482	325	065:21:32.39 N	096:34:58.20 W
Summer	LYG	5693	SCHED	08/10/2020 23:35:24	9	89	298	290	065:24:51.00 N	096:40:21.00 W
Summer	LYG	5693	ARRIVAL	08/10/2020 23:37:13	2	0	160	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5693	XML_FLIGHT_SUMMARY	08/10/2020 23:37:14	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5694	POWER_ON	08/11/2020 10:25:24	NA	NA	NA	NA		
Summer	LYG	5694	SCHED	08/11/2020 10:26:08	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5694	POWER_ON	08/11/2020 10:59:50	NA	NA	NA	NA		
Summer	LYG	5694	SCHED	08/11/2020 11:02:08	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5694	DEPARTURE	08/11/2020 11:04:31	1	64	207	30	065:24:34.79 N	096:40:23.39 W
Summer	LYG	5694	SCHED	08/11/2020 11:06:38	2	111	400	143	065:22:26.39 N	096:34:25.80 W
Summer	LYG	5694	SCHED	08/11/2020 11:08:49	3	113	428	145	065:19:13.79 N	096:28:51.00 W
Summer	LYG	5694	SCHED	08/11/2020 11:10:55	4	97	323	139	065:15:56.99 N	096:23:18.59 W
Summer	LYG	5694	SCHED	08/11/2020 11:13:01	5	0	124	300	065:15:20.40 N	096:24:20.40 W
Summer	LYG	5694	ARRIVAL	08/11/2020 11:13:19	1	0	122	300	065:15:20.40 N	096:24:19.79 W
Summer	LYG	5694	XML_FLIGHT_SUMMARY	08/11/2020 11:13:20	0	0	0	0		
Summer	LYG	5694	SCHED	08/11/2020 11:18:27	6	0	121	300	065:15:20.40 N	096:24:19.79 W
Summer	LYG	5695	DEPARTURE	08/11/2020 11:21:01	2	60	207	333	065:15:35.40 N	096:24:41.99 W
Summer	LYG	5695	SCHED	08/11/2020 11:23:23	7	110	419	319	065:18:04.79 N	096:29:50.40 W
Summer	LYG	5695	SCHED	08/11/2020 11:25:39	8	112	379	330	065:21:30.60 N	096:36:35.39 W
Summer	LYG	5695	SCHED	08/11/2020 11:27:50	9	34	174	286	065:24:16.80 N	096:40:32.39 W
Summer	LYG	5695	ARRIVAL	08/11/2020 11:28:55	2	0	162	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5695	XML_FLIGHT_SUMMARY	08/11/2020 11:28:56	0	0	0	0		
Summer	LYG	5696	POWER_ON	08/11/2020 11:49:47	NA	NA	NA	NA		
Summer	LYG	5696	SCHED	08/11/2020 11:50:41	1	0	162	251	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5696	DEPARTURE	08/11/2020 11:53:19	1	66	243	35	065:24:34.19 N	096:40:20.39 W
Summer	LYG	5696	SCHED	08/11/2020 11:55:24	2	105	428	144	065:22:43.19 N	096:35:03.60 W
Summer	LYG	5696	SCHED	08/11/2020 11:57:37	3	102	451	147	065:19:41.39 N	096:30:10.80 W
Summer	LYG	5696	SCHED	08/11/2020 11:59:43	4	102	413	140	065:16:37.19 N	096:24:57.00 W
Summer	LYG	5696	SCHED	08/11/2020 12:01:50	5	3	176	336	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5696	SCHED	08/11/2020 12:03:58	6	62	269	343	065:15:43.20 N	096:24:31.79 W
Summer	LYG	5696	SCHED	08/11/2020 12:06:07	7	81	466	318	065:17:50.99 N	096:28:41.39 W
Summer	LYG	5696	SCHED	08/11/2020 12:08:16	8	88	443	322	065:20:07.20 N	096:33:21.00 W
Summer	LYG	5696	SCHED	08/11/2020 12:10:22	9	84	399	330	065:22:40.79 N	096:37:12.60 W
Summer	LYG	5696	SCHED	08/11/2020 12:12:28	10	19	241	314	065:24:15.59 N	096:40:35.99 W
Summer	LYG	5696	SCHED	08/11/2020 12:14:37	11	9	234	358	065:24:33.60 N	096:41:02.39 W
Summer	LYG	5696	SCHED	08/11/2020 12:16:43	12	76	297	86	065:25:00.59 N	096:40:04.79 W
Summer	LYG	5696	SCHED	08/11/2020 12:18:55	13	88	487	147	065:23:00.59 N	096:35:31.19 W
Summer	LYG	5696	SCHED	08/11/2020 12:21:04	14	91	490	140	065:20:22.80 N	096:31:01.19 W
Summer	LYG	5696	SCHED	08/11/2020 12:23:15	15	92	470	145	065:17:51.60 N	096:26:22.19 W
Summer	LYG	5696	SCHED	08/11/2020 12:25:22	16	64	264	202	065:15:22.20 N	096:23:34.79 W
Summer	LYG	5696	SCHED	08/11/2020 12:27:34	17	2	171	239	065:15:20.99 N	096:24:19.19 W
Summer	LYG	5696	SCHED	08/11/2020 12:29:40	18	86	474	326	065:17:24.59 N	096:27:30.60 W
Summer	LYG	5696	SCHED	08/11/2020 12:31:46	19	96	532	331	065:20:04.79 N	096:31:30.60 W
Summer	LYG	5696	SCHED	08/11/2020 12:33:52	20	92	455	328	065:22:55.79 N	096:35:32.39 W
Summer	LYG	5696	SCHED	08/11/2020 12:35:56	21	45	276	293	065:24:25.19 N	096:40:29.40 W
Summer	LYG	5696	SCHED	08/11/2020 12:38:04	22	26	247	130	065:24:32.40 N	096:40:53.40 W
Summer	LYG	5696	SCHED	08/11/2020 12:40:12	23	0	163	248	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5696	ARRIVAL	08/11/2020 12:40:30	1	0	164	248	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5696	XML_FLIGHT_SUMMARY	08/11/2020 12:40:31	0	0	0	0		
Summer	LYG	5697	POWER_ON	08/11/2020 13:44:32	NA	NA	NA	NA		
Summer	LYG	5697	SCHED	08/11/2020 13:45:28	1	0	162	289	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5697	DEPARTURE	08/11/2020 13:47:01	1	55	202	20	065:24:35.40 N	096:40:35.40 W
Summer	LYG	5697	SCHED	08/11/2020 13:49:14	2	114	417	146	065:22:38.40 N	096:34:31.80 W
Summer	LYG	5697	SCHED	08/11/2020 13:51:20	3	116	414	148	065:19:00.00 N	096:29:18.00 W
Summer	LYG	5697	SCHED	08/11/2020 13:53:32	4	91	278	149	065:15:52.19 N	096:23:45.60 W
Summer	LYG	5697	ARRIVAL	08/11/2020 13:55:24	1	0	122	59	065:15:20.40 N	096:24:20.40 W
Summer	LYG	5697	XML_FLIGHT_SUMMARY	08/11/2020 13:55:25	0	0	0	0		
Summer	LYG	5697	SCHED	08/11/2020 14:00:34	5	0	125	317	065:15:20.99 N	096:24:22.80 W
Summer	LYG	5698	DEPARTURE	08/11/2020 14:01:37	2	61	209	263	065:15:27.60 N	096:24:26.99 W
Summer	LYG	5698	ARRIVAL	08/11/2020 14:03:26	2	0	125	350	065:14:49.20 N	096:24:13.20 W
Summer	LYG	5698	DEPARTURE	08/11/2020 14:05:27	3	71	169	149	065:14:42.00 N	096:23:36.60 W
Summer	LYG	5698	SCHED	08/11/2020 14:07:36	6	0	138	54	065:14:33.00 N	096:24:42.60 W
Summer	LYG	5698	ARRIVAL	08/11/2020 14:08:19	3	0	139	54	065:14:33.00 N	096:24:42.60 W
Summer	LYG	5698	POWER_ON	08/11/2020 16:05:38	NA	NA	NA	NA		
Summer	LYG	5698	POWER_ON	08/11/2020 16:24:12	NA	NA	NA	NA		
Summer	LYG	5698	SCHED	08/11/2020 16:25:13	1	0	138	353	065:14:33.00 N	096:24:42.60 W
Summer	LYG	5698	DEPARTURE	08/11/2020 16:27:44	1	55	165	25	065:14:49.20 N	096:24:35.40 W
Summer	LYG	5698	ARRIVAL	08/11/2020 16:29:23	1	0	126	3	065:15:20.99 N	096:24:22.19 W
Summer	LYG	5698	SCHED	08/11/2020 16:34:29	2	0	125	3	065:15:20.99 N	096:24:22.80 W
Summer	LYG	5698	DEPARTURE	08/11/2020 16:37:51	2	68	226	225	065:15:23.99 N	096:24:48.59 W
Summer	LYG	5698	SCHED	08/11/2020 16:40:00	3	0	140	41	065:14:33.00 N	096:24:41.99 W
Summer	LYG	5698	ARRIVAL	08/11/2020 16:40:11	2	0	141	41	065:14:33.00 N	096:24:41.99 W
Summer	LYG	5698	DEPARTURE	08/11/2020 16:41:25	3	65	192	5	065:14:52.80 N	096:24:40.20 W
Summer	LYG	5698	SCHED	08/11/2020 16:43:38	4	100	388	319	065:17:39.59 N	096:28:49.79 W
Summer	LYG	5698	SCHED	08/11/2020 16:45:45	5	101	370	324	065:20:32.39 N	096:34:08.99 W
Summer	LYG	5698	SCHED	08/11/2020 16:47:53	6	90	313	326	065:23:26.39 N	096:38:34.79 W
Summer	LYG	5698	SCHED	08/11/2020 16:50:03	7	0	161	294	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5698	ARRIVAL	08/11/2020 16:50:16	3	0	161	294	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5698	XML_FLIGHT_SUMMARY	08/11/2020 16:50:17	0	0	0	0		
Summer	LYG	5699	POWER_ON	08/11/2020 19:39:20	NA	NA	NA	NA		
Summer	LYG	5699	SCHED	08/11/2020 19:40:16	1	0	163	287	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5699	DEPARTURE	08/11/2020 19:41:19	1	63	245	23	065:24:35.99 N	096:40:33.60 W
Summer	LYG	5699	SCHED	08/11/2020 19:43:30	2	120	418	149	065:22:19.20 N	096:34:25.20 W
Summer	LYG	5699	SCHED	08/11/2020 19:45:36	3	126	356	145	065:18:48.00 N	096:28:55.80 W
Summer	LYG	5699	SCHED	08/11/2020 19:47:45	4	100	264	163	065:15:32.39 N	096:23:06.59 W
Summer	LYG	5699	SCHED	08/11/2020 19:49:51	5	0	127	6	065:15:20.99 N	096:24:22.19 W
Summer	LYG	5699	ARRIVAL	08/11/2020 19:50:38	1	0	125	6	065:15:20.99 N	096:24:22.19 W
Summer	LYG	5699	XML_FLIGHT_SUMMARY	08/11/2020 19:50:39	0	0	0	0		
Summer	LYG	5700	POWER_ON	08/11/2020 20:13:35	NA	NA	NA	NA		
Summer	LYG	5700	SCHED	08/11/2020 20:14:31	1	0	129	0	065:15:20.99 N	096:24:22.80 W
Summer	LYG	5700	SCHED	08/11/2020 20:19:44	2	3	163	257	065:15:20.99 N	096:24:20.40 W
Summer	LYG	5700	SCHED	08/11/2020 20:24:57	3	2	129	11	065:15:20.99 N	096:24:19.79 W
Summer	LYG	5700	SCHED	08/11/2020 20:30:04	4	1	185	283	065:15:18.59 N	096:24:47.39 W
Summer	LYG	5700	DEPARTURE	08/11/2020 20:32:57	1	49	230	83	065:15:32.39 N	096:24:09.59 W
Summer	LYG	5700	SCHED	08/11/2020 20:35:04	5	1	192	73	065:15:17.99 N	096:24:47.39 W
Summer	LYG	5700	SCHED	08/11/2020 20:37:09	6	0	162	282	065:15:21.60 N	096:24:18.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5700	SCHED	08/11/2020 20:39:17	7	1	179	180	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5700	SCHED	08/11/2020 20:41:23	8	1	164	254	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5700	SCHED	08/11/2020 20:43:33	9	11	197	331	065:15:16.19 N	096:24:48.59 W
Summer	LYG	5700	SCHED	08/11/2020 20:45:40	10	1	163	334	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5700	SCHED	08/11/2020 20:47:45	11	21	185	80	065:15:20.99 N	096:24:24.59 W
Summer	LYG	5700	SCHED	08/11/2020 20:49:52	12	23	193	70	065:15:18.59 N	096:24:44.39 W
Summer	LYG	5700	SCHED	08/11/2020 20:51:59	13	4	191	8	065:15:17.40 N	096:24:47.99 W
Summer	LYG	5700	SCHED	08/11/2020 20:54:06	14	7	170	274	065:15:21.60 N	096:24:19.79 W
Summer	LYG	5700	SCHED	08/11/2020 20:56:19	15	24	186	77	065:15:20.40 N	096:24:27.60 W
Summer	LYG	5700	SCHED	08/11/2020 20:58:29	16	3	187	54	065:15:17.99 N	096:24:47.99 W
Summer	LYG	5700	SCHED	08/11/2020 21:00:38	17	1	164	250	065:15:21.60 N	096:24:19.79 W
Summer	LYG	5700	SCHED	08/11/2020 21:02:45	18	48	251	184	065:15:18.59 N	096:23:37.19 W
Summer	LYG	5700	SCHED	08/11/2020 21:04:58	19	2	238	45	065:15:17.40 N	096:24:51.59 W
Summer	LYG	5700	SCHED	08/11/2020 21:07:05	20	2	211	106	065:15:18.59 N	096:24:48.59 W
Summer	LYG	5700	SCHED	08/11/2020 21:09:16	21	21	204	78	065:15:18.59 N	096:24:41.99 W
Summer	LYG	5700	SCHED	08/11/2020 21:12:19	22	0	130	43	065:15:20.99 N	096:24:22.19 W
Summer	LYG	5700	ARRIVAL	08/11/2020 21:12:27	1	0	130	43	065:15:20.99 N	096:24:22.19 W
Summer	LYG	5700	XML_FLIGHT_SUMMARY	08/11/2020 21:12:28	0	0	0	0		
Summer	LYG	5701	POWER_ON	08/11/2020 21:18:07	NA	NA	NA	NA		
Summer	LYG	5701	SCHED	08/11/2020 21:18:55	1	0	126	6	065:15:20.99 N	096:24:22.19 W
Summer	LYG	5701	DEPARTURE	08/11/2020 21:19:32	1	87	194	157	065:15:13.80 N	096:23:45.00 W
Summer	LYG	5701	SCHED	08/11/2020 21:22:32	2	22	155	178	065:14:20.40 N	096:25:00.60 W
Summer	LYG	5701	ARRIVAL	08/11/2020 21:24:06	1	0	136	314	065:14:13.80 N	096:25:13.20 W
Summer	LYG	5701	DEPARTURE	08/11/2020 21:28:25	2	73	176	10	065:14:40.20 N	096:24:58.20 W
Summer	LYG	5701	SCHED	08/11/2020 21:30:37	3	98	369	318	065:17:24.00 N	096:27:04.79 W
Summer	LYG	5701	SCHED	08/11/2020 21:32:43	4	105	392	319	065:20:08.99 N	096:32:56.40 W
Summer	LYG	5701	SCHED	08/11/2020 21:34:52	5	102	335	325	065:23:08.39 N	096:37:53.40 W
Summer	LYG	5701	SCHED	08/11/2020 21:37:06	6	0	161	221	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5701	ARRIVAL	08/11/2020 21:37:32	2	0	158	221	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5701	XML_FLIGHT_SUMMARY	08/11/2020 21:37:33	0	0	0	0		
Summer	LYG	5701	SCHED	08/11/2020 21:42:42	7	0	162	221	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5702	POWER_ON	08/11/2020 21:47:16	NA	NA	NA	NA		
Summer	LYG	5702	SCHED	08/11/2020 21:48:16	1	0	155	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5702	DEPARTURE	08/11/2020 21:50:02	1	62	251	27	065:24:34.79 N	096:40:25.80 W
Summer	LYG	5702	SCHED	08/11/2020 21:52:08	2	123	382	149	065:22:06.00 N	096:34:20.40 W
Summer	LYG	5702	SCHED	08/11/2020 21:54:19	3	127	434	144	065:18:15.59 N	096:28:59.39 W
Summer	LYG	5702	SCHED	08/11/2020 21:56:30	4	79	201	252	065:15:05.99 N	096:23:36.60 W
Summer	LYG	5702	SCHED	08/11/2020 21:58:42	5	32	185	240	065:15:19.79 N	096:24:28.19 W
Summer	LYG	5702	SCHED	08/11/2020 22:00:49	6	0	154	24	065:15:21.60 N	096:24:19.19 W
Summer	LYG	5702	SCHED	08/11/2020 22:02:59	7	0	177	52	065:15:18.59 N	096:24:47.39 W
Summer	LYG	5702	SCHED	08/11/2020 22:05:06	8	11	189	329	065:15:16.79 N	096:24:49.20 W
Summer	LYG	5702	SCHED	08/11/2020 22:07:18	9	1	165	316	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5702	SCHED	08/11/2020 22:09:27	10	31	202	78	065:15:20.40 N	096:24:34.79 W
Summer	LYG	5702	SCHED	08/11/2020 22:11:32	11	0	183	174	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5702	SCHED	08/11/2020 22:13:48	12	8	187	351	065:15:17.99 N	096:24:49.20 W
Summer	LYG	5702	SCHED	08/11/2020 22:15:55	13	28	181	271	065:15:22.20 N	096:24:22.80 W
Summer	LYG	5702	SCHED	08/11/2020 22:18:01	14	1	160	6	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5702	SCHED	08/11/2020 22:20:07	15	19	176	77	065:15:20.99 N	096:24:23.39 W
Summer	LYG	5702	SCHED	08/11/2020 22:22:20	16	2	183	55	065:15:17.99 N	096:24:46.79 W
Summer	LYG	5702	SCHED	08/11/2020 22:24:35	17	28	181	240	065:15:19.79 N	096:24:25.20 W
Summer	LYG	5702	SCHED	08/11/2020 22:26:46	18	4	172	84	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5702	SCHED	08/11/2020 22:28:54	19	1	175	208	065:15:17.99 N	096:24:46.79 W
Summer	LYG	5702	SCHED	08/11/2020 22:31:05	20	8	198	10	065:15:17.40 N	096:24:47.99 W
Summer	LYG	5702	SCHED	08/11/2020 22:33:11	21	1	164	56	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5702	SCHED	08/11/2020 22:35:21	22	26	201	69	065:15:19.20 N	096:24:41.40 W
Summer	LYG	5702	SCHED	08/11/2020 22:37:28	23	4	177	14	065:15:18.59 N	096:24:38.99 W
Summer	LYG	5702	SCHED	08/11/2020 22:39:33	24	26	193	255	065:15:15.00 N	096:24:43.20 W
Summer	LYG	5702	SCHED	08/11/2020 22:41:39	25	13	174	257	065:15:21.60 N	096:24:21.00 W
Summer	LYG	5702	SCHED	08/11/2020 22:43:58	26	1	164	250	065:15:21.60 N	096:24:18.00 W
Summer	LYG	5702	SCHED	08/11/2020 22:46:06	27	72	373	319	065:17:21.00 N	096:27:29.39 W
Summer	LYG	5702	SCHED	08/11/2020 22:48:49	28	67	427	323	065:19:35.99 N	096:31:52.19 W
Summer	LYG	5702	SCHED	08/11/2020 22:50:58	29	65	378	326	065:21:31.80 N	096:35:25.20 W
Summer	LYG	5702	SCHED	08/11/2020 22:53:06	30	71	341	328	065:23:27.60 N	096:38:34.19 W
Summer	LYG	5702	SCHED	08/11/2020 22:55:11	31	0	199	337	065:24:18.00 N	096:40:41.40 W
Summer	LYG	5702	ARRIVAL	08/11/2020 22:57:14	1	0	162	146	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5702	XML_FLIGHT_SUMMARY	08/11/2020 22:57:15	0	0	0	0		
Summer	LYG	5703	POWER_ON	08/11/2020 23:09:16	NA	NA	NA	NA		
Summer	LYG	5703	SCHED	08/11/2020 23:10:08	1	0	161	277	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5703	DEPARTURE	08/11/2020 23:11:23	1	65	235	38	065:24:35.99 N	096:40:28.79 W
Summer	LYG	5703	SCHED	08/11/2020 23:13:29	2	124	428	151	065:21:54.59 N	096:34:40.20 W
Summer	LYG	5703	SCHED	08/11/2020 23:15:35	3	127	448	143	065:18:10.79 N	096:29:01.80 W
Summer	LYG	5703	SCHED	08/11/2020 23:17:44	4	67	217	263	065:14:55.80 N	096:24:21.60 W
Summer	LYG	5703	ARRIVAL	08/11/2020 23:19:35	1	0	135	325	065:15:15.00 N	096:24:45.60 W
Summer	LYG	5703	XML_FLIGHT_SUMMARY	08/11/2020 23:19:36	0	0	0	0		
Summer	LYG	5704	DEPARTURE	08/11/2020 23:23:59	2	59	214	1	065:15:31.79 N	096:24:31.79 W
Summer	LYG	5704	SCHED	08/11/2020 23:26:04	5	99	413	321	065:18:00.00 N	096:28:40.79 W
Summer	LYG	5704	SCHED	08/11/2020 23:28:14	6	103	423	319	065:20:35.39 N	096:33:56.99 W
Summer	LYG	5704	SCHED	08/11/2020 23:30:20	7	99	349	331	065:23:34.19 N	096:38:48.60 W
Summer	LYG	5704	ARRIVAL	08/11/2020 23:32:22	2	0	159	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5704	XML_FLIGHT_SUMMARY	08/11/2020 23:32:23	0	0	0	0		
Summer	LYG	5705	POWER_ON	08/12/2020 10:17:46	NA	NA	NA	NA		
Summer	LYG	5705	SCHED	08/12/2020 10:18:39	1	0	154	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5705	POWER_ON	08/12/2020 13:30:30	NA	NA	NA	NA		
Summer	LYG	5705	DEPARTURE	08/12/2020 13:33:26	1	65	204	6	065:24:35.99 N	096:40:40.20 W
Summer	LYG	5705	SCHED	08/12/2020 13:33:38	1	103	395	134	065:24:32.99 N	096:38:13.20 W
Summer	LYG	5705	SCHED	08/12/2020 13:35:51	2	100	465	277	065:25:01.19 N	096:35:23.39 W
Summer	LYG	5705	SCHED	08/12/2020 13:37:57	3	100	378	286	065:25:26.40 N	096:44:20.40 W
Summer	LYG	5705	SCHED	08/12/2020 13:40:03	4	102	389	292	065:26:32.99 N	096:52:30.60 W
Summer	LYG	5705	SCHED	08/12/2020 13:42:09	5	102	451	294	065:28:02.39 N	097:00:11.40 W
Summer	LYG	5705	SCHED	08/12/2020 13:44:21	6	101	484	284	065:29:04.79 N	097:08:19.19 W
Summer	LYG	5705	SCHED	08/12/2020 13:46:28	7	82	467	4	065:30:30.00 N	097:15:59.39 W
Summer	LYG	5705	SCHED	08/12/2020 13:48:38	8	41	191	230	065:30:12.60 N	097:15:00.00 W
Summer	LYG	5705	ARRIVAL	08/12/2020 13:49:57	1	0	169	0	065:30:14.40 N	097:15:13.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5705	XML_FLIGHT_SUMMARY	08/12/2020 13:49:58	0	0	0	0		
Summer	LYG	5706	DEPARTURE	08/12/2020 13:51:12	2	56	233	14	065:30:28.79 N	097:15:32.39 W
Summer	LYG	5706	SCHED	08/12/2020 13:53:26	9	77	313	278	065:29:03.00 N	097:10:58.80 W
Summer	LYG	5706	SCHED	08/12/2020 13:55:34	10	0	127	290	065:29:22.80 N	097:10:33.00 W
Summer	LYG	5706	ARRIVAL	08/12/2020 13:56:16	2	0	127	290	065:29:22.80 N	097:10:33.00 W
Summer	LYG	5706	XML_FLIGHT_SUMMARY	08/12/2020 13:56:17	0	0	0	0		
Summer	LYG	5707	DEPARTURE	08/12/2020 13:58:06	3	61	204	355	065:29:36.59 N	097:10:54.59 W
Summer	LYG	5707	SCHED	08/12/2020 14:00:16	11	119	426	117	065:28:40.20 N	097:02:51.00 W
Summer	LYG	5707	SCHED	08/12/2020 14:02:25	12	120	391	110	065:26:53.39 N	096:53:15.00 W
Summer	LYG	5707	SCHED	08/12/2020 14:04:30	13	120	369	106	065:25:27.60 N	096:43:22.80 W
Summer	LYG	5707	SCHED	08/12/2020 14:06:38	14	0	160	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5707	ARRIVAL	08/12/2020 14:07:20	3	0	163	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5707	XML_FLIGHT_SUMMARY	08/12/2020 14:07:21	0	0	0	0		
Summer	LYG	5708	POWER_ON	08/12/2020 14:24:51	NA	NA	NA	NA		
Summer	LYG	5708	SCHED	08/12/2020 14:25:47	1	0	162	135	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5708	DEPARTURE	08/12/2020 14:27:22	1	59	240	14	065:24:35.40 N	096:40:40.20 W
Summer	LYG	5708	SCHED	08/12/2020 14:29:34	2	124	426	153	065:22:15.59 N	096:34:29.39 W
Summer	LYG	5708	SCHED	08/12/2020 14:32:31	3	126	404	147	065:17:25.20 N	096:27:23.99 W
Summer	LYG	5708	SCHED	08/12/2020 14:34:37	4	0	135	30	065:15:14.40 N	096:24:44.39 W
Summer	LYG	5708	ARRIVAL	08/12/2020 14:35:07	1	0	137	30	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5708	XML_FLIGHT_SUMMARY	08/12/2020 14:35:08	0	0	0	0		
Summer	LYG	5709	DEPARTURE	08/12/2020 14:38:54	2	40	160	69	065:15:30.59 N	096:23:50.99 W
Summer	LYG	5709	ARRIVAL	08/12/2020 14:40:38	2	0	137	26	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5709	DEPARTURE	08/12/2020 14:45:06	3	38	201	237	065:15:19.79 N	096:24:10.80 W
Summer	LYG	5709	SCHED	08/12/2020 14:47:14	5	16	210	48	065:15:31.79 N	096:23:47.39 W
Summer	LYG	5709	SCHED	08/12/2020 14:49:19	6	0	166	49	065:15:21.60 N	096:24:18.60 W
Summer	LYG	5709	SCHED	08/12/2020 14:51:26	7	0	172	194	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5709	SCHED	08/12/2020 14:53:35	8	3	168	4	065:15:20.99 N	096:24:19.19 W
Summer	LYG	5709	SCHED	08/12/2020 14:55:41	9	9	209	29	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5709	SCHED	08/12/2020 14:57:47	10	0	169	35	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5709	SCHED	08/12/2020 15:00:00	11	22	182	283	065:15:19.20 N	096:24:16.80 W
Summer	LYG	5709	SCHED	08/12/2020 15:02:05	12	1	175	46	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5709	SCHED	08/12/2020 15:04:11	13	32	218	56	065:15:26.40 N	096:24:06.00 W
Summer	LYG	5709	SCHED	08/12/2020 15:06:27	14	2	141	173	065:15:33.00 N	096:23:44.39 W
Summer	LYG	5709	SCHED	08/12/2020 15:08:33	15	0	120	1	065:15:20.99 N	096:24:22.80 W
Summer	LYG	5709	ARRIVAL	08/12/2020 15:08:40	3	0	120	1	065:15:20.99 N	096:24:22.80 W
Summer	LYG	5709	XML_FLIGHT_SUMMARY	08/12/2020 15:08:41	0	0	0	0		
Summer	LYG	5710	DEPARTURE	08/12/2020 15:09:29	4	36	152	57	065:15:28.20 N	096:23:52.80 W
Summer	LYG	5710	ARRIVAL	08/12/2020 15:10:43	4	0	130	24	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5710	DEPARTURE	08/12/2020 15:13:55	5	57	234	221	065:15:20.40 N	096:24:12.60 W
Summer	LYG	5710	SCHED	08/12/2020 15:16:16	16	0	175	147	065:15:17.99 N	096:24:46.79 W
Summer	LYG	5710	SCHED	08/12/2020 15:18:21	17	75	430	323	065:16:44.39 N	096:27:18.00 W
Summer	LYG	5710	SCHED	08/12/2020 15:20:27	18	68	471	322	065:18:36.00 N	096:30:49.19 W
Summer	LYG	5710	SCHED	08/12/2020 15:22:42	19	70	506	327	065:20:31.19 N	096:34:04.20 W
Summer	LYG	5710	SCHED	08/12/2020 15:25:38	20	73	424	325	065:23:12.59 N	096:38:15.00 W
Summer	LYG	5710	SCHED	08/12/2020 15:27:49	21	0	202	50	065:24:18.00 N	096:40:41.40 W
Summer	LYG	5710	SCHED	08/12/2020 15:29:55	22	84	279	81	065:24:37.19 N	096:39:59.39 W
Summer	LYG	5710	SCHED	08/12/2020 15:32:09	23	126	416	142	065:21:30.60 N	096:33:50.39 W
Summer	LYG	5710	SCHED	08/12/2020 15:34:22	24	127	432	141	065:17:42.00 N	096:27:43.79 W
Summer	LYG	5710	SCHED	08/12/2020 15:36:31	25	32	210	338	065:15:45.00 N	096:24:07.80 W
Summer	LYG	5710	ARRIVAL	08/12/2020 15:38:17	5	0	135	12	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5710	XML_FLIGHT_SUMMARY	08/12/2020 15:38:18	0	0	0	0		
Summer	LYG	5711	DEPARTURE	08/12/2020 15:40:39	6	59	180	227	065:15:16.79 N	096:24:10.20 W
Summer	LYG	5711	ARRIVAL	08/12/2020 15:42:14	6	0	129	48	065:15:14.40 N	096:24:44.39 W
Summer	LYG	5711	SCHED	08/12/2020 15:47:25	26	0	134	48	065:15:14.40 N	096:24:44.39 W
Summer	LYG	5711	DEPARTURE	08/12/2020 15:50:19	7	63	210	316	065:15:34.79 N	096:24:34.79 W
Summer	LYG	5711	SCHED	08/12/2020 15:53:56	27	102	413	323	065:20:00.60 N	096:32:08.99 W
Summer	LYG	5711	SCHED	08/12/2020 15:56:03	28	99	367	322	065:23:33.60 N	096:38:21.60 W
Summer	LYG	5711	SCHED	08/12/2020 15:58:12	29	0	165	331	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5711	ARRIVAL	08/12/2020 15:58:22	7	0	162	331	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5711	XML_FLIGHT_SUMMARY	08/12/2020 15:58:23	0	0	0	0		
Summer	LYG	5712	POWER_ON	08/12/2020 16:11:10	NA	NA	NA	NA		
Summer	LYG	5712	SCHED	08/12/2020 16:12:54	1	1	193	358	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5712	DEPARTURE	08/12/2020 16:13:56	1	59	317	13	065:24:37.80 N	096:40:39.59 W
Summer	LYG	5712	SCHED	08/12/2020 16:16:12	2	94	414	151	065:23:15.59 N	096:34:58.20 W
Summer	LYG	5712	SCHED	08/12/2020 16:18:22	3	100	403	148	065:20:02.39 N	096:30:17.99 W
Summer	LYG	5712	SCHED	08/12/2020 16:20:28	4	100	363	149	065:17:05.40 N	096:25:21.00 W
Summer	LYG	5712	SCHED	08/12/2020 16:22:42	5	13	207	350	065:15:16.19 N	096:24:47.39 W
Summer	LYG	5712	SCHED	08/12/2020 16:24:53	6	0	136	310	065:15:15.00 N	096:24:45.00 W
Summer	LYG	5712	ARRIVAL	08/12/2020 16:25:19	1	0	135	310	065:15:15.00 N	096:24:45.00 W
Summer	LYG	5712	XML_FLIGHT_SUMMARY	08/12/2020 16:25:20	0	0	0	0		
Summer	LYG	5713	DEPARTURE	08/12/2020 16:27:35	2	69	259	332	065:15:30.59 N	096:25:11.99 W
Summer	LYG	5713	SCHED	08/12/2020 16:29:46	7	78	409	324	065:17:44.39 N	096:29:12.60 W
Summer	LYG	5713	SCHED	08/12/2020 16:31:55	8	81	358	326	065:20:10.20 N	096:33:08.99 W
Summer	LYG	5713	SCHED	08/12/2020 16:34:05	9	74	357	327	065:22:25.20 N	096:36:49.19 W
Summer	LYG	5713	SCHED	08/12/2020 16:36:10	10	44	264	265	065:24:13.19 N	096:40:17.39 W
Summer	LYG	5713	SCHED	08/12/2020 16:38:20	11	0	161	282	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5713	ARRIVAL	08/12/2020 16:38:26	2	0	161	282	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5713	XML_FLIGHT_SUMMARY	08/12/2020 16:38:27	0	0	0	0		
Summer	LYG	5714	POWER_ON	08/12/2020 19:15:59	NA	NA	NA	NA		
Summer	LYG	5714	SCHED	08/12/2020 19:16:47	1	0	164	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5714	DEPARTURE	08/12/2020 19:18:42	1	64	198	335	065:24:35.40 N	096:40:49.79 W
Summer	LYG	5714	SCHED	08/12/2020 19:20:51	2	96	386	292	065:25:54.59 N	096:47:29.39 W
Summer	LYG	5714	SCHED	08/12/2020 19:23:01	3	103	431	288	065:27:09.00 N	096:55:30.00 W
Summer	LYG	5714	SCHED	08/12/2020 19:25:17	4	111	337	110	065:26:56.40 N	096:49:13.20 W
Summer	LYG	5714	SCHED	08/12/2020 19:27:23	5	114	366	132	065:25:06.59 N	096:39:40.80 W
Summer	LYG	5714	SCHED	08/12/2020 19:29:28	6	0	170	269	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5714	ARRIVAL	08/12/2020 19:29:31	1	0	170	269	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5714	XML_FLIGHT_SUMMARY	08/12/2020 19:29:32	0	0	0	0		
Summer	LYG	5715	POWER_ON	08/12/2020 19:35:53	NA	NA	NA	NA		
Summer	LYG	5715	SCHED	08/12/2020 19:36:39	1	0	161	220	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5715	DEPARTURE	08/12/2020 19:37:20	1	68	233	322	065:24:35.40 N	096:40:53.40 W
Summer	LYG	5715	SCHED	08/12/2020 19:39:27	2	102	458	289	065:25:49.79 N	096:47:52.80 W
Summer	LYG	5715	SCHED	08/12/2020 19:41:37	3	105	485	291	065:27:01.80 N	096:56:10.20 W
Summer	LYG	5715	SCHED	08/12/2020 19:43:43	4	107	437	290	065:28:21.60 N	097:04:43.19 W
Summer	LYG	5715	SCHED	08/12/2020 19:45:53	5	26	181	258	065:29:22.80 N	097:10:43.79 W
Summer	LYG	5715	SCHED	08/12/2020 19:48:02	6	18	188	298	065:29:23.99 N	097:12:09.60 W
Summer	LYG	5715	ARRIVAL	08/12/2020 19:49:42	1	0	162	324	065:29:26.99 N	097:12:46.20 W
Summer	LYG	5715	XML_FLIGHT_SUMMARY	08/12/2020 19:49:43	0	0	0	0		
Summer	LYG	5715	SCHED	08/12/2020 19:54:48	7	0	145	56	065:29:33.00 N	097:11:50.40 W
Summer	LYG	5715	SCHED	08/12/2020 20:00:00	8	0	162	329	065:29:16.79 N	097:11:20.39 W
Summer	LYG	5715	SCHED	08/12/2020 20:05:10	9	8	181	307	065:28:58.19 N	097:11:23.40 W
Summer	LYG	5715	SCHED	08/12/2020 20:10:23	10	0	170	65	065:29:11.99 N	097:11:56.39 W
Summer	LYG	5716	DEPARTURE	08/12/2020 20:11:42	2	62	241	25	065:29:28.79 N	097:11:55.20 W
Summer	LYG	5716	SCHED	08/12/2020 20:13:48	11	106	412	109	065:28:43.20 N	097:04:04.79 W
Summer	LYG	5716	SCHED	08/12/2020 20:16:42	12	113	482	112	065:27:09.00 N	096:53:22.19 W
Summer	LYG	5716	SCHED	08/12/2020 20:18:52	13	112	469	108	065:25:34.19 N	096:43:19.19 W
Summer	LYG	5716	SCHED	08/12/2020 20:20:57	14	5	166	329	065:24:18.00 N	096:40:39.59 W
Summer	LYG	5716	ARRIVAL	08/12/2020 20:21:54	2	0	163	234	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5716	XML_FLIGHT_SUMMARY	08/12/2020 20:21:55	0	0	0	0		
Summer	LYG	5717	POWER_ON	08/12/2020 22:36:08	NA	NA	NA	NA		
Summer	LYG	5717	SCHED	08/12/2020 22:37:00	1	0	156	351	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5717	DEPARTURE	08/12/2020 22:38:51	1	68	269	51	065:24:35.40 N	096:40:15.00 W
Summer	LYG	5717	SCHED	08/12/2020 22:40:57	2	95	460	149	065:22:25.20 N	096:35:25.80 W
Summer	LYG	5717	SCHED	08/12/2020 22:43:02	3	99	510	142	065:19:43.19 N	096:30:45.00 W
Summer	LYG	5717	SCHED	08/12/2020 22:45:07	4	99	459	147	065:16:56.39 N	096:25:57.00 W
Summer	LYG	5717	SCHED	08/12/2020 22:47:20	5	20	200	26	065:15:17.40 N	096:24:52.19 W
Summer	LYG	5717	SCHED	08/12/2020 22:49:26	6	66	328	321	065:15:49.80 N	096:24:59.39 W
Summer	LYG	5717	SCHED	08/12/2020 22:51:32	7	74	477	323	065:17:48.60 N	096:28:56.39 W
Summer	LYG	5717	SCHED	08/12/2020 22:53:44	8	73	500	324	065:19:46.80 N	096:32:40.80 W
Summer	LYG	5717	SCHED	08/12/2020 22:55:52	9	76	478	329	065:22:04.20 N	096:36:15.60 W
Summer	LYG	5717	SCHED	08/12/2020 22:57:57	10	63	308	338	065:24:16.80 N	096:39:26.99 W
Summer	LYG	5717	SCHED	08/12/2020 23:00:02	11	1	190	150	065:24:18.00 N	096:40:40.80 W
Summer	LYG	5717	ARRIVAL	08/12/2020 23:01:23	1	0	161	262	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5717	XML_FLIGHT_SUMMARY	08/12/2020 23:01:24	0	0	0	0		
Summer	LYG	5718	POWER_ON	08/12/2020 23:12:53	NA	NA	NA	NA		
Summer	LYG	5718	SCHED	08/12/2020 23:13:49	1	0	161	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5718	DEPARTURE	08/12/2020 23:14:32	1	67	205	49	065:24:35.99 N	096:40:19.19 W
Summer	LYG	5718	SCHED	08/12/2020 23:16:38	2	109	456	158	065:21:58.79 N	096:35:19.19 W
Summer	LYG	5718	SCHED	08/12/2020 23:18:43	3	115	514	138	065:18:39.60 N	096:30:03.00 W
Summer	LYG	5718	SCHED	08/12/2020 23:20:54	4	98	248	165	065:15:50.39 N	096:23:27.60 W
Summer	LYG	5718	ARRIVAL	08/12/2020 23:22:53	1	0	136	11	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5718	XML_FLIGHT_SUMMARY	08/12/2020 23:22:54	0	0	0	0		
Summer	LYG	5718	SCHED	08/12/2020 23:27:58	5	0	141	11	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5719	DEPARTURE	08/12/2020 23:28:58	2	65	205	4	065:15:32.39 N	096:24:31.79 W
Summer	LYG	5719	SCHED	08/12/2020 23:31:07	6	106	405	323	065:18:25.79 N	096:28:55.80 W
Summer	LYG	5719	SCHED	08/12/2020 23:33:16	7	107	387	323	065:21:22.80 N	096:34:33.00 W
Summer	LYG	5719	SCHED	08/12/2020 23:35:21	8	79	230	292	065:24:13.80 N	096:39:43.20 W
Summer	LYG	5719	ARRIVAL	08/12/2020 23:36:52	2	0	160	138	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5719	XML_FLIGHT_SUMMARY	08/12/2020 23:36:53	0	0	0	0		
Summer	LYG	5720	POWER_ON	08/13/2020 11:11:24	NA	NA	NA	NA		
Summer	LYG	5720	SCHED	08/13/2020 11:12:13	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5720	DEPARTURE	08/13/2020 11:14:58	1	98	373	145	065:23:02.39 N	096:36:55.20 W
Summer	LYG	5720	SCHED	08/13/2020 11:17:06	2	108	434	144	065:20:07.20 N	096:31:57.60 W
Summer	LYG	5720	SCHED	08/13/2020 11:19:20	3	111	417	153	065:16:52.80 N	096:27:03.00 W
Summer	LYG	5720	SCHED	08/13/2020 11:21:35	4	0	136	55	065:15:14.40 N	096:24:44.39 W
Summer	LYG	5720	ARRIVAL	08/13/2020 11:21:48	1	0	137	55	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5720	XML_FLIGHT_SUMMARY	08/13/2020 11:21:49	0	0	0	0		
Summer	LYG	5720	SCHED	08/13/2020 11:26:55	5	0	136	55	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5721	DEPARTURE	08/13/2020 11:27:39	2	69	200	25	065:15:25.79 N	096:24:09.59 W
Summer	LYG	5721	SCHED	08/13/2020 11:29:50	6	120	464	318	065:18:24.59 N	096:28:49.79 W
Summer	LYG	5721	SCHED	08/13/2020 11:32:00	7	123	441	326	065:22:06.59 N	096:35:10.79 W
Summer	LYG	5721	SCHED	08/13/2020 11:34:06	8	41	198	193	065:24:27.60 N	096:40:38.40 W
Summer	LYG	5721	ARRIVAL	08/13/2020 11:35:32	2	0	162	280	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5721	XML_FLIGHT_SUMMARY	08/13/2020 11:35:33	0	0	0	0		
Summer	LYG	5722	DEPARTURE	08/13/2020 11:38:09	3	31	247	335	065:24:34.19 N	096:40:40.20 W
Summer	LYG	5722	SCHED	08/13/2020 11:40:15	9	57	297	108	065:24:32.99 N	096:39:48.59 W
Summer	LYG	5722	SCHED	08/13/2020 11:42:22	10	74	498	148	065:22:57.60 N	096:35:37.19 W
Summer	LYG	5722	SCHED	08/13/2020 11:44:45	11	81	545	146	065:20:40.19 N	096:31:46.19 W
Summer	LYG	5722	SCHED	08/13/2020 11:46:51	12	80	547	152	065:17:56.40 N	096:27:54.00 W
Summer	LYG	5722	SCHED	08/13/2020 11:49:00	13	51	315	151	065:15:46.19 N	096:25:11.99 W
Summer	LYG	5722	SCHED	08/13/2020 11:51:05	14	1	186	182	065:15:17.99 N	096:24:47.39 W
Summer	LYG	5722	SCHED	08/13/2020 11:53:11	15	92	502	325	065:17:14.99 N	096:26:19.19 W
Summer	LYG	5722	SCHED	08/13/2020 11:55:18	16	96	595	323	065:19:51.60 N	096:30:59.39 W
Summer	LYG	5722	SCHED	08/13/2020 11:57:27	17	99	595	322	065:22:30.60 N	096:35:49.79 W
Summer	LYG	5722	SCHED	08/13/2020 11:59:33	18	54	299	288	065:24:43.20 N	096:40:04.79 W
Summer	LYG	5722	SCHED	08/13/2020 12:01:39	19	31	238	131	065:24:31.80 N	096:40:47.39 W
Summer	LYG	5722	SCHED	08/13/2020 12:03:52	20	74	387	139	065:23:50.99 N	096:38:54.59 W
Summer	LYG	5722	SCHED	08/13/2020 12:06:00	21	91	560	143	065:21:15.00 N	096:34:15.60 W
Summer	LYG	5722	SCHED	08/13/2020 12:08:06	22	96	547	147	065:18:43.19 N	096:29:07.80 W
Summer	LYG	5722	SCHED	08/13/2020 12:10:15	23	71	406	154	065:16:01.80 N	096:25:21.00 W
Summer	LYG	5722	SCHED	08/13/2020 12:12:22	24	0	184	284	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5722	SCHED	08/13/2020 12:14:27	25	87	522	322	065:17:05.99 N	096:26:22.80 W
Summer	LYG	5722	SCHED	08/13/2020 12:16:38	26	93	659	322	065:19:35.99 N	096:30:55.80 W
Summer	LYG	5722	SCHED	08/13/2020 12:18:46	27	96	577	332	065:22:24.60 N	096:35:43.19 W
Summer	LYG	5722	SCHED	08/13/2020 12:20:52	28	63	333	275	065:24:45.60 N	096:39:52.19 W
Summer	LYG	5722	SCHED	08/13/2020 12:22:58	29	1	177	278	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5722	ARRIVAL	08/13/2020 12:24:17	3	0	167	326	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5722	XML_FLIGHT_SUMMARY	08/13/2020 12:24:18	0	0	0	0		
Summer	LYG	5722	SCHED	08/13/2020 12:30:02	30	0	162	326	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5723	POWER_ON	08/13/2020 12:46:55	NA	NA	NA	NA		
Summer	LYG	5723	SCHED	08/13/2020 12:47:44	1	0	169	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5723	DEPARTURE	08/13/2020 12:50:30	1	73	238	114	065:24:14.39 N	096:39:52.80 W
Summer	LYG	5723	SCHED	08/13/2020 12:52:36	2	106	409	140	065:21:21.00 N	096:34:22.19 W
Summer	LYG	5723	SCHED	08/13/2020 12:54:41	3	111	413	145	065:18:25.79 N	096:28:39.00 W
Summer	LYG	5723	SCHED	08/13/2020 12:56:50	4	58	197	181	065:15:26.99 N	096:24:23.99 W
Summer	LYG	5723	ARRIVAL	08/13/2020 12:58:14	1	0	139	16	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5723	XML_FLIGHT_SUMMARY	08/13/2020 12:58:15	0	0	0	0		
Summer	LYG	5724	POWER_ON	08/13/2020 13:15:28	NA	NA	NA	NA		
Summer	LYG	5724	SCHED	08/13/2020 13:16:23	1	0	135	0	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5724	SCHED	08/13/2020 13:21:34	2	0	191	48	065:15:18.59 N	096:24:46.20 W
Summer	LYG	5724	DEPARTURE	08/13/2020 13:23:35	1	54	217	39	065:15:28.79 N	096:24:14.39 W
Summer	LYG	5724	SCHED	08/13/2020 13:25:45	3	0	135	38	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5724	ARRIVAL	08/13/2020 13:26:18	1	0	136	38	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5724	DEPARTURE	08/13/2020 13:27:31	2	53	166	53	065:15:25.79 N	096:24:12.60 W
Summer	LYG	5724	ARRIVAL	08/13/2020 13:29:10	2	0	133	343	065:15:32.39 N	096:23:46.20 W
Summer	LYG	5724	DEPARTURE	08/13/2020 13:31:22	3	58	215	244	065:15:24.59 N	096:24:25.20 W
Summer	LYG	5724	SCHED	08/13/2020 13:33:31	4	5	181	172	065:15:34.20 N	096:23:44.39 W
Summer	LYG	5724	SCHED	08/13/2020 13:35:41	5	24	207	53	065:15:19.79 N	096:24:39.59 W
Summer	LYG	5724	SCHED	08/13/2020 13:37:50	6	56	218	242	065:15:25.20 N	096:24:21.00 W
Summer	LYG	5724	SCHED	08/13/2020 13:39:56	7	3	179	203	065:15:34.20 N	096:23:44.39 W
Summer	LYG	5724	SCHED	08/13/2020 13:42:02	8	1	171	94	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5724	SCHED	08/13/2020 13:44:55	9	3	175	225	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5724	SCHED	08/13/2020 13:47:05	10	42	218	43	065:15:25.20 N	096:24:30.60 W
Summer	LYG	5724	SCHED	08/13/2020 13:49:11	11	5	184	214	065:15:18.59 N	096:24:46.79 W
Summer	LYG	5724	SCHED	08/13/2020 13:51:16	12	1	168	134	065:15:33.59 N	096:23:45.00 W
Summer	LYG	5724	SCHED	08/13/2020 13:53:22	13	24	197	56	065:15:19.20 N	096:24:40.80 W
Summer	LYG	5724	SCHED	08/13/2020 13:55:28	14	57	201	241	065:15:27.60 N	096:24:09.59 W
Summer	LYG	5724	SCHED	08/13/2020 13:57:40	15	3	190	181	065:15:34.20 N	096:23:43.79 W
Summer	LYG	5724	SCHED	08/13/2020 13:59:45	16	70	167	48	065:15:33.00 N	096:24:06.00 W
Summer	LYG	5724	ARRIVAL	08/13/2020 14:01:10	3	0	132	32	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5724	XML_FLIGHT_SUMMARY	08/13/2020 14:01:11	0	0	0	0		
Summer	LYG	5725	DEPARTURE	08/13/2020 14:02:26	4	64	161	233	065:15:19.79 N	096:24:18.60 W
Summer	LYG	5725	ARRIVAL	08/13/2020 14:03:55	4	0	136	13	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5725	SCHED	08/13/2020 14:09:01	17	0	202	310	065:15:17.99 N	096:24:47.39 W
Summer	LYG	5725	DEPARTURE	08/13/2020 14:10:29	5	36	241	24	065:15:19.20 N	096:24:11.39 W
Summer	LYG	5725	SCHED	08/13/2020 14:12:34	18	77	156	302	065:15:32.39 N	096:24:06.59 W
Summer	LYG	5725	SCHED	08/13/2020 14:14:44	19	118	385	324	065:18:34.80 N	096:29:23.40 W
Summer	LYG	5725	SCHED	08/13/2020 14:16:55	20	122	388	326	065:22:13.20 N	096:35:38.39 W
Summer	LYG	5725	SCHED	08/13/2020 14:19:04	21	37	182	195	065:24:23.39 N	096:40:34.79 W
Summer	LYG	5725	ARRIVAL	08/13/2020 14:20:19	5	0	164	319	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5725	XML_FLIGHT_SUMMARY	08/13/2020 14:20:20	0	0	0	0		
Summer	LYG	5726	POWER_ON	08/13/2020 14:37:40	NA	NA	NA	NA		
Summer	LYG	5726	SCHED	08/13/2020 14:38:26	1	0	162	246	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5726	DEPARTURE	08/13/2020 14:39:39	1	69	225	92	065:24:19.80 N	096:39:50.40 W
Summer	LYG	5726	SCHED	08/13/2020 14:41:46	2	104	436	145	065:21:55.20 N	096:34:47.40 W
Summer	LYG	5726	SCHED	08/13/2020 14:44:04	3	107	484	145	065:18:43.19 N	096:29:31.79 W
Summer	LYG	5726	SCHED	08/13/2020 14:46:14	4	82	221	136	065:15:46.19 N	096:24:41.99 W
Summer	LYG	5726	SCHED	08/13/2020 14:48:22	5	1	125	216	065:14:29.40 N	096:22:44.40 W
Summer	LYG	5726	ARRIVAL	08/13/2020 14:50:39	1	0	123	250	065:14:29.40 N	096:22:44.40 W
Summer	LYG	5726	XML_FLIGHT_SUMMARY	08/13/2020 14:50:40	0	0	0	0		
Summer	LYG	5727	DEPARTURE	08/13/2020 14:50:52	2	71	177	326	065:14:42.00 N	096:22:35.39 W
Summer	LYG	5727	ARRIVAL	08/13/2020 14:52:42	2	0	138	358	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5727	DEPARTURE	08/13/2020 14:54:10	3	51	162	45	065:15:26.40 N	096:24:15.59 W
Summer	LYG	5727	ARRIVAL	08/13/2020 14:55:36	3	0	131	62	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5727	DEPARTURE	08/13/2020 14:57:51	4	60	235	239	065:15:25.20 N	096:24:22.19 W
Summer	LYG	5727	SCHED	08/13/2020 15:00:14	6	23	218	100	065:15:36.00 N	096:23:46.79 W
Summer	LYG	5727	SCHED	08/13/2020 15:02:33	7	1	185	252	065:15:17.99 N	096:24:47.39 W
Summer	LYG	5727	SCHED	08/13/2020 15:04:49	8	7	196	175	065:15:34.79 N	096:23:43.79 W
Summer	LYG	5727	SCHED	08/13/2020 15:07:07	9	58	210	247	065:15:23.40 N	096:24:26.39 W
Summer	LYG	5727	SCHED	08/13/2020 15:09:18	10	3	175	193	065:15:34.20 N	096:23:44.39 W
Summer	LYG	5727	SCHED	08/13/2020 15:11:24	11	45	216	241	065:15:20.99 N	096:24:35.99 W
Summer	LYG	5727	SCHED	08/13/2020 15:13:36	12	40	207	53	065:15:21.60 N	096:24:34.79 W
Summer	LYG	5727	SCHED	08/13/2020 15:15:50	13	67	219	241	065:15:25.20 N	096:24:15.00 W
Summer	LYG	5727	SCHED	08/13/2020 15:18:06	14	6	192	155	065:15:34.20 N	096:23:45.00 W
Summer	LYG	5727	SCHED	08/13/2020 15:20:13	15	4	184	220	065:15:17.99 N	096:24:46.79 W
Summer	LYG	5727	SCHED	08/13/2020 15:22:22	16	57	198	240	065:15:29.40 N	096:23:58.20 W
Summer	LYG	5727	SCHED	08/13/2020 15:24:30	17	20	204	104	065:15:36.59 N	096:23:47.39 W
Summer	LYG	5727	SCHED	08/13/2020 15:26:42	18	60	185	221	065:15:17.40 N	096:24:14.39 W
Summer	LYG	5727	ARRIVAL	08/13/2020 15:28:10	4	0	135	38	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5727	XML_FLIGHT_SUMMARY	08/13/2020 15:28:11	0	0	0	0		
Summer	LYG	5728	DEPARTURE	08/13/2020 15:29:25	5	52	164	52	065:15:22.79 N	096:24:08.39 W
Summer	LYG	5728	ARRIVAL	08/13/2020 15:30:52	5	0	133	41	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5728	DEPARTURE	08/13/2020 15:35:37	6	64	231	239	065:15:20.99 N	096:24:21.00 W
Summer	LYG	5728	SCHED	08/13/2020 15:37:48	19	104	355	321	065:16:33.59 N	096:26:21.00 W
Summer	LYG	5728	SCHED	08/13/2020 15:39:58	20	121	403	328	065:20:01.20 N	096:32:33.59 W
Summer	LYG	5728	SCHED	08/13/2020 15:42:07	21	120	393	330	065:23:40.19 N	096:37:52.20 W
Summer	LYG	5728	SCHED	08/13/2020 15:44:15	22	0	170	57	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5728	ARRIVAL	08/13/2020 15:44:41	6	0	166	57	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5728	XML_FLIGHT_SUMMARY	08/13/2020 15:44:42	0	0	0	0		
Summer	LYG	5729	POWER_ON	08/13/2020 15:56:36	NA	NA	NA	NA		
Summer	LYG	5729	SCHED	08/13/2020 15:57:21	1	0	164	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5729	DEPARTURE	08/13/2020 15:58:39	1	65	229	122	065:24:14.39 N	096:39:57.00 W
Summer	LYG	5729	SCHED	08/13/2020 16:00:47	2	107	343	141	065:21:34.79 N	096:34:57.60 W
Summer	LYG	5729	SCHED	08/13/2020 16:02:58	3	102	329	145	065:18:35.39 N	096:29:43.80 W
Summer	LYG	5729	SCHED	08/13/2020 16:05:04	4	74	235	147	065:15:49.19 N	096:24:11.99 W
Summer	LYG	5729	ARRIVAL	08/13/2020 16:06:42	1	0	136	3	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5729	XML_FLIGHT_SUMMARY	08/13/2020 16:06:43	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5730	DEPARTURE	08/13/2020 16:09:28	2	49	160	228	065:15:21.60 N	096:24:17.39 W
Summer	LYG	5730	ARRIVAL	08/13/2020 16:09:37	2	0	137	81	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5730	DEPARTURE	08/13/2020 16:14:02	3	51	226	32	065:15:28.20 N	096:24:21.00 W
Summer	LYG	5730	SCHED	08/13/2020 16:16:08	5	0	180	94	065:15:17.99 N	096:24:47.99 W
Summer	LYG	5730	SCHED	08/13/2020 16:18:13	6	1	172	88	065:15:33.59 N	096:23:45.00 W
Summer	LYG	5730	SCHED	08/13/2020 16:20:20	7	33	209	53	065:15:20.99 N	096:24:37.19 W
Summer	LYG	5730	SCHED	08/13/2020 16:22:29	8	13	192	237	065:15:19.20 N	096:24:42.60 W
Summer	LYG	5730	SCHED	08/13/2020 16:24:45	9	1	171	210	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:26:54	10	35	200	61	065:15:19.79 N	096:24:36.60 W
Summer	LYG	5730	SCHED	08/13/2020 16:29:05	11	50	207	239	065:15:22.20 N	096:24:31.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:31:10	12	3	176	187	065:15:34.20 N	096:23:44.39 W
Summer	LYG	5730	SCHED	08/13/2020 16:34:13	13	41	212	57	065:15:34.20 N	096:23:58.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:36:19	14	0	180	66	065:15:17.99 N	096:24:46.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:38:25	15	1	174	10	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:40:31	16	1	184	177	065:15:17.99 N	096:24:46.20 W
Summer	LYG	5730	SCHED	08/13/2020 16:42:43	17	1	173	299	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5730	SCHED	08/13/2020 16:44:54	18	58	222	49	065:15:34.79 N	096:24:01.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:47:03	19	0	162	331	065:15:19.20 N	096:24:33.00 W
Summer	LYG	5730	SCHED	08/13/2020 16:49:10	20	18	173	228	065:15:31.20 N	096:23:35.99 W
Summer	LYG	5730	SCHED	08/13/2020 16:51:15	21	2	152	10	065:15:18.59 N	096:24:16.19 W
Summer	LYG	5730	SCHED	08/13/2020 16:53:27	22	3	166	125	065:15:32.39 N	096:23:34.79 W
Summer	LYG	5730	SCHED	08/13/2020 16:55:40	23	1	150	272	065:15:17.99 N	096:24:14.39 W
Summer	LYG	5730	SCHED	08/13/2020 16:57:47	24	2	167	168	065:15:30.59 N	096:23:26.99 W
Summer	LYG	5730	SCHED	08/13/2020 16:59:55	25	47	197	49	065:15:30.00 N	096:23:41.99 W
Summer	LYG	5730	SCHED	08/13/2020 17:02:02	26	1	148	33	065:15:17.99 N	096:24:13.80 W
Summer	LYG	5730	SCHED	08/13/2020 17:04:09	27	58	176	243	065:15:25.79 N	096:23:43.79 W
Summer	LYG	5730	SCHED	08/13/2020 17:06:22	28	2	154	209	065:15:30.00 N	096:23:27.60 W
Summer	LYG	5730	SCHED	08/13/2020 17:08:30	29	39	147	38	065:15:20.40 N	096:24:22.19 W
Summer	LYG	5730	ARRIVAL	08/13/2020 17:09:45	3	0	120	203	065:15:20.40 N	096:24:10.20 W
Summer	LYG	5730	XML_FLIGHT_SUMMARY	08/13/2020 17:09:46	0	0	0	0		
Summer	LYG	5731	DEPARTURE	08/13/2020 17:10:50	4	41	163	30	065:15:33.00 N	096:23:50.40 W
Summer	LYG	5731	ARRIVAL	08/13/2020 17:12:15	4	0	127	123	065:15:37.79 N	096:23:35.99 W
Summer	LYG	5731	DEPARTURE	08/13/2020 17:14:14	5	39	150	334	065:15:42.59 N	096:23:24.60 W
Summer	LYG	5731	SCHED	08/13/2020 17:16:20	30	124	391	322	065:18:17.39 N	096:28:26.40 W
Summer	LYG	5731	SCHED	08/13/2020 17:18:37	31	132	424	324	065:21:51.60 N	096:34:51.60 W
Summer	LYG	5731	SCHED	08/13/2020 17:20:43	32	34	174	187	065:24:21.60 N	096:40:36.59 W
Summer	LYG	5731	ARRIVAL	08/13/2020 17:21:59	5	0	158	301	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5731	XML_FLIGHT_SUMMARY	08/13/2020 17:22:00	0	0	0	0		
Summer	LYG	5732	POWER_ON	08/13/2020 17:39:39	NA	NA	NA	NA		
Summer	LYG	5732	SCHED	08/13/2020 17:40:35	1	0	159	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5732	DEPARTURE	08/13/2020 17:41:39	1	60	257	109	065:24:16.80 N	096:39:57.00 W
Summer	LYG	5732	SCHED	08/13/2020 17:43:46	2	89	344	145	065:21:45.00 N	096:35:25.20 W
Summer	LYG	5732	SCHED	08/13/2020 17:45:55	3	108	367	138	065:19:04.20 N	096:30:08.40 W
Summer	LYG	5732	SCHED	08/13/2020 17:48:06	4	86	277	131	065:16:18.59 N	096:24:31.19 W
Summer	LYG	5732	SCHED	08/13/2020 17:50:11	5	0	131	95	065:15:31.79 N	096:23:45.60 W
Summer	LYG	5732	ARRIVAL	08/13/2020 17:50:15	1	0	131	95	065:15:31.79 N	096:23:45.60 W
Summer	LYG	5732	XML_FLIGHT_SUMMARY	08/13/2020 17:50:16	0	0	0	0		
Summer	LYG	5733	DEPARTURE	08/13/2020 17:51:40	2	61	154	229	065:15:17.40 N	096:24:13.80 W
Summer	LYG	5733	SCHED	08/13/2020 17:53:50	6	36	177	306	065:14:48.59 N	096:25:11.39 W
Summer	LYG	5733	SCHED	08/13/2020 17:55:59	7	0	131	112	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5733	ARRIVAL	08/13/2020 17:56:43	2	0	131	112	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5733	DEPARTURE	08/13/2020 17:57:53	3	45	190	37	065:15:16.79 N	096:25:00.00 W
Summer	LYG	5733	SCHED	08/13/2020 18:00:00	8	19	203	196	065:15:16.19 N	096:24:48.59 W
Summer	LYG	5733	SCHED	08/13/2020 18:02:05	9	1	169	208	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5733	SCHED	08/13/2020 18:04:12	10	24	208	202	065:15:15.00 N	096:24:49.79 W
Summer	LYG	5733	SCHED	08/13/2020 18:06:21	11	52	203	16	065:15:09.60 N	096:25:05.40 W
Summer	LYG	5733	SCHED	08/13/2020 18:08:27	12	2	168	252	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5733	SCHED	08/13/2020 18:10:35	13	50	208	19	065:15:04.79 N	096:25:06.00 W
Summer	LYG	5733	SCHED	08/13/2020 18:12:54	14	7	193	181	065:15:17.40 N	096:24:46.79 W
Summer	LYG	5733	SCHED	08/13/2020 18:15:00	15	7	171	103	065:14:58.80 N	096:25:15.60 W
Summer	LYG	5733	SCHED	08/13/2020 18:17:14	16	18	199	221	065:15:01.80 N	096:25:11.99 W
Summer	LYG	5733	SCHED	08/13/2020 18:19:19	17	8	149	178	065:15:15.00 N	096:24:42.60 W
Summer	LYG	5733	ARRIVAL	08/13/2020 18:20:40	3	0	137	15	065:15:15.00 N	096:24:44.39 W
Summer	LYG	5733	DEPARTURE	08/13/2020 18:21:40	4	38	165	239	065:15:05.39 N	096:25:10.20 W
Summer	LYG	5733	ARRIVAL	08/13/2020 18:22:59	4	0	131	161	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5733	POWER_ON	08/13/2020 18:52:28	NA	NA	NA	NA		
Summer	LYG	5733	DEPARTURE	08/13/2020 18:55:29	1	76	221	41	065:15:03.60 N	096:24:35.40 W
Summer	LYG	5733	SCHED	08/13/2020 18:55:37	1	119	461	325	065:17:05.40 N	096:26:44.39 W
Summer	LYG	5733	SCHED	08/13/2020 18:57:43	2	139	487	327	065:20:46.19 N	096:33:10.20 W
Summer	LYG	5733	SCHED	08/13/2020 18:59:51	3	104	352	318	065:24:37.19 N	096:39:13.20 W
Summer	LYG	5733	ARRIVAL	08/13/2020 19:01:59	1	0	161	300	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5733	XML_FLIGHT_SUMMARY	08/13/2020 19:02:00	0	0	0	0		
Summer	LYG	5734	POWER_ON	08/13/2020 20:51:20	NA	NA	NA	NA		
Summer	LYG	5734	SCHED	08/13/2020 20:52:17	1	0	163	323	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5734	DEPARTURE	08/13/2020 20:53:35	1	63	224	122	065:24:14.39 N	096:39:57.60 W
Summer	LYG	5734	SCHED	08/13/2020 20:55:46	2	76	267	289	065:22:45.00 N	096:45:01.79 W
Summer	LYG	5734	SCHED	08/13/2020 20:58:01	3	1	164	274	065:22:50.99 N	096:44:40.79 W
Summer	LYG	5734	SCHED	08/13/2020 21:00:13	4	2	163	320	065:23:44.40 N	096:40:42.60 W
Summer	LYG	5734	ARRIVAL	08/13/2020 21:01:21	1	0	157	131	065:23:44.40 N	096:40:38.40 W
Summer	LYG	5734	XML_FLIGHT_SUMMARY	08/13/2020 21:01:22	0	0	0	0		
Summer	LYG	5735	POWER_ON	08/13/2020 21:13:31	NA	NA	NA	NA		
Summer	LYG	5735	SCHED	08/13/2020 21:14:36	1	0	154	231	065:23:44.40 N	096:40:38.40 W
Summer	LYG	5735	DEPARTURE	08/13/2020 21:16:12	1	47	268	236	065:23:33.60 N	096:41:14.39 W
Summer	LYG	5735	SCHED	08/13/2020 21:18:18	2	3	241	48	065:22:51.60 N	096:44:37.79 W
Summer	LYG	5735	SCHED	08/13/2020 21:20:29	3	70	254	84	065:22:52.79 N	096:43:23.40 W
Summer	LYG	5735	SCHED	08/13/2020 21:22:38	4	82	283	253	065:24:50.40 N	096:40:15.60 W
Summer	LYG	5735	ARRIVAL	08/13/2020 21:24:29	1	0	165	318	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5735	XML_FLIGHT_SUMMARY	08/13/2020 21:24:30	0	0	0	0		
Summer	LYG	5736	POWER_ON	08/13/2020 21:44:15	NA	NA	NA	NA		
Summer	LYG	5736	POWER_ON	08/13/2020 21:45:19	NA	NA	NA	NA		
Summer	LYG	5736	DEPARTURE	08/13/2020 21:46:18	1	62	183	124	065:24:14.39 N	096:39:56.39 W
Summer	LYG	5736	SCHED	08/13/2020 21:46:27	1	80	314	139	065:23:43.80 N	096:38:45.60 W

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5736	SCHED	08/13/2020 21:48:34	2	95	353	149	065:20:49.19 N	096:34:00.00 W
Summer	LYG	5736	SCHED	08/13/2020 21:50:45	3	95	350	143	065:18:05.40 N	096:29:32.39 W
Summer	LYG	5736	SCHED	08/13/2020 21:52:54	4	88	275	138	065:15:26.99 N	096:24:07.80 W
Summer	LYG	5736	SCHED	08/13/2020 21:55:03	5	0	130	162	065:14:34.79 N	096:24:31.79 W
Summer	LYG	5736	ARRIVAL	08/13/2020 21:55:12	1	0	131	162	065:14:34.79 N	096:24:31.79 W
Summer	LYG	5736	XML_FLIGHT_SUMMARY	08/13/2020 21:55:13	0	0	0	0		
Summer	LYG	5737	DEPARTURE	08/13/2020 21:57:20	2	41	142	114	065:14:29.99 N	096:23:43.79 W
Summer	LYG	5737	ARRIVAL	08/13/2020 21:58:34	2	0	118	188	065:14:25.20 N	096:23:31.19 W
Summer	LYG	5737	DEPARTURE	08/13/2020 22:00:23	3	43	150	75	065:14:33.00 N	096:22:56.99 W
Summer	LYG	5737	ARRIVAL	08/13/2020 22:01:56	3	0	118	179	065:14:30.59 N	096:22:46.19 W
Summer	LYG	5737	DEPARTURE	08/13/2020 22:04:28	4	66	204	48	065:14:29.99 N	096:22:10.79 W
Summer	LYG	5737	SCHED	08/13/2020 22:06:42	6	128	407	324	065:18:58.80 N	096:29:28.20 W
Summer	LYG	5737	SCHED	08/13/2020 22:08:53	7	133	330	324	065:22:56.40 N	096:36:19.79 W
Summer	LYG	5737	SCHED	08/13/2020 22:11:01	8	3	159	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5737	ARRIVAL	08/13/2020 22:11:53	4	0	164	323	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5737	XML_FLIGHT_SUMMARY	08/13/2020 22:11:54	0	0	0	0		
Summer	LYG	5738	POWER_ON	08/13/2020 22:21:19	NA	NA	NA	NA		
Summer	LYG	5738	SCHED	08/13/2020 22:22:15	1	0	161	116	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5738	DEPARTURE	08/13/2020 22:22:58	1	69	226	120	065:24:13.80 N	096:39:56.39 W
Summer	LYG	5738	SCHED	08/13/2020 22:25:08	2	100	456	150	065:21:17.39 N	096:35:17.39 W
Summer	LYG	5738	SCHED	08/13/2020 22:27:15	3	105	448	148	065:18:09.59 N	096:30:21.59 W
Summer	LYG	5738	SCHED	08/13/2020 22:29:20	4	105	509	147	065:15:10.19 N	096:25:43.79 W
Summer	LYG	5738	SCHED	08/13/2020 22:31:30	5	101	509	147	065:12:07.19 N	096:21:05.40 W
Summer	LYG	5738	SCHED	08/13/2020 22:33:46	6	103	497	151	065:08:58.20 N	096:16:33.00 W
Summer	LYG	5738	SCHED	08/13/2020 22:35:52	7	105	485	148	065:05:40.19 N	096:11:49.19 W
Summer	LYG	5738	SCHED	08/13/2020 22:38:00	8	95	369	142	065:02:43.80 N	096:06:53.99 W
Summer	LYG	5738	SCHED	08/13/2020 22:40:09	9	0	137	191	065:01:25.79 N	096:04:13.79 W
Summer	LYG	5738	ARRIVAL	08/13/2020 22:40:24	1	0	137	191	065:01:25.79 N	096:04:13.79 W
Summer	LYG	5738	XML_FLIGHT_SUMMARY	08/13/2020 22:40:25	0	0	0	0		
Summer	LYG	5739	DEPARTURE	08/13/2020 22:45:24	2	56	221	56	065:01:25.79 N	096:03:33.59 W
Summer	LYG	5739	SCHED	08/13/2020 22:47:31	10	132	481	325	065:04:48.60 N	096:08:36.60 W
Summer	LYG	5739	SCHED	08/13/2020 22:49:40	11	137	545	329	065:08:47.99 N	096:14:46.80 W
Summer	LYG	5739	SCHED	08/13/2020 22:51:45	12	138	458	326	065:12:59.39 N	096:20:56.99 W
Summer	LYG	5739	SCHED	08/13/2020 22:53:51	13	136	407	327	065:16:57.60 N	096:27:22.80 W
Summer	LYG	5739	SCHED	08/13/2020 22:55:59	14	137	428	331	065:20:56.99 N	096:33:16.20 W
Summer	LYG	5739	SCHED	08/13/2020 22:58:04	15	106	281	289	065:24:47.99 N	096:39:20.40 W
Summer	LYG	5739	ARRIVAL	08/13/2020 22:59:58	2	0	162	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5739	XML_FLIGHT_SUMMARY	08/13/2020 22:59:59	0	0	0	0		
Summer	LYG	5740	DEPARTURE	08/13/2020 23:02:25	3	59	214	119	065:24:15.00 N	096:39:59.39 W
Summer	LYG	5740	SCHED	08/13/2020 23:04:30	16	96	326	149	065:21:52.20 N	096:36:06.59 W
Summer	LYG	5740	SCHED	08/13/2020 23:06:37	17	95	353	145	065:19:11.99 N	096:31:44.39 W
Summer	LYG	5740	SCHED	08/13/2020 23:08:48	18	100	287	134	065:16:33.59 N	096:26:46.20 W
Summer	LYG	5740	SCHED	08/13/2020 23:10:54	19	0	135	13	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5740	ARRIVAL	08/13/2020 23:11:15	3	0	137	13	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5740	XML_FLIGHT_SUMMARY	08/13/2020 23:11:16	0	0	0	0		
Summer	LYG	5741	DEPARTURE	08/13/2020 23:15:34	4	73	195	33	065:15:34.20 N	096:23:08.40 W
Summer	LYG	5741	SCHED	08/13/2020 23:17:43	20	129	384	323	065:18:51.60 N	096:28:48.59 W
Summer	LYG	5741	SCHED	08/13/2020 23:19:48	21	131	351	323	065:22:24.00 N	096:35:24.00 W
Summer	LYG	5741	SCHED	08/13/2020 23:21:53	22	19	171	193	065:24:19.80 N	096:40:38.40 W
Summer	LYG	5741	ARRIVAL	08/13/2020 23:23:03	4	0	161	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5741	XML_FLIGHT_SUMMARY	08/13/2020 23:23:04	0	0	0	0		
Summer	LYG	5742	POWER_ON	08/14/2020 11:02:22	NA	NA	NA	NA		
Summer	LYG	5742	SCHED	08/14/2020 11:03:10	1	0	158	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5742	DEPARTURE	08/14/2020 11:05:14	1	59	215	98	065:24:17.39 N	096:39:57.60 W
Summer	LYG	5742	SCHED	08/14/2020 11:07:28	2	77	254	154	065:22:10.79 N	096:35:55.20 W
Summer	LYG	5742	SCHED	08/14/2020 11:09:38	3	81	267	146	065:19:46.80 N	096:32:24.00 W
Summer	LYG	5742	SCHED	08/14/2020 11:11:49	4	76	288	140	065:17:31.19 N	096:28:30.00 W
Summer	LYG	5742	SCHED	08/14/2020 11:13:57	5	52	166	121	065:15:39.59 N	096:24:03.59 W
Summer	LYG	5742	ARRIVAL	08/14/2020 11:15:18	1	0	136	110	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5742	XML_FLIGHT_SUMMARY	08/14/2020 11:15:19	0	0	0	0		
Summer	LYG	5742	SCHED	08/14/2020 11:20:25	6	0	134	110	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5742	SCHED	08/14/2020 11:25:31	7	0	138	110	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5742	SCHED	08/14/2020 11:30:39	8	0	137	110	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5743	DEPARTURE	08/14/2020 11:33:06	2	64	194	39	065:15:36.00 N	096:23:09.59 W
Summer	LYG	5743	SCHED	08/14/2020 11:35:17	9	129	343	318	065:18:51.60 N	096:28:57.59 W
Summer	LYG	5743	SCHED	08/14/2020 11:37:23	10	134	306	324	065:22:34.19 N	096:36:20.40 W
Summer	LYG	5743	SCHED	08/14/2020 11:39:36	11	2	164	203	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5743	ARRIVAL	08/14/2020 11:40:37	2	0	159	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5743	XML_FLIGHT_SUMMARY	08/14/2020 11:40:38	0	0	0	0		
Summer	LYG	5744	DEPARTURE	08/14/2020 11:44:51	3	39	227	106	065:24:16.19 N	096:40:04.79 W
Summer	LYG	5744	SCHED	08/14/2020 11:46:58	12	46	250	146	065:23:06.00 N	096:37:56.40 W
Summer	LYG	5744	SCHED	08/14/2020 11:49:51	13	51	250	144	065:21:24.59 N	096:35:11.40 W
Summer	LYG	5744	SCHED	08/14/2020 11:51:15	14	50	248	138	065:20:31.19 N	096:33:34.19 W
Summer	LYG	5744	SCHED	08/14/2020 11:54:46	15	46	253	147	065:18:25.20 N	096:29:46.20 W
Summer	LYG	5744	SCHED	08/14/2020 11:56:53	16	47	256	147	065:16:54.60 N	096:26:50.40 W
Summer	LYG	5744	SCHED	08/14/2020 11:58:59	17	40	212	132	065:15:43.80 N	096:24:04.79 W
Summer	LYG	5744	SCHED	08/14/2020 12:01:05	18	1	166	212	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5744	SCHED	08/14/2020 12:03:12	19	92	257	325	065:16:07.19 N	096:23:36.60 W
Summer	LYG	5744	SCHED	08/14/2020 12:05:17	20	91	252	315	065:18:23.39 N	096:28:52.19 W
Summer	LYG	5744	SCHED	08/14/2020 12:07:24	21	102	281	318	065:20:55.20 N	096:34:20.40 W
Summer	LYG	5744	SCHED	08/14/2020 12:09:33	22	80	265	338	065:23:22.80 N	096:39:04.79 W
Summer	LYG	5744	SCHED	08/14/2020 12:11:42	23	4	205	210	065:24:18.60 N	096:40:41.40 W
Summer	LYG	5744	ARRIVAL	08/14/2020 12:13:42	3	0	169	323	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5744	XML_FLIGHT_SUMMARY	08/14/2020 12:13:43	0	0	0	0		
Summer	LYG	5745	POWER_ON	08/14/2020 16:49:07	NA	NA	NA	NA		
Summer	LYG	5745	SCHED	08/14/2020 16:50:03	1	0	144	327	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5745	DEPARTURE	08/14/2020 16:51:31	1	55	220	120	065:24:15.00 N	096:40:00.00 W
Summer	LYG	5745	SCHED	08/14/2020 16:53:40	2	87	218	144	065:21:51.60 N	096:36:04.79 W
Summer	LYG	5745	SCHED	08/14/2020 16:55:51	3	82	224	143	065:19:28.80 N	096:31:51.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5745	SCHED	08/14/2020 16:57:59	4	81	225	143	065:16:59.40 N	096:27:34.20 W
Summer	LYG	5745	SCHED	08/14/2020 17:00:11	5	19	143	126	065:15:34.20 N	096:23:50.99 W
Summer	LYG	5745	ARRIVAL	08/14/2020 17:01:20	1	0	133	83	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5745	XML_FLIGHT_SUMMARY	08/14/2020 17:01:21	0	0	0	0		
Summer	LYG	5746	POWER_ON	08/14/2020 18:57:44	NA	NA	NA	NA		
Summer	LYG	5746	SCHED	08/14/2020 18:58:31	1	0	125	0	065:15:33.00 N	096:23:46.20 W
Summer	LYG	5746	DEPARTURE	08/14/2020 18:59:26	1	78	191	354	065:15:47.39 N	096:23:23.39 W
Summer	LYG	5746	SCHED	08/14/2020 19:01:32	2	102	236	312	065:17:13.80 N	096:26:09.60 W
Summer	LYG	5746	SCHED	08/14/2020 19:03:41	3	111	215	318	065:19:51.60 N	096:32:50.39 W
Summer	LYG	5746	SCHED	08/14/2020 19:05:46	4	122	231	325	065:23:25.80 N	096:38:17.39 W
Summer	LYG	5746	SCHED	08/14/2020 19:07:52	5	0	161	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5746	ARRIVAL	08/14/2020 19:08:09	1	0	162	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5746	XML_FLIGHT_SUMMARY	08/14/2020 19:08:10	0	0	0	0		
Summer	LYG	5747	POWER_ON	08/14/2020 19:27:39	NA	NA	NA	NA		
Summer	LYG	5747	SCHED	08/14/2020 19:29:11	1	0	161	244	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5747	DEPARTURE	08/14/2020 19:29:39	1	74	208	118	065:24:14.39 N	096:39:51.00 W
Summer	LYG	5747	SCHED	08/14/2020 19:31:45	2	105	221	147	065:21:25.20 N	096:35:05.40 W
Summer	LYG	5747	SCHED	08/14/2020 19:33:50	3	106	233	145	065:18:19.20 N	096:30:20.40 W
Summer	LYG	5747	SCHED	08/14/2020 19:35:56	4	87	238	120	065:15:46.19 N	096:24:37.19 W
Summer	LYG	5747	ARRIVAL	08/14/2020 19:37:27	1	0	137	136	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5747	XML_FLIGHT_SUMMARY	08/14/2020 19:37:28	0	0	0	0		
Summer	LYG	5748	POWER_ON	08/14/2020 19:52:27	NA	NA	NA	NA		
Summer	LYG	5748	POWER_ON	08/14/2020 19:56:09	NA	NA	NA	NA		
Summer	LYG	5748	SCHED	08/14/2020 19:57:00	1	0	131	128	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5748	DEPARTURE	08/14/2020 20:01:59	1	38	209	241	065:15:19.20 N	096:24:06.59 W
Summer	LYG	5748	SCHED	08/14/2020 20:04:11	2	77	195	27	065:15:14.40 N	096:24:49.79 W
Summer	LYG	5748	ARRIVAL	08/14/2020 20:05:39	1	0	144	118	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5748	DEPARTURE	08/14/2020 20:07:38	2	78	175	246	065:15:17.99 N	096:24:18.00 W
Summer	LYG	5748	ARRIVAL	08/14/2020 20:09:11	2	0	133	132	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5748	DEPARTURE	08/14/2020 20:11:26	3	80	211	28	065:15:12.60 N	096:24:41.40 W
Summer	LYG	5748	SCHED	08/14/2020 20:13:31	3	59	212	240	065:15:06.60 N	096:24:54.00 W
Summer	LYG	5748	SCHED	08/14/2020 20:15:43	4	6	180	204	065:15:34.20 N	096:23:43.79 W
Summer	LYG	5748	SCHED	08/14/2020 20:17:53	5	1	167	184	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5748	SCHED	08/14/2020 20:19:59	6	0	175	352	065:15:33.59 N	096:23:45.00 W
Summer	LYG	5748	SCHED	08/14/2020 20:22:11	7	0	171	287	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5748	SCHED	08/14/2020 20:24:19	8	20	204	135	065:15:35.40 N	096:23:45.00 W
Summer	LYG	5748	SCHED	08/14/2020 20:26:30	9	3	173	193	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5748	SCHED	08/14/2020 20:28:38	10	44	202	89	065:15:37.19 N	096:23:50.99 W
Summer	LYG	5748	SCHED	08/14/2020 20:30:45	11	48	200	210	065:15:25.79 N	096:23:50.40 W
Summer	LYG	5748	SCHED	08/14/2020 20:32:58	12	1	168	263	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5748	SCHED	08/14/2020 20:35:10	13	39	201	211	065:15:29.40 N	096:23:49.79 W
Summer	LYG	5748	SCHED	08/14/2020 20:37:18	14	83	220	28	065:15:18.59 N	096:24:34.79 W
Summer	LYG	5748	SCHED	08/14/2020 20:39:36	15	64	219	230	065:15:16.19 N	096:24:21.60 W
Summer	LYG	5748	SCHED	08/14/2020 20:42:31	16	1	165	27	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5748	SCHED	08/14/2020 20:44:40	17	1	166	110	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5748	SCHED	08/14/2020 20:46:58	18	13	184	203	065:15:33.00 N	096:23:46.20 W
Summer	LYG	5748	SCHED	08/14/2020 20:49:08	19	1	170	171	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5748	SCHED	08/14/2020 20:51:16	20	7	179	199	065:15:33.00 N	096:23:45.60 W
Summer	LYG	5748	SCHED	08/14/2020 20:53:23	21	0	172	57	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5748	SCHED	08/14/2020 20:55:36	22	3	138	122	065:15:32.39 N	096:23:46.20 W
Summer	LYG	5748	ARRIVAL	08/14/2020 20:56:20	3	0	137	137	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5748	XML_FLIGHT_SUMMARY	08/14/2020 20:56:21	0	0	0	0		
Summer	LYG	5749	DEPARTURE	08/14/2020 20:57:18	4	77	186	243	065:15:18.59 N	096:24:16.80 W
Summer	LYG	5749	ARRIVAL	08/14/2020 20:59:01	4	0	134	149	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5749	DEPARTURE	08/14/2020 21:03:31	5	72	229	34	065:15:11.99 N	096:24:38.40 W
Summer	LYG	5749	SCHED	08/14/2020 21:05:39	23	117	265	315	065:16:35.40 N	096:25:10.80 W
Summer	LYG	5749	SCHED	08/14/2020 21:07:51	24	118	248	326	065:19:36.60 N	096:31:56.99 W
Summer	LYG	5749	SCHED	08/14/2020 21:10:08	25	117	266	326	065:23:09.00 N	096:37:38.40 W
Summer	LYG	5749	SCHED	08/14/2020 21:12:16	26	0	172	295	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5749	ARRIVAL	08/14/2020 21:12:28	5	0	176	295	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5749	XML_FLIGHT_SUMMARY	08/14/2020 21:12:29	0	0	0	0		
Summer	LYG	5750	DEPARTURE	08/14/2020 21:17:05	6	70	222	112	065:24:15.00 N	096:39:54.59 W
Summer	LYG	5750	SCHED	08/14/2020 21:19:14	27	110	274	151	065:21:20.39 N	096:34:56.40 W
Summer	LYG	5750	SCHED	08/14/2020 21:21:36	28	106	269	143	065:18:07.80 N	096:29:54.60 W
Summer	LYG	5750	SCHED	08/14/2020 21:23:47	29	15	135	147	065:15:01.19 N	096:25:18.60 W
Summer	LYG	5750	ARRIVAL	08/14/2020 21:24:43	6	0	127	133	065:15:00.00 N	096:25:17.39 W
Summer	LYG	5750	XML_FLIGHT_SUMMARY	08/14/2020 21:24:44	0	0	0	0		
Summer	LYG	5751	DEPARTURE	08/14/2020 21:26:06	7	66	168	43	065:15:11.99 N	096:24:42.60 W
Summer	LYG	5751	ARRIVAL	08/14/2020 21:27:42	7	0	124	126	065:15:31.79 N	096:23:45.60 W
Summer	LYG	5751	DEPARTURE	08/14/2020 21:31:24	8	65	223	228	065:15:18.59 N	096:24:16.19 W
Summer	LYG	5751	SCHED	08/14/2020 21:33:30	30	76	229	38	065:15:33.00 N	096:24:11.99 W
Summer	LYG	5751	SCHED	08/14/2020 21:35:39	31	6	173	271	065:14:58.80 N	096:25:15.00 W
Summer	LYG	5751	SCHED	08/14/2020 21:37:46	32	1	167	226	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5751	SCHED	08/14/2020 21:39:59	33	1	163	71	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5751	SCHED	08/14/2020 21:42:13	34	31	192	214	065:15:31.79 N	096:23:48.60 W
Summer	LYG	5751	SCHED	08/14/2020 21:46:28	35	53	204	221	065:15:23.99 N	096:24:01.20 W
Summer	LYG	5751	SCHED	08/14/2020 21:48:34	36	77	213	36	065:15:26.40 N	096:24:25.20 W
Summer	LYG	5751	SCHED	08/14/2020 21:50:43	37	26	193	212	065:15:03.60 N	096:25:10.80 W
Summer	LYG	5751	SCHED	08/14/2020 21:52:49	38	1	169	20	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5751	SCHED	08/14/2020 21:54:56	39	1	167	32	065:14:59.39 N	096:25:15.60 W
Summer	LYG	5751	SCHED	08/14/2020 21:57:03	40	55	196	213	065:15:25.20 N	096:23:53.40 W
Summer	LYG	5751	SCHED	08/14/2020 21:59:12	41	88	216	37	065:15:11.99 N	096:24:44.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:01:25	42	57	219	233	065:15:06.60 N	096:24:57.00 W
Summer	LYG	5751	SCHED	08/14/2020 22:03:31	43	74	231	37	065:15:33.00 N	096:24:13.20 W
Summer	LYG	5751	SCHED	08/14/2020 22:05:41	44	20	190	214	065:15:01.80 N	096:25:14.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:07:51	45	3	174	177	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:10:03	46	15	192	237	065:15:01.19 N	096:25:09.00 W
Summer	LYG	5751	SCHED	08/14/2020 22:12:08	47	32	208	83	065:15:37.19 N	096:23:47.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:14:20	48	28	205	217	065:15:30.59 N	096:23:40.80 W
Summer	LYG	5751	SCHED	08/14/2020 22:16:32	49	1	160	113	065:15:00.60 N	096:25:18.60 W
Summer	LYG	5751	SCHED	08/14/2020 22:18:39	50	1	151	317	065:15:30.00 N	096:23:28.19 W
Summer	LYG	5751	SCHED	08/14/2020 22:20:45	51	58	222	242	065:15:15.00 N	096:24:16.80 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5751	SCHED	08/14/2020 22:22:52	52	80	239	42	065:15:24.59 N	096:24:28.19 W
Summer	LYG	5751	SCHED	08/14/2020 22:25:44	53	0	162	289	065:15:01.19 N	096:25:20.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:27:50	54	62	185	236	065:15:22.20 N	096:23:47.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:29:56	55	0	163	228	065:15:01.19 N	096:25:20.39 W
Summer	LYG	5751	SCHED	08/14/2020 22:32:06	56	1	149	176	065:15:30.00 N	096:23:28.19 W
Summer	LYG	5751	SCHED	08/14/2020 22:34:14	57	75	234	32	065:15:17.40 N	096:24:45.00 W
Summer	LYG	5751	SCHED	08/14/2020 22:36:20	58	71	217	230	065:15:19.20 N	096:24:15.00 W
Summer	LYG	5751	SCHED	08/14/2020 22:39:07	59	4	183	185	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5751	SCHED	08/14/2020 22:41:18	60	0	162	343	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5751	SCHED	08/14/2020 22:43:23	61	37	206	100	065:15:32.39 N	096:23:35.40 W
Summer	LYG	5751	SCHED	08/14/2020 22:45:29	62	93	294	325	065:17:55.19 N	096:27:22.80 W
Summer	LYG	5751	SCHED	08/14/2020 22:47:34	63	94	289	324	065:20:27.00 N	096:32:15.60 W
Summer	LYG	5751	SCHED	08/14/2020 22:49:40	64	91	324	320	065:23:03.00 N	096:37:12.00 W
Summer	LYG	5751	SCHED	08/14/2020 22:51:46	65	12	217	212	065:24:19.19 N	096:40:39.59 W
Summer	LYG	5751	ARRIVAL	08/14/2020 22:53:49	8	0	161	300	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5751	XML_FLIGHT_SUMMARY	08/14/2020 22:53:50	0	0	0	0		
Summer	LYG	5752	DEPARTURE	08/14/2020 22:55:57	9	75	227	119	065:24:13.19 N	096:39:53.40 W
Summer	LYG	5752	SCHED	08/14/2020 22:58:10	66	109	304	146	065:21:19.80 N	096:34:59.39 W
Summer	LYG	5752	SCHED	08/14/2020 23:00:16	67	108	296	147	065:18:01.19 N	096:29:24.59 W
Summer	LYG	5752	SCHED	08/14/2020 23:02:33	68	52	168	152	065:15:07.80 N	096:25:26.40 W
Summer	LYG	5752	ARRIVAL	08/14/2020 23:03:45	9	0	132	161	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5752	XML_FLIGHT_SUMMARY	08/14/2020 23:03:46	0	0	0	0		
Summer	LYG	5753	DEPARTURE	08/14/2020 23:04:31	10	70	175	45	065:15:14.40 N	096:24:41.99 W
Summer	LYG	5753	ARRIVAL	08/14/2020 23:06:12	10	0	133	167	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5753	DEPARTURE	08/14/2020 23:07:30	11	78	186	240	065:15:20.99 N	096:24:28.19 W
Summer	LYG	5753	ARRIVAL	08/14/2020 23:09:12	11	0	131	184	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5753	DEPARTURE	08/14/2020 23:10:52	12	79	206	352	065:15:13.19 N	096:24:54.59 W
Summer	LYG	5753	SCHED	08/14/2020 23:13:06	69	133	293	327	065:19:11.99 N	096:31:53.99 W
Summer	LYG	5753	SCHED	08/14/2020 23:15:11	70	132	299	328	065:23:13.80 N	096:37:54.59 W
Summer	LYG	5753	SCHED	08/14/2020 23:17:16	71	0	162	311	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5753	ARRIVAL	08/14/2020 23:18:20	12	0	162	311	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5753	XML_FLIGHT_SUMMARY	08/14/2020 23:18:21	0	0	0	0		
Summer	LYG	5754	POWER_ON	08/15/2020 14:36:24	NA	NA	NA	NA		
Summer	LYG	5754	SCHED	08/15/2020 14:37:20	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5754	DEPARTURE	08/15/2020 14:40:00	1	81	160	142	065:22:28.19 N	096:36:50.99 W
Summer	LYG	5754	SCHED	08/15/2020 14:42:13	2	99	216	145	065:19:37.80 N	096:32:22.80 W
Summer	LYG	5754	SCHED	08/15/2020 14:44:23	3	103	237	148	065:16:32.39 N	096:27:46.79 W
Summer	LYG	5754	SCHED	08/15/2020 14:46:28	4	0	128	170	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5754	ARRIVAL	08/15/2020 14:46:38	1	0	128	170	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5754	XML_FLIGHT_SUMMARY	08/15/2020 14:46:39	0	0	0	0		
Summer	LYG	5754	SCHED	08/15/2020 14:51:51	5	0	132	170	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5754	SCHED	08/15/2020 14:57:04	6	0	134	170	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5755	DEPARTURE	08/15/2020 14:59:01	2	71	199	57	065:14:59.39 N	096:24:33.60 W
Summer	LYG	5755	SCHED	08/15/2020 15:01:13	7	117	270	323	065:18:05.40 N	096:29:04.79 W
Summer	LYG	5755	SCHED	08/15/2020 15:03:20	8	117	243	324	065:21:31.19 N	096:35:12.60 W
Summer	LYG	5755	SCHED	08/15/2020 15:05:31	9	52	189	244	065:24:26.39 N	096:40:33.00 W
Summer	LYG	5755	ARRIVAL	08/15/2020 15:06:50	2	0	163	323	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5755	XML_FLIGHT_SUMMARY	08/15/2020 15:06:51	0	0	0	0		
Summer	LYG	5756	POWER_ON	08/15/2020 18:01:42	NA	NA	NA	NA		
Summer	LYG	5756	SCHED	08/15/2020 18:02:37	1	0	156	118	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5756	DEPARTURE	08/15/2020 18:03:24	1	72	211	113	065:24:13.19 N	096:39:54.00 W
Summer	LYG	5756	SCHED	08/15/2020 18:05:30	2	106	313	144	065:21:22.19 N	096:34:52.80 W
Summer	LYG	5756	SCHED	08/15/2020 18:07:38	3	107	306	147	065:18:17.39 N	096:30:04.79 W
Summer	LYG	5756	SCHED	08/15/2020 18:09:44	4	55	244	153	065:15:33.00 N	096:26:13.20 W
Summer	LYG	5756	SCHED	08/15/2020 18:11:52	5	56	245	241	065:15:57.60 N	096:25:44.39 W
Summer	LYG	5756	SCHED	08/15/2020 18:14:03	6	32	234	4	065:16:01.19 N	096:25:43.20 W
Summer	LYG	5756	SCHED	08/15/2020 18:16:09	7	34	181	244	065:16:45.00 N	096:23:26.39 W
Summer	LYG	5756	ARRIVAL	08/15/2020 18:17:20	1	0	147	82	065:16:48.60 N	096:23:33.00 W
Summer	LYG	5756	XML_FLIGHT_SUMMARY	08/15/2020 18:17:21	0	0	0	0		
Summer	LYG	5757	DEPARTURE	08/15/2020 18:18:04	2	78	189	202	065:16:31.79 N	096:23:26.39 W
Summer	LYG	5757	SCHED	08/15/2020 18:20:15	8	0	127	166	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5757	ARRIVAL	08/15/2020 18:20:34	2	0	125	166	065:15:00.60 N	096:25:17.39 W
Summer	LYG	5757	DEPARTURE	08/15/2020 18:21:33	3	43	173	42	065:15:20.99 N	096:24:54.00 W
Summer	LYG	5757	SCHED	08/15/2020 18:23:39	9	0	145	341	065:15:19.79 N	096:24:47.39 W
Summer	LYG	5757	ARRIVAL	08/15/2020 18:23:43	3	0	145	341	065:15:19.79 N	096:24:47.39 W
Summer	LYG	5757	DEPARTURE	08/15/2020 18:24:51	4	50	161	56	065:15:29.40 N	096:24:13.20 W
Summer	LYG	5757	ARRIVAL	08/15/2020 18:26:51	4	0	134	89	065:15:32.39 N	096:23:45.60 W
Summer	LYG	5757	SCHED	08/15/2020 18:32:05	10	2	169	208	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5757	DEPARTURE	08/15/2020 18:33:05	5	34	231	250	065:15:23.40 N	096:24:17.39 W
Summer	LYG	5757	SCHED	08/15/2020 18:35:11	11	13	188	169	065:15:34.20 N	096:23:43.20 W
Summer	LYG	5757	SCHED	08/15/2020 18:37:20	12	3	196	241	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5757	SCHED	08/15/2020 18:39:30	13	57	209	54	065:15:33.00 N	096:24:09.00 W
Summer	LYG	5757	SCHED	08/15/2020 18:41:44	14	3	188	239	065:15:20.99 N	096:24:49.79 W
Summer	LYG	5757	SCHED	08/15/2020 18:43:52	15	43	201	65	065:15:22.20 N	096:24:40.20 W
Summer	LYG	5757	SCHED	08/15/2020 18:46:00	16	31	216	255	065:15:23.40 N	096:24:33.00 W
Summer	LYG	5757	SCHED	08/15/2020 18:48:08	17	1	166	233	065:15:33.59 N	096:23:44.39 W
Summer	LYG	5757	SCHED	08/15/2020 18:50:18	18	1	180	115	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5757	SCHED	08/15/2020 18:52:23	19	1	165	111	065:15:33.59 N	096:23:43.79 W
Summer	LYG	5757	SCHED	08/15/2020 18:54:30	20	32	198	74	065:15:21.60 N	096:24:44.39 W
Summer	LYG	5757	SCHED	08/15/2020 18:56:38	21	26	220	240	065:15:22.79 N	096:24:41.99 W
Summer	LYG	5757	SCHED	08/15/2020 18:58:44	22	1	152	69	065:15:31.79 N	096:23:33.60 W
Summer	LYG	5757	SCHED	08/15/2020 19:00:50	23	2	177	168	065:15:19.20 N	096:24:40.80 W
Summer	LYG	5757	SCHED	08/15/2020 19:03:00	24	65	174	57	065:15:32.39 N	096:24:09.00 W
Summer	LYG	5757	ARRIVAL	08/15/2020 19:04:26	5	0	120	225	065:15:31.79 N	096:23:34.19 W
Summer	LYG	5757	XML_FLIGHT_SUMMARY	08/15/2020 19:04:27	0	0	0	0		
Summer	LYG	5758	DEPARTURE	08/15/2020 19:05:10	6	70	198	274	065:15:31.20 N	096:24:21.60 W
Summer	LYG	5758	SCHED	08/15/2020 19:07:17	25	0	146	190	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5758	ARRIVAL	08/15/2020 19:08:09	6	0	141	190	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5758	DEPARTURE	08/15/2020 19:09:22	7	77	211	13	065:15:42.59 N	096:24:31.19 W
Summer	LYG	5758	SCHED	08/15/2020 19:11:27	26	0	148	54	065:16:48.60 N	096:23:31.19 W
Summer	LYG	5758	ARRIVAL	08/15/2020 19:11:36	7	0	148	54	065:16:48.60 N	096:23:31.19 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5758	DEPARTURE	08/15/2020 19:14:56	8	74	209	213	065:16:30.59 N	096:23:31.79 W
Summer	LYG	5758	SCHED	08/15/2020 19:17:20	27	1	170	197	065:15:23.40 N	096:24:47.39 W
Summer	LYG	5758	SCHED	08/15/2020 19:19:26	28	86	348	321	065:16:19.20 N	096:25:19.19 W
Summer	LYG	5758	SCHED	08/15/2020 19:21:32	29	86	412	321	065:18:37.19 N	096:30:04.19 W
Summer	LYG	5758	SCHED	08/15/2020 19:24:20	30	86	382	324	065:21:27.00 N	096:35:36.60 W
Summer	LYG	5758	SCHED	08/15/2020 19:26:26	31	70	323	336	065:24:12.00 N	096:39:21.60 W
Summer	LYG	5758	SCHED	08/15/2020 19:28:31	32	2	184	280	065:24:32.40 N	096:40:57.60 W
Summer	LYG	5758	ARRIVAL	08/15/2020 19:30:28	8	0	155	309	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5758	XML_FLIGHT_SUMMARY	08/15/2020 19:30:29	0	0	0	0		
Summer	LYG	5759	DEPARTURE	08/15/2020 19:33:47	9	86	222	112	065:24:12.00 N	096:39:46.79 W
Summer	LYG	5759	SCHED	08/15/2020 19:35:56	33	115	351	146	065:21:01.20 N	096:33:53.99 W
Summer	LYG	5759	SCHED	08/15/2020 19:38:01	34	121	367	145	065:17:31.79 N	096:28:04.19 W
Summer	LYG	5759	SCHED	08/15/2020 19:40:07	35	9	153	49	065:15:22.79 N	096:24:49.79 W
Summer	LYG	5759	ARRIVAL	08/15/2020 19:41:18	9	0	150	173	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5759	XML_FLIGHT_SUMMARY	08/15/2020 19:41:19	0	0	0	0		
Summer	LYG	5760	POWER_ON	08/15/2020 20:09:49	NA	NA	NA	NA		
Summer	LYG	5760	SCHED	08/15/2020 20:10:41	1	0	150	0	065:15:23.40 N	096:24:48.59 W
Summer	LYG	5760	DEPARTURE	08/15/2020 20:11:40	1	71	204	39	065:15:26.99 N	096:24:07.19 W
Summer	LYG	5760	SCHED	08/15/2020 20:13:46	2	118	359	318	065:18:24.00 N	096:29:20.99 W
Summer	LYG	5760	SCHED	08/15/2020 20:15:58	3	119	315	326	065:21:30.60 N	096:35:45.00 W
Summer	LYG	5760	SCHED	08/15/2020 20:18:20	4	46	194	234	065:24:26.39 N	096:40:35.40 W
Summer	LYG	5760	ARRIVAL	08/15/2020 20:19:28	1	0	172	350	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5760	XML_FLIGHT_SUMMARY	08/15/2020 20:19:29	0	0	0	0		
Summer	LYG	5761	POWER_ON	08/15/2020 22:40:04	NA	NA	NA	NA		
Summer	LYG	5761	SCHED	08/15/2020 22:41:00	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5761	DEPARTURE	08/15/2020 22:42:38	1	80	234	58	065:24:35.99 N	096:40:14.39 W
Summer	LYG	5761	SCHED	08/15/2020 22:44:43	2	112	386	147	065:21:49.19 N	096:34:36.00 W
Summer	LYG	5761	SCHED	08/15/2020 22:47:29	3	114	398	145	065:17:45.60 N	096:28:00.59 W
Summer	LYG	5761	SCHED	08/15/2020 22:49:39	4	12	171	53	065:14:59.39 N	096:25:18.60 W
Summer	LYG	5761	SCHED	08/15/2020 22:51:45	5	69	270	336	065:15:28.79 N	096:25:15.60 W
Summer	LYG	5761	SCHED	08/15/2020 22:53:59	6	72	388	325	065:17:34.80 N	096:29:08.99 W
Summer	LYG	5761	SCHED	08/15/2020 22:56:08	7	72	377	327	065:19:46.19 N	096:32:50.39 W
Summer	LYG	5761	SCHED	08/15/2020 22:58:14	8	71	344	328	065:21:53.99 N	096:36:12.60 W
Summer	LYG	5761	SCHED	08/15/2020 23:00:19	9	68	308	325	065:23:57.60 N	096:39:18.00 W
Summer	LYG	5761	SCHED	08/15/2020 23:02:31	10	1	161	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5761	ARRIVAL	08/15/2020 23:03:24	1	0	158	267	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5761	XML_FLIGHT_SUMMARY	08/15/2020 23:03:25	0	0	0	0		
Summer	LYG	5762	DEPARTURE	08/15/2020 23:04:36	2	72	231	48	065:24:35.40 N	096:40:19.79 W
Summer	LYG	5762	SCHED	08/15/2020 23:06:55	11	134	434	152	065:21:26.39 N	096:34:08.99 W
Summer	LYG	5762	SCHED	08/15/2020 23:09:08	12	138	360	151	065:17:02.40 N	096:27:44.39 W
Summer	LYG	5762	SCHED	08/15/2020 23:11:15	13	0	131	55	065:14:58.19 N	096:25:15.00 W
Summer	LYG	5762	ARRIVAL	08/15/2020 23:11:41	2	0	131	55	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5762	XML_FLIGHT_SUMMARY	08/15/2020 23:11:42	0	0	0	0		
Summer	LYG	5763	DEPARTURE	08/15/2020 23:15:50	3	70	199	358	065:15:15.60 N	096:25:00.00 W
Summer	LYG	5763	SCHED	08/15/2020 23:17:59	14	109	347	325	065:18:11.40 N	096:29:52.19 W
Summer	LYG	5763	SCHED	08/15/2020 23:20:04	15	111	311	325	065:21:22.19 N	096:35:00.00 W
Summer	LYG	5763	SCHED	08/15/2020 23:22:12	16	69	217	306	065:24:13.19 N	096:39:49.20 W
Summer	LYG	5763	ARRIVAL	08/15/2020 23:23:46	3	0	162	282	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5763	XML_FLIGHT_SUMMARY	08/15/2020 23:23:47	0	0	0	0		
Summer	LYG	5764	POWER_ON	08/16/2020 10:59:55	NA	NA	NA	NA		
Summer	LYG	5764	SCHED	08/16/2020 11:00:42	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5764	DEPARTURE	08/16/2020 11:04:28	1	122	165	151	065:21:54.59 N	096:35:21.00 W
Summer	LYG	5764	SCHED	08/16/2020 11:06:37	2	101	194	151	065:18:19.79 N	096:30:31.79 W
Summer	LYG	5764	SCHED	08/16/2020 11:08:45	3	65	184	146	065:16:19.79 N	096:27:23.99 W
Summer	LYG	5764	SCHED	08/16/2020 11:10:51	4	0	128	18	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5764	ARRIVAL	08/16/2020 11:11:36	1	0	126	18	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5764	XML_FLIGHT_SUMMARY	08/16/2020 11:11:37	0	0	0	0		
Summer	LYG	5765	DEPARTURE	08/16/2020 11:15:32	2	43	173	325	065:15:10.19 N	096:25:37.20 W
Summer	LYG	5765	SCHED	08/16/2020 11:17:42	5	84	207	324	065:17:03.60 N	096:29:06.60 W
Summer	LYG	5765	SCHED	08/16/2020 11:19:50	6	103	226	326	065:19:56.40 N	096:33:48.60 W
Summer	LYG	5765	SCHED	08/16/2020 11:22:03	7	100	232	336	065:22:57.60 N	096:38:21.60 W
Summer	LYG	5765	SCHED	08/16/2020 11:24:11	8	0	163	258	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5765	ARRIVAL	08/16/2020 11:24:23	2	0	162	258	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5765	XML_FLIGHT_SUMMARY	08/16/2020 11:24:24	0	0	0	0		
Summer	LYG	5766	POWER_ON	08/16/2020 12:54:07	NA	NA	NA	NA		
Summer	LYG	5766	SCHED	08/16/2020 12:54:55	1	0	166	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5766	DEPARTURE	08/16/2020 12:56:20	1	50	184	328	065:24:32.99 N	096:40:43.20 W
Summer	LYG	5766	SCHED	08/16/2020 12:58:32	2	79	171	274	065:25:00.00 N	096:46:12.60 W
Summer	LYG	5766	SCHED	08/16/2020 13:00:38	3	0	146	40	065:25:13.19 N	096:48:47.39 W
Summer	LYG	5766	ARRIVAL	08/16/2020 13:00:45	1	0	145	40	065:25:13.19 N	096:48:47.39 W
Summer	LYG	5766	XML_FLIGHT_SUMMARY	08/16/2020 13:00:46	0	0	0	0		
Summer	LYG	5767	DEPARTURE	08/16/2020 13:02:59	2	79	193	92	065:25:20.39 N	096:48:05.99 W
Summer	LYG	5767	SCHED	08/16/2020 13:05:09	4	60	188	112	065:25:00.59 N	096:41:17.39 W
Summer	LYG	5767	ARRIVAL	08/16/2020 13:07:10	2	0	163	298	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5767	XML_FLIGHT_SUMMARY	08/16/2020 13:07:11	0	0	0	0		
Summer	LYG	5768	DEPARTURE	08/16/2020 13:10:05	3	36	191	346	065:24:27.60 N	096:40:20.39 W
Summer	LYG	5768	SCHED	08/16/2020 13:12:12	5	84	183	272	065:25:04.80 N	096:46:11.99 W
Summer	LYG	5768	SCHED	08/16/2020 13:14:18	6	0	145	30	065:25:12.59 N	096:48:46.79 W
Summer	LYG	5768	ARRIVAL	08/16/2020 13:14:39	3	0	146	30	065:25:12.59 N	096:48:46.79 W
Summer	LYG	5768	XML_FLIGHT_SUMMARY	08/16/2020 13:14:40	0	0	0	0		
Summer	LYG	5769	DEPARTURE	08/16/2020 13:15:57	4	86	186	91	065:25:20.39 N	096:48:01.19 W
Summer	LYG	5769	SCHED	08/16/2020 13:18:09	7	82	224	132	065:24:38.40 N	096:40:16.80 W
Summer	LYG	5769	ARRIVAL	08/16/2020 13:19:51	4	0	161	268	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5769	XML_FLIGHT_SUMMARY	08/16/2020 13:19:52	0	0	0	0		
Summer	LYG	5770	POWER_ON	08/16/2020 15:13:06	NA	NA	NA	NA		
Summer	LYG	5770	SCHED	08/16/2020 15:14:01	1	0	158	315	065:24:18.60 N	096:40:40.80 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5770	DEPARTURE	08/16/2020 15:15:10	1	70	224	50	065:24:35.99 N	096:40:25.80 W
Summer	LYG	5770	SCHED	08/16/2020 15:17:20	2	129	212	150	065:21:15.00 N	096:34:13.20 W
Summer	LYG	5770	SCHED	08/16/2020 15:20:44	3	89	217	133	065:15:35.40 N	096:25:58.80 W
Summer	LYG	5770	SCHED	08/16/2020 15:22:50	4	0	129	306	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5770	ARRIVAL	08/16/2020 15:23:17	1	0	124	306	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5770	XML_FLIGHT_SUMMARY	08/16/2020 15:23:18	0	0	0	0		
Summer	LYG	5771	POWER_ON	08/16/2020 15:40:00	NA	NA	NA	NA		
Summer	LYG	5771	SCHED	08/16/2020 15:40:56	1	0	128	348	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5771	SCHED	08/16/2020 15:46:09	2	1	174	354	065:15:20.40 N	096:24:49.20 W
Summer	LYG	5771	DEPARTURE	08/16/2020 15:46:49	1	70	175	188	065:15:00.60 N	096:25:00.60 W
Summer	LYG	5771	ARRIVAL	08/16/2020 15:48:08	1	0	129	7	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5771	DEPARTURE	08/16/2020 15:48:52	2	50	166	16	065:15:13.19 N	096:25:01.20 W
Summer	LYG	5771	ARRIVAL	08/16/2020 15:50:36	2	0	148	218	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5771	DEPARTURE	08/16/2020 15:53:21	3	63	202	200	065:15:01.19 N	096:25:03.00 W
Summer	LYG	5771	SCHED	08/16/2020 15:55:29	3	1	181	272	065:15:20.99 N	096:24:49.79 W
Summer	LYG	5771	SCHED	08/16/2020 15:57:39	4	13	177	358	065:15:00.00 N	096:25:16.80 W
Summer	LYG	5771	SCHED	08/16/2020 15:59:44	5	1	163	172	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5771	SCHED	08/16/2020 16:01:49	6	0	189	284	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5771	SCHED	08/16/2020 16:03:55	7	18	177	5	065:15:00.60 N	096:25:16.80 W
Summer	LYG	5771	SCHED	08/16/2020 16:06:01	8	30	206	234	065:15:19.79 N	096:24:54.00 W
Summer	LYG	5771	SCHED	08/16/2020 16:08:06	9	0	167	263	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5771	SCHED	08/16/2020 16:10:15	10	28	180	293	065:14:57.60 N	096:25:16.80 W
Summer	LYG	5771	SCHED	08/16/2020 16:12:28	11	1	182	46	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5771	SCHED	08/16/2020 16:14:41	12	6	188	28	065:15:20.40 N	096:24:50.40 W
Summer	LYG	5771	SCHED	08/16/2020 16:16:47	13	30	198	26	065:15:15.60 N	096:24:56.39 W
Summer	LYG	5771	SCHED	08/16/2020 16:19:02	14	0	164	168	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5771	SCHED	08/16/2020 16:21:08	15	5	163	38	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5771	SCHED	08/16/2020 16:23:16	16	0	180	156	065:15:20.40 N	096:24:49.20 W
Summer	LYG	5771	SCHED	08/16/2020 16:25:23	17	33	200	27	065:15:15.00 N	096:24:55.79 W
Summer	LYG	5771	SCHED	08/16/2020 16:27:29	18	1	164	358	065:14:59.39 N	096:25:16.80 W
Summer	LYG	5771	SCHED	08/16/2020 16:29:36	19	27	176	268	065:14:56.99 N	096:25:15.60 W
Summer	LYG	5771	SCHED	08/16/2020 16:31:45	20	18	210	25	065:15:19.20 N	096:24:53.40 W
Summer	LYG	5771	SCHED	08/16/2020 16:33:59	21	65	207	199	065:15:15.00 N	096:25:04.79 W
Summer	LYG	5771	SCHED	08/16/2020 16:36:06	22	2	184	84	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5771	SCHED	08/16/2020 16:38:13	23	21	180	23	065:15:00.60 N	096:25:14.39 W
Summer	LYG	5771	SCHED	08/16/2020 16:40:19	24	1	183	21	065:15:20.40 N	096:24:48.59 W
Summer	LYG	5771	SCHED	08/16/2020 16:42:35	25	0	128	22	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5771	ARRIVAL	08/16/2020 16:42:46	3	0	129	22	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5771	XML_FLIGHT_SUMMARY	08/16/2020 16:42:47	0	0	0	0		
Summer	LYG	5772	DEPARTURE	08/16/2020 16:43:28	4	50	174	37	065:15:12.60 N	096:24:56.39 W
Summer	LYG	5772	SCHED	08/16/2020 16:45:37	26	0	144	182	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5772	ARRIVAL	08/16/2020 16:45:43	4	0	144	182	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5772	SCHED	08/16/2020 16:50:50	27	1	188	60	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5772	DEPARTURE	08/16/2020 16:54:23	5	63	211	344	065:15:36.59 N	096:25:05.40 W
Summer	LYG	5772	SCHED	08/16/2020 16:56:30	28	96	245	315	065:17:46.80 N	096:29:36.00 W
Summer	LYG	5772	SCHED	08/16/2020 16:58:41	29	90	234	327	065:20:06.60 N	096:34:11.40 W
Summer	LYG	5772	SCHED	08/16/2020 17:00:51	30	81	242	336	065:22:38.40 N	096:38:04.79 W
Summer	LYG	5772	SCHED	08/16/2020 17:03:00	31	0	159	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5772	ARRIVAL	08/16/2020 17:03:34	5	0	159	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5772	XML_FLIGHT_SUMMARY	08/16/2020 17:03:35	0	0	0	0		
Summer	LYG	5773	DEPARTURE	08/16/2020 17:07:39	6	75	216	53	065:24:35.40 N	096:40:16.19 W
Summer	LYG	5773	SCHED	08/16/2020 17:09:47	32	142	256	147	065:21:15.00 N	096:33:31.20 W
Summer	LYG	5773	SCHED	08/16/2020 17:12:05	33	148	259	152	065:16:52.80 N	096:27:06.60 W
Summer	LYG	5773	SCHED	08/16/2020 17:14:17	34	2	180	60	065:15:20.40 N	096:24:48.59 W
Summer	LYG	5773	SCHED	08/16/2020 17:16:26	35	22	196	262	065:15:20.40 N	096:24:52.80 W
Summer	LYG	5773	SCHED	08/16/2020 17:18:38	36	2	147	230	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5773	ARRIVAL	08/16/2020 17:19:27	6	0	145	202	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5773	XML_FLIGHT_SUMMARY	08/16/2020 17:19:28	0	0	0	0		
Summer	LYG	5774	DEPARTURE	08/16/2020 17:20:27	7	76	171	189	065:15:00.60 N	096:24:50.40 W
Summer	LYG	5774	ARRIVAL	08/16/2020 17:21:53	7	0	128	340	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5774	DEPARTURE	08/16/2020 17:23:55	8	40	200	31	065:15:11.99 N	096:24:59.39 W
Summer	LYG	5774	SCHED	08/16/2020 17:26:03	37	4	160	226	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5774	SCHED	08/16/2020 17:28:09	38	67	204	207	065:15:15.60 N	096:24:59.39 W
Summer	LYG	5774	SCHED	08/16/2020 17:30:23	39	21	202	30	065:15:10.79 N	096:25:05.40 W
Summer	LYG	5774	SCHED	08/16/2020 17:32:29	40	28	171	302	065:14:56.99 N	096:25:16.80 W
Summer	LYG	5774	SCHED	08/16/2020 17:34:35	41	44	192	242	065:15:20.40 N	096:24:57.60 W
Summer	LYG	5774	SCHED	08/16/2020 17:36:45	42	9	195	8	065:15:19.79 N	096:24:49.20 W
Summer	LYG	5774	SCHED	08/16/2020 17:38:51	43	0	167	116	065:14:59.39 N	096:25:16.19 W
Summer	LYG	5774	SCHED	08/16/2020 17:40:58	44	1	187	336	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5774	SCHED	08/16/2020 17:43:07	45	38	199	31	065:15:08.40 N	096:25:01.79 W
Summer	LYG	5774	SCHED	08/16/2020 17:45:17	46	21	189	324	065:14:57.60 N	096:25:17.39 W
Summer	LYG	5774	SCHED	08/16/2020 17:47:39	47	1	188	83	065:15:20.99 N	096:24:48.59 W
Summer	LYG	5774	SCHED	08/16/2020 17:49:52	48	39	195	28	065:15:08.40 N	096:25:06.00 W
Summer	LYG	5774	SCHED	08/16/2020 17:51:58	49	74	202	177	065:15:04.19 N	096:25:06.59 W
Summer	LYG	5774	SCHED	08/16/2020 17:54:05	50	14	205	38	065:15:20.40 N	096:24:52.80 W
Summer	LYG	5774	SCHED	08/16/2020 17:56:18	51	3	170	51	065:15:01.80 N	096:25:20.39 W
Summer	LYG	5774	SCHED	08/16/2020 17:58:23	52	58	207	211	065:15:16.79 N	096:24:57.60 W
Summer	LYG	5774	SCHED	08/16/2020 18:00:29	53	3	203	83	065:15:00.60 N	096:25:18.00 W
Summer	LYG	5774	SCHED	08/16/2020 18:02:40	54	1	164	137	065:15:16.19 N	096:24:38.40 W
Summer	LYG	5774	SCHED	08/16/2020 18:04:47	55	70	216	203	065:15:01.19 N	096:25:04.79 W
Summer	LYG	5774	SCHED	08/16/2020 18:06:52	56	29	204	51	065:15:05.99 N	096:25:07.19 W
Summer	LYG	5774	SCHED	08/16/2020 18:08:58	57	60	185	240	065:14:58.19 N	096:25:09.59 W
Summer	LYG	5774	SCHED	08/16/2020 18:11:03	58	0	152	61	065:15:12.60 N	096:24:30.60 W
Summer	LYG	5774	SCHED	08/16/2020 18:13:11	59	36	197	61	065:15:07.19 N	096:24:55.79 W
Summer	LYG	5774	SCHED	08/16/2020 18:15:20	60	3	164	37	065:14:58.80 N	096:25:16.19 W
Summer	LYG	5774	SCHED	08/16/2020 18:17:26	61	0	132	25	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5774	SCHED	08/16/2020 18:19:39	62	14	177	103	065:15:28.79 N	096:24:28.80 W
Summer	LYG	5774	ARRIVAL	08/16/2020 18:20:55	8	0	146	262	065:15:27.60 N	096:24:29.40 W
Summer	LYG	5774	XML_FLIGHT_SUMMARY	08/16/2020 18:20:56	0	0	0	0		
Summer	LYG	5775	DEPARTURE	08/16/2020 18:23:22	9	78	184	194	065:15:16.79 N	096:25:00.60 W
Summer	LYG	5775	SCHED	08/16/2020 18:25:49	63	1	186	116	065:15:26.40 N	096:24:33.60 W
Summer	LYG	5775	SCHED	08/16/2020 18:27:54	64	29	192	22	065:15:06.60 N	096:25:09.00 W
Summer	LYG	5775	SCHED	08/16/2020 18:30:00	65	1	185	184	065:15:26.40 N	096:24:33.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5775	SCHED	08/16/2020 18:32:15	66	1	163	193	065:14:59.39 N	096:25:17.39 W
Summer	LYG	5775	SCHED	08/16/2020 18:34:20	67	1	183	187	065:15:25.79 N	096:24:33.60 W
Summer	LYG	5775	SCHED	08/16/2020 18:36:26	68	85	212	193	065:15:16.19 N	096:24:46.79 W
Summer	LYG	5775	SCHED	08/16/2020 18:38:32	69	36	196	30	065:15:04.79 N	096:25:10.20 W
Summer	LYG	5775	SCHED	08/16/2020 18:40:40	70	2	188	7	065:15:26.40 N	096:24:33.60 W
Summer	LYG	5775	SCHED	08/16/2020 18:43:00	71	52	209	44	065:15:10.79 N	096:24:56.39 W
Summer	LYG	5775	SCHED	08/16/2020 18:45:06	72	1	152	150	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5775	ARRIVAL	08/16/2020 18:47:07	9	0	128	349	065:14:58.19 N	096:25:15.60 W
Summer	LYG	5775	XML_FLIGHT_SUMMARY	08/16/2020 18:47:08	0	0	0	0		
Summer	LYG	5776	DEPARTURE	08/16/2020 18:47:46	10	59	172	39	065:15:11.99 N	096:24:49.79 W
Summer	LYG	5776	SCHED	08/16/2020 18:49:51	73	0	142	25	065:15:29.40 N	096:24:28.19 W
Summer	LYG	5776	ARRIVAL	08/16/2020 18:50:00	10	0	142	25	065:15:28.79 N	096:24:28.19 W
Summer	LYG	5776	SCHED	08/16/2020 18:55:05	74	0	145	277	065:15:28.79 N	096:24:29.40 W
Summer	LYG	5776	POWER_ON	08/16/2020 19:42:21	NA	NA	NA	NA		
Summer	LYG	5776	SCHED	08/16/2020 19:43:19	1	0	152	239	065:15:28.79 N	096:24:29.40 W
Summer	LYG	5776	DEPARTURE	08/16/2020 19:44:03	1	58	194	309	065:15:40.80 N	096:24:58.20 W
Summer	LYG	5776	SCHED	08/16/2020 19:46:11	2	91	271	324	065:18:07.20 N	096:29:26.99 W
Summer	LYG	5776	SCHED	08/16/2020 19:48:30	3	89	257	326	065:20:41.39 N	096:33:53.40 W
Summer	LYG	5776	SCHED	08/16/2020 19:50:37	4	89	250	324	065:23:30.60 N	096:38:43.20 W
Summer	LYG	5776	SCHED	08/16/2020 19:52:46	5	0	162	267	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5776	ARRIVAL	08/16/2020 19:52:55	1	0	162	267	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5776	XML_FLIGHT_SUMMARY	08/16/2020 19:52:56	0	0	0	0		
Summer	LYG	5776	SCHED	08/16/2020 19:58:08	6	2	188	113	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5777	DEPARTURE	08/16/2020 19:58:53	2	39	240	308	065:24:30.00 N	096:40:54.59 W
Summer	LYG	5777	SCHED	08/16/2020 20:00:59	7	110	295	141	065:24:10.20 N	096:38:26.39 W
Summer	LYG	5777	SCHED	08/16/2020 20:03:12	8	120	287	150	065:20:46.19 N	096:33:18.59 W
Summer	LYG	5777	SCHED	08/16/2020 20:05:20	9	112	289	145	065:17:14.99 N	096:27:51.00 W
Summer	LYG	5777	SCHED	08/16/2020 20:07:26	10	31	196	340	065:15:10.19 N	096:24:37.19 W
Summer	LYG	5777	SCHED	08/16/2020 20:09:32	11	1	183	351	065:15:20.40 N	096:24:49.79 W
Summer	LYG	5777	SCHED	08/16/2020 20:12:30	12	56	293	316	065:16:49.19 N	096:27:42.00 W
Summer	LYG	5777	SCHED	08/16/2020 20:14:36	13	56	277	327	065:18:37.80 N	096:30:55.80 W
Summer	LYG	5777	SCHED	08/16/2020 20:16:44	14	59	281	325	065:20:18.59 N	096:33:40.20 W
Summer	LYG	5777	SCHED	08/16/2020 20:18:52	15	61	291	325	065:21:58.20 N	096:36:33.00 W
Summer	LYG	5777	SCHED	08/16/2020 20:23:16	16	1	198	58	065:24:34.79 N	096:41:01.20 W
Summer	LYG	5777	SCHED	08/16/2020 20:25:21	17	117	330	146	065:23:30.60 N	096:36:54.59 W
Summer	LYG	5777	SCHED	08/16/2020 20:27:29	18	116	305	149	065:19:57.60 N	096:32:10.80 W
Summer	LYG	5777	SCHED	08/16/2020 20:30:23	19	109	301	159	065:15:46.19 N	096:25:55.20 W
Summer	LYG	5777	SCHED	08/16/2020 20:32:34	20	26	174	292	065:15:13.19 N	096:24:37.80 W
Summer	LYG	5777	SCHED	08/16/2020 20:34:43	21	54	276	321	065:15:52.19 N	096:25:18.60 W
Summer	LYG	5777	SCHED	08/16/2020 20:36:50	22	57	311	325	065:17:31.79 N	096:28:16.19 W
Summer	LYG	5777	SCHED	08/16/2020 20:38:58	23	61	332	324	065:19:12.60 N	096:31:08.40 W
Summer	LYG	5777	SCHED	08/16/2020 20:41:12	24	56	307	324	065:20:59.99 N	096:34:26.39 W
Summer	LYG	5777	SCHED	08/16/2020 20:43:22	25	63	282	324	065:22:38.99 N	096:37:20.40 W
Summer	LYG	5777	SCHED	08/16/2020 20:45:32	26	55	258	314	065:24:19.80 N	096:40:10.80 W
Summer	LYG	5777	SCHED	08/16/2020 20:47:39	27	56	240	21	065:24:44.99 N	096:41:02.39 W
Summer	LYG	5777	SCHED	08/16/2020 20:49:59	28	123	353	143	065:22:06.00 N	096:34:58.79 W
Summer	LYG	5777	SCHED	08/16/2020 20:52:27	29	124	364	154	065:18:09.59 N	096:28:26.99 W
Summer	LYG	5777	SCHED	08/16/2020 20:54:37	30	5	213	51	065:15:20.40 N	096:24:51.59 W
Summer	LYG	5777	SCHED	08/16/2020 20:56:43	31	1	182	110	065:15:20.99 N	096:24:49.79 W
Summer	LYG	5777	SCHED	08/16/2020 20:58:53	32	55	346	319	065:16:20.99 N	096:26:43.20 W
Summer	LYG	5777	SCHED	08/16/2020 21:00:58	33	54	339	321	065:17:53.39 N	096:29:26.99 W
Summer	LYG	5777	SCHED	08/16/2020 21:03:06	34	53	304	325	065:19:21.59 N	096:32:01.19 W
Summer	LYG	5777	SCHED	08/16/2020 21:05:24	35	47	315	326	065:20:52.80 N	096:34:34.79 W
Summer	LYG	5777	SCHED	08/16/2020 21:07:33	36	58	322	327	065:22:30.00 N	096:37:10.79 W
Summer	LYG	5777	SCHED	08/16/2020 21:09:44	37	47	263	320	065:24:09.00 N	096:39:40.20 W
Summer	LYG	5777	SCHED	08/16/2020 21:11:52	38	1	186	313	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5777	ARRIVAL	08/16/2020 21:13:28	2	0	165	287	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5777	XML_FLIGHT_SUMMARY	08/16/2020 21:13:29	0	0	0	0		
Summer	LYG	5778	DEPARTURE	08/16/2020 21:14:35	3	61	222	325	065:24:35.99 N	096:40:46.79 W
Summer	LYG	5778	SCHED	08/16/2020 21:16:49	39	86	268	272	065:24:53.39 N	096:47:57.60 W
Summer	LYG	5778	ARRIVAL	08/16/2020 21:18:48	3	0	139	335	065:25:13.19 N	096:48:46.19 W
Summer	LYG	5778	XML_FLIGHT_SUMMARY	08/16/2020 21:18:49	0	0	0	0		
Summer	LYG	5779	DEPARTURE	08/16/2020 21:20:46	4	82	232	68	065:25:25.80 N	096:48:09.59 W
Summer	LYG	5779	SCHED	08/16/2020 21:22:58	40	103	295	176	065:24:26.39 N	096:39:15.59 W
Summer	LYG	5779	ARRIVAL	08/16/2020 21:24:49	4	0	160	255	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5779	XML_FLIGHT_SUMMARY	08/16/2020 21:24:50	0	0	0	0		
Summer	LYG	5780	DEPARTURE	08/16/2020 21:26:54	5	57	208	320	065:24:34.19 N	096:40:49.20 W
Summer	LYG	5780	SCHED	08/16/2020 21:29:02	41	82	221	281	065:24:54.59 N	096:48:08.40 W
Summer	LYG	5780	ARRIVAL	08/16/2020 21:30:34	5	0	142	342	065:25:13.19 N	096:48:47.39 W
Summer	LYG	5780	XML_FLIGHT_SUMMARY	08/16/2020 21:30:35	0	0	0	0		
Summer	LYG	5781	DEPARTURE	08/16/2020 21:32:52	6	79	214	71	065:25:24.60 N	096:48:09.59 W
Summer	LYG	5781	SCHED	08/16/2020 21:34:58	42	110	304	156	065:24:37.80 N	096:39:03.00 W
Summer	LYG	5781	ARRIVAL	08/16/2020 21:36:55	6	0	163	248	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5781	XML_FLIGHT_SUMMARY	08/16/2020 21:36:56	0	0	0	0		
Summer	LYG	5782	POWER_ON	08/16/2020 23:03:59	NA	NA	NA	NA		
Summer	LYG	5782	SCHED	08/16/2020 23:04:55	1	0	163	338	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5782	DEPARTURE	08/16/2020 23:05:56	1	69	221	44	065:24:35.40 N	096:40:22.19 W
Summer	LYG	5782	SCHED	08/16/2020 23:08:05	2	142	283	147	065:21:13.79 N	096:33:27.60 W
Summer	LYG	5782	SCHED	08/16/2020 23:10:12	3	147	332	144	065:16:48.60 N	096:26:49.79 W
Summer	LYG	5782	SCHED	08/16/2020 23:12:17	4	0	147	235	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5782	ARRIVAL	08/16/2020 23:12:59	1	0	145	242	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5782	XML_FLIGHT_SUMMARY	08/16/2020 23:13:00	0	0	0	0		
Summer	LYG	5783	DEPARTURE	08/16/2020 23:17:08	2	55	220	324	065:15:37.19 N	096:25:07.80 W
Summer	LYG	5783	SCHED	08/16/2020 23:19:17	5	87	301	322	065:17:58.19 N	096:29:17.39 W
Summer	LYG	5783	SCHED	08/16/2020 23:21:22	6	84	293	325	065:20:24.59 N	096:33:27.00 W
Summer	LYG	5783	SCHED	08/16/2020 23:23:29	7	86	272	327	065:22:45.00 N	096:37:31.79 W
Summer	LYG	5783	SCHED	08/16/2020 23:25:37	8	0	162	266	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5783	ARRIVAL	08/16/2020 23:26:19	2	0	163	266	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5783	XML_FLIGHT_SUMMARY	08/16/2020 23:26:20	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5784	POWER_ON	08/17/2020 11:01:37	NA	NA	NA	NA		
Summer	LYG	5784	SCHED	08/17/2020 11:02:34	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5784	DEPARTURE	08/17/2020 11:04:19	1	71	214	34	065:24:35.99 N	096:40:26.99 W
Summer	LYG	5784	SCHED	08/17/2020 11:06:25	2	118	301	152	065:22:02.39 N	096:34:30.00 W
Summer	LYG	5784	SCHED	08/17/2020 11:08:33	3	122	301	149	065:18:24.00 N	096:29:14.40 W
Summer	LYG	5784	SCHED	08/17/2020 11:10:38	4	37	165	256	065:15:22.79 N	096:24:41.40 W
Summer	LYG	5784	ARRIVAL	08/17/2020 11:12:05	1	0	145	213	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5784	XML_FLIGHT_SUMMARY	08/17/2020 11:12:06	0	0	0	0		
Summer	LYG	5784	SCHED	08/17/2020 11:17:17	5	0	147	213	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5784	SCHED	08/17/2020 11:22:28	6	0	148	213	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5785	DEPARTURE	08/17/2020 11:24:53	2	65	211	323	065:15:39.59 N	096:25:10.20 W
Summer	LYG	5785	SCHED	08/17/2020 11:26:59	7	101	295	323	065:18:16.79 N	096:29:49.79 W
Summer	LYG	5785	SCHED	08/17/2020 11:29:05	8	101	276	325	065:21:09.59 N	096:34:34.19 W
Summer	LYG	5785	SCHED	08/17/2020 11:31:11	9	84	255	317	065:23:57.60 N	096:39:13.80 W
Summer	LYG	5785	ARRIVAL	08/17/2020 11:33:06	2	0	166	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5785	XML_FLIGHT_SUMMARY	08/17/2020 11:33:07	0	0	0	0		
Summer	LYG	5786	DEPARTURE	08/17/2020 11:36:48	3	66	246	36	065:24:34.19 N	096:40:22.19 W
Summer	LYG	5786	SCHED	08/17/2020 11:38:55	10	89	300	147	065:22:43.19 N	096:35:35.40 W
Summer	LYG	5786	SCHED	08/17/2020 11:41:00	11	89	308	145	065:20:07.20 N	096:31:30.00 W
Summer	LYG	5786	SCHED	08/17/2020 11:43:10	12	91	323	157	065:17:26.40 N	096:27:40.20 W
Summer	LYG	5786	SCHED	08/17/2020 11:45:17	13	40	243	37	065:15:13.19 N	096:25:05.40 W
Summer	LYG	5786	SCHED	08/17/2020 11:47:30	14	1	181	80	065:15:20.40 N	096:24:49.20 W
Summer	LYG	5786	SCHED	08/17/2020 11:49:35	15	66	312	321	065:16:36.59 N	096:26:55.20 W
Summer	LYG	5786	SCHED	08/17/2020 11:51:41	16	70	335	325	065:18:33.59 N	096:30:24.59 W
Summer	LYG	5786	SCHED	08/17/2020 11:53:47	17	75	284	326	065:20:37.80 N	096:33:46.19 W
Summer	LYG	5786	SCHED	08/17/2020 11:55:55	18	73	249	324	065:22:45.00 N	096:37:19.79 W
Summer	LYG	5786	SCHED	08/17/2020 11:58:02	19	29	228	288	065:24:15.00 N	096:40:34.19 W
Summer	LYG	5786	SCHED	08/17/2020 12:00:11	20	0	162	302	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5786	ARRIVAL	08/17/2020 12:00:20	3	0	163	302	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5786	XML_FLIGHT_SUMMARY	08/17/2020 12:00:21	0	0	0	0		
Summer	LYG	5787	POWER_ON	08/17/2020 12:35:49	NA	NA	NA	NA		
Summer	LYG	5787	SCHED	08/17/2020 12:36:45	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5787	DEPARTURE	08/17/2020 12:39:22	1	70	223	319	065:24:35.40 N	096:40:52.19 W
Summer	LYG	5787	SCHED	08/17/2020 12:41:32	2	100	215	300	065:26:12.60 N	096:48:00.60 W
Summer	LYG	5787	SCHED	08/17/2020 12:43:40	3	0	93	10	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5787	ARRIVAL	08/17/2020 12:44:23	1	0	92	10	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5787	XML_FLIGHT_SUMMARY	08/17/2020 12:44:24	0	0	0	0		
Summer	LYG	5788	DEPARTURE	08/17/2020 12:46:00	2	82	172	67	065:27:43.79 N	096:53:25.20 W
Summer	LYG	5788	SCHED	08/17/2020 12:48:44	4	116	255	114	065:25:20.39 N	096:42:55.80 W
Summer	LYG	5788	SCHED	08/17/2020 12:50:53	5	0	160	277	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5788	ARRIVAL	08/17/2020 12:51:04	2	0	160	277	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5788	XML_FLIGHT_SUMMARY	08/17/2020 12:51:05	0	0	0	0		
Summer	LYG	5789	DEPARTURE	08/17/2020 12:53:45	3	74	214	325	065:24:35.99 N	096:40:51.59 W
Summer	LYG	5789	SCHED	08/17/2020 12:56:20	6	100	215	294	065:26:16.80 N	096:48:10.20 W
Summer	LYG	5789	SCHED	08/17/2020 12:58:41	7	0	96	7	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5789	ARRIVAL	08/17/2020 12:58:50	3	0	96	7	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5789	XML_FLIGHT_SUMMARY	08/17/2020 12:58:51	0	0	0	0		
Summer	LYG	5790	DEPARTURE	08/17/2020 13:00:08	4	85	171	65	065:27:43.79 N	096:53:26.99 W
Summer	LYG	5790	SCHED	08/17/2020 13:02:13	8	121	236	122	065:25:39.59 N	096:45:07.19 W
Summer	LYG	5790	SCHED	08/17/2020 13:04:26	9	0	159	258	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5790	ARRIVAL	08/17/2020 13:05:02	4	0	159	258	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5790	XML_FLIGHT_SUMMARY	08/17/2020 13:05:03	0	0	0	0		
Summer	LYG	5791	POWER_ON	08/17/2020 14:16:04	NA	NA	NA	NA		
Summer	LYG	5791	SCHED	08/17/2020 14:17:10	1	0	163	333	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5791	DEPARTURE	08/17/2020 14:19:34	1	67	242	55	065:24:35.99 N	096:40:23.39 W
Summer	LYG	5791	SCHED	08/17/2020 14:21:39	2	114	246	147	065:19:21.59 N	096:30:47.39 W
Summer	LYG	5791	SCHED	08/17/2020 14:23:46	3	105	270	131	065:16:05.99 N	096:25:16.19 W
Summer	LYG	5791	ARRIVAL	08/17/2020 14:25:47	1	0	148	213	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5791	XML_FLIGHT_SUMMARY	08/17/2020 14:25:48	0	0	0	0		
Summer	LYG	5792	DEPARTURE	08/17/2020 14:30:07	2	66	217	322	065:15:37.79 N	096:25:17.39 W
Summer	LYG	5792	SCHED	08/17/2020 14:32:16	4	0	144	36	065:16:47.39 N	096:23:30.60 W
Summer	LYG	5792	ARRIVAL	08/17/2020 14:32:22	2	0	142	36	065:16:47.39 N	096:23:30.60 W
Summer	LYG	5792	DEPARTURE	08/17/2020 14:33:48	3	76	233	292	065:16:54.60 N	096:24:18.60 W
Summer	LYG	5792	SCHED	08/17/2020 14:35:54	5	100	250	319	065:19:24.59 N	096:29:48.00 W
Summer	LYG	5792	SCHED	08/17/2020 14:38:01	6	99	235	321	065:22:01.20 N	096:35:25.20 W
Summer	LYG	5792	SCHED	08/17/2020 14:40:11	7	56	192	266	065:24:13.80 N	096:40:14.39 W
Summer	LYG	5792	ARRIVAL	08/17/2020 14:41:29	3	0	160	6	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5792	XML_FLIGHT_SUMMARY	08/17/2020 14:41:30	0	0	0	0		
Summer	LYG	5793	POWER_ON	08/17/2020 20:54:22	NA	NA	NA	NA		
Summer	LYG	5793	SCHED	08/17/2020 20:55:45	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5793	DEPARTURE	08/17/2020 20:58:55	1	125	343	146	065:21:30.60 N	096:33:52.80 W
Summer	LYG	5793	SCHED	08/17/2020 21:01:06	2	125	406	148	065:17:52.19 N	096:27:50.40 W
Summer	LYG	5793	SCHED	08/17/2020 21:03:11	3	51	178	250	065:16:56.39 N	096:21:58.79 W
Summer	LYG	5793	ARRIVAL	08/17/2020 21:05:21	1	0	141	357	065:17:07.19 N	096:22:47.99 W
Summer	LYG	5793	XML_FLIGHT_SUMMARY	08/17/2020 21:05:22	0	0	0	0		
Summer	LYG	5794	DEPARTURE	08/17/2020 21:09:22	2	58	182	128	065:17:01.80 N	096:22:40.80 W
Summer	LYG	5794	ARRIVAL	08/17/2020 21:10:51	2	0	128	5	065:16:50.39 N	096:22:34.19 W
Summer	LYG	5794	DEPARTURE	08/17/2020 21:14:59	3	63	219	300	065:17:02.99 N	096:23:37.19 W
Summer	LYG	5794	SCHED	08/17/2020 21:17:04	4	89	292	316	065:19:08.40 N	096:28:50.40 W
Summer	LYG	5794	SCHED	08/17/2020 21:19:26	5	90	265	316	065:21:27.00 N	096:34:04.79 W
Summer	LYG	5794	SCHED	08/17/2020 21:21:33	6	75	241	317	065:24:06.00 N	096:39:35.40 W
Summer	LYG	5794	ARRIVAL	08/17/2020 21:23:16	3	0	163	2	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5794	XML_FLIGHT_SUMMARY	08/17/2020 21:23:17	0	0	0	0		
Summer	LYG	5795	DEPARTURE	08/17/2020 21:25:29	4	63	216	316	065:24:35.40 N	096:40:52.19 W
Summer	LYG	5795	SCHED	08/17/2020 21:27:42	7	82	249	295	065:26:01.19 N	096:46:57.60 W
Summer	LYG	5795	SCHED	08/17/2020 21:29:50	8	55	148	358	065:27:16.19 N	096:53:30.00 W
Summer	LYG	5795	ARRIVAL	08/17/2020 21:31:18	4	0	96	8	065:27:29.99 N	096:53:29.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5795	XML_FLIGHT_SUMMARY	08/17/2020 21:31:19	0	0	0	0		
Summer	LYG	5796	DEPARTURE	08/17/2020 21:32:30	5	71	162	43	065:27:44.39 N	096:53:33.00 W
Summer	LYG	5796	SCHED	08/17/2020 21:34:36	9	127	335	118	065:25:56.40 N	096:44:53.39 W
Summer	LYG	5796	SCHED	08/17/2020 21:38:19	10	0	170	313	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5796	ARRIVAL	08/17/2020 21:38:28	5	0	170	313	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5796	XML_FLIGHT_SUMMARY	08/17/2020 21:38:29	0	0	0	0		
Summer	LYG	5797	DEPARTURE	08/17/2020 21:40:39	6	65	222	325	065:24:35.40 N	096:40:51.59 W
Summer	LYG	5797	SCHED	08/17/2020 21:42:45	11	87	253	306	065:26:07.80 N	096:46:53.99 W
Summer	LYG	5797	SCHED	08/17/2020 21:44:52	12	62	159	339	065:27:13.19 N	096:53:22.19 W
Summer	LYG	5797	ARRIVAL	08/17/2020 21:46:18	6	0	97	1	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5797	XML_FLIGHT_SUMMARY	08/17/2020 21:46:19	0	0	0	0		
Summer	LYG	5798	DEPARTURE	08/17/2020 21:49:57	7	57	143	29	065:27:43.20 N	096:53:40.20 W
Summer	LYG	5798	SCHED	08/17/2020 21:52:04	13	76	253	221	065:24:18.60 N	096:39:41.99 W
Summer	LYG	5798	ARRIVAL	08/17/2020 21:53:46	7	0	160	339	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5798	XML_FLIGHT_SUMMARY	08/17/2020 21:53:47	0	0	0	0		
Summer	LYG	5799	DEPARTURE	08/17/2020 21:58:48	8	74	260	43	065:24:35.40 N	096:40:19.79 W
Summer	LYG	5799	SCHED	08/17/2020 22:01:51	14	125	352	149	065:20:52.19 N	096:32:27.00 W
Summer	LYG	5799	SCHED	08/17/2020 22:04:01	15	126	341	146	065:16:16.79 N	096:26:22.80 W
Summer	LYG	5799	SCHED	08/17/2020 22:06:18	16	1	178	301	065:15:20.40 N	096:24:49.20 W
Summer	LYG	5799	SCHED	08/17/2020 22:08:25	17	60	339	323	065:16:55.19 N	096:27:26.99 W
Summer	LYG	5799	SCHED	08/17/2020 22:10:31	18	65	353	326	065:18:41.99 N	096:30:34.19 W
Summer	LYG	5799	SCHED	08/17/2020 22:12:39	19	62	305	325	065:20:27.59 N	096:33:32.39 W
Summer	LYG	5799	SCHED	08/17/2020 22:14:45	20	64	304	328	065:22:19.20 N	096:36:37.19 W
Summer	LYG	5799	SCHED	08/17/2020 22:16:51	21	53	267	309	065:24:10.20 N	096:39:37.80 W
Summer	LYG	5799	SCHED	08/17/2020 22:18:57	22	1	164	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5799	ARRIVAL	08/17/2020 22:19:44	8	0	165	287	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5799	XML_FLIGHT_SUMMARY	08/17/2020 22:19:45	0	0	0	0		
Summer	LYG	5800	POWER_ON	08/17/2020 23:03:40	NA	NA	NA	NA		
Summer	LYG	5800	SCHED	08/17/2020 23:04:37	1	0	160	143	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5800	DEPARTURE	08/17/2020 23:05:53	1	67	227	39	065:24:35.40 N	096:40:26.99 W
Summer	LYG	5800	SCHED	08/17/2020 23:10:24	2	128	338	151	065:16:30.59 N	096:24:52.80 W
Summer	LYG	5800	ARRIVAL	08/17/2020 23:12:13	1	0	146	242	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5800	XML_FLIGHT_SUMMARY	08/17/2020 23:12:14	0	0	0	0		
Summer	LYG	5800	SCHED	08/17/2020 23:17:21	3	65	192	334	065:15:37.79 N	096:25:03.59 W
Summer	LYG	5801	DEPARTURE	08/17/2020 23:17:27	2	67	198	331	065:15:39.59 N	096:25:06.00 W
Summer	LYG	5801	SCHED	08/17/2020 23:19:40	4	100	370	323	065:18:19.20 N	096:29:46.80 W
Summer	LYG	5801	SCHED	08/17/2020 23:21:53	5	94	328	326	065:21:14.39 N	096:34:43.19 W
Summer	LYG	5801	SCHED	08/17/2020 23:24:02	6	80	237	316	065:24:04.79 N	096:39:25.20 W
Summer	LYG	5801	ARRIVAL	08/17/2020 23:25:37	2	0	160	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5801	XML_FLIGHT_SUMMARY	08/17/2020 23:25:38	0	0	0	0		
Summer	LYG	5802	POWER_ON	08/18/2020 11:00:54	NA	NA	NA	NA		
Summer	LYG	5802	SCHED	08/18/2020 11:01:51	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5802	DEPARTURE	08/18/2020 11:05:30	1	124	162	151	065:21:43.19 N	096:34:21.59 W
Summer	LYG	5802	SCHED	08/18/2020 11:07:36	2	125	300	147	065:17:59.40 N	096:28:58.80 W
Summer	LYG	5802	SCHED	08/18/2020 11:09:41	3	6	149	242	065:15:23.40 N	096:24:47.99 W
Summer	LYG	5802	ARRIVAL	08/18/2020 11:10:40	1	0	144	219	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5802	XML_FLIGHT_SUMMARY	08/18/2020 11:10:41	0	0	0	0		
Summer	LYG	5802	SCHED	08/18/2020 11:15:45	4	0	147	219	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5803	DEPARTURE	08/18/2020 11:17:52	2	67	204	325	065:15:38.39 N	096:25:12.59 W
Summer	LYG	5803	SCHED	08/18/2020 11:20:00	5	101	312	324	065:18:22.79 N	096:30:10.80 W
Summer	LYG	5803	SCHED	08/18/2020 11:22:10	6	103	286	325	065:21:21.00 N	096:35:08.99 W
Summer	LYG	5803	SCHED	08/18/2020 11:24:21	7	75	222	310	065:24:12.00 N	096:39:47.39 W
Summer	LYG	5803	ARRIVAL	08/18/2020 11:25:48	2	0	165	274	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5803	XML_FLIGHT_SUMMARY	08/18/2020 11:25:49	0	0	0	0		
Summer	LYG	5804	DEPARTURE	08/18/2020 11:28:56	3	82	248	49	065:24:35.99 N	096:40:16.80 W
Summer	LYG	5804	SCHED	08/18/2020 11:31:05	8	124	370	150	065:21:26.39 N	096:34:05.40 W
Summer	LYG	5804	SCHED	08/18/2020 11:33:15	9	120	365	142	065:17:39.59 N	096:28:32.39 W
Summer	LYG	5804	SCHED	08/18/2020 11:35:21	10	4	196	23	065:15:20.40 N	096:24:49.20 W
Summer	LYG	5804	SCHED	08/18/2020 11:37:29	11	67	303	323	065:16:07.19 N	096:26:06.00 W
Summer	LYG	5804	SCHED	08/18/2020 11:39:34	12	77	325	324	065:18:09.59 N	096:29:33.00 W
Summer	LYG	5804	SCHED	08/18/2020 11:41:40	13	71	327	327	065:20:14.39 N	096:32:58.79 W
Summer	LYG	5804	SCHED	08/18/2020 11:43:46	14	70	300	329	065:22:15.59 N	096:36:26.99 W
Summer	LYG	5804	SCHED	08/18/2020 11:45:55	15	57	269	301	065:24:12.59 N	096:39:42.60 W
Summer	LYG	5804	SCHED	08/18/2020 11:48:05	16	7	240	308	065:24:32.99 N	096:41:02.39 W
Summer	LYG	5804	SCHED	08/18/2020 11:50:10	17	93	312	132	065:24:37.19 N	096:39:05.40 W
Summer	LYG	5804	SCHED	08/18/2020 11:52:16	18	101	409	146	065:21:48.59 N	096:34:39.60 W
Summer	LYG	5804	SCHED	08/18/2020 11:54:26	19	100	396	142	065:18:56.40 N	096:29:45.00 W
Summer	LYG	5804	SCHED	08/18/2020 11:56:31	20	94	352	146	065:16:11.40 N	096:24:29.40 W
Summer	LYG	5804	SCHED	08/18/2020 11:58:36	21	1	186	50	065:15:20.40 N	096:24:49.79 W
Summer	LYG	5804	SCHED	08/18/2020 12:00:45	22	71	349	325	065:16:58.80 N	096:27:35.99 W
Summer	LYG	5804	SCHED	08/18/2020 12:03:32	23	72	372	325	065:19:35.39 N	096:32:01.79 W
Summer	LYG	5804	SCHED	08/18/2020 12:05:47	24	74	395	327	065:21:51.60 N	096:35:41.99 W
Summer	LYG	5804	SCHED	08/18/2020 12:07:59	25	64	308	323	065:24:07.19 N	096:39:28.80 W
Summer	LYG	5804	SCHED	08/18/2020 12:10:05	26	28	221	26	065:24:35.99 N	096:40:59.39 W
Summer	LYG	5804	SCHED	08/18/2020 12:12:12	27	0	162	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5804	ARRIVAL	08/18/2020 12:13:01	3	0	162	299	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5804	XML_FLIGHT_SUMMARY	08/18/2020 12:13:02	0	0	0	0		
Summer	LYG	5805	POWER_ON	08/18/2020 13:57:31	NA	NA	NA	NA		
Summer	LYG	5805	SCHED	08/18/2020 13:58:25	1	0	168	333	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5805	DEPARTURE	08/18/2020 13:59:51	1	75	239	37	065:24:37.19 N	096:40:28.19 W
Summer	LYG	5805	SCHED	08/18/2020 14:02:01	2	96	291	160	065:22:14.39 N	096:33:43.80 W
Summer	LYG	5805	ARRIVAL	08/18/2020 14:03:56	1	0	154	323	065:22:38.40 N	096:34:56.99 W
Summer	LYG	5805	XML_FLIGHT_SUMMARY	08/18/2020 14:03:57	0	0	0	0		
Summer	LYG	5806	DEPARTURE	08/18/2020 14:06:02	2	74	221	336	065:22:56.99 N	096:35:18.00 W
Summer	LYG	5806	SCHED	08/18/2020 14:08:07	3	16	167	329	065:24:17.39 N	096:40:38.99 W
Summer	LYG	5806	ARRIVAL	08/18/2020 14:09:07	2	0	160	239	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5806	DEPARTURE	08/18/2020 14:11:08	3	73	228	54	065:24:34.79 N	096:40:20.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5806	SCHED	08/18/2020 14:13:46	4	0	153	334	065:22:37.80 N	096:34:56.99 W
Summer	LYG	5806	ARRIVAL	08/18/2020 14:14:28	3	0	151	334	065:22:37.80 N	096:34:56.99 W
Summer	LYG	5806	XML_FLIGHT_SUMMARY	08/18/2020 14:14:29	0	0	0	0		
Summer	LYG	5807	DEPARTURE	08/18/2020 14:17:17	4	78	229	315	065:22:53.40 N	096:35:29.39 W
Summer	LYG	5807	SCHED	08/18/2020 14:19:27	5	6	165	321	065:24:18.00 N	096:40:39.59 W
Summer	LYG	5807	ARRIVAL	08/18/2020 14:20:28	4	0	164	328	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5807	POWER_ON	08/18/2020 15:05:37	NA	NA	NA	NA		
Summer	LYG	5807	SCHED	08/18/2020 15:06:27	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5807	DEPARTURE	08/18/2020 15:11:20	1	78	225	51	065:24:37.19 N	096:40:20.39 W
Summer	LYG	5807	SCHED	08/18/2020 15:13:26	2	114	378	145	065:21:49.79 N	096:34:37.19 W
Summer	LYG	5807	SCHED	08/18/2020 15:15:43	3	115	382	145	065:18:27.00 N	096:29:06.60 W
Summer	LYG	5807	SCHED	08/18/2020 15:17:53	4	13	151	281	065:15:23.99 N	096:24:47.39 W
Summer	LYG	5807	ARRIVAL	08/18/2020 15:18:54	1	0	144	198	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5807	XML_FLIGHT_SUMMARY	08/18/2020 15:18:55	0	0	0	0		
Summer	LYG	5808	DEPARTURE	08/18/2020 15:22:08	2	80	172	212	065:15:06.60 N	096:25:17.39 W
Summer	LYG	5808	SCHED	08/18/2020 15:24:19	5	60	208	22	065:14:32.39 N	096:31:04.79 W
Summer	LYG	5808	ARRIVAL	08/18/2020 15:25:55	2	0	144	313	065:14:26.40 N	096:30:52.80 W
Summer	LYG	5808	DEPARTURE	08/18/2020 15:27:49	3	64	202	314	065:14:37.79 N	096:31:27.60 W
Summer	LYG	5808	SCHED	08/18/2020 15:29:56	6	97	332	340	065:17:34.20 N	096:34:16.79 W
Summer	LYG	5808	SCHED	08/18/2020 15:32:05	7	98	332	340	065:20:52.19 N	096:37:06.59 W
Summer	LYG	5808	SCHED	08/18/2020 15:34:14	8	75	267	331	065:24:08.39 N	096:39:41.99 W
Summer	LYG	5808	ARRIVAL	08/18/2020 15:35:41	3	0	168	297	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5808	XML_FLIGHT_SUMMARY	08/18/2020 15:35:42	0	0	0	0		
Summer	LYG	5809	POWER_ON	08/18/2020 17:47:53	NA	NA	NA	NA		
Summer	LYG	5809	SCHED	08/18/2020 17:48:50	1	0	160	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5809	DEPARTURE	08/18/2020 17:49:41	1	85	199	114	065:24:22.80 N	096:40:02.39 W
Summer	LYG	5809	SCHED	08/18/2020 17:51:48	2	113	328	163	065:20:59.40 N	096:36:23.39 W
Summer	LYG	5809	SCHED	08/18/2020 17:54:41	3	112	366	163	065:16:14.40 N	096:32:43.80 W
Summer	LYG	5809	SCHED	08/18/2020 17:57:02	4	5	146	333	065:14:34.20 N	096:31:13.20 W
Summer	LYG	5809	ARRIVAL	08/18/2020 17:57:54	1	0	146	321	065:14:34.20 N	096:31:13.20 W
Summer	LYG	5809	XML_FLIGHT_SUMMARY	08/18/2020 17:57:55	0	0	0	0		
Summer	LYG	5810	DEPARTURE	08/18/2020 17:58:47	2	78	217	99	065:14:22.20 N	096:30:45.59 W
Summer	LYG	5810	SCHED	08/18/2020 18:00:53	5	5	152	174	065:15:23.40 N	096:24:48.59 W
Summer	LYG	5810	ARRIVAL	08/18/2020 18:01:49	2	0	148	216	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5810	XML_FLIGHT_SUMMARY	08/18/2020 18:01:50	0	0	0	0		
Summer	LYG	5811	POWER_ON	08/18/2020 18:38:01	NA	NA	NA	NA		
Summer	LYG	5811	SCHED	08/18/2020 18:39:38	1	74	178	233	065:15:15.00 N	096:25:26.99 W
Summer	LYG	5811	DEPARTURE	08/18/2020 18:39:47	1	76	180	232	065:15:13.19 N	096:25:32.39 W
Summer	LYG	5811	SCHED	08/18/2020 18:42:23	2	45	200	201	065:14:28.79 N	096:30:55.20 W
Summer	LYG	5811	SCHED	08/18/2020 18:44:32	3	0	138	359	065:14:48.59 N	096:31:31.79 W
Summer	LYG	5811	ARRIVAL	08/18/2020 18:44:49	1	0	136	359	065:14:48.59 N	096:31:31.79 W
Summer	LYG	5811	XML_FLIGHT_SUMMARY	08/18/2020 18:44:50	0	0	0	0		
Summer	LYG	5812	DEPARTURE	08/18/2020 18:46:15	2	76	221	18	065:15:07.19 N	096:31:13.20 W
Summer	LYG	5812	SCHED	08/18/2020 18:48:27	4	104	325	333	065:18:23.39 N	096:33:19.79 W
Summer	LYG	5812	SCHED	08/18/2020 18:50:35	5	111	322	338	065:21:52.20 N	096:37:11.39 W
Summer	LYG	5812	SCHED	08/18/2020 18:52:44	6	9	168	272	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5812	ARRIVAL	08/18/2020 18:53:35	2	0	168	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5812	XML_FLIGHT_SUMMARY	08/18/2020 18:53:36	0	0	0	0		
Summer	LYG	5813	POWER_ON	08/18/2020 20:35:45	NA	NA	NA	NA		
Summer	LYG	5813	SCHED	08/18/2020 20:39:06	1	105	312	116	065:23:07.79 N	096:35:41.99 W
Summer	LYG	5813	DEPARTURE	08/18/2020 20:39:13	1	82	224	117	065:24:11.39 N	096:39:46.79 W
Summer	LYG	5813	ARRIVAL	08/18/2020 20:40:46	1	0	158	357	065:22:38.40 N	096:34:56.99 W
Summer	LYG	5813	XML_FLIGHT_SUMMARY	08/18/2020 20:42:31	0	0	0	0		
Summer	LYG	5814	DEPARTURE	08/18/2020 20:42:30	2	76	203	306	065:22:42.60 N	096:35:40.80 W
Summer	LYG	5814	SCHED	08/18/2020 20:44:37	2	0	165	306	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5814	ARRIVAL	08/18/2020 20:46:07	2	0	167	280	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5814	DEPARTURE	08/18/2020 20:47:50	3	77	233	102	065:24:14.39 N	096:39:49.20 W
Summer	LYG	5814	SCHED	08/18/2020 20:50:01	3	18	163	305	065:22:37.19 N	096:34:54.59 W
Summer	LYG	5814	ARRIVAL	08/18/2020 20:51:07	3	0	156	310	065:22:37.80 N	096:34:56.99 W
Summer	LYG	5814	DEPARTURE	08/18/2020 20:52:57	4	67	209	243	065:22:25.80 N	096:35:33.00 W
Summer	LYG	5814	SCHED	08/18/2020 20:55:04	4	79	223	256	065:21:09.59 N	096:41:51.59 W
Summer	LYG	5814	SCHED	08/18/2020 20:57:13	5	90	246	73	065:19:48.60 N	096:39:15.59 W
Summer	LYG	5814	SCHED	08/18/2020 20:59:19	6	60	246	166	065:21:03.59 N	096:42:34.20 W
Summer	LYG	5814	SCHED	08/18/2020 21:01:27	7	69	201	231	065:21:08.39 N	096:42:24.59 W
Summer	LYG	5814	SCHED	08/18/2020 21:03:33	8	103	266	16	065:23:33.60 N	096:39:28.19 W
Summer	LYG	5814	ARRIVAL	08/18/2020 21:05:40	4	0	162	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5814	XML_FLIGHT_SUMMARY	08/18/2020 21:05:41	0	0	0	0		
Summer	LYG	5815	DEPARTURE	08/18/2020 21:08:23	5	86	181	107	065:24:12.59 N	096:39:46.79 W
Summer	LYG	5815	SCHED	08/18/2020 21:10:30	9	113	310	161	065:20:50.40 N	096:36:04.20 W
Summer	LYG	5815	SCHED	08/18/2020 21:12:41	10	112	341	164	065:17:05.99 N	096:33:04.79 W
Summer	LYG	5815	SCHED	08/18/2020 21:14:54	11	0	136	356	065:15:18.59 N	096:32:17.39 W
Summer	LYG	5815	ARRIVAL	08/18/2020 21:15:19	5	0	136	356	065:15:18.59 N	096:32:17.39 W
Summer	LYG	5815	XML_FLIGHT_SUMMARY	08/18/2020 21:15:20	0	0	0	0		
Summer	LYG	5815	SCHED	08/18/2020 21:20:41	12	50	189	319	065:15:57.60 N	096:32:42.59 W
Summer	LYG	5816	DEPARTURE	08/18/2020 21:20:50	6	68	233	5	065:16:08.40 N	096:32:46.80 W
Summer	LYG	5816	SCHED	08/18/2020 21:22:57	13	107	326	340	065:19:58.80 N	096:34:03.60 W
Summer	LYG	5816	SCHED	08/18/2020 21:25:07	14	106	294	334	065:23:23.39 N	096:37:42.60 W
Summer	LYG	5816	SCHED	08/18/2020 21:27:24	15	0	160	293	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5816	ARRIVAL	08/18/2020 21:29:08	6	0	160	293	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5816	XML_FLIGHT_SUMMARY	08/18/2020 21:29:09	0	0	0	0		
Summer	LYG	5817	DEPARTURE	08/18/2020 21:30:35	7	81	270	41	065:24:37.80 N	096:40:21.00 W
Summer	LYG	5817	SCHED	08/18/2020 21:32:43	16	104	303	146	065:22:10.20 N	096:34:33.00 W
Summer	LYG	5817	SCHED	08/18/2020 21:34:59	17	107	319	143	065:19:08.40 N	096:29:31.79 W
Summer	LYG	5817	SCHED	08/18/2020 21:37:09	18	104	275	158	065:15:48.59 N	096:24:18.00 W
Summer	LYG	5817	SCHED	08/18/2020 21:39:14	19	2	188	27	065:15:20.99 N	096:24:48.59 W
Summer	LYG	5817	SCHED	08/18/2020 21:41:22	20	77	350	322	065:17:28.79 N	096:28:10.20 W
Summer	LYG	5817	SCHED	08/18/2020 21:43:33	21	85	331	324	065:19:49.19 N	096:32:19.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5817	SCHED	08/18/2020 21:45:39	22	81	310	325	065:22:11.40 N	096:36:13.20 W
Summer	LYG	5817	SCHED	08/18/2020 21:47:49	23	56	252	301	065:24:14.39 N	096:39:53.40 W
Summer	LYG	5817	SCHED	08/18/2020 21:49:59	24	97	265	128	065:24:15.00 N	096:39:19.19 W
Summer	LYG	5817	SCHED	08/18/2020 21:53:35	25	118	345	143	065:19:14.40 N	096:30:52.80 W
Summer	LYG	5817	SCHED	08/18/2020 21:55:47	26	62	175	210	065:15:28.79 N	096:24:30.60 W
Summer	LYG	5817	ARRIVAL	08/18/2020 21:57:01	7	0	141	218	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5817	XML_FLIGHT_SUMMARY	08/18/2020 21:57:02	0	0	0	0		
Summer	LYG	5818	DEPARTURE	08/18/2020 21:58:18	8	80	239	321	065:15:36.59 N	096:25:26.99 W
Summer	LYG	5818	SCHED	08/18/2020 22:00:25	27	111	315	327	065:18:41.39 N	096:30:30.60 W
Summer	LYG	5818	SCHED	08/18/2020 22:02:30	28	110	306	328	065:21:52.20 N	096:35:35.40 W
Summer	LYG	5818	SCHED	08/18/2020 22:04:35	29	36	174	284	065:24:17.39 N	096:40:32.39 W
Summer	LYG	5818	ARRIVAL	08/18/2020 22:05:43	8	0	166	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5818	XML_FLIGHT_SUMMARY	08/18/2020 22:05:44	0	0	0	0		
Summer	LYG	5819	POWER_ON	08/19/2020 13:17:04	NA	NA	NA	NA		
Summer	LYG	5819	SCHED	08/19/2020 13:17:57	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5819	DEPARTURE	08/19/2020 13:20:06	1	78	245	114	065:24:14.39 N	096:39:52.19 W
Summer	LYG	5819	SCHED	08/19/2020 13:22:15	2	30	209	78	065:22:51.60 N	096:44:45.59 W
Summer	LYG	5819	SCHED	08/19/2020 13:24:21	3	44	256	61	065:23:10.80 N	096:43:00.00 W
Summer	LYG	5819	SCHED	08/19/2020 13:26:27	4	5	195	88	065:23:43.20 N	096:40:40.80 W
Summer	LYG	5819	SCHED	08/19/2020 13:28:35	5	83	285	14	065:24:08.39 N	096:39:37.80 W
Summer	LYG	5819	SCHED	08/19/2020 13:30:54	6	1	161	77	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5819	ARRIVAL	08/19/2020 13:31:34	1	0	160	267	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5819	XML_FLIGHT_SUMMARY	08/19/2020 13:31:35	0	0	0	0		
Summer	LYG	5820	POWER_ON	08/19/2020 13:54:27	NA	NA	NA	NA		
Summer	LYG	5820	SCHED	08/19/2020 13:55:24	1	0	164	84	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5820	DEPARTURE	08/19/2020 13:57:02	1	77	270	344	065:24:34.19 N	096:40:24.59 W
Summer	LYG	5820	SCHED	08/19/2020 13:59:09	2	0	154	146	065:25:07.19 N	096:42:10.20 W
Summer	LYG	5820	ARRIVAL	08/19/2020 13:59:35	1	0	155	146	065:25:07.19 N	096:42:10.20 W
Summer	LYG	5820	DEPARTURE	08/19/2020 14:02:35	2	53	263	63	065:25:16.19 N	096:41:34.20 W
Summer	LYG	5820	SCHED	08/19/2020 14:04:47	3	46	284	70	065:25:49.20 N	096:37:38.99 W
Summer	LYG	5820	SCHED	08/19/2020 14:06:55	4	1	189	248	065:26:03.59 N	096:35:21.59 W
Summer	LYG	5820	SCHED	08/19/2020 14:09:01	5	0	156	348	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5820	ARRIVAL	08/19/2020 14:09:20	2	0	157	348	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5820	XML_FLIGHT_SUMMARY	08/19/2020 14:09:21	0	0	0	0		
Summer	LYG	5821	POWER_ON	08/19/2020 14:26:10	NA	NA	NA	NA		
Summer	LYG	5821	SCHED	08/19/2020 14:26:56	1	0	151	138	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5821	DEPARTURE	08/19/2020 14:28:02	1	85	225	247	065:26:02.39 N	096:36:17.39 W
Summer	LYG	5821	SCHED	08/19/2020 14:30:09	2	0	162	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5821	ARRIVAL	08/19/2020 14:30:49	1	0	161	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5821	XML_FLIGHT_SUMMARY	08/19/2020 14:30:50	0	0	0	0		
Summer	LYG	5822	POWER_ON	08/19/2020 15:41:12	NA	NA	NA	NA		
Summer	LYG	5822	SCHED	08/19/2020 15:42:07	1	0	165	287	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5822	DEPARTURE	08/19/2020 15:43:45	1	75	225	41	065:24:36.60 N	096:40:13.80 W
Summer	LYG	5822	SCHED	08/19/2020 15:46:26	2	0	157	48	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5822	ARRIVAL	08/19/2020 15:46:45	1	0	157	48	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5822	XML_FLIGHT_SUMMARY	08/19/2020 15:46:46	0	0	0	0		
Summer	LYG	5823	DEPARTURE	08/19/2020 15:49:01	2	76	236	245	065:26:00.00 N	096:36:09.00 W
Summer	LYG	5823	SCHED	08/19/2020 15:51:06	3	107	274	193	065:22:24.60 N	096:38:04.79 W
Summer	LYG	5823	SCHED	08/19/2020 15:53:26	4	62	191	171	065:19:41.99 N	096:41:33.60 W
Summer	LYG	5823	SCHED	08/19/2020 15:55:36	5	0	148	251	065:19:38.39 N	096:41:38.99 W
Summer	LYG	5823	ARRIVAL	08/19/2020 15:55:45	2	0	148	251	065:19:38.39 N	096:41:38.99 W
Summer	LYG	5823	XML_FLIGHT_SUMMARY	08/19/2020 15:55:46	0	0	0	0		
Summer	LYG	5824	DEPARTURE	08/19/2020 15:57:13	3	80	216	41	065:19:46.19 N	096:40:54.00 W
Summer	LYG	5824	SCHED	08/19/2020 15:59:22	6	112	256	7	065:23:27.60 N	096:39:42.60 W
Summer	LYG	5824	SCHED	08/19/2020 16:01:38	7	0	168	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5824	ARRIVAL	08/19/2020 16:04:06	3	0	166	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5824	XML_FLIGHT_SUMMARY	08/19/2020 16:04:07	0	0	0	0		
Summer	LYG	5825	DEPARTURE	08/19/2020 16:04:49	4	77	216	125	065:24:12.59 N	096:39:51.59 W
Summer	LYG	5825	SCHED	08/19/2020 16:06:55	8	102	250	195	065:20:50.40 N	096:41:06.00 W
Summer	LYG	5825	SCHED	08/19/2020 16:09:02	9	0	143	112	065:19:37.80 N	096:41:37.80 W
Summer	LYG	5825	ARRIVAL	08/19/2020 16:09:11	4	0	143	112	065:19:37.80 N	096:41:37.80 W
Summer	LYG	5825	XML_FLIGHT_SUMMARY	08/19/2020 16:09:12	0	0	0	0		
Summer	LYG	5826	DEPARTURE	08/19/2020 16:11:05	5	83	242	38	065:19:51.60 N	096:41:02.39 W
Summer	LYG	5826	SCHED	08/19/2020 16:13:15	10	107	284	2	065:23:41.40 N	096:39:33.60 W
Summer	LYG	5826	SCHED	08/19/2020 16:15:21	11	0	163	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5826	ARRIVAL	08/19/2020 16:15:32	5	0	165	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5826	XML_FLIGHT_SUMMARY	08/19/2020 16:15:33	0	0	0	0		
Summer	LYG	5827	POWER_ON	08/19/2020 22:56:35	NA	NA	NA	NA		
Summer	LYG	5827	SCHED	08/19/2020 22:57:37	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5827	DEPARTURE	08/19/2020 23:01:02	1	81	234	211	065:21:09.00 N	096:42:38.99 W
Summer	LYG	5827	ARRIVAL	08/19/2020 23:03:02	1	0	150	251	065:20:53.40 N	096:41:48.59 W
Summer	LYG	5827	XML_FLIGHT_SUMMARY	08/19/2020 23:04:28	0	0	0	0		
Summer	LYG	5828	DEPARTURE	08/19/2020 23:04:27	2	69	232	160	065:20:39.00 N	096:42:06.60 W
Summer	LYG	5828	SCHED	08/19/2020 23:06:38	2	115	317	6	065:23:47.99 N	096:38:31.79 W
Summer	LYG	5828	SCHED	08/19/2020 23:08:50	3	0	162	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5828	ARRIVAL	08/19/2020 23:08:56	2	0	162	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5828	XML_FLIGHT_SUMMARY	08/19/2020 23:08:57	0	0	0	0		
Summer	LYG	5829	POWER_ON	08/20/2020 13:20:26	NA	NA	NA	NA		
Summer	LYG	5829	SCHED	08/20/2020 13:21:24	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5829	DEPARTURE	08/20/2020 13:23:00	1	70	180	120	065:24:13.80 N	096:39:53.40 W
Summer	LYG	5829	SCHED	08/20/2020 13:25:12	2	74	212	208	065:21:30.60 N	096:41:21.00 W
Summer	LYG	5829	ARRIVAL	08/20/2020 13:27:16	1	0	146	209	065:20:53.40 N	096:41:48.00 W
Summer	LYG	5829	XML_FLIGHT_SUMMARY	08/20/2020 13:27:17	0	0	0	0		
Summer	LYG	5830	DEPARTURE	08/20/2020 13:28:53	2	82	215	282	065:20:43.80 N	096:42:17.40 W
Summer	LYG	5830	SCHED	08/20/2020 13:31:02	3	132	243	341	065:24:20.99 N	096:39:03.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5830	ARRIVAL	08/20/2020 13:33:06	2	0	162	326	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5830	XML_FLIGHT_SUMMARY	08/20/2020 13:33:07	0	0	0	0		
Summer	LYG	5831	POWER_ON	08/20/2020 17:54:47	NA	NA	NA	NA		
Summer	LYG	5831	SCHED	08/20/2020 17:55:35	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5831	DEPARTURE	08/20/2020 17:59:46	1	68	227	39	065:20:49.19 N	096:41:50.40 W
Summer	LYG	5831	ARRIVAL	08/20/2020 18:00:56	1	0	166	65	065:20:52.80 N	096:41:48.00 W
Summer	LYG	5831	XML_FLIGHT_SUMMARY	08/20/2020 18:05:09	0	0	0	0		
Summer	LYG	5832	DEPARTURE	08/20/2020 18:05:08	2	66	195	344	065:21:01.79 N	096:42:23.40 W
Summer	LYG	5832	SCHED	08/20/2020 18:07:14	2	85	203	35	065:23:35.40 N	096:39:55.20 W
Summer	LYG	5832	ARRIVAL	08/20/2020 18:09:17	2	0	164	296	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5832	XML_FLIGHT_SUMMARY	08/20/2020 18:09:18	0	0	0	0		
Summer	LYG	5833	DEPARTURE	08/20/2020 18:12:03	3	95	192	127	065:24:20.99 N	096:39:58.20 W
Summer	LYG	5833	SCHED	08/20/2020 18:14:09	3	94	217	172	065:20:55.79 N	096:42:40.20 W
Summer	LYG	5833	ARRIVAL	08/20/2020 18:15:46	3	0	151	320	065:20:52.19 N	096:41:48.00 W
Summer	LYG	5833	XML_FLIGHT_SUMMARY	08/20/2020 18:15:47	0	0	0	0		
Summer	LYG	5834	DEPARTURE	08/20/2020 18:18:20	4	65	177	318	065:20:59.99 N	096:42:26.40 W
Summer	LYG	5834	SCHED	08/20/2020 18:20:26	4	86	203	23	065:23:47.99 N	096:39:46.79 W
Summer	LYG	5834	ARRIVAL	08/20/2020 18:22:12	4	0	169	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5834	XML_FLIGHT_SUMMARY	08/20/2020 18:22:13	0	0	0	0		
Summer	LYG	5835	POWER_ON	08/20/2020 18:52:11	NA	NA	NA	NA		
Summer	LYG	5835	SCHED	08/20/2020 18:53:14	1	0	164	202	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5835	DEPARTURE	08/20/2020 18:54:16	1	76	215	25	065:24:37.19 N	096:40:30.60 W
Summer	LYG	5835	SCHED	08/20/2020 18:56:31	2	3	157	343	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5835	ARRIVAL	08/20/2020 18:57:13	1	0	156	356	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5835	XML_FLIGHT_SUMMARY	08/20/2020 18:57:14	0	0	0	0		
Summer	LYG	5836	DEPARTURE	08/20/2020 18:59:07	2	81	226	245	065:26:00.00 N	096:36:15.00 W
Summer	LYG	5836	SCHED	08/20/2020 19:01:16	3	0	166	254	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5836	ARRIVAL	08/20/2020 19:02:00	2	0	166	254	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5836	DEPARTURE	08/20/2020 19:04:00	3	76	227	38	065:24:37.19 N	096:40:23.99 W
Summer	LYG	5836	SCHED	08/20/2020 19:06:08	4	0	160	336	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5836	ARRIVAL	08/20/2020 19:06:49	3	0	156	336	065:26:04.20 N	096:35:22.80 W
Summer	LYG	5836	DEPARTURE	08/20/2020 19:08:40	4	71	197	260	065:26:01.80 N	096:36:10.79 W
Summer	LYG	5836	SCHED	08/20/2020 19:10:55	5	9	167	329	065:24:18.00 N	096:40:39.59 W
Summer	LYG	5836	ARRIVAL	08/20/2020 19:11:45	4	0	166	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5836	POWER_ON	08/20/2020 20:14:28	NA	NA	NA	NA		
Summer	LYG	5836	SCHED	08/20/2020 20:16:32	1	82	235	53	065:24:38.99 N	096:40:11.99 W
Summer	LYG	5836	DEPARTURE	08/20/2020 20:16:41	1	78	226	48	065:24:36.60 N	096:40:19.79 W
Summer	LYG	5836	SCHED	08/20/2020 20:18:53	2	2	157	290	065:25:42.60 N	096:34:46.79 W
Summer	LYG	5836	ARRIVAL	08/20/2020 20:20:37	1	0	153	37	065:25:42.60 N	096:34:46.19 W
Summer	LYG	5836	DEPARTURE	08/20/2020 20:23:49	2	76	212	222	065:25:26.40 N	096:35:17.39 W
Summer	LYG	5836	SCHED	08/20/2020 20:26:06	3	2	164	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5836	ARRIVAL	08/20/2020 20:26:50	2	0	164	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5836	POWER_ON	08/21/2020 13:40:54	NA	NA	NA	NA		
Summer	LYG	5836	SCHED	08/21/2020 13:41:50	1	0	0	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5836	DEPARTURE	08/21/2020 13:45:29	1	130	329	172	065:21:37.80 N	096:35:07.80 W
Summer	LYG	5836	SCHED	08/21/2020 13:47:36	2	138	427	164	065:17:00.00 N	096:33:03.00 W
Summer	LYG	5836	SCHED	08/21/2020 13:49:41	3	140	379	163	065:12:25.19 N	096:29:48.59 W
Summer	LYG	5836	SCHED	08/21/2020 13:51:46	4	140	363	164	065:07:51.60 N	096:26:45.60 W
Summer	LYG	5836	SCHED	08/21/2020 13:54:02	5	139	358	161	065:03:16.20 N	096:23:14.39 W
Summer	LYG	5836	SCHED	08/21/2020 13:56:08	6	0	123	274	065:02:54.60 N	096:22:41.99 W
Summer	LYG	5836	ARRIVAL	08/21/2020 13:56:32	1	0	123	274	065:02:54.60 N	096:22:42.60 W
Summer	LYG	5836	XML_FLIGHT_SUMMARY	08/21/2020 13:56:33	0	0	0	0		
Summer	LYG	5837	DEPARTURE	08/21/2020 13:59:01	2	63	183	340	065:03:12.60 N	096:22:48.60 W
Summer	LYG	5837	SCHED	08/21/2020 14:01:07	7	84	300	340	065:05:47.40 N	096:24:59.39 W
Summer	LYG	5837	SCHED	08/21/2020 14:03:16	8	83	308	340	065:08:32.99 N	096:27:15.00 W
Summer	LYG	5837	SCHED	08/21/2020 14:05:22	9	87	289	343	065:11:37.20 N	096:27:57.60 W
Summer	LYG	5837	SCHED	08/21/2020 14:07:30	10	86	360	342	065:14:26.40 N	096:30:15.00 W
Summer	LYG	5837	SCHED	08/21/2020 14:09:37	11	94	437	338	065:17:25.79 N	096:32:56.40 W
Summer	LYG	5837	SCHED	08/21/2020 14:11:42	12	85	417	341	065:20:18.59 N	096:35:36.00 W
Summer	LYG	5837	SCHED	08/21/2020 14:13:49	13	90	330	337	065:23:19.19 N	096:38:34.19 W
Summer	LYG	5837	SCHED	08/21/2020 14:15:54	14	0	160	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5837	ARRIVAL	08/21/2020 14:16:08	2	0	160	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5837	XML_FLIGHT_SUMMARY	08/21/2020 14:16:09	0	0	0	0		
Summer	LYG	5838	DEPARTURE	08/21/2020 14:17:33	3	72	221	38	065:24:37.19 N	096:40:27.60 W
Summer	LYG	5838	SCHED	08/21/2020 14:19:47	15	130	405	157	065:21:13.79 N	096:35:36.00 W
Summer	LYG	5838	SCHED	08/21/2020 14:22:35	16	138	428	163	065:15:30.59 N	096:30:24.59 W
Summer	LYG	5838	SCHED	08/21/2020 14:24:47	17	134	425	164	065:10:31.79 N	096:27:05.40 W
Summer	LYG	5838	SCHED	08/21/2020 14:26:57	18	131	461	172	065:05:40.80 N	096:24:47.99 W
Summer	LYG	5838	SCHED	08/21/2020 14:29:03	19	61	226	38	065:04:49.79 N	096:24:53.40 W
Summer	LYG	5838	SCHED	08/21/2020 14:31:18	20	0	152	7	065:05:22.19 N	096:25:03.00 W
Summer	LYG	5838	ARRIVAL	08/21/2020 14:31:39	3	0	153	7	065:05:22.19 N	096:25:03.00 W
Summer	LYG	5838	XML_FLIGHT_SUMMARY	08/21/2020 14:31:40	0	0	0	0		
Summer	LYG	5839	POWER_ON	08/21/2020 18:21:42	NA	NA	NA	NA		
Summer	LYG	5839	SCHED	08/21/2020 18:22:39	1	0	0	0	065:05:22.19 N	096:25:03.00 W
Summer	LYG	5839	DEPARTURE	08/21/2020 18:26:24	1	76	183	73	065:05:46.19 N	096:24:11.39 W
Summer	LYG	5839	SCHED	08/21/2020 18:28:36	2	37	166	312	065:02:37.80 N	096:22:52.20 W
Summer	LYG	5839	ARRIVAL	08/21/2020 18:30:08	1	0	128	13	065:02:48.60 N	096:23:00.00 W
Summer	LYG	5839	XML_FLIGHT_SUMMARY	08/21/2020 18:30:09	0	0	0	0		
Summer	LYG	5840	POWER_ON	08/21/2020 20:25:57	NA	NA	NA	NA		
Summer	LYG	5840	SCHED	08/21/2020 20:26:50	1	0	122	182	065:02:48.00 N	096:23:00.00 W
Summer	LYG	5840	DEPARTURE	08/21/2020 20:31:50	1	64	185	330	065:03:11.40 N	096:22:53.40 W
Summer	LYG	5840	SCHED	08/21/2020 20:34:00	2	88	263	345	065:06:02.39 N	096:24:23.99 W
Summer	LYG	5840	SCHED	08/21/2020 20:36:06	3	91	291	355	065:09:14.39 N	096:25:34.19 W
Summer	LYG	5840	SCHED	08/21/2020 20:38:20	4	95	310	338	065:12:18.60 N	096:28:16.19 W
Summer	LYG	5840	SCHED	08/21/2020 20:40:30	5	87	286	342	065:15:28.20 N	096:31:15.00 W
Summer	LYG	5840	SCHED	08/21/2020 20:42:38	6	90	326	337	065:18:27.59 N	096:33:58.19 W
Summer	LYG	5840	SCHED	08/21/2020 20:44:56	7	94	324	340	065:21:29.39 N	096:36:46.19 W
Summer	LYG	5840	SCHED	08/21/2020 20:47:06	8	52	198	264	065:24:13.19 N	096:40:22.19 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5840	ARRIVAL	08/21/2020 20:48:20	1	0	169	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5840	XML_FLIGHT_SUMMARY	08/21/2020 20:48:21	0	0	0	0		
Summer	LYG	5841	POWER_ON	08/21/2020 21:13:40	NA	NA	NA	NA		
Summer	LYG	5841	SCHED	08/21/2020 21:14:34	1	0	161	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5841	DEPARTURE	08/21/2020 21:15:30	1	70	232	38	065:24:35.99 N	096:40:26.99 W
Summer	LYG	5841	SCHED	08/21/2020 21:17:45	2	123	393	150	065:21:25.20 N	096:34:48.00 W
Summer	LYG	5841	SCHED	08/21/2020 21:19:50	3	135	424	147	065:17:21.00 N	096:28:51.59 W
Summer	LYG	5841	SCHED	08/21/2020 21:21:58	4	129	381	150	065:13:27.60 N	096:22:47.99 W
Summer	LYG	5841	SCHED	08/21/2020 21:24:03	5	136	331	148	065:09:25.19 N	096:17:02.39 W
Summer	LYG	5841	SCHED	08/21/2020 21:26:18	6	127	331	117	065:06:16.19 N	096:09:34.79 W
Summer	LYG	5841	SCHED	08/21/2020 21:28:31	7	78	249	68	065:05:32.39 N	096:00:04.79 W
Summer	LYG	5841	SCHED	08/21/2020 21:30:45	8	0	162	63	065:05:31.19 N	095:59:55.20 W
Summer	LYG	5841	ARRIVAL	08/21/2020 21:31:02	1	0	163	63	065:05:31.19 N	095:59:55.20 W
Summer	LYG	5841	XML_FLIGHT_SUMMARY	08/21/2020 21:31:03	0	0	0	0		
Summer	LYG	5842	POWER_ON	08/21/2020 21:53:16	NA	NA	NA	NA		
Summer	LYG	5842	SCHED	08/21/2020 21:54:13	1	0	165	357	065:05:31.19 N	095:59:55.20 W
Summer	LYG	5842	DEPARTURE	08/21/2020 21:55:15	1	62	216	345	065:05:47.40 N	096:00:15.60 W
Summer	LYG	5842	SCHED	08/21/2020 21:57:23	2	103	285	261	065:06:18.59 N	096:06:07.80 W
Summer	LYG	5842	SCHED	08/21/2020 21:59:30	3	104	249	265	065:05:55.79 N	096:14:59.39 W
Summer	LYG	5842	SCHED	08/21/2020 22:01:42	4	62	196	307	065:05:43.19 N	096:23:04.79 W
Summer	LYG	5842	ARRIVAL	08/21/2020 22:02:58	1	0	142	331	065:05:53.40 N	096:23:31.79 W
Summer	LYG	5842	XML_FLIGHT_SUMMARY	08/21/2020 22:02:59	0	0	0	0		
Summer	LYG	5842	SCHED	08/21/2020 22:08:05	5	0	137	35	065:05:47.40 N	096:22:56.99 W
Summer	LYG	5843	DEPARTURE	08/21/2020 22:11:12	2	52	185	251	065:05:33.00 N	096:23:52.80 W
Summer	LYG	5843	SCHED	08/21/2020 22:13:17	6	85	278	349	065:08:02.39 N	096:25:38.99 W
Summer	LYG	5843	SCHED	08/21/2020 22:15:23	7	94	298	341	065:11:03.59 N	096:27:45.60 W
Summer	LYG	5843	SCHED	08/21/2020 22:17:33	8	94	320	340	065:14:04.79 N	096:30:22.20 W
Summer	LYG	5843	SCHED	08/21/2020 22:19:41	9	91	363	341	065:17:11.99 N	096:33:12.60 W
Summer	LYG	5843	SCHED	08/21/2020 22:21:48	10	94	364	340	065:20:16.19 N	096:35:56.99 W
Summer	LYG	5843	SCHED	08/21/2020 22:23:54	11	97	287	338	065:23:27.60 N	096:38:45.60 W
Summer	LYG	5843	SCHED	08/21/2020 22:26:06	12	0	161	247	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5843	ARRIVAL	08/21/2020 22:26:12	2	0	162	247	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5843	XML_FLIGHT_SUMMARY	08/21/2020 22:26:13	0	0	0	0		
Summer	LYG	5844	DEPARTURE	08/21/2020 22:28:02	3	55	237	34	065:24:35.99 N	096:40:24.59 W
Summer	LYG	5844	SCHED	08/21/2020 22:30:14	13	126	351	158	065:21:22.80 N	096:36:25.80 W
Summer	LYG	5844	SCHED	08/21/2020 22:32:23	14	133	355	159	065:16:52.19 N	096:32:20.40 W
Summer	LYG	5844	SCHED	08/21/2020 22:34:31	15	133	294	163	065:12:29.99 N	096:28:39.59 W
Summer	LYG	5844	SCHED	08/21/2020 22:36:43	16	132	275	170	065:07:58.20 N	096:25:37.20 W
Summer	LYG	5844	SCHED	08/21/2020 22:38:58	17	33	168	40	065:05:37.80 N	096:23:29.39 W
Summer	LYG	5844	ARRIVAL	08/21/2020 22:40:33	3	0	140	74	065:05:46.19 N	096:22:56.99 W
Summer	LYG	5844	XML_FLIGHT_SUMMARY	08/21/2020 22:40:34	0	0	0	0		
Summer	LYG	5845	DEPARTURE	08/21/2020 22:42:49	4	49	169	218	065:05:30.00 N	096:23:28.80 W
Summer	LYG	5845	ARRIVAL	08/21/2020 22:44:19	4	0	142	352	065:05:27.59 N	096:24:07.19 W
Summer	LYG	5845	DEPARTURE	08/21/2020 22:46:19	5	36	165	89	065:05:32.39 N	096:23:31.19 W
Summer	LYG	5845	SCHED	08/21/2020 22:48:29	18	27	161	310	065:05:37.19 N	096:23:34.19 W
Summer	LYG	5845	ARRIVAL	08/21/2020 22:50:20	5	0	160	318	065:05:41.99 N	096:24:52.80 W
Summer	LYG	5845	DEPARTURE	08/21/2020 22:52:37	6	64	230	317	065:05:55.20 N	096:25:23.99 W
Summer	LYG	5845	SCHED	08/21/2020 22:54:50	19	96	297	353	065:08:53.99 N	096:26:16.79 W
Summer	LYG	5845	SCHED	08/21/2020 22:56:58	20	98	335	338	065:12:15.60 N	096:28:49.19 W
Summer	LYG	5845	SCHED	08/21/2020 22:59:03	21	98	348	339	065:15:26.40 N	096:31:48.60 W
Summer	LYG	5845	SCHED	08/21/2020 23:01:08	22	97	397	340	065:18:29.39 N	096:34:25.80 W
Summer	LYG	5845	SCHED	08/21/2020 23:03:20	23	96	378	340	065:21:35.39 N	096:37:09.59 W
Summer	LYG	5845	SCHED	08/21/2020 23:05:31	24	39	177	291	065:24:15.00 N	096:40:33.60 W
Summer	LYG	5845	ARRIVAL	08/21/2020 23:06:46	6	0	160	251	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5845	XML_FLIGHT_SUMMARY	08/21/2020 23:06:47	0	0	0	0		
Summer	LYG	5846	POWER_ON	08/22/2020 13:19:06	NA	NA	NA	NA		
Summer	LYG	5846	SCHED	08/22/2020 13:20:59	1	0	162	136	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5846	DEPARTURE	08/22/2020 13:21:41	1	64	186	31	065:24:36.60 N	096:40:32.39 W
Summer	LYG	5846	SCHED	08/22/2020 13:23:47	2	122	430	163	065:21:34.79 N	096:36:18.59 W
Summer	LYG	5846	SCHED	08/22/2020 13:25:52	3	123	463	162	065:17:31.19 N	096:33:01.79 W
Summer	LYG	5846	SCHED	08/22/2020 13:28:02	4	129	427	161	065:13:22.80 N	096:29:34.79 W
Summer	LYG	5846	SCHED	08/22/2020 13:30:13	5	130	361	164	065:08:53.40 N	096:26:24.59 W
Summer	LYG	5846	SCHED	08/22/2020 13:32:18	6	23	150	345	065:05:47.40 N	096:22:26.39 W
Summer	LYG	5846	ARRIVAL	08/22/2020 13:33:39	1	0	144	308	065:05:48.60 N	096:22:33.60 W
Summer	LYG	5846	XML_FLIGHT_SUMMARY	08/22/2020 13:33:40	0	0	0	0		
Summer	LYG	5847	DEPARTURE	08/22/2020 13:35:21	2	63	215	3	065:05:58.80 N	096:23:01.79 W
Summer	LYG	5847	SCHED	08/22/2020 13:37:37	7	123	343	123	065:04:07.79 N	096:14:30.60 W
Summer	LYG	5847	SCHED	08/22/2020 13:39:44	8	103	251	137	065:01:30.59 N	096:05:37.80 W
Summer	LYG	5847	ARRIVAL	08/22/2020 13:41:26	2	0	138	15	065:01:27.00 N	096:04:18.59 W
Summer	LYG	5847	XML_FLIGHT_SUMMARY	08/22/2020 13:41:27	0	0	0	0		
Summer	LYG	5847	SCHED	08/22/2020 13:46:37	9	0	139	15	065:01:27.00 N	096:04:18.59 W
Summer	LYG	5848	DEPARTURE	08/22/2020 13:47:13	3	66	197	311	065:01:36.59 N	096:04:58.20 W
Summer	LYG	5848	SCHED	08/22/2020 13:49:20	10	95	353	327	065:04:07.20 N	096:08:35.99 W
Summer	LYG	5848	SCHED	08/22/2020 13:51:25	11	100	364	328	065:07:01.79 N	096:12:49.19 W
Summer	LYG	5848	SCHED	08/22/2020 13:53:31	12	93	576	326	065:09:46.79 N	096:17:05.99 W
Summer	LYG	5848	SCHED	08/22/2020 13:55:36	13	102	513	326	065:12:35.40 N	096:21:40.80 W
Summer	LYG	5848	SCHED	08/22/2020 13:57:45	14	95	417	338	065:15:32.39 N	096:26:06.00 W
Summer	LYG	5848	SCHED	08/22/2020 13:59:53	15	100	374	328	065:18:37.19 N	096:30:45.59 W
Summer	LYG	5848	SCHED	08/22/2020 14:02:02	16	104	370	329	065:21:39.00 N	096:35:19.19 W
Summer	LYG	5848	SCHED	08/22/2020 14:04:14	17	62	202	268	065:24:14.39 N	096:40:10.80 W
Summer	LYG	5848	ARRIVAL	08/22/2020 14:05:49	3	0	164	300	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5848	XML_FLIGHT_SUMMARY	08/22/2020 14:05:50	0	0	0	0		
Summer	LYG	5849	DEPARTURE	08/22/2020 14:08:57	4	69	236	21	065:24:37.19 N	096:40:34.79 W
Summer	LYG	5849	SCHED	08/22/2020 14:11:04	18	127	352	149	065:21:44.40 N	096:34:45.00 W
Summer	LYG	5849	SCHED	08/22/2020 14:13:18	19	127	388	146	065:18:02.40 N	096:29:01.19 W
Summer	LYG	5849	SCHED	08/22/2020 14:15:26	20	128	323	152	065:13:53.39 N	096:23:15.00 W
Summer	LYG	5849	SCHED	08/22/2020 14:17:32	21	129	336	151	065:09:46.20 N	096:18:23.40 W
Summer	LYG	5849	SCHED	08/22/2020 14:19:37	22	88	259	164	065:06:34.79 N	096:12:11.39 W
Summer	LYG	5849	SCHED	08/22/2020 14:21:44	23	0	116	93	065:06:31.80 N	096:12:43.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5849	ARRIVAL	08/22/2020 14:22:00	4	0	116	93	065:06:31.80 N	096:12:43.79 W
Summer	LYG	5849	XML_FLIGHT_SUMMARY	08/22/2020 14:22:01	0	0	0	0		
Summer	LYG	5850	DEPARTURE	08/22/2020 14:24:02	5	64	219	350	065:06:50.40 N	096:12:52.80 W
Summer	LYG	5850	SCHED	08/22/2020 14:26:12	24	101	364	326	065:09:38.40 N	096:17:23.40 W
Summer	LYG	5850	SCHED	08/22/2020 14:28:22	25	103	345	326	065:12:42.00 N	096:22:14.39 W
Summer	LYG	5850	SCHED	08/22/2020 14:30:32	26	103	340	329	065:15:48.00 N	096:27:07.19 W
Summer	LYG	5850	SCHED	08/22/2020 14:32:42	27	103	352	327	065:18:59.40 N	096:31:47.39 W
Summer	LYG	5850	SCHED	08/22/2020 14:34:49	28	101	342	329	065:22:03.00 N	096:36:29.39 W
Summer	LYG	5850	SCHED	08/22/2020 14:37:00	29	24	171	314	065:24:16.80 N	096:40:37.80 W
Summer	LYG	5850	ARRIVAL	08/22/2020 14:37:58	5	0	166	339	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5850	XML_FLIGHT_SUMMARY	08/22/2020 14:37:59	0	0	0	0		
Summer	LYG	5851	DEPARTURE	08/22/2020 14:41:06	6	70	215	52	065:24:35.99 N	096:40:23.99 W
Summer	LYG	5851	SCHED	08/22/2020 14:43:13	30	103	295	210	065:21:23.39 N	096:40:22.19 W
Summer	LYG	5851	SCHED	08/22/2020 14:45:21	31	0	144	314	065:20:52.80 N	096:41:46.79 W
Summer	LYG	5851	ARRIVAL	08/22/2020 14:46:13	6	0	146	314	065:20:52.80 N	096:41:46.79 W
Summer	LYG	5851	XML_FLIGHT_SUMMARY	08/22/2020 14:46:14	0	0	0	0		
Summer	LYG	5852	DEPARTURE	08/22/2020 14:47:23	7	70	212	9	065:21:12.00 N	096:41:40.20 W
Summer	LYG	5852	SCHED	08/22/2020 14:49:32	32	73	221	320	065:24:11.39 N	096:39:45.60 W
Summer	LYG	5852	ARRIVAL	08/22/2020 14:50:59	7	0	166	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5852	XML_FLIGHT_SUMMARY	08/22/2020 14:51:00	0	0	0	0		
Summer	LYG	5853	POWER_ON	08/22/2020 15:04:27	NA	NA	NA	NA		
Summer	LYG	5853	SCHED	08/22/2020 15:05:38	1	0	171	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5853	DEPARTURE	08/22/2020 15:06:57	1	71	215	39	065:24:35.40 N	096:40:27.60 W
Summer	LYG	5853	SCHED	08/22/2020 15:09:04	2	124	362	164	065:21:13.79 N	096:35:47.39 W
Summer	LYG	5853	SCHED	08/22/2020 15:11:10	3	128	378	160	065:17:06.60 N	096:32:15.60 W
Summer	LYG	5853	SCHED	08/22/2020 15:13:18	4	122	363	164	065:13:03.60 N	096:28:55.20 W
Summer	LYG	5853	SCHED	08/22/2020 15:15:26	5	122	315	162	065:08:50.99 N	096:26:10.80 W
Summer	LYG	5853	SCHED	08/22/2020 15:17:40	6	26	165	48	065:06:00.60 N	096:22:57.60 W
Summer	LYG	5853	ARRIVAL	08/22/2020 15:18:50	1	0	145	38	065:06:01.20 N	096:22:52.20 W
Summer	LYG	5853	XML_FLIGHT_SUMMARY	08/22/2020 15:18:51	0	0	0	0		
Summer	LYG	5854	POWER_ON	08/22/2020 16:38:21	NA	NA	NA	NA		
Summer	LYG	5854	SCHED	08/22/2020 16:39:16	1	0	138	0	065:06:01.20 N	096:22:52.20 W
Summer	LYG	5854	DEPARTURE	08/22/2020 16:40:32	1	62	199	104	065:06:09.59 N	096:22:27.60 W
Summer	LYG	5854	ARRIVAL	08/22/2020 16:42:19	1	0	139	59	065:05:51.60 N	096:22:02.39 W
Summer	LYG	5854	POWER_ON	08/22/2020 17:50:37	NA	NA	NA	NA		
Summer	LYG	5854	SCHED	08/22/2020 17:51:26	1	0	132	210	065:05:51.60 N	096:22:03.00 W
Summer	LYG	5854	DEPARTURE	08/22/2020 17:52:34	1	69	185	128	065:05:57.60 N	096:21:38.99 W
Summer	LYG	5854	SCHED	08/22/2020 17:54:44	2	0	144	327	065:05:35.39 N	096:24:16.19 W
Summer	LYG	5854	ARRIVAL	08/22/2020 17:55:00	1	0	145	327	065:05:35.39 N	096:24:16.19 W
Summer	LYG	5854	DEPARTURE	08/22/2020 17:56:49	2	71	207	326	065:05:46.19 N	096:24:51.59 W
Summer	LYG	5854	SCHED	08/22/2020 17:58:54	3	95	280	354	065:08:41.99 N	096:26:49.79 W
Summer	LYG	5854	SCHED	08/22/2020 18:01:00	4	99	285	337	065:12:05.39 N	096:28:32.39 W
Summer	LYG	5854	SCHED	08/22/2020 18:03:06	5	98	319	337	065:15:16.79 N	096:31:39.59 W
Summer	LYG	5854	SCHED	08/22/2020 18:05:16	6	101	376	340	065:18:25.79 N	096:34:42.60 W
Summer	LYG	5854	SCHED	08/22/2020 18:07:25	7	100	345	342	065:21:47.40 N	096:37:51.59 W
Summer	LYG	5854	SCHED	08/22/2020 18:09:30	8	9	168	336	065:24:18.00 N	096:40:39.59 W
Summer	LYG	5854	ARRIVAL	08/22/2020 18:10:27	2	0	163	268	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5854	XML_FLIGHT_SUMMARY	08/22/2020 18:10:28	0	0	0	0		
Summer	LYG	5855	POWER_ON	08/22/2020 20:44:07	NA	NA	NA	NA		
Summer	LYG	5855	SCHED	08/22/2020 20:45:06	1	0	166	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5855	DEPARTURE	08/22/2020 20:46:07	1	84	239	52	065:24:37.80 N	096:40:21.00 W
Summer	LYG	5855	SCHED	08/22/2020 20:48:13	2	110	289	212	065:21:15.00 N	096:41:34.20 W
Summer	LYG	5855	SCHED	08/22/2020 20:50:26	3	119	334	153	065:17:48.00 N	096:39:01.20 W
Summer	LYG	5855	SCHED	08/22/2020 20:52:33	4	125	370	137	065:13:50.39 N	096:33:34.79 W
Summer	LYG	5855	SCHED	08/22/2020 20:54:58	5	130	385	162	065:10:22.80 N	096:27:06.60 W
Summer	LYG	5855	SCHED	08/22/2020 20:57:12	6	91	294	177	065:05:48.60 N	096:24:59.39 W
Summer	LYG	5855	SCHED	08/22/2020 20:59:20	7	114	303	76	065:06:11.40 N	096:16:16.79 W
Summer	LYG	5855	SCHED	08/22/2020 21:01:26	8	102	267	260	065:06:07.20 N	096:17:21.00 W
Summer	LYG	5855	SCHED	08/22/2020 21:03:32	9	52	226	351	065:05:34.80 N	096:24:00.00 W
Summer	LYG	5855	ARRIVAL	08/22/2020 21:05:25	1	0	148	37	065:05:39.00 N	096:23:37.19 W
Summer	LYG	5855	XML_FLIGHT_SUMMARY	08/22/2020 21:05:26	0	0	0	0		
Summer	LYG	5856	DEPARTURE	08/22/2020 21:09:45	2	31	162	269	065:05:30.59 N	096:24:06.59 W
Summer	LYG	5856	ARRIVAL	08/22/2020 21:10:58	2	0	142	332	065:05:33.60 N	096:24:13.20 W
Summer	LYG	5856	DEPARTURE	08/22/2020 21:13:18	3	67	225	323	065:05:47.40 N	096:24:46.79 W
Summer	LYG	5856	SCHED	08/22/2020 21:15:25	10	102	316	351	065:09:05.40 N	096:26:23.40 W
Summer	LYG	5856	SCHED	08/22/2020 21:17:38	11	101	360	337	065:12:25.19 N	096:28:41.39 W
Summer	LYG	5856	SCHED	08/22/2020 21:20:01	12	100	439	338	065:15:54.00 N	096:32:10.20 W
Summer	LYG	5856	SCHED	08/22/2020 21:22:09	13	106	482	338	065:19:39.00 N	096:35:40.80 W
Summer	LYG	5856	SCHED	08/22/2020 21:24:15	14	99	410	337	065:23:03.59 N	096:38:40.20 W
Summer	LYG	5856	SCHED	08/22/2020 21:26:23	15	0	161	308	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5856	ARRIVAL	08/22/2020 21:26:40	3	0	162	308	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5856	XML_FLIGHT_SUMMARY	08/22/2020 21:26:41	0	0	0	0		
Summer	LYG	5857	DEPARTURE	08/22/2020 21:28:58	4	85	251	49	065:24:38.40 N	096:40:17.39 W
Summer	LYG	5857	SCHED	08/22/2020 21:31:03	16	101	294	192	065:21:07.79 N	096:40:46.79 W
Summer	LYG	5857	SCHED	08/22/2020 21:33:09	17	109	253	140	065:20:08.99 N	096:42:16.19 W
Summer	LYG	5857	SCHED	08/22/2020 21:35:15	18	126	405	134	065:17:10.20 N	096:35:25.80 W
Summer	LYG	5857	SCHED	08/22/2020 21:37:28	19	128	364	137	065:14:04.19 N	096:28:00.00 W
Summer	LYG	5857	SCHED	08/22/2020 21:39:37	20	129	343	140	065:10:32.40 N	096:20:28.20 W
Summer	LYG	5857	SCHED	08/22/2020 21:41:43	21	121	286	139	065:07:04.79 N	096:13:48.59 W
Summer	LYG	5857	SCHED	08/22/2020 21:43:49	22	0	115	29	065:06:10.20 N	096:13:10.20 W
Summer	LYG	5857	ARRIVAL	08/22/2020 21:43:59	4	0	116	29	065:06:10.20 N	096:13:10.20 W
Summer	LYG	5857	XML_FLIGHT_SUMMARY	08/22/2020 21:44:00	0	0	0	0		
Summer	LYG	5858	DEPARTURE	08/22/2020 21:46:41	5	71	202	316	065:06:25.80 N	096:13:38.40 W
Summer	LYG	5858	SCHED	08/22/2020 21:48:47	23	100	278	325	065:09:17.39 N	096:18:26.39 W
Summer	LYG	5858	SCHED	08/22/2020 21:50:55	24	103	307	329	065:12:15.00 N	096:23:07.79 W
Summer	LYG	5858	SCHED	08/22/2020 21:53:01	25	104	332	329	065:15:23.99 N	096:27:34.79 W
Summer	LYG	5858	SCHED	08/22/2020 21:55:07	26	103	363	330	065:18:27.59 N	096:32:09.59 W
Summer	LYG	5858	SCHED	08/22/2020 21:57:12	27	106	374	332	065:21:38.39 N	096:36:24.59 W
Summer	LYG	5858	SCHED	08/22/2020 21:59:17	28	42	178	271	065:24:16.19 N	096:40:31.19 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5858	ARRIVAL	08/22/2020 22:00:25	5	0	160	280	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5858	XML_FLIGHT_SUMMARY	08/22/2020 22:00:26	0	0	0	0		
Summer	LYG	5859	DEPARTURE	08/22/2020 22:02:59	6	87	231	44	065:24:38.40 N	096:40:19.19 W
Summer	LYG	5859	SCHED	08/22/2020 22:05:07	29	109	286	197	065:21:12.00 N	096:40:34.79 W
Summer	LYG	5859	SCHED	08/22/2020 22:07:12	30	0	145	180	065:20:58.20 N	096:42:26.40 W
Summer	LYG	5859	ARRIVAL	08/22/2020 22:07:18	6	0	145	180	065:20:58.20 N	096:42:26.40 W
Summer	LYG	5859	XML_FLIGHT_SUMMARY	08/22/2020 22:07:19	0	0	0	0		
Summer	LYG	5859	SCHED	08/22/2020 22:12:27	31	0	149	252	065:20:52.80 N	096:41:46.79 W
Summer	LYG	5860	DEPARTURE	08/22/2020 22:15:48	7	75	200	329	065:21:01.20 N	096:42:27.60 W
Summer	LYG	5860	SCHED	08/22/2020 22:18:01	32	90	259	350	065:24:04.20 N	096:39:32.39 W
Summer	LYG	5860	ARRIVAL	08/22/2020 22:19:29	7	0	162	291	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5860	XML_FLIGHT_SUMMARY	08/22/2020 22:19:30	0	0	0	0		
Summer	LYG	5861	POWER_ON	08/23/2020 12:52:51	NA	NA	NA	NA		
Summer	LYG	5861	SCHED	08/23/2020 12:53:44	1	0	0	0	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5861	DEPARTURE	08/23/2020 12:55:45	1	73	188	13	065:24:37.19 N	096:40:33.60 W
Summer	LYG	5861	SCHED	08/23/2020 12:57:51	2	49	182	356	065:25:36.60 N	096:34:07.20 W
Summer	LYG	5861	ARRIVAL	08/23/2020 12:59:32	1	0	155	17	065:25:42.60 N	096:34:43.80 W
Summer	LYG	5861	XML_FLIGHT_SUMMARY	08/23/2020 12:59:33	0	0	0	0		
Summer	LYG	5862	DEPARTURE	08/23/2020 13:02:31	2	68	225	210	065:25:25.80 N	096:35:09.59 W
Summer	LYG	5862	SCHED	08/23/2020 13:06:09	3	76	265	213	065:21:02.99 N	096:40:50.40 W
Summer	LYG	5862	ARRIVAL	08/23/2020 13:07:16	2	0	143	226	065:20:53.40 N	096:41:47.39 W
Summer	LYG	5862	XML_FLIGHT_SUMMARY	08/23/2020 13:07:17	0	0	0	0		
Summer	LYG	5863	DEPARTURE	08/23/2020 13:09:38	3	70	200	317	065:20:58.20 N	096:42:29.39 W
Summer	LYG	5863	SCHED	08/23/2020 13:11:44	4	81	278	358	065:24:04.79 N	096:39:39.59 W
Summer	LYG	5863	ARRIVAL	08/23/2020 13:13:22	3	0	162	294	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5863	XML_FLIGHT_SUMMARY	08/23/2020 13:13:23	0	0	0	0		
Summer	LYG	5864	POWER_ON	08/23/2020 15:10:15	NA	NA	NA	NA		
Summer	LYG	5864	SCHED	08/23/2020 15:11:08	1	0	158	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5864	DEPARTURE	08/23/2020 15:12:14	1	76	219	42	065:24:36.60 N	096:40:26.40 W
Summer	LYG	5864	SCHED	08/23/2020 15:14:22	2	122	342	148	065:21:51.60 N	096:34:24.00 W
Summer	LYG	5864	SCHED	08/23/2020 15:16:28	3	124	354	149	065:18:13.79 N	096:28:53.39 W
Summer	LYG	5864	SCHED	08/23/2020 15:18:40	4	39	187	47	065:15:14.40 N	096:24:42.60 W
Summer	LYG	5864	SCHED	08/23/2020 15:20:46	5	1	183	95	065:15:33.59 N	096:23:34.19 W
Summer	LYG	5864	SCHED	08/23/2020 15:22:59	6	121	321	175	065:13:17.99 N	096:25:28.79 W
Summer	LYG	5864	SCHED	08/23/2020 15:25:06	7	124	336	175	065:08:51.60 N	096:24:30.60 W
Summer	LYG	5864	SCHED	08/23/2020 15:27:17	8	57	208	264	065:05:31.19 N	096:25:22.19 W
Summer	LYG	5864	SCHED	08/23/2020 15:29:23	9	0	149	3	065:05:34.19 N	096:25:10.80 W
Summer	LYG	5864	ARRIVAL	08/23/2020 15:29:42	1	0	150	3	065:05:34.19 N	096:25:10.80 W
Summer	LYG	5864	XML_FLIGHT_SUMMARY	08/23/2020 15:29:43	0	0	0	0		
Summer	LYG	5865	DEPARTURE	08/23/2020 15:31:10	2	71	222	316	065:05:39.60 N	096:25:52.79 W
Summer	LYG	5865	SCHED	08/23/2020 15:33:16	10	107	365	345	065:09:14.39 N	096:26:42.60 W
Summer	LYG	5865	SCHED	08/23/2020 15:35:23	11	103	363	325	065:12:40.79 N	096:29:44.39 W
Summer	LYG	5865	SCHED	08/23/2020 15:37:36	12	102	374	325	065:15:31.20 N	096:35:15.60 W
Summer	LYG	5865	SCHED	08/23/2020 15:39:51	13	109	369	329	065:18:46.80 N	096:40:12.59 W
Summer	LYG	5865	SCHED	08/23/2020 15:41:56	14	0	146	348	065:20:53.40 N	096:41:48.00 W
Summer	LYG	5865	ARRIVAL	08/23/2020 15:43:01	2	0	146	252	065:20:53.40 N	096:41:48.00 W
Summer	LYG	5865	XML_FLIGHT_SUMMARY	08/23/2020 15:43:02	0	0	0	0		
Summer	LYG	5866	POWER_ON	08/23/2020 16:03:42	NA	NA	NA	NA		
Summer	LYG	5866	DEPARTURE	08/23/2020 16:05:48	1	74	220	336	065:21:01.20 N	096:42:30.00 W
Summer	LYG	5866	SCHED	08/23/2020 16:05:56	1	98	271	30	065:21:27.59 N	096:42:11.39 W
Summer	LYG	5866	SCHED	08/23/2020 16:08:06	2	110	344	31	065:24:55.79 N	096:37:01.79 W
Summer	LYG	5866	SCHED	08/23/2020 16:10:30	3	8	157	342	065:25:41.99 N	096:34:43.80 W
Summer	LYG	5866	ARRIVAL	08/23/2020 16:11:21	1	0	151	350	065:25:42.60 N	096:34:43.80 W
Summer	LYG	5866	XML_FLIGHT_SUMMARY	08/23/2020 16:11:22	0	0	0	0		
Summer	LYG	5867	DEPARTURE	08/23/2020 16:15:33	2	79	215	231	065:25:29.40 N	096:35:25.20 W
Summer	LYG	5867	SCHED	08/23/2020 16:17:48	4	0	158	255	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5867	ARRIVAL	08/23/2020 16:18:22	2	0	158	255	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5867	POWER_ON	08/23/2020 20:46:44	NA	NA	NA	NA		
Summer	LYG	5867	SCHED	08/23/2020 20:47:33	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5867	DEPARTURE	08/23/2020 20:49:51	1	113	301	159	065:23:55.79 N	096:38:19.19 W
Summer	LYG	5867	SCHED	08/23/2020 20:51:57	2	124	381	160	065:19:42.60 N	096:34:41.39 W
Summer	LYG	5867	SCHED	08/23/2020 20:54:05	3	127	421	159	065:15:31.20 N	096:31:00.00 W
Summer	LYG	5867	SCHED	08/23/2020 20:56:17	4	125	346	163	065:11:13.19 N	096:27:16.19 W
Summer	LYG	5867	SCHED	08/23/2020 20:58:23	5	98	289	177	065:07:01.79 N	096:25:20.39 W
Summer	LYG	5867	SCHED	08/23/2020 21:00:31	6	39	172	80	065:06:36.60 N	096:24:57.00 W
Summer	LYG	5867	SCHED	08/23/2020 21:02:39	7	19	164	300	065:05:48.60 N	096:23:56.40 W
Summer	LYG	5867	ARRIVAL	08/23/2020 21:03:47	1	0	154	290	065:05:50.40 N	096:24:00.00 W
Summer	LYG	5867	XML_FLIGHT_SUMMARY	08/23/2020 21:03:48	0	0	0	0		
Summer	LYG	5867	SCHED	08/23/2020 21:08:56	8	42	172	214	065:05:46.19 N	096:24:48.59 W
Summer	LYG	5868	DEPARTURE	08/23/2020 21:09:00	2	44	173	196	065:05:41.99 N	096:24:51.59 W
Summer	LYG	5868	ARRIVAL	08/23/2020 21:10:59	2	0	145	60	065:05:41.39 N	096:25:04.19 W
Summer	LYG	5868	DEPARTURE	08/23/2020 21:12:16	3	48	165	134	065:05:31.19 N	096:24:31.19 W
Summer	LYG	5868	ARRIVAL	08/23/2020 21:13:44	3	0	129	10	065:05:24.00 N	096:24:05.40 W
Summer	LYG	5868	DEPARTURE	08/23/2020 21:15:09	4	66	197	333	065:05:41.39 N	096:24:23.99 W
Summer	LYG	5868	SCHED	08/23/2020 21:17:14	9	105	314	349	065:08:53.99 N	096:26:16.19 W
Summer	LYG	5868	SCHED	08/23/2020 21:19:28	10	99	371	339	065:12:18.60 N	096:28:30.00 W
Summer	LYG	5868	SCHED	08/23/2020 21:21:49	11	99	337	340	065:15:48.00 N	096:31:47.39 W
Summer	LYG	5868	SCHED	08/23/2020 21:23:55	12	104	345	338	065:19:25.20 N	096:35:19.79 W
Summer	LYG	5868	SCHED	08/23/2020 21:26:01	13	107	309	340	065:22:51.60 N	096:38:28.19 W
Summer	LYG	5868	SCHED	08/23/2020 21:28:06	14	0	159	289	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5868	ARRIVAL	08/23/2020 21:28:32	4	0	160	289	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5868	XML_FLIGHT_SUMMARY	08/23/2020 21:28:33	0	0	0	0		
Summer	LYG	5869	POWER_ON	08/23/2020 22:25:40	NA	NA	NA	NA		
Summer	LYG	5869	SCHED	08/23/2020 22:26:35	1	0	162	338	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5869	DEPARTURE	08/23/2020 22:27:09	1	78	218	39	065:24:36.60 N	096:40:19.19 W
Summer	LYG	5869	SCHED	08/23/2020 22:29:16	2	3	155	52	065:26:04.20 N	096:35:22.19 W
Summer	LYG	5869	ARRIVAL	08/23/2020 22:30:21	1	0	153	289	065:26:04.20 N	096:35:21.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5869	XML_FLIGHT_SUMMARY	08/23/2020 22:30:22	0	0	0	0		
Summer	LYG	5870	DEPARTURE	08/23/2020 22:34:47	2	80	230	248	065:26:03.59 N	096:36:12.00 W
Summer	LYG	5870	SCHED	08/23/2020 22:36:53	3	1	161	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5870	ARRIVAL	08/23/2020 22:37:41	2	0	161	251	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5870	POWER_ON	08/24/2020 12:32:06	NA	NA	NA	NA		
Summer	LYG	5870	SCHED	08/24/2020 12:33:03	1	0	161	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5870	DEPARTURE	08/24/2020 12:34:35	1	72	192	30	065:24:37.19 N	096:40:27.60 W
Summer	LYG	5870	SCHED	08/24/2020 12:36:41	2	69	247	45	065:25:19.19 N	096:35:12.00 W
Summer	LYG	5870	SCHED	08/24/2020 12:38:48	3	64	231	49	065:26:00.00 N	096:37:35.39 W
Summer	LYG	5870	SCHED	08/24/2020 12:40:58	4	38	202	146	065:26:11.39 N	096:35:12.60 W
Summer	LYG	5870	ARRIVAL	08/24/2020 12:42:15	1	0	154	268	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5870	XML_FLIGHT_SUMMARY	08/24/2020 12:42:16	0	0	0	0		
Summer	LYG	5871	DEPARTURE	08/24/2020 12:44:39	2	82	220	262	065:26:03.59 N	096:36:16.79 W
Summer	LYG	5871	SCHED	08/24/2020 12:46:44	5	6	162	290	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5871	ARRIVAL	08/24/2020 12:47:36	2	0	162	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5871	POWER_ON	08/24/2020 13:40:28	NA	NA	NA	NA		
Summer	LYG	5871	SCHED	08/24/2020 13:41:20	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5871	DEPARTURE	08/24/2020 13:42:20	1	77	232	46	065:24:37.80 N	096:40:24.59 W
Summer	LYG	5871	SCHED	08/24/2020 13:44:32	2	115	401	159	065:21:37.80 N	096:36:17.39 W
Summer	LYG	5871	SCHED	08/24/2020 13:46:47	3	114	407	158	065:17:39.00 N	096:32:21.59 W
Summer	LYG	5871	SCHED	08/24/2020 13:48:55	4	116	422	162	065:13:40.20 N	096:28:42.60 W
Summer	LYG	5871	SCHED	08/24/2020 13:51:04	5	116	334	176	065:09:32.99 N	096:26:41.40 W
Summer	LYG	5871	SCHED	08/24/2020 13:53:18	6	66	225	154	065:05:58.80 N	096:24:06.00 W
Summer	LYG	5871	SCHED	08/24/2020 13:55:36	7	0	141	9	065:05:40.80 N	096:24:41.40 W
Summer	LYG	5871	ARRIVAL	08/24/2020 13:56:43	1	0	143	9	065:05:40.80 N	096:24:41.40 W
Summer	LYG	5871	XML_FLIGHT_SUMMARY	08/24/2020 13:56:44	0	0	0	0		
Summer	LYG	5872	DEPARTURE	08/24/2020 13:58:05	2	81	209	333	065:06:01.20 N	096:25:06.00 W
Summer	LYG	5872	SCHED	08/24/2020 14:00:12	8	106	611	347	065:09:32.99 N	096:26:39.59 W
Summer	LYG	5872	SCHED	08/24/2020 14:02:21	9	116	599	338	065:13:21.60 N	096:29:37.79 W
Summer	LYG	5872	SCHED	08/24/2020 14:04:27	10	117	445	339	065:17:14.99 N	096:33:13.20 W
Summer	LYG	5872	SCHED	08/24/2020 14:06:39	11	116	402	339	065:20:58.20 N	096:36:37.19 W
Summer	LYG	5872	SCHED	08/24/2020 14:08:45	12	43	178	280	065:24:17.39 N	096:40:31.79 W
Summer	LYG	5872	ARRIVAL	08/24/2020 14:09:52	2	0	159	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5872	XML_FLIGHT_SUMMARY	08/24/2020 14:09:53	0	0	0	0		
Summer	LYG	5873	POWER_ON	08/24/2020 17:08:24	NA	NA	NA	NA		
Summer	LYG	5873	SCHED	08/24/2020 17:09:20	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5873	DEPARTURE	08/24/2020 17:11:45	1	81	230	36	065:24:38.99 N	096:40:20.39 W
Summer	LYG	5873	ARRIVAL	08/24/2020 17:13:32	1	0	153	289	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5873	XML_FLIGHT_SUMMARY	08/24/2020 17:18:18	0	0	0	0		
Summer	LYG	5874	DEPARTURE	08/24/2020 17:18:17	2	71	243	265	065:26:04.20 N	096:36:08.40 W
Summer	LYG	5874	SCHED	08/24/2020 17:20:23	2	14	170	316	065:24:18.00 N	096:40:38.99 W
Summer	LYG	5874	ARRIVAL	08/24/2020 17:21:21	2	0	163	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5874	POWER_ON	08/24/2020 20:47:09	NA	NA	NA	NA		
Summer	LYG	5874	SCHED	08/24/2020 20:48:05	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5874	DEPARTURE	08/24/2020 20:50:00	1	115	163	163	065:22:37.80 N	096:37:42.60 W
Summer	LYG	5874	SCHED	08/24/2020 20:52:11	2	115	325	158	065:18:52.19 N	096:34:08.99 W
Summer	LYG	5874	SCHED	08/24/2020 20:54:19	3	120	337	163	065:14:53.39 N	096:30:20.99 W
Summer	LYG	5874	SCHED	08/24/2020 20:57:08	4	117	390	168	065:10:02.39 N	096:26:57.60 W
Summer	LYG	5874	SCHED	08/24/2020 20:59:19	5	69	233	168	065:05:57.60 N	096:24:34.79 W
Summer	LYG	5874	SCHED	08/24/2020 21:01:30	6	44	181	77	065:05:40.80 N	096:23:38.40 W
Summer	LYG	5874	ARRIVAL	08/24/2020 21:03:12	1	0	143	257	065:05:47.99 N	096:22:36.60 W
Summer	LYG	5874	XML_FLIGHT_SUMMARY	08/24/2020 21:03:13	0	0	0	0		
Summer	LYG	5875	DEPARTURE	08/24/2020 21:07:47	2	35	172	316	065:05:54.59 N	096:23:34.19 W
Summer	LYG	5875	ARRIVAL	08/24/2020 21:09:28	2	0	142	39	065:05:47.40 N	096:23:58.79 W
Summer	LYG	5875	DEPARTURE	08/24/2020 21:10:52	3	72	211	308	065:05:56.40 N	096:24:40.80 W
Summer	LYG	5875	SCHED	08/24/2020 21:12:59	7	114	392	345	065:09:18.00 N	096:26:31.79 W
Summer	LYG	5875	SCHED	08/24/2020 21:15:08	8	114	343	338	065:13:10.80 N	096:29:05.39 W
Summer	LYG	5875	SCHED	08/24/2020 21:17:32	9	106	339	340	065:16:51.60 N	096:32:35.40 W
Summer	LYG	5875	SCHED	08/24/2020 21:19:37	10	108	403	339	065:20:45.00 N	096:36:20.40 W
Summer	LYG	5875	SCHED	08/24/2020 21:21:42	11	78	242	331	065:24:09.59 N	096:39:43.20 W
Summer	LYG	5875	ARRIVAL	08/24/2020 21:23:12	3	0	165	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5875	XML_FLIGHT_SUMMARY	08/24/2020 21:23:13	0	0	0	0		
Summer	LYG	5876	POWER_ON	08/25/2020 15:41:10	NA	NA	NA	NA		
Summer	LYG	5876	SCHED	08/25/2020 15:42:05	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5876	DEPARTURE	08/25/2020 15:45:52	1	110	162	130	065:21:45.00 N	096:33:03.00 W
Summer	LYG	5876	SCHED	08/25/2020 15:47:58	2	108	388	150	065:18:55.19 N	096:26:19.19 W
Summer	LYG	5876	SCHED	08/25/2020 15:50:04	3	59	172	335	065:16:30.59 N	096:22:40.20 W
Summer	LYG	5876	SCHED	08/25/2020 15:52:10	4	0	142	4	065:16:48.60 N	096:23:30.60 W
Summer	LYG	5876	ARRIVAL	08/25/2020 15:52:27	1	0	140	4	065:16:48.60 N	096:23:30.60 W
Summer	LYG	5876	XML_FLIGHT_SUMMARY	08/25/2020 15:52:28	0	0	0	0		
Summer	LYG	5877	DEPARTURE	08/25/2020 15:54:36	2	71	222	170	065:16:27.00 N	096:23:23.99 W
Summer	LYG	5877	SCHED	08/25/2020 15:56:49	5	106	329	150	065:13:24.59 N	096:19:24.59 W
Summer	LYG	5877	SCHED	08/25/2020 15:59:06	6	103	473	152	065:10:04.20 N	096:15:01.79 W
Summer	LYG	5877	SCHED	08/25/2020 16:01:59	7	111	438	155	065:05:37.80 N	096:09:40.20 W
Summer	LYG	5877	SCHED	08/25/2020 16:04:06	8	86	238	145	065:01:58.19 N	096:04:59.39 W
Summer	LYG	5877	ARRIVAL	08/25/2020 16:05:41	2	0	139	222	065:01:27.60 N	096:04:19.19 W
Summer	LYG	5877	XML_FLIGHT_SUMMARY	08/25/2020 16:05:42	0	0	0	0		
Summer	LYG	5878	POWER_ON	08/25/2020 16:58:53	NA	NA	NA	NA		
Summer	LYG	5878	SCHED	08/25/2020 16:59:50	1	0	142	0	065:01:27.60 N	096:04:19.79 W
Summer	LYG	5878	DEPARTURE	08/25/2020 17:01:35	1	75	209	286	065:01:22.20 N	096:05:01.79 W
Summer	LYG	5878	SCHED	08/25/2020 17:03:43	2	114	441	330	065:04:36.60 N	096:09:46.79 W
Summer	LYG	5878	SCHED	08/25/2020 17:05:55	3	116	401	327	065:07:55.79 N	096:14:58.80 W
Summer	LYG	5878	SCHED	08/25/2020 17:08:04	4	121	394	326	065:11:30.60 N	096:20:24.00 W
Summer	LYG	5878	SCHED	08/25/2020 17:10:18	5	117	424	327	065:15:01.80 N	096:25:57.00 W
Summer	LYG	5878	SCHED	08/25/2020 17:12:24	6	122	427	329	065:18:49.79 N	096:31:31.79 W
Summer	LYG	5878	SCHED	08/25/2020 17:14:30	7	123	395	332	065:22:24.60 N	096:36:43.19 W
Summer	LYG	5878	SCHED	08/25/2020 17:16:36	8	6	171	258	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5878	ARRIVAL	08/25/2020 17:17:33	1	0	165	301	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5878	XML_FLIGHT_SUMMARY	08/25/2020 17:17:34	0	0	0	0		
Summer	LYG	5879	DEPARTURE	08/25/2020 17:21:43	2	78	207	124	065:24:12.59 N	096:39:50.40 W
Summer	LYG	5879	SCHED	08/25/2020 17:23:49	9	118	355	132	065:21:28.19 N	096:34:33.00 W
Summer	LYG	5879	SCHED	08/25/2020 17:25:57	10	116	353	128	065:18:46.19 N	096:27:37.80 W
Summer	LYG	5879	SCHED	08/25/2020 17:28:03	11	11	171	238	065:16:48.00 N	096:23:26.99 W
Summer	LYG	5879	SCHED	08/25/2020 17:30:08	12	80	204	330	065:16:45.59 N	096:23:31.79 W
Summer	LYG	5879	SCHED	08/25/2020 17:32:14	13	0	177	179	065:16:54.60 N	096:24:11.99 W
Summer	LYG	5879	ARRIVAL	08/25/2020 17:32:30	2	0	176	179	065:16:54.60 N	096:24:11.99 W
Summer	LYG	5879	XML_FLIGHT_SUMMARY	08/25/2020 17:32:31	0	0	0	0		
Summer	LYG	5880	DEPARTURE	08/25/2020 17:33:20	3	72	205	179	065:16:34.79 N	096:24:11.39 W
Summer	LYG	5880	SCHED	08/25/2020 17:35:27	14	104	273	180	065:13:19.19 N	096:23:55.20 W
Summer	LYG	5880	SCHED	08/25/2020 17:37:36	15	97	350	181	065:09:52.20 N	096:23:52.80 W
Summer	LYG	5880	SCHED	08/25/2020 17:39:45	16	79	281	186	065:06:21.00 N	096:23:49.79 W
Summer	LYG	5880	SCHED	08/25/2020 17:41:53	17	0	144	169	065:05:35.39 N	096:24:16.80 W
Summer	LYG	5880	ARRIVAL	08/25/2020 17:42:30	3	0	143	325	065:05:35.39 N	096:24:16.80 W
Summer	LYG	5880	XML_FLIGHT_SUMMARY	08/25/2020 17:42:31	0	0	0	0		
Summer	LYG	5881	POWER_ON	08/25/2020 20:19:54	NA	NA	NA	NA		
Summer	LYG	5881	SCHED	08/25/2020 20:20:53	1	0	142	0	065:05:35.39 N	096:24:16.80 W
Summer	LYG	5881	POWER_ON	08/25/2020 21:01:35	NA	NA	NA	NA		
Summer	LYG	5881	SCHED	08/25/2020 21:02:29	1	0	137	154	065:05:35.39 N	096:24:16.80 W
Summer	LYG	5881	DEPARTURE	08/25/2020 21:03:03	1	72	184	54	065:05:47.40 N	096:23:37.80 W
Summer	LYG	5881	ARRIVAL	08/25/2020 21:04:35	1	0	155	203	065:05:55.20 N	096:22:45.60 W
Summer	LYG	5881	DEPARTURE	08/25/2020 21:05:58	2	75	213	261	065:05:42.60 N	096:23:17.39 W
Summer	LYG	5881	SCHED	08/25/2020 21:08:08	2	125	375	348	065:09:11.39 N	096:26:51.00 W
Summer	LYG	5881	SCHED	08/25/2020 21:10:14	3	111	396	321	065:13:32.99 N	096:29:34.20 W
Summer	LYG	5881	SCHED	08/25/2020 21:12:19	4	73	361	183	065:13:51.00 N	096:28:43.20 W
Summer	LYG	5881	SCHED	08/25/2020 21:14:28	5	117	380	357	065:14:32.39 N	096:27:07.80 W
Summer	LYG	5881	SCHED	08/25/2020 21:16:35	6	119	436	331	065:18:16.20 N	096:32:02.39 W
Summer	LYG	5881	SCHED	08/25/2020 21:18:45	7	125	387	333	065:22:09.59 N	096:36:46.79 W
Summer	LYG	5881	SCHED	08/25/2020 21:20:51	8	0	160	317	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5881	ARRIVAL	08/25/2020 21:21:23	2	0	157	317	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5881	XML_FLIGHT_SUMMARY	08/25/2020 21:21:24	0	0	0	0		
Summer	LYG	5882	POWER_ON	08/25/2020 22:00:55	NA	NA	NA	NA		
Summer	LYG	5882	SCHED	08/25/2020 22:01:50	1	0	162	349	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5882	POWER_ON	08/25/2020 22:33:43	NA	NA	NA	NA		
Summer	LYG	5882	SCHED	08/25/2020 22:34:39	1	0	162	332	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5882	POWER_ON	08/26/2020 13:53:21	NA	NA	NA	NA		
Summer	LYG	5882	POWER_ON	08/26/2020 14:31:46	NA	NA	NA	NA		
Summer	LYG	5882	SCHED	08/26/2020 14:32:41	1	0	165	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5882	POWER_ON	08/26/2020 15:02:33	NA	NA	NA	NA		
Summer	LYG	5882	SCHED	08/26/2020 15:03:31	1	0	167	222	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5882	POWER_ON	08/27/2020 13:03:36	NA	NA	NA	NA		
Summer	LYG	5882	SCHED	08/27/2020 13:04:33	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5882	DEPARTURE	08/27/2020 13:06:48	1	84	302	194	065:23:14.39 N	096:39:47.39 W
Summer	LYG	5882	SCHED	08/27/2020 13:08:54	2	14	150	338	065:20:53.99 N	096:41:19.19 W
Summer	LYG	5882	ARRIVAL	08/27/2020 13:10:22	1	0	146	117	065:20:54.59 N	096:41:20.39 W
Summer	LYG	5882	XML_FLIGHT_SUMMARY	08/27/2020 13:10:23	0	0	0	0		
Summer	LYG	5883	DEPARTURE	08/27/2020 13:11:39	2	75	238	107	065:20:40.80 N	096:40:51.00 W
Summer	LYG	5883	SCHED	08/27/2020 13:13:45	3	119	324	324	065:24:32.40 N	096:38:44.39 W
Summer	LYG	5883	ARRIVAL	08/27/2020 13:15:48	2	0	163	275	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5883	XML_FLIGHT_SUMMARY	08/27/2020 13:15:49	0	0	0	0		
Summer	LYG	5884	POWER_ON	08/27/2020 15:05:35	NA	NA	NA	NA		
Summer	LYG	5884	SCHED	08/27/2020 15:06:33	1	0	172	116	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5884	DEPARTURE	08/27/2020 15:07:05	1	67	211	124	065:24:13.19 N	096:39:55.20 W
Summer	LYG	5884	SCHED	08/27/2020 15:09:10	2	77	248	223	065:21:18.00 N	096:41:22.19 W
Summer	LYG	5884	ARRIVAL	08/27/2020 15:10:43	1	0	148	189	065:20:53.99 N	096:41:19.79 W
Summer	LYG	5884	XML_FLIGHT_SUMMARY	08/27/2020 15:10:44	0	0	0	0		
Summer	LYG	5885	DEPARTURE	08/27/2020 15:12:19	2	69	224	82	065:20:43.80 N	096:40:52.79 W
Summer	LYG	5885	SCHED	08/27/2020 15:14:26	3	0	152	148	065:22:22.19 N	096:41:32.39 W
Summer	LYG	5885	ARRIVAL	08/27/2020 15:14:59	2	0	152	148	065:22:22.19 N	096:41:32.39 W
Summer	LYG	5885	DEPARTURE	08/27/2020 15:16:43	3	83	238	59	065:22:22.80 N	096:40:48.00 W
Summer	LYG	5885	SCHED	08/27/2020 15:18:49	4	13	167	195	065:24:19.19 N	096:40:38.99 W
Summer	LYG	5885	ARRIVAL	08/27/2020 15:19:54	3	0	160	358	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5885	POWER_ON	08/27/2020 15:36:44	NA	NA	NA	NA		
Summer	LYG	5885	SCHED	08/27/2020 15:37:39	1	0	158	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5885	POWER_ON	08/27/2020 17:01:41	NA	NA	NA	NA		
Summer	LYG	5885	SCHED	08/27/2020 17:02:36	1	0	166	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5885	DEPARTURE	08/27/2020 17:02:53	1	75	219	91	065:24:16.80 N	096:39:49.20 W
Summer	LYG	5885	SCHED	08/27/2020 17:05:04	2	99	325	138	065:22:00.59 N	096:34:58.79 W
Summer	LYG	5885	SCHED	08/27/2020 17:07:14	3	98	315	141	065:19:13.20 N	096:29:46.80 W
Summer	LYG	5885	SCHED	08/27/2020 17:09:20	4	68	246	121	065:17:02.40 N	096:23:35.40 W
Summer	LYG	5885	ARRIVAL	08/27/2020 17:11:30	1	0	173	197	065:17:00.00 N	096:23:43.79 W
Summer	LYG	5885	XML_FLIGHT_SUMMARY	08/27/2020 17:11:31	0	0	0	0		
Summer	LYG	5886	POWER_ON	08/27/2020 17:13:29	NA	NA	NA	NA		
Summer	LYG	5886	POWER_ON	08/27/2020 18:01:54	NA	NA	NA	NA		
Summer	LYG	5886	SCHED	08/27/2020 18:02:55	1	0	167	153	065:17:00.00 N	096:23:43.79 W
Summer	LYG	5886	DEPARTURE	08/27/2020 18:03:40	1	65	240	102	065:16:46.80 N	096:23:25.80 W
Summer	LYG	5886	SCHED	08/27/2020 18:05:48	2	129	346	311	065:19:39.00 N	096:30:06.00 W
Summer	LYG	5886	SCHED	08/27/2020 18:07:57	3	123	310	285	065:22:19.20 N	096:38:40.20 W
Summer	LYG	5886	ARRIVAL	08/27/2020 18:10:43	1	0	155	195	065:22:22.19 N	096:41:32.99 W
Summer	LYG	5886	XML_FLIGHT_SUMMARY	08/27/2020 18:10:44	0	0	0	0		
Summer	LYG	5887	DEPARTURE	08/27/2020 18:11:47	2	69	224	230	065:22:06.59 N	096:41:39.59 W
Summer	LYG	5887	SCHED	08/27/2020 18:14:03	4	4	153	190	065:22:32.39 N	096:44:45.00 W
Summer	LYG	5887	ARRIVAL	08/27/2020 18:15:01	2	0	152	161	065:22:31.80 N	096:44:45.00 W
Summer	LYG	5887	DEPARTURE	08/27/2020 18:17:26	3	85	233	57	065:22:33.00 N	096:43:58.80 W
Summer	LYG	5887	SCHED	08/27/2020 18:19:40	5	84	238	214	065:24:41.40 N	096:40:35.40 W
Summer	LYG	5887	ARRIVAL	08/27/2020 18:21:32	3	0	161	189	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5887	XML_FLIGHT_SUMMARY	08/27/2020 18:21:33	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5888	POWER_ON	08/27/2020 20:27:43	NA	NA	NA	NA		
Summer	LYG	5888	SCHED	08/27/2020 20:28:40	1	0	163	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5888	DEPARTURE	08/27/2020 20:31:03	1	65	193	101	065:24:13.19 N	096:39:55.79 W
Summer	LYG	5888	SCHED	08/27/2020 20:34:43	2	0	156	242	065:22:31.19 N	096:44:43.80 W
Summer	LYG	5888	ARRIVAL	08/27/2020 20:34:52	1	0	155	242	065:22:31.19 N	096:44:43.80 W
Summer	LYG	5888	XML_FLIGHT_SUMMARY	08/27/2020 20:34:53	0	0	0	0		
Summer	LYG	5889	DEPARTURE	08/27/2020 20:36:35	2	63	242	104	065:22:20.39 N	096:44:11.99 W
Summer	LYG	5889	SCHED	08/27/2020 20:38:44	3	95	243	287	065:24:45.60 N	096:40:01.20 W
Summer	LYG	5889	ARRIVAL	08/27/2020 20:40:27	2	0	164	308	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5889	XML_FLIGHT_SUMMARY	08/27/2020 20:40:28	0	0	0	0		
Summer	LYG	5890	POWER_ON	08/27/2020 21:25:39	NA	NA	NA	NA		
Summer	LYG	5890	SCHED	08/27/2020 21:26:35	1	0	162	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5890	DEPARTURE	08/27/2020 21:28:23	1	65	219	111	065:24:14.39 N	096:39:55.20 W
Summer	LYG	5890	SCHED	08/27/2020 21:30:37	2	103	357	135	065:20:45.00 N	096:33:14.39 W
Summer	LYG	5890	SCHED	08/27/2020 21:33:20	3	102	333	120	065:17:32.39 N	096:25:10.20 W
Summer	LYG	5890	SCHED	08/27/2020 21:35:39	4	0	134	193	065:16:44.39 N	096:22:47.39 W
Summer	LYG	5890	ARRIVAL	08/27/2020 21:36:13	1	0	134	193	065:16:44.39 N	096:22:47.39 W
Summer	LYG	5890	XML_FLIGHT_SUMMARY	08/27/2020 21:36:14	0	0	0	0		
Summer	LYG	5891	DEPARTURE	08/27/2020 21:37:29	2	66	209	38	065:16:42.59 N	096:22:18.00 W
Summer	LYG	5891	ARRIVAL	08/27/2020 21:39:10	2	0	147	143	065:16:52.80 N	096:22:47.99 W
Summer	LYG	5891	DEPARTURE	08/27/2020 21:43:33	3	66	246	349	065:17:01.80 N	096:24:17.39 W
Summer	LYG	5891	SCHED	08/27/2020 21:45:39	5	0	147	197	065:17:05.99 N	096:22:59.39 W
Summer	LYG	5891	ARRIVAL	08/27/2020 21:45:54	3	0	146	197	065:17:05.99 N	096:22:59.39 W
Summer	LYG	5891	DEPARTURE	08/27/2020 21:46:44	4	69	224	321	065:17:07.19 N	096:23:34.79 W
Summer	LYG	5891	ARRIVAL	08/27/2020 21:48:27	4	0	138	196	065:17:18.59 N	096:22:56.99 W
Summer	LYG	5891	DEPARTURE	08/27/2020 21:49:44	5	61	244	235	065:17:02.99 N	096:23:12.60 W
Summer	LYG	5891	SCHED	08/27/2020 21:51:53	6	125	369	319	065:19:47.40 N	096:29:52.19 W
Summer	LYG	5891	SCHED	08/27/2020 21:54:03	7	129	357	320	065:23:10.20 N	096:37:08.40 W
Summer	LYG	5891	SCHED	08/27/2020 21:56:09	8	0	161	344	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5891	ARRIVAL	08/27/2020 21:56:39	5	0	161	344	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5891	XML_FLIGHT_SUMMARY	08/27/2020 21:56:40	0	0	0	0		
Summer	LYG	5892	POWER_ON	08/28/2020 13:32:17	NA	NA	NA	NA		
Summer	LYG	5892	SCHED	08/28/2020 13:33:05	1	0	163	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5892	DEPARTURE	08/28/2020 13:35:00	1	69	224	61	065:24:17.39 N	096:39:58.79 W
Summer	LYG	5892	SCHED	08/28/2020 13:37:11	2	27	164	201	065:26:08.39 N	096:35:14.39 W
Summer	LYG	5892	ARRIVAL	08/28/2020 13:38:30	1	0	152	255	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5892	XML_FLIGHT_SUMMARY	08/28/2020 13:38:31	0	0	0	0		
Summer	LYG	5893	DEPARTURE	08/28/2020 13:40:25	2	62	209	199	065:25:49.20 N	096:35:34.19 W
Summer	LYG	5893	SCHED	08/28/2020 13:42:36	3	8	164	216	065:24:18.60 N	096:40:39.59 W
Summer	LYG	5893	ARRIVAL	08/28/2020 13:43:34	2	0	159	282	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5893	POWER_ON	08/28/2020 19:53:12	NA	NA	NA	NA		
Summer	LYG	5893	SCHED	08/28/2020 19:54:08	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5893	DEPARTURE	08/28/2020 19:58:32	1	1	161	0	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5893	ARRIVAL	08/28/2020 19:59:28	1	0	154	165	065:26:04.20 N	096:35:21.00 W
Summer	LYG	5893	XML_FLIGHT_SUMMARY	08/28/2020 20:02:11	0	0	0	0		
Summer	LYG	5894	DEPARTURE	08/28/2020 20:02:10	2	71	211	210	065:25:45.59 N	096:35:33.60 W
Summer	LYG	5894	SCHED	08/28/2020 20:04:19	2	60	186	203	065:24:28.80 N	096:40:28.19 W
Summer	LYG	5894	ARRIVAL	08/28/2020 20:05:37	2	0	168	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5894	POWER_ON	08/29/2020 12:46:27	NA	NA	NA	NA		
Summer	LYG	5894	SCHED	08/29/2020 12:47:25	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5894	POWER_ON	08/29/2020 13:03:46	NA	NA	NA	NA		
Summer	LYG	5894	SCHED	08/29/2020 13:04:34	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5894	DEPARTURE	08/29/2020 13:08:30	1	71	167	241	065:23:03.59 N	096:45:49.79 W
Summer	LYG	5894	SCHED	08/29/2020 13:10:35	2	1	156	282	065:23:04.79 N	096:46:50.40 W
Summer	LYG	5894	ARRIVAL	08/29/2020 13:11:33	1	0	158	240	065:23:05.40 N	096:46:50.40 W
Summer	LYG	5894	XML_FLIGHT_SUMMARY	08/29/2020 13:11:34	0	0	0	0		
Summer	LYG	5895	DEPARTURE	08/29/2020 13:13:38	2	77	253	112	065:22:49.79 N	096:46:36.00 W
Summer	LYG	5895	SCHED	08/29/2020 13:15:47	3	83	270	354	065:24:03.59 N	096:39:30.00 W
Summer	LYG	5895	ARRIVAL	08/29/2020 13:17:18	2	0	165	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5895	XML_FLIGHT_SUMMARY	08/29/2020 13:17:19	0	0	0	0		
Summer	LYG	5896	DEPARTURE	08/29/2020 13:20:29	3	49	275	357	065:24:39.59 N	096:40:45.00 W
Summer	LYG	5896	SCHED	08/29/2020 13:22:35	4	51	363	239	065:24:50.40 N	096:44:18.60 W
Summer	LYG	5896	SCHED	08/29/2020 13:24:42	5	42	288	204	065:23:17.39 N	096:46:07.80 W
Summer	LYG	5896	SCHED	08/29/2020 13:26:47	6	30	209	192	065:23:02.39 N	096:46:56.99 W
Summer	LYG	5896	SCHED	08/29/2020 13:29:01	7	85	372	46	065:23:28.80 N	096:40:26.40 W
Summer	LYG	5896	SCHED	08/29/2020 13:31:07	8	1	161	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5896	ARRIVAL	08/29/2020 13:31:59	3	0	162	291	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5896	XML_FLIGHT_SUMMARY	08/29/2020 13:32:00	0	0	0	0		
Summer	LYG	5897	POWER_ON	08/29/2020 14:05:22	NA	NA	NA	NA		
Summer	LYG	5897	SCHED	08/29/2020 14:06:10	1	0	162	340	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5897	DEPARTURE	08/29/2020 14:07:56	1	69	229	94	065:24:16.19 N	096:39:55.79 W
Summer	LYG	5897	SCHED	08/29/2020 14:10:02	2	116	475	151	065:21:10.20 N	096:36:00.60 W
Summer	LYG	5897	SCHED	08/29/2020 14:12:13	3	122	506	157	065:17:23.39 N	096:31:48.00 W
Summer	LYG	5897	SCHED	08/29/2020 14:14:19	4	123	479	153	065:13:23.99 N	096:27:08.99 W
Summer	LYG	5897	SCHED	08/29/2020 14:16:34	5	121	473	160	065:09:32.99 N	096:22:58.79 W
Summer	LYG	5897	SCHED	08/29/2020 14:20:26	6	59	188	212	065:05:30.00 N	096:19:24.59 W
Summer	LYG	5897	ARRIVAL	08/29/2020 14:21:09	1	0	128	31	065:05:34.80 N	096:19:49.79 W
Summer	LYG	5897	XML_FLIGHT_SUMMARY	08/29/2020 14:21:10	0	0	0	0		
Summer	LYG	5898	DEPARTURE	08/29/2020 14:24:02	2	70	185	90	065:05:44.40 N	096:19:21.00 W
Summer	LYG	5898	SCHED	08/29/2020 14:26:12	7	0	116	11	065:06:18.00 N	096:15:25.20 W
Summer	LYG	5898	ARRIVAL	08/29/2020 14:26:21	2	0	118	11	065:06:18.00 N	096:15:25.20 W
Summer	LYG	5898	DEPARTURE	08/29/2020 14:28:55	3	67	220	330	065:06:33.60 N	096:15:50.40 W
Summer	LYG	5898	SCHED	08/29/2020 14:31:06	8	107	416	329	065:10:30.60 N	096:21:30.00 W
Summer	LYG	5898	SCHED	08/29/2020 14:33:15	9	111	442	330	065:13:54.00 N	096:26:04.79 W
Summer	LYG	5898	SCHED	08/29/2020 14:35:25	10	108	481	329	065:17:14.40 N	096:30:43.20 W
Summer	LYG	5898	SCHED	08/29/2020 14:37:38	11	110	498	331	065:20:36.60 N	096:35:15.00 W
Summer	LYG	5898	SCHED	08/29/2020 14:39:45	12	90	304	331	065:24:07.19 N	096:39:34.19 W
Summer	LYG	5898	ARRIVAL	08/29/2020 14:41:22	3	0	165	320	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5898	XML_FLIGHT_SUMMARY	08/29/2020 14:41:23	0	0	0	0		
Summer	LYG	5899	DEPARTURE	08/29/2020 14:44:03	4	68	234	356	065:24:37.80 N	096:40:38.99 W
Summer	LYG	5899	SCHED	08/29/2020 14:46:15	13	104	312	263	065:24:37.80 N	096:48:10.20 W
Summer	LYG	5899	SCHED	08/29/2020 14:48:23	14	32	173	214	065:26:20.39 N	096:50:05.40 W
Summer	LYG	5899	ARRIVAL	08/29/2020 14:49:38	4	0	139	220	065:26:16.19 N	096:50:01.20 W
Summer	LYG	5899	XML_FLIGHT_SUMMARY	08/29/2020 14:49:39	0	0	0	0		
Summer	LYG	5900	DEPARTURE	08/29/2020 14:51:18	5	77	217	138	065:25:58.80 N	096:49:53.99 W
Summer	LYG	5900	SCHED	08/29/2020 14:53:27	15	112	307	109	065:25:20.99 N	096:41:26.40 W
Summer	LYG	5900	SCHED	08/29/2020 14:55:32	16	0	164	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5900	ARRIVAL	08/29/2020 14:55:51	5	0	164	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5900	XML_FLIGHT_SUMMARY	08/29/2020 14:55:52	0	0	0	0		
Summer	LYG	5901	DEPARTURE	08/29/2020 14:58:39	6	77	241	40	065:24:37.80 N	096:40:23.39 W
Summer	LYG	5901	SCHED	08/29/2020 15:00:55	17	78	310	146	065:26:22.19 N	096:34:34.79 W
Summer	LYG	5901	ARRIVAL	08/29/2020 15:02:29	6	0	155	313	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5901	XML_FLIGHT_SUMMARY	08/29/2020 15:02:30	0	0	0	0		
Summer	LYG	5902	POWER_ON	08/29/2020 15:23:50	NA	NA	NA	NA		
Summer	LYG	5902	SCHED	08/29/2020 15:24:44	1	0	154	31	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5902	DEPARTURE	08/29/2020 15:26:51	1	42	340	264	065:26:07.19 N	096:36:03.59 W
Summer	LYG	5902	SCHED	08/29/2020 15:29:00	2	34	349	252	065:25:41.40 N	096:38:55.79 W
Summer	LYG	5902	SCHED	08/29/2020 15:31:06	3	37	304	275	065:25:37.20 N	096:42:08.99 W
Summer	LYG	5902	SCHED	08/29/2020 15:33:25	4	40	299	280	065:25:50.40 N	096:45:16.19 W
Summer	LYG	5902	SCHED	08/29/2020 15:35:31	5	36	275	281	065:26:03.00 N	096:48:19.20 W
Summer	LYG	5902	SCHED	08/29/2020 15:37:38	6	0	167	205	065:26:18.60 N	096:49:59.39 W
Summer	LYG	5902	SCHED	08/29/2020 15:39:46	7	100	354	106	065:25:31.19 N	096:44:58.80 W
Summer	LYG	5902	SCHED	08/29/2020 15:41:57	8	28	220	302	065:24:16.19 N	096:40:37.20 W
Summer	LYG	5902	SCHED	08/29/2020 15:44:02	9	103	338	44	065:25:57.00 N	096:37:28.20 W
Summer	LYG	5902	SCHED	08/29/2020 15:46:09	10	0	150	287	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5902	ARRIVAL	08/29/2020 15:46:26	1	0	151	287	065:26:04.20 N	096:35:21.59 W
Summer	LYG	5902	XML_FLIGHT_SUMMARY	08/29/2020 15:46:27	0	0	0	0		
Summer	LYG	5903	DEPARTURE	08/29/2020 15:48:30	2	66	239	271	065:26:06.00 N	096:36:07.80 W
Summer	LYG	5903	SCHED	08/29/2020 15:50:37	11	39	172	291	065:24:15.59 N	096:40:31.79 W
Summer	LYG	5903	ARRIVAL	08/29/2020 15:51:47	2	0	162	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5903	DEPARTURE	08/29/2020 15:53:42	3	67	233	334	065:24:38.40 N	096:40:48.00 W
Summer	LYG	5903	SCHED	08/29/2020 15:55:48	12	90	274	292	065:25:58.80 N	096:48:32.39 W
Summer	LYG	5903	ARRIVAL	08/29/2020 15:57:30	3	0	131	278	065:26:17.39 N	096:50:01.20 W
Summer	LYG	5903	XML_FLIGHT_SUMMARY	08/29/2020 15:57:31	0	0	0	0		
Summer	LYG	5904	POWER_ON	08/29/2020 16:21:54	NA	NA	NA	NA		
Summer	LYG	5904	SCHED	08/29/2020 16:22:41	1	0	135	280	065:26:17.39 N	096:50:01.20 W
Summer	LYG	5904	DEPARTURE	08/29/2020 16:23:30	1	72	218	156	065:26:00.00 N	096:50:02.39 W
Summer	LYG	5904	SCHED	08/29/2020 16:25:35	2	99	261	105	065:23:53.40 N	096:44:33.00 W
Summer	LYG	5904	SCHED	08/29/2020 16:27:43	3	2	161	296	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5904	ARRIVAL	08/29/2020 16:28:35	1	0	160	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5904	XML_FLIGHT_SUMMARY	08/29/2020 16:28:36	0	0	0	0		
Summer	LYG	5905	POWER_ON	08/29/2020 18:36:24	NA	NA	NA	NA		
Summer	LYG	5905	SCHED	08/29/2020 18:37:21	1	0	157	309	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5905	DEPARTURE	08/29/2020 18:39:04	1	73	232	127	065:24:23.39 N	096:40:07.19 W
Summer	LYG	5905	SCHED	08/29/2020 18:41:50	2	53	265	262	065:23:02.39 N	096:46:13.20 W
Summer	LYG	5905	SCHED	08/29/2020 18:44:02	3	41	248	359	065:23:14.39 N	096:47:00.00 W
Summer	LYG	5905	SCHED	08/29/2020 18:46:08	4	54	316	58	065:24:47.99 N	096:44:46.80 W
Summer	LYG	5905	SCHED	08/29/2020 18:48:17	5	15	225	266	065:25:06.59 N	096:42:06.60 W
Summer	LYG	5905	SCHED	08/29/2020 18:50:23	6	60	289	225	065:24:22.19 N	096:40:03.00 W
Summer	LYG	5905	SCHED	08/29/2020 18:52:29	7	96	342	240	065:23:37.80 N	096:40:26.99 W
Summer	LYG	5905	ARRIVAL	08/29/2020 18:55:47	1	0	156	289	065:23:04.79 N	096:46:50.40 W
Summer	LYG	5905	XML_FLIGHT_SUMMARY	08/29/2020 18:55:48	0	0	0	0		
Summer	LYG	5905	SCHED	08/29/2020 18:56:05	8	0	156	289	065:23:05.40 N	096:46:50.40 W
Summer	LYG	5906	POWER_ON	08/29/2020 19:07:59	NA	NA	NA	NA		
Summer	LYG	5906	SCHED	08/29/2020 19:08:52	1	0	157	0	065:23:04.79 N	096:46:50.40 W
Summer	LYG	5906	DEPARTURE	08/29/2020 19:09:56	1	65	231	329	065:23:20.39 N	096:47:15.00 W
Summer	LYG	5906	SCHED	08/29/2020 19:12:04	2	110	245	328	065:26:15.60 N	096:51:48.60 W
Summer	LYG	5906	SCHED	08/29/2020 19:14:13	3	0	96	8	065:27:29.99 N	096:53:28.80 W
Summer	LYG	5906	ARRIVAL	08/29/2020 19:14:31	1	0	96	8	065:27:29.99 N	096:53:28.80 W
Summer	LYG	5906	XML_FLIGHT_SUMMARY	08/29/2020 19:14:32	0	0	0	0		
Summer	LYG	5907	DEPARTURE	08/29/2020 19:17:47	2	68	195	22	065:27:45.00 N	096:53:42.60 W
Summer	LYG	5907	SCHED	08/29/2020 19:21:35	4	0	138	285	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5907	ARRIVAL	08/29/2020 19:21:54	2	0	137	285	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5907	DEPARTURE	08/29/2020 19:23:27	3	71	222	22	065:26:31.79 N	096:50:17.39 W
Summer	LYG	5907	SCHED	08/29/2020 19:26:20	5	107	312	118	065:25:03.59 N	096:40:35.40 W
Summer	LYG	5907	ARRIVAL	08/29/2020 19:28:12	3	0	159	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5907	XML_FLIGHT_SUMMARY	08/29/2020 19:28:13	0	0	0	0		
Summer	LYG	5908	POWER_ON	08/29/2020 20:43:06	NA	NA	NA	NA		
Summer	LYG	5908	SCHED	08/29/2020 20:43:55	1	0	161	235	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5908	DEPARTURE	08/29/2020 20:45:42	1	75	202	109	065:24:16.19 N	096:39:54.59 W
Summer	LYG	5908	SCHED	08/29/2020 20:47:53	2	106	464	158	065:20:56.99 N	096:36:28.80 W
Summer	LYG	5908	SCHED	08/29/2020 20:49:58	3	112	490	155	065:17:34.80 N	096:32:38.39 W
Summer	LYG	5908	SCHED	08/29/2020 20:52:06	4	108	480	155	065:14:03.00 N	096:28:48.59 W
Summer	LYG	5908	SCHED	08/29/2020 20:54:16	5	110	457	156	065:10:31.79 N	096:25:23.99 W
Summer	LYG	5908	SCHED	08/29/2020 20:56:22	6	110	384	150	065:06:50.40 N	096:21:22.80 W
Summer	LYG	5908	SCHED	08/29/2020 20:58:27	7	2	130	151	065:05:45.60 N	096:17:48.60 W
Summer	LYG	5908	ARRIVAL	08/29/2020 20:59:15	1	0	127	104	065:05:45.60 N	096:17:48.60 W
Summer	LYG	5908	XML_FLIGHT_SUMMARY	08/29/2020 20:59:16	0	0	0	0		
Summer	LYG	5909	DEPARTURE	08/29/2020 21:02:54	2	42	150	149	065:05:30.59 N	096:17:32.39 W
Summer	LYG	5909	SCHED	08/29/2020 21:05:04	8	0	114	9	065:05:28.80 N	096:17:18.59 W
Summer	LYG	5909	SCHED	08/29/2020 21:07:09	9	87	255	325	065:06:19.80 N	096:18:44.39 W
Summer	LYG	5909	SCHED	08/29/2020 21:09:17	10	105	481	333	065:09:12.00 N	096:22:18.59 W
Summer	LYG	5909	SCHED	08/29/2020 21:11:30	11	109	528	336	065:12:38.40 N	096:26:13.20 W
Summer	LYG	5909	SCHED	08/29/2020 21:13:36	12	110	572	334	065:16:22.79 N	096:30:18.60 W
Summer	LYG	5909	SCHED	08/29/2020 21:15:42	13	116	552	333	065:19:54.60 N	096:34:18.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5909	SCHED	08/29/2020 21:17:47	14	103	462	334	065:23:29.39 N	096:38:19.19 W
Summer	LYG	5909	SCHED	08/29/2020 21:19:52	15	0	160	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5909	ARRIVAL	08/29/2020 21:19:59	2	0	160	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5909	XML_FLIGHT_SUMMARY	08/29/2020 21:20:00	0	0	0	0		
Summer	LYG	5910	DEPARTURE	08/29/2020 21:23:38	3	76	273	346	065:24:40.79 N	096:40:40.20 W
Summer	LYG	5910	SCHED	08/29/2020 21:25:43	16	93	325	294	065:26:00.00 N	096:48:06.59 W
Summer	LYG	5910	ARRIVAL	08/29/2020 21:27:30	3	0	135	288	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5910	XML_FLIGHT_SUMMARY	08/29/2020 21:27:31	0	0	0	0		
Summer	LYG	5911	DEPARTURE	08/29/2020 21:30:00	4	66	229	294	065:26:22.19 N	096:50:42.60 W
Summer	LYG	5911	SCHED	08/29/2020 21:32:09	17	0	96	358	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5911	ARRIVAL	08/29/2020 21:32:26	4	0	97	358	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5911	POWER_ON	08/29/2020 22:47:23	NA	NA	NA	NA		
Summer	LYG	5911	SCHED	08/29/2020 22:49:47	1	1	99	309	065:27:29.99 N	096:53:29.39 W
Summer	LYG	5911	DEPARTURE	08/29/2020 22:49:53	1	70	173	45	065:27:45.00 N	096:53:36.60 W
Summer	LYG	5911	SCHED	08/29/2020 22:52:09	2	0	138	267	065:26:17.39 N	096:50:00.60 W
Summer	LYG	5911	ARRIVAL	08/29/2020 22:52:47	1	0	136	267	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5911	DEPARTURE	08/29/2020 22:57:38	2	66	213	8	065:26:31.79 N	096:50:21.59 W
Summer	LYG	5911	SCHED	08/29/2020 22:59:43	3	111	344	105	065:25:31.19 N	096:43:01.19 W
Summer	LYG	5911	SCHED	08/29/2020 23:01:49	4	0	161	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5911	ARRIVAL	08/29/2020 23:02:27	2	0	157	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5911	XML_FLIGHT_SUMMARY	08/29/2020 23:02:28	0	0	0	0		
Summer	LYG	5912	POWER_ON	08/29/2020 23:17:10	NA	NA	NA	NA		
Summer	LYG	5912	SCHED	08/29/2020 23:18:10	1	0	161	73	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5912	DEPARTURE	08/29/2020 23:18:50	1	63	218	323	065:24:34.79 N	096:40:47.39 W
Summer	LYG	5912	SCHED	08/29/2020 23:20:56	2	94	328	295	065:25:46.79 N	096:47:22.80 W
Summer	LYG	5912	ARRIVAL	08/29/2020 23:23:03	1	0	139	342	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5912	XML_FLIGHT_SUMMARY	08/29/2020 23:23:04	0	0	0	0		
Summer	LYG	5913	DEPARTURE	08/29/2020 23:24:19	2	64	226	357	065:26:29.40 N	096:50:25.20 W
Summer	LYG	5913	SCHED	08/29/2020 23:26:25	3	121	392	110	065:25:30.60 N	096:42:00.59 W
Summer	LYG	5913	SCHED	08/29/2020 23:28:41	4	0	165	297	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5913	ARRIVAL	08/29/2020 23:28:56	2	0	167	297	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5913	XML_FLIGHT_SUMMARY	08/29/2020 23:28:57	0	0	0	0		
Summer	LYG	5914	POWER_ON	08/30/2020 12:12:53	NA	NA	NA	NA		
Summer	LYG	5914	SCHED	08/30/2020 12:15:12	1	73	214	326	065:24:34.19 N	096:40:46.79 W
Summer	LYG	5914	DEPARTURE	08/30/2020 12:15:21	1	75	218	320	065:24:35.99 N	096:40:50.40 W
Summer	LYG	5914	SCHED	08/30/2020 12:17:27	2	80	196	331	065:26:18.00 N	096:49:24.00 W
Summer	LYG	5914	ARRIVAL	08/30/2020 12:19:02	1	0	137	107	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5914	XML_FLIGHT_SUMMARY	08/30/2020 12:19:03	0	0	0	0		
Summer	LYG	5915	DEPARTURE	08/30/2020 12:21:32	2	66	226	228	065:26:01.19 N	096:50:10.20 W
Summer	LYG	5915	SCHED	08/30/2020 12:23:40	3	4	100	351	065:27:29.40 N	096:53:28.80 W
Summer	LYG	5915	ARRIVAL	08/30/2020 12:24:30	2	0	93	1	065:27:29.40 N	096:53:29.39 W
Summer	LYG	5915	DEPARTURE	08/30/2020 12:25:50	3	71	151	75	065:27:43.20 N	096:53:22.80 W
Summer	LYG	5915	SCHED	08/30/2020 12:29:35	4	108	350	114	065:25:26.40 N	096:42:08.39 W
Summer	LYG	5915	ARRIVAL	08/30/2020 12:31:27	3	0	162	330	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5915	XML_FLIGHT_SUMMARY	08/30/2020 12:31:28	0	0	0	0		
Summer	LYG	5916	POWER_ON	08/30/2020 15:03:50	NA	NA	NA	NA		
Summer	LYG	5916	SCHED	08/30/2020 15:04:52	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5916	DEPARTURE	08/30/2020 15:06:07	1	89	312	308	065:24:47.99 N	096:40:18.00 W
Summer	LYG	5916	SCHED	08/30/2020 15:08:16	2	42	500	124	065:23:49.79 N	096:43:07.19 W
Summer	LYG	5916	SCHED	08/30/2020 15:10:26	3	82	719	250	065:24:57.00 N	096:43:00.59 W
Summer	LYG	5916	SCHED	08/30/2020 15:12:34	4	91	862	48	065:23:41.40 N	096:40:48.59 W
Summer	LYG	5916	SCHED	08/30/2020 15:14:39	5	51	892	119	065:24:02.39 N	096:41:52.19 W
Summer	LYG	5916	SCHED	08/30/2020 15:16:45	6	106	377	294	065:25:35.40 N	096:45:16.79 W
Summer	LYG	5916	SCHED	08/30/2020 15:19:04	7	71	184	309	065:27:14.39 N	096:52:53.40 W
Summer	LYG	5916	ARRIVAL	08/30/2020 15:20:22	1	0	100	6	065:27:29.99 N	096:53:28.80 W
Summer	LYG	5916	XML_FLIGHT_SUMMARY	08/30/2020 15:20:23	0	0	0	0		
Summer	LYG	5917	DEPARTURE	08/30/2020 15:23:15	2	70	172	39	065:27:46.19 N	096:53:35.40 W
Summer	LYG	5917	SCHED	08/30/2020 15:25:20	8	105	358	114	065:26:20.39 N	096:46:15.00 W
Summer	LYG	5917	SCHED	08/30/2020 15:27:28	9	47	202	182	065:24:26.99 N	096:40:30.60 W
Summer	LYG	5917	ARRIVAL	08/30/2020 15:28:52	2	0	165	312	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5917	XML_FLIGHT_SUMMARY	08/30/2020 15:28:53	0	0	0	0		
Summer	LYG	5918	DEPARTURE	08/30/2020 15:32:25	3	75	243	119	065:24:13.80 N	096:39:52.19 W
Summer	LYG	5918	SCHED	08/30/2020 15:34:37	10	123	346	312	065:25:09.00 N	096:46:52.80 W
Summer	LYG	5918	SCHED	08/30/2020 15:36:48	11	10	100	255	065:27:29.40 N	096:53:28.19 W
Summer	LYG	5918	ARRIVAL	08/30/2020 15:37:47	3	0	93	30	065:27:29.40 N	096:53:29.39 W
Summer	LYG	5918	XML_FLIGHT_SUMMARY	08/30/2020 15:37:48	0	0	0	0		
Summer	LYG	5919	DEPARTURE	08/30/2020 15:39:21	4	68	152	55	065:27:45.00 N	096:53:30.60 W
Summer	LYG	5919	SCHED	08/30/2020 15:41:32	12	4	136	122	065:26:17.39 N	096:50:00.60 W
Summer	LYG	5919	ARRIVAL	08/30/2020 15:42:24	4	0	134	87	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5919	DEPARTURE	08/30/2020 15:43:22	5	77	238	124	065:26:01.19 N	096:49:31.80 W
Summer	LYG	5919	SCHED	08/30/2020 15:45:46	13	87	286	128	065:25:06.00 N	096:41:26.40 W
Summer	LYG	5919	ARRIVAL	08/30/2020 15:47:28	5	0	159	329	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5919	XML_FLIGHT_SUMMARY	08/30/2020 15:47:29	0	0	0	0		
Summer	LYG	5920	POWER_ON	08/30/2020 18:33:33	NA	NA	NA	NA		
Summer	LYG	5920	SCHED	08/30/2020 18:34:18	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5920	DEPARTURE	08/30/2020 18:35:48	1	87	247	162	065:24:03.00 N	096:39:31.79 W
Summer	LYG	5920	SCHED	08/30/2020 18:37:53	2	1	194	165	065:23:48.59 N	096:40:51.59 W
Summer	LYG	5920	SCHED	08/30/2020 18:40:06	3	1	190	300	065:23:50.40 N	096:40:55.79 W
Summer	LYG	5920	SCHED	08/30/2020 18:42:14	4	22	220	328	065:24:16.19 N	096:40:40.20 W
Summer	LYG	5920	ARRIVAL	08/30/2020 18:44:17	1	0	163	270	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5920	POWER_ON	08/30/2020 20:08:28	NA	NA	NA	NA		
Summer	LYG	5920	SCHED	08/30/2020 20:09:15	1	0	162	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5920	DEPARTURE	08/30/2020 20:10:32	1	85	258	331	065:24:34.19 N	096:40:30.00 W
Summer	LYG	5920	SCHED	08/30/2020 20:12:38	2	103	340	291	065:25:54.00 N	096:49:00.60 W
Summer	LYG	5920	SCHED	08/30/2020 20:14:44	3	10	185	132	065:26:18.00 N	096:49:57.60 W
Summer	LYG	5920	SCHED	08/30/2020 20:16:51	4	39	276	138	065:25:23.39 N	096:47:53.99 W
Summer	LYG	5920	SCHED	08/30/2020 20:19:01	5	38	325	127	065:24:31.80 N	096:45:37.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5920	SCHED	08/30/2020 20:21:11	6	36	348	112	065:23:57.00 N	096:42:30.60 W
Summer	LYG	5920	SCHED	08/30/2020 20:23:22	7	0	181	83	065:23:43.20 N	096:40:39.59 W
Summer	LYG	5920	SCHED	08/30/2020 20:25:28	8	64	219	64	065:23:47.99 N	096:40:14.39 W
Summer	LYG	5920	SCHED	08/30/2020 20:28:17	9	110	302	289	065:24:56.40 N	096:42:10.80 W
Summer	LYG	5920	SCHED	08/30/2020 20:30:23	10	43	170	104	065:26:20.99 N	096:50:13.79 W
Summer	LYG	5920	ARRIVAL	08/30/2020 20:31:37	1	0	130	134	065:26:17.39 N	096:50:00.00 W
Summer	LYG	5920	XML_FLIGHT_SUMMARY	08/30/2020 20:31:38	0	0	0	0		
Summer	LYG	5921	DEPARTURE	08/30/2020 20:34:19	2	69	199	123	065:26:02.39 N	096:49:35.40 W
Summer	LYG	5921	SCHED	08/30/2020 20:36:28	11	100	319	112	065:25:19.19 N	096:41:51.59 W
Summer	LYG	5921	SCHED	08/30/2020 20:38:34	12	0	160	294	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5921	ARRIVAL	08/30/2020 20:38:42	2	0	160	294	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5921	XML_FLIGHT_SUMMARY	08/30/2020 20:38:43	0	0	0	0		
Summer	LYG	5922	POWER_ON	08/31/2020 13:06:31	NA	NA	NA	NA		
Summer	LYG	5922	SCHED	08/31/2020 13:07:26	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5922	DEPARTURE	08/31/2020 13:10:48	1	89	272	159	065:23:00.00 N	096:38:23.99 W
Summer	LYG	5922	SCHED	08/31/2020 13:14:30	2	102	336	154	065:18:14.40 N	096:33:10.20 W
Summer	LYG	5922	SCHED	08/31/2020 13:16:37	3	107	337	158	065:13:57.59 N	096:28:34.79 W
Summer	LYG	5922	SCHED	08/31/2020 13:20:20	4	109	296	156	065:07:54.59 N	096:22:19.19 W
Summer	LYG	5922	ARRIVAL	08/31/2020 13:23:27	1	0	125	77	065:05:42.60 N	096:18:37.19 W
Summer	LYG	5922	XML_FLIGHT_SUMMARY	08/31/2020 13:23:28	0	0	0	0		
Summer	LYG	5922	SCHED	08/31/2020 13:23:54	5	0	125	77	065:05:42.60 N	096:18:37.19 W
Summer	LYG	5923	DEPARTURE	08/31/2020 13:24:44	2	55	164	61	065:05:50.40 N	096:18:01.19 W
Summer	LYG	5923	ARRIVAL	08/31/2020 13:27:10	2	0	139	66	065:06:03.59 N	096:17:05.40 W
Summer	LYG	5923	DEPARTURE	08/31/2020 13:27:39	3	46	143	139	065:05:48.60 N	096:16:46.19 W
Summer	LYG	5923	ARRIVAL	08/31/2020 13:28:56	3	0	116	59	065:05:44.40 N	096:16:26.40 W
Summer	LYG	5923	DEPARTURE	08/31/2020 13:30:38	4	47	145	16	065:06:00.60 N	096:16:12.60 W
Summer	LYG	5923	ARRIVAL	08/31/2020 13:32:10	4	0	119	52	065:06:07.79 N	096:16:15.60 W
Summer	LYG	5923	DEPARTURE	08/31/2020 13:33:21	5	43	137	62	065:06:16.19 N	096:15:39.00 W
Summer	LYG	5923	ARRIVAL	08/31/2020 13:35:32	5	0	115	59	065:06:21.00 N	096:14:58.80 W
Summer	LYG	5923	DEPARTURE	08/31/2020 13:35:47	6	36	156	339	065:06:35.39 N	096:15:13.79 W
Summer	LYG	5923	SCHED	08/31/2020 13:37:53	6	15	121	72	065:06:37.19 N	096:14:55.80 W
Summer	LYG	5923	ARRIVAL	08/31/2020 13:38:50	6	0	119	69	065:06:37.80 N	096:14:52.80 W
Summer	LYG	5923	DEPARTURE	08/31/2020 13:40:18	7	59	185	150	065:06:35.39 N	096:14:25.20 W
Summer	LYG	5923	SCHED	08/31/2020 13:42:27	7	89	261	137	065:04:17.39 N	096:09:56.39 W
Summer	LYG	5923	SCHED	08/31/2020 13:44:36	8	81	213	147	065:01:44.39 N	096:05:15.00 W
Summer	LYG	5923	SCHED	08/31/2020 13:46:41	9	0	137	225	065:01:25.79 N	096:04:13.79 W
Summer	LYG	5923	ARRIVAL	08/31/2020 13:46:54	7	0	137	225	065:01:25.79 N	096:04:13.79 W
Summer	LYG	5923	XML_FLIGHT_SUMMARY	08/31/2020 13:46:55	0	0	0	0		
Summer	LYG	5924	DEPARTURE	08/31/2020 13:49:58	8	66	231	334	065:01:40.20 N	096:04:04.20 W
Summer	LYG	5924	SCHED	08/31/2020 13:52:05	10	119	298	320	065:04:38.39 N	096:09:23.39 W
Summer	LYG	5924	SCHED	08/31/2020 13:55:01	11	113	259	325	065:08:40.79 N	096:17:00.60 W
Summer	LYG	5924	SCHED	08/31/2020 13:57:08	12	109	274	326	065:12:21.60 N	096:22:49.79 W
Summer	LYG	5924	SCHED	08/31/2020 13:59:20	13	109	278	324	065:15:32.39 N	096:28:07.80 W
Summer	LYG	5924	SCHED	08/31/2020 14:01:26	14	108	336	332	065:18:51.60 N	096:32:54.59 W
Summer	LYG	5924	SCHED	08/31/2020 14:03:33	15	106	287	336	065:22:10.20 N	096:36:59.39 W
Summer	LYG	5924	SCHED	08/31/2020 14:05:47	16	1	166	36	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5924	ARRIVAL	08/31/2020 14:07:26	8	0	159	255	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5924	XML_FLIGHT_SUMMARY	08/31/2020 14:07:27	0	0	0	0		
Summer	LYG	5925	POWER_ON	09/02/2020 11:12:45	NA	NA	NA	NA		
Summer	LYG	5925	SCHED	09/02/2020 11:13:32	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5925	DEPARTURE	09/02/2020 11:18:17	1	115	267	146	065:20:46.19 N	096:33:28.80 W
Summer	LYG	5925	SCHED	09/02/2020 11:20:23	2	105	352	143	065:16:45.59 N	096:27:12.60 W
Summer	LYG	5925	SCHED	09/02/2020 11:22:28	3	0	158	343	065:15:23.40 N	096:24:48.59 W
Summer	LYG	5925	ARRIVAL	09/02/2020 11:23:03	1	0	153	352	065:15:23.40 N	096:24:48.59 W
Summer	LYG	5925	XML_FLIGHT_SUMMARY	09/02/2020 11:23:04	0	0	0	0		
Summer	LYG	5926	DEPARTURE	09/02/2020 11:24:30	2	84	207	199	065:15:03.60 N	096:24:42.60 W
Summer	LYG	5926	SCHED	09/02/2020 11:26:41	4	106	329	149	065:12:04.80 N	096:20:42.60 W
Summer	LYG	5926	SCHED	09/02/2020 11:28:50	5	107	346	148	065:08:47.99 N	096:15:55.20 W
Summer	LYG	5926	SCHED	09/02/2020 11:30:56	6	105	309	147	065:05:34.80 N	096:11:04.19 W
Summer	LYG	5926	SCHED	09/02/2020 11:33:02	7	107	276	145	065:02:26.40 N	096:06:35.39 W
Summer	LYG	5926	SCHED	09/02/2020 11:35:13	8	0	138	88	065:01:25.79 N	096:04:13.79 W
Summer	LYG	5926	ARRIVAL	09/02/2020 11:35:21	2	0	138	88	065:01:25.79 N	096:04:14.39 W
Summer	LYG	5926	XML_FLIGHT_SUMMARY	09/02/2020 11:35:22	0	0	0	0		
Summer	LYG	5927	POWER_ON	09/02/2020 11:46:01	NA	NA	NA	NA		
Summer	LYG	5927	SCHED	09/02/2020 11:46:58	1	0	137	0	065:01:25.79 N	096:04:14.39 W
Summer	LYG	5927	DEPARTURE	09/02/2020 11:48:17	1	73	248	324	065:01:41.39 N	096:04:08.99 W
Summer	LYG	5927	SCHED	09/02/2020 11:50:24	2	126	347	328	065:05:23.39 N	096:09:41.40 W
Summer	LYG	5927	SCHED	09/02/2020 11:52:36	3	129	339	327	065:09:05.40 N	096:15:13.19 W
Summer	LYG	5927	SCHED	09/02/2020 11:54:46	4	121	332	328	065:12:50.40 N	096:20:56.40 W
Summer	LYG	5927	SCHED	09/02/2020 11:56:51	5	22	154	86	065:15:23.99 N	096:24:51.59 W
Summer	LYG	5927	ARRIVAL	09/02/2020 11:57:58	1	0	144	247	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5927	XML_FLIGHT_SUMMARY	09/02/2020 11:57:59	0	0	0	0		
Summer	LYG	5928	POWER_ON	09/02/2020 12:26:46	NA	NA	NA	NA		
Summer	LYG	5928	SCHED	09/02/2020 12:27:42	1	0	145	0	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5928	SCHED	09/02/2020 12:32:48	2	2	183	220	065:15:22.79 N	096:24:49.20 W
Summer	LYG	5928	SCHED	09/02/2020 12:37:53	3	1	175	204	065:15:27.60 N	096:24:32.39 W
Summer	LYG	5928	SCHED	09/02/2020 12:42:59	4	2	179	164	065:15:26.40 N	096:24:33.00 W
Summer	LYG	5928	SCHED	09/02/2020 12:48:04	5	1	184	239	065:15:26.40 N	096:24:33.00 W
Summer	LYG	5928	SCHED	09/02/2020 12:53:12	6	29	223	249	065:15:24.59 N	096:24:45.60 W
Summer	LYG	5928	SCHED	09/02/2020 12:58:23	7	16	194	241	065:15:25.79 N	096:24:36.60 W
Summer	LYG	5928	SCHED	09/02/2020 13:03:34	8	0	176	185	065:15:26.40 N	096:24:33.60 W
Summer	LYG	5928	SCHED	09/02/2020 13:08:46	9	7	187	11	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5928	SCHED	09/02/2020 13:13:56	10	1	186	85	065:15:27.60 N	096:24:32.39 W
Summer	LYG	5928	SCHED	09/02/2020 13:19:08	11	66	187	329	065:15:31.20 N	096:24:57.60 W
Summer	LYG	5928	DEPARTURE	09/02/2020 13:19:14	1	79	213	314	065:15:39.59 N	096:25:16.19 W
Summer	LYG	5928	SCHED	09/02/2020 13:21:25	12	108	263	316	065:18:24.59 N	096:30:40.20 W
Summer	LYG	5928	SCHED	09/02/2020 13:23:33	13	106	250	329	065:21:45.60 N	096:36:15.00 W
Summer	LYG	5928	SCHED	09/02/2020 13:25:47	14	55	196	257	065:24:13.80 N	096:40:12.59 W
Summer	LYG	5928	ARRIVAL	09/02/2020 13:27:30	1	0	160	304	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5928	XML_FLIGHT_SU MMARY	09/02/2020 13:27:31	0	0	0	0		
Summer	LYG	5929	POWER_ON	09/02/2020 13:39:19	NA	NA	NA	NA		
Summer	LYG	5929	SCHED	09/02/2020 13:40:10	1	0	160	263	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5929	DEPARTURE	09/02/2020 13:41:56	1	71	205	117	065:24:13.80 N	096:39:54.00 W
Summer	LYG	5929	SCHED	09/02/2020 13:44:02	2	102	238	141	065:21:36.60 N	096:34:49.79 W
Summer	LYG	5929	SCHED	09/02/2020 13:46:22	3	97	228	149	065:18:50.39 N	096:30:05.39 W
Summer	LYG	5929	SCHED	09/02/2020 13:48:28	4	88	224	172	065:15:37.79 N	096:25:30.60 W
Summer	LYG	5929	ARRIVAL	09/02/2020 13:50:00	1	0	142	243	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5929	XML_FLIGHT_SU MMARY	09/02/2020 13:50:01	0	0	0	0		
Summer	LYG	5929	SCHED	09/02/2020 13:55:08	5	1	180	216	065:15:20.40 N	096:24:49.79 W
Summer	LYG	5929	SCHED	09/02/2020 14:00:16	6	13	209	191	065:15:22.20 N	096:24:50.40 W
Summer	LYG	5929	SCHED	09/02/2020 14:05:22	7	8	210	165	065:15:22.20 N	096:24:49.79 W
Summer	LYG	5929	SCHED	09/02/2020 14:10:31	8	19	238	250	065:15:25.20 N	096:24:48.59 W
Summer	LYG	5929	SCHED	09/02/2020 14:15:43	9	18	217	251	065:15:26.40 N	096:24:38.40 W
Summer	LYG	5929	SCHED	09/02/2020 14:20:49	10	2	186	195	065:15:26.40 N	096:24:32.39 W
Summer	LYG	5929	SCHED	09/02/2020 14:25:56	11	1	181	22	065:15:20.99 N	096:24:49.79 W
Summer	LYG	5929	SCHED	09/02/2020 14:31:02	12	3	181	296	065:15:20.40 N	096:24:48.59 W
Summer	LYG	5929	SCHED	09/02/2020 14:36:20	13	5	189	22	065:15:27.60 N	096:24:34.19 W
Summer	LYG	5929	SCHED	09/02/2020 14:41:27	14	0	145	293	065:15:27.60 N	096:24:30.60 W
Summer	LYG	5929	SCHED	09/02/2020 14:46:33	15	0	145	56	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5929	SCHED	09/02/2020 14:51:42	16	0	144	56	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5930	POWER_ON	09/02/2020 14:56:56	NA	NA	NA	NA		
Summer	LYG	5930	SCHED	09/02/2020 14:58:02	1	0	144	0	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5930	DEPARTURE	09/02/2020 14:58:21	1	31	177	32	065:15:28.20 N	096:24:43.20 W
Summer	LYG	5930	SCHED	09/02/2020 15:00:28	2	52	180	237	065:15:26.99 N	096:23:52.19 W
Summer	LYG	5930	ARRIVAL	09/02/2020 15:01:56	1	0	134	112	065:15:34.20 N	096:23:55.20 W
Summer	LYG	5930	POWER_ON	09/02/2020 15:12:27	NA	NA	NA	NA		
Summer	LYG	5930	SCHED	09/02/2020 15:13:19	1	0	137	0	065:15:34.20 N	096:23:55.20 W
Summer	LYG	5930	DEPARTURE	09/02/2020 15:14:03	1	85	218	253	065:15:42.00 N	096:24:30.00 W
Summer	LYG	5930	SCHED	09/02/2020 15:16:11	2	1	184	331	065:15:20.40 N	096:24:49.20 W
Summer	LYG	5930	SCHED	09/02/2020 15:18:17	3	30	210	65	065:15:35.40 N	096:24:06.59 W
Summer	LYG	5930	SCHED	09/02/2020 15:20:24	4	51	193	170	065:15:25.20 N	096:25:02.39 W
Summer	LYG	5930	SCHED	09/02/2020 15:22:32	5	5	177	353	065:15:36.59 N	096:23:47.39 W
Summer	LYG	5930	SCHED	09/02/2020 15:24:42	6	36	201	63	065:15:31.79 N	096:24:19.79 W
Summer	LYG	5930	SCHED	09/02/2020 15:26:49	7	72	227	200	065:15:29.40 N	096:25:09.59 W
Summer	LYG	5930	SCHED	09/02/2020 15:28:58	8	3	177	153	065:15:36.59 N	096:23:46.79 W
Summer	LYG	5930	SCHED	09/02/2020 15:31:07	9	1	178	38	065:15:20.99 N	096:24:49.20 W
Summer	LYG	5930	SCHED	09/02/2020 15:33:14	10	1	170	346	065:15:36.59 N	096:23:47.39 W
Summer	LYG	5930	SCHED	09/02/2020 15:35:21	11	11	187	143	065:15:23.99 N	096:24:49.79 W
Summer	LYG	5930	ARRIVAL	09/02/2020 15:37:23	1	0	145	212	065:15:22.79 N	096:24:48.59 W
Summer	LYG	5930	XML_FLIGHT_SU MMARY	09/02/2020 15:37:24	0	0	0	0		
Summer	LYG	5931	POWER_ON	09/02/2020 15:44:53	NA	NA	NA	NA		
Summer	LYG	5931	POWER_ON	09/02/2020 15:54:41	NA	NA	NA	NA		
Summer	LYG	5931	SCHED	09/02/2020 15:56:10	1	113	269	318	065:16:55.19 N	096:25:56.39 W
Summer	LYG	5931	DEPARTURE	09/02/2020 15:56:23	1	82	203	336	065:15:56.99 N	096:23:52.19 W
Summer	LYG	5931	SCHED	09/02/2020 15:58:29	2	122	284	319	065:20:50.99 N	096:34:01.79 W
Summer	LYG	5931	SCHED	09/02/2020 16:00:35	3	91	222	321	065:24:09.00 N	096:39:44.39 W
Summer	LYG	5931	ARRIVAL	09/02/2020 16:02:14	1	0	160	290	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5931	XML_FLIGHT_SU MMARY	09/02/2020 16:02:15	0	0	0	0		
Summer	LYG	5932	POWER_ON	09/02/2020 20:05:24	NA	NA	NA	NA		
Summer	LYG	5932	SCHED	09/02/2020 20:06:13	1	0	158	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5932	DEPARTURE	09/02/2020 20:07:14	1	65	197	99	065:24:19.19 N	096:39:55.20 W
Summer	LYG	5932	SCHED	09/02/2020 20:09:22	2	108	393	145	065:21:21.59 N	096:35:25.20 W
Summer	LYG	5932	SCHED	09/02/2020 20:11:30	3	112	466	143	065:18:15.59 N	096:29:45.00 W
Summer	LYG	5932	SCHED	09/02/2020 20:13:38	4	51	171	129	065:15:28.20 N	096:24:46.20 W
Summer	LYG	5932	ARRIVAL	09/02/2020 20:15:08	1	0	141	233	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5932	XML_FLIGHT_SU MMARY	09/02/2020 20:15:09	0	0	0	0		
Summer	LYG	5933	POWER_ON	09/02/2020 20:57:24	NA	NA	NA	NA		
Summer	LYG	5933	SCHED	09/02/2020 20:58:12	1	0	141	0	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5933	DEPARTURE	09/02/2020 20:59:21	1	69	209	20	065:15:37.19 N	096:24:00.00 W
Summer	LYG	5933	SCHED	09/02/2020 21:01:26	2	125	398	321	065:18:43.19 N	096:29:14.40 W
Summer	LYG	5933	SCHED	09/02/2020 21:03:39	3	122	345	324	065:22:10.20 N	096:35:49.19 W
Summer	LYG	5933	SCHED	09/02/2020 21:05:47	4	1	158	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5933	ARRIVAL	09/02/2020 21:06:33	1	0	158	283	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5933	XML_FLIGHT_SU MMARY	09/02/2020 21:06:34	0	0	0	0		
Summer	LYG	5934	POWER_ON	09/02/2020 21:47:55	NA	NA	NA	NA		
Summer	LYG	5934	SCHED	09/02/2020 21:48:56	1	0	158	140	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5934	DEPARTURE	09/02/2020 21:50:18	1	58	257	3	065:24:34.19 N	096:40:26.40 W
Summer	LYG	5934	SCHED	09/02/2020 21:52:27	2	71	307	122	065:24:32.99 N	096:39:20.40 W
Summer	LYG	5934	SCHED	09/02/2020 21:54:37	3	81	450	147	065:22:03.59 N	096:35:46.79 W
Summer	LYG	5934	SCHED	09/02/2020 21:56:48	4	80	392	138	065:19:53.99 N	096:31:26.40 W
Summer	LYG	5934	SCHED	09/02/2020 21:59:03	5	76	387	152	065:17:33.00 N	096:27:34.20 W
Summer	LYG	5934	SCHED	09/02/2020 22:01:15	6	23	229	105	065:15:28.20 N	096:24:37.19 W
Summer	LYG	5934	SCHED	09/02/2020 22:03:24	7	39	203	28	065:15:30.59 N	096:24:30.00 W
Summer	LYG	5934	SCHED	09/02/2020 22:05:29	8	92	517	324	065:17:58.80 N	096:28:20.99 W
Summer	LYG	5934	SCHED	09/02/2020 22:07:35	9	98	469	324	065:20:42.60 N	096:32:44.39 W
Summer	LYG	5934	SCHED	09/02/2020 22:10:37	10	90	396	324	065:24:06.00 N	096:38:21.00 W
Summer	LYG	5934	SCHED	09/02/2020 22:12:45	11	2	197	55	065:24:34.79 N	096:41:01.80 W
Summer	LYG	5934	SCHED	09/02/2020 22:14:54	12	80	364	145	065:23:47.99 N	096:38:31.79 W
Summer	LYG	5934	SCHED	09/02/2020 22:17:42	13	85	423	143	065:20:43.19 N	096:33:15.00 W
Summer	LYG	5934	SCHED	09/02/2020 22:19:48	14	84	418	149	065:18:13.79 N	096:28:31.20 W
Summer	LYG	5934	SCHED	09/02/2020 22:21:59	15	69	345	151	065:15:45.59 N	096:25:25.80 W
Summer	LYG	5934	SCHED	09/02/2020 22:24:07	16	55	239	355	065:15:36.00 N	096:24:31.19 W
Summer	LYG	5934	SCHED	09/02/2020 22:26:13	17	90	509	325	065:17:57.60 N	096:28:31.20 W
Summer	LYG	5934	SCHED	09/02/2020 22:28:19	18	88	478	325	065:20:33.00 N	096:32:56.40 W
Summer	LYG	5934	SCHED	09/02/2020 22:30:29	19	86	417	326	065:23:07.79 N	096:37:00.00 W
Summer	LYG	5934	SCHED	09/02/2020 22:32:35	20	54	264	182	065:24:40.79 N	096:41:28.19 W
Summer	LYG	5934	SCHED	09/02/2020 22:34:42	21	1	202	79	065:24:34.79 N	096:41:04.19 W
Summer	LYG	5934	SCHED	09/02/2020 22:36:51	22	103	316	146	065:24:03.00 N	096:38:42.60 W
Summer	LYG	5934	SCHED	09/02/2020 22:38:57	23	108	379	144	065:20:50.40 N	096:33:37.19 W
Summer	LYG	5934	SCHED	09/02/2020 22:41:03	24	111	391	145	065:17:46.80 N	096:28:27.60 W
Summer	LYG	5934	SCHED	09/02/2020 22:43:18	25	4	193	112	065:15:26.99 N	096:24:33.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5934	SCHED	09/02/2020 22:45:26	26	84	375	324	065:16:54.60 N	096:26:32.39 W
Summer	LYG	5934	SCHED	09/02/2020 22:47:32	27	88	428	325	065:19:24.00 N	096:30:43.80 W
Summer	LYG	5934	SCHED	09/02/2020 22:49:39	28	88	385	327	065:21:51.60 N	096:34:49.79 W
Summer	LYG	5934	SCHED	09/02/2020 22:51:47	29	85	371	320	065:24:22.19 N	096:39:04.19 W
Summer	LYG	5934	SCHED	09/02/2020 22:53:57	30	1	163	194	065:24:34.19 N	096:41:01.20 W
Summer	LYG	5934	ARRIVAL	09/02/2020 22:55:56	1	0	162	288	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5934	XML_FLIGHT_SUMMARY	09/02/2020 22:55:57	0	0	0	0		
Summer	LYG	5935	POWER_ON	09/02/2020 23:11:32	NA	NA	NA	NA		
Summer	LYG	5935	SCHED	09/02/2020 23:12:24	1	0	166	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5935	DEPARTURE	09/02/2020 23:13:08	1	73	212	104	065:24:19.19 N	096:39:53.40 W
Summer	LYG	5935	SCHED	09/02/2020 23:15:18	2	121	392	144	065:21:04.79 N	096:33:51.60 W
Summer	LYG	5935	SCHED	09/02/2020 23:17:24	3	127	403	146	065:17:30.00 N	096:27:50.40 W
Summer	LYG	5935	SCHED	09/02/2020 23:19:30	4	0	149	206	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5935	ARRIVAL	09/02/2020 23:20:10	1	0	148	206	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5935	XML_FLIGHT_SUMMARY	09/02/2020 23:20:11	0	0	0	0		
Summer	LYG	5935	SCHED	09/02/2020 23:25:23	5	0	148	206	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5936	DEPARTURE	09/02/2020 23:28:03	2	51	169	73	065:15:31.79 N	096:23:50.99 W
Summer	LYG	5936	SCHED	09/02/2020 23:30:08	6	0	121	320	065:16:36.00 N	096:21:50.40 W
Summer	LYG	5936	ARRIVAL	09/02/2020 23:30:26	2	0	121	320	065:16:36.00 N	096:21:50.40 W
Summer	LYG	5936	DEPARTURE	09/02/2020 23:32:05	3	72	214	310	065:16:52.19 N	096:22:02.39 W
Summer	LYG	5936	SCHED	09/02/2020 23:34:17	7	124	399	312	065:19:28.20 N	096:28:47.39 W
Summer	LYG	5936	SCHED	09/02/2020 23:36:23	8	124	332	320	065:22:47.40 N	096:36:16.79 W
Summer	LYG	5936	SCHED	09/02/2020 23:38:41	9	0	162	291	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5936	ARRIVAL	09/02/2020 23:39:02	3	0	164	291	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5936	XML_FLIGHT_SUMMARY	09/02/2020 23:39:03	0	0	0	0		
Summer	LYG	5937	POWER_ON	09/03/2020 11:04:15	NA	NA	NA	NA		
Summer	LYG	5937	SCHED	09/03/2020 11:05:12	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5937	DEPARTURE	09/03/2020 11:08:28	1	130	166	147	065:21:27.00 N	096:34:56.99 W
Summer	LYG	5937	SCHED	09/03/2020 11:10:35	2	127	354	144	065:17:42.00 N	096:28:46.79 W
Summer	LYG	5937	SCHED	09/03/2020 11:12:50	3	3	159	148	065:15:28.20 N	096:24:30.00 W
Summer	LYG	5937	ARRIVAL	09/03/2020 11:13:40	1	0	142	258	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5937	XML_FLIGHT_SUMMARY	09/03/2020 11:13:41	0	0	0	0		
Summer	LYG	5937	SCHED	09/03/2020 11:18:46	4	0	141	258	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5938	DEPARTURE	09/03/2020 11:23:50	2	64	163	56	065:15:40.20 N	096:24:02.39 W
Summer	LYG	5938	SCHED	09/03/2020 11:25:56	5	0	124	18	065:16:36.59 N	096:21:50.40 W
Summer	LYG	5938	ARRIVAL	09/03/2020 11:26:13	2	0	124	18	065:16:36.59 N	096:21:50.40 W
Summer	LYG	5938	DEPARTURE	09/03/2020 11:27:52	3	61	186	310	065:16:49.80 N	096:22:19.19 W
Summer	LYG	5938	SCHED	09/03/2020 11:30:11	6	94	351	312	065:19:07.79 N	096:28:13.19 W
Summer	LYG	5938	SCHED	09/03/2020 11:32:19	7	91	309	321	065:21:34.19 N	096:33:52.19 W
Summer	LYG	5938	SCHED	09/03/2020 11:34:25	8	79	244	314	065:23:55.20 N	096:39:01.79 W
Summer	LYG	5938	ARRIVAL	09/03/2020 11:36:17	3	0	164	327	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5938	XML_FLIGHT_SUMMARY	09/03/2020 11:36:18	0	0	0	0		
Summer	LYG	5939	DEPARTURE	09/03/2020 11:41:21	4	39	232	295	065:24:28.80 N	096:40:51.59 W
Summer	LYG	5939	SCHED	09/03/2020 11:43:28	9	120	336	151	065:22:51.60 N	096:36:44.40 W
Summer	LYG	5939	SCHED	09/03/2020 11:45:41	10	124	345	144	065:19:13.79 N	096:31:10.80 W
Summer	LYG	5939	SCHED	09/03/2020 11:47:52	11	96	283	158	065:15:25.79 N	096:25:25.80 W
Summer	LYG	5939	SCHED	09/03/2020 11:50:05	12	20	200	176	065:15:19.20 N	096:24:36.60 W
Summer	LYG	5939	SCHED	09/03/2020 11:52:16	13	1	185	272	065:15:26.40 N	096:24:34.19 W
Summer	LYG	5939	SCHED	09/03/2020 11:54:26	14	64	375	323	065:16:55.80 N	096:27:02.39 W
Summer	LYG	5939	SCHED	09/03/2020 11:56:34	15	57	371	324	065:18:41.99 N	096:30:16.79 W
Summer	LYG	5939	SCHED	09/03/2020 11:58:45	16	58	360	326	065:20:19.79 N	096:33:10.20 W
Summer	LYG	5939	SCHED	09/03/2020 12:00:50	17	58	342	326	065:21:59.40 N	096:35:56.99 W
Summer	LYG	5939	SCHED	09/03/2020 12:02:56	18	60	307	325	065:23:41.99 N	096:38:44.39 W
Summer	LYG	5939	SCHED	09/03/2020 12:05:06	19	4	204	13	065:24:34.19 N	096:41:02.39 W
Summer	LYG	5939	SCHED	09/03/2020 12:07:14	20	1	201	52	065:24:34.79 N	096:41:01.20 W
Summer	LYG	5939	SCHED	09/03/2020 12:09:21	21	98	349	147	065:23:06.59 N	096:36:33.60 W
Summer	LYG	5939	SCHED	09/03/2020 12:11:27	22	101	342	147	065:20:10.20 N	096:31:52.80 W
Summer	LYG	5939	SCHED	09/03/2020 12:13:34	23	100	352	152	065:17:13.20 N	096:27:24.59 W
Summer	LYG	5939	SCHED	09/03/2020 12:15:44	24	7	204	62	065:15:26.40 N	096:24:35.40 W
Summer	LYG	5939	SCHED	09/03/2020 12:17:54	25	77	347	319	065:16:19.79 N	096:26:15.60 W
Summer	LYG	5939	SCHED	09/03/2020 12:20:00	26	82	338	325	065:18:34.80 N	096:30:35.40 W
Summer	LYG	5939	SCHED	09/03/2020 12:22:06	27	83	335	325	065:20:51.60 N	096:34:30.00 W
Summer	LYG	5939	SCHED	09/03/2020 12:24:25	28	74	277	334	065:23:09.59 N	096:38:06.00 W
Summer	LYG	5939	SCHED	09/03/2020 12:26:32	29	0	165	270	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5939	ARRIVAL	09/03/2020 12:27:33	4	0	161	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5939	XML_FLIGHT_SUMMARY	09/03/2020 12:27:34	0	0	0	0		
Summer	LYG	5940	POWER_ON	09/03/2020 12:39:18	NA	NA	NA	NA		
Summer	LYG	5940	SCHED	09/03/2020 12:40:12	1	0	162	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5940	DEPARTURE	09/03/2020 12:40:58	1	69	226	38	065:24:35.99 N	096:40:26.40 W
Summer	LYG	5940	SCHED	09/03/2020 12:43:16	2	143	323	150	065:20:59.99 N	096:34:18.59 W
Summer	LYG	5940	SCHED	09/03/2020 12:45:35	3	149	277	155	065:16:24.59 N	096:26:34.79 W
Summer	LYG	5940	ARRIVAL	09/03/2020 12:47:43	1	0	142	241	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5940	XML_FLIGHT_SUMMARY	09/03/2020 12:47:44	0	0	0	0		
Summer	LYG	5941	DEPARTURE	09/03/2020 12:49:10	2	60	210	324	065:15:43.80 N	096:24:44.39 W
Summer	LYG	5941	SCHED	09/03/2020 12:51:16	4	91	304	320	065:18:10.20 N	096:29:22.20 W
Summer	LYG	5941	SCHED	09/03/2020 12:53:22	5	69	284	320	065:20:30.59 N	096:33:35.40 W
Summer	LYG	5941	SCHED	09/03/2020 12:55:27	6	97	259	328	065:22:56.40 N	096:37:52.20 W
Summer	LYG	5941	SCHED	09/03/2020 12:57:40	7	0	161	351	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5941	ARRIVAL	09/03/2020 12:57:57	2	0	161	351	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5941	XML_FLIGHT_SUMMARY	09/03/2020 12:57:58	0	0	0	0		
Summer	LYG	5942	POWER_ON	09/03/2020 14:23:25	NA	NA	NA	NA		
Summer	LYG	5942	SCHED	09/03/2020 14:24:18	1	0	165	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5942	DEPARTURE	09/03/2020 14:25:42	1	66	212	43	065:24:35.40 N	096:40:26.99 W
Summer	LYG	5942	SCHED	09/03/2020 14:27:48	2	139	368	145	065:21:23.39 N	096:33:48.00 W
Summer	LYG	5942	SCHED	09/03/2020 14:29:58	3	149	341	152	065:17:13.20 N	096:27:10.80 W
Summer	LYG	5942	SCHED	09/03/2020 14:32:07	4	0	142	203	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5942	ARRIVAL	09/03/2020 14:33:16	1	0	145	203	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5942	XML_FLIGHT_SUMMARY	09/03/2020 14:33:17	0	0	0	0		
Summer	LYG	5943	DEPARTURE	09/03/2020 14:33:45	2	63	203	325	065:15:43.80 N	096:24:47.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5943	SCHED	09/03/2020 14:35:54	5	98	349	323	065:18:14.40 N	096:29:32.39 W
Summer	LYG	5943	SCHED	09/03/2020 14:38:02	6	96	310	323	065:21:04.20 N	096:34:21.59 W
Summer	LYG	5943	SCHED	09/03/2020 14:40:13	7	88	268	322	065:23:54.59 N	096:39:01.79 W
Summer	LYG	5943	ARRIVAL	09/03/2020 14:42:00	2	0	160	319	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5943	XML_FLIGHT_SUMMARY	09/03/2020 14:42:01	0	0	0	0		
Summer	LYG	5944	POWER_ON	09/03/2020 21:53:24	NA	NA	NA	NA		
Summer	LYG	5944	SCHED	09/03/2020 21:54:22	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5944	DEPARTURE	09/03/2020 21:58:29	1	104	161	147	065:21:55.20 N	096:35:17.39 W
Summer	LYG	5944	SCHED	09/03/2020 22:00:51	2	91	294	146	065:19:01.19 N	096:30:34.19 W
Summer	LYG	5944	SCHED	09/03/2020 22:02:59	3	98	317	147	065:15:37.19 N	096:25:57.60 W
Summer	LYG	5944	SCHED	09/03/2020 22:05:12	4	0	184	250	065:15:26.40 N	096:24:32.39 W
Summer	LYG	5944	SCHED	09/03/2020 22:07:20	5	38	213	352	065:15:31.79 N	096:24:37.19 W
Summer	LYG	5944	SCHED	09/03/2020 22:09:26	6	53	295	326	065:16:56.99 N	096:27:25.20 W
Summer	LYG	5944	SCHED	09/03/2020 22:11:32	7	58	286	324	065:18:29.39 N	096:30:19.20 W
Summer	LYG	5944	SCHED	09/03/2020 22:13:38	8	51	279	329	065:19:58.80 N	096:32:39.00 W
Summer	LYG	5944	SCHED	09/03/2020 22:15:47	9	52	293	324	065:21:27.00 N	096:35:01.20 W
Summer	LYG	5944	SCHED	09/03/2020 22:17:56	10	49	273	328	065:23:01.79 N	096:37:33.00 W
Summer	LYG	5944	SCHED	09/03/2020 22:20:12	11	45	242	298	065:24:22.80 N	096:40:29.40 W
Summer	LYG	5944	SCHED	09/03/2020 22:22:26	12	1	208	305	065:24:18.60 N	096:40:41.40 W
Summer	LYG	5944	ARRIVAL	09/03/2020 22:24:04	1	0	160	298	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5944	XML_FLIGHT_SUMMARY	09/03/2020 22:24:05	0	0	0	0		
Summer	LYG	5944	SCHED	09/03/2020 22:29:11	13	0	160	298	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5945	POWER_ON	09/03/2020 23:09:27	NA	NA	NA	NA		
Summer	LYG	5945	SCHED	09/03/2020 23:10:14	1	0	165	67	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5945	DEPARTURE	09/03/2020 23:11:51	1	56	211	38	065:24:33.60 N	096:40:28.79 W
Summer	LYG	5945	SCHED	09/03/2020 23:13:59	2	137	267	144	065:21:27.59 N	096:33:56.40 W
Summer	LYG	5945	SCHED	09/03/2020 23:16:21	3	142	240	149	065:17:28.20 N	096:26:57.60 W
Summer	LYG	5945	SCHED	09/03/2020 23:18:31	4	0	147	272	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5945	ARRIVAL	09/03/2020 23:18:44	1	0	147	272	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5945	XML_FLIGHT_SUMMARY	09/03/2020 23:18:45	0	0	0	0		
Summer	LYG	5945	SCHED	09/03/2020 23:23:52	5	0	147	272	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5945	SCHED	09/03/2020 23:28:58	6	0	151	272	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5946	DEPARTURE	09/03/2020 23:32:51	2	58	217	326	065:15:43.80 N	096:24:43.20 W
Summer	LYG	5946	SCHED	09/03/2020 23:35:03	7	89	264	323	065:18:01.79 N	096:29:07.19 W
Summer	LYG	5946	SCHED	09/03/2020 23:37:27	8	86	262	323	065:20:49.79 N	096:34:15.60 W
Summer	LYG	5946	SCHED	09/03/2020 23:39:37	9	89	230	329	065:23:29.39 N	096:38:33.60 W
Summer	LYG	5946	ARRIVAL	09/03/2020 23:41:37	2	0	163	335	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5946	XML_FLIGHT_SUMMARY	09/03/2020 23:41:38	0	0	0	0		
Summer	LYG	5946	SCHED	09/03/2020 23:46:43	10	0	165	335	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5947	POWER_ON	09/04/2020 11:10:18	NA	NA	NA	NA		
Summer	LYG	5947	SCHED	09/04/2020 11:11:16	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5947	DEPARTURE	09/04/2020 11:16:18	1	62	191	100	065:24:36.60 N	096:39:59.39 W
Summer	LYG	5947	SCHED	09/04/2020 11:18:24	2	127	262	146	065:21:34.79 N	096:34:45.00 W
Summer	LYG	5947	SCHED	09/04/2020 11:20:30	3	109	229	141	065:18:01.19 N	096:28:32.39 W
Summer	LYG	5947	SCHED	09/04/2020 11:22:37	4	39	160	44	065:15:23.99 N	096:24:31.79 W
Summer	LYG	5947	SCHED	09/04/2020 11:24:47	5	0	147	29	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5947	ARRIVAL	09/04/2020 11:24:56	1	0	148	29	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5947	XML_FLIGHT_SUMMARY	09/04/2020 11:24:57	0	0	0	0		
Summer	LYG	5947	SCHED	09/04/2020 11:30:02	6	0	145	31	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5947	SCHED	09/04/2020 11:35:08	7	0	145	31	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5948	DEPARTURE	09/04/2020 11:38:21	2	64	207	323	065:15:43.20 N	096:24:53.40 W
Summer	LYG	5948	SCHED	09/04/2020 11:40:26	8	97	218	320	065:18:04.19 N	096:29:49.19 W
Summer	LYG	5948	SCHED	09/04/2020 11:42:33	9	95	246	323	065:20:37.80 N	096:34:52.19 W
Summer	LYG	5948	SCHED	09/04/2020 11:44:41	10	70	202	342	065:23:14.39 N	096:39:33.60 W
Summer	LYG	5948	SCHED	09/04/2020 11:46:47	11	0	159	283	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5948	ARRIVAL	09/04/2020 11:47:20	2	0	161	283	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5948	XML_FLIGHT_SUMMARY	09/04/2020 11:47:21	0	0	0	0		
Summer	LYG	5949	POWER_ON	09/04/2020 14:33:12	NA	NA	NA	NA		
Summer	LYG	5949	SCHED	09/04/2020 14:34:09	1	0	164	0	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5949	DEPARTURE	09/04/2020 14:37:12	1	59	222	48	065:24:33.60 N	096:40:26.99 W
Summer	LYG	5949	SCHED	09/04/2020 14:39:19	2	102	253	143	065:22:22.80 N	096:35:31.19 W
Summer	LYG	5949	SCHED	09/04/2020 14:41:25	3	106	258	146	065:19:24.59 N	096:30:22.80 W
Summer	LYG	5949	SCHED	09/04/2020 14:43:32	4	104	264	160	065:16:17.39 N	096:25:25.80 W
Summer	LYG	5949	SCHED	09/04/2020 14:45:46	5	1	178	103	065:15:26.99 N	096:24:33.60 W
Summer	LYG	5949	SCHED	09/04/2020 14:47:52	6	58	262	321	065:16:48.60 N	096:26:52.19 W
Summer	LYG	5949	SCHED	09/04/2020 14:49:59	7	64	253	319	065:18:31.19 N	096:30:21.59 W
Summer	LYG	5949	SCHED	09/04/2020 14:52:06	8	62	254	326	065:20:22.80 N	096:33:31.80 W
Summer	LYG	5949	SCHED	09/04/2020 14:54:13	9	62	254	325	065:22:13.80 N	096:36:38.39 W
Summer	LYG	5949	SCHED	09/04/2020 14:56:20	10	58	244	321	065:24:06.00 N	096:39:34.79 W
Summer	LYG	5949	SCHED	09/04/2020 14:58:29	11	0	193	65	065:24:34.19 N	096:41:01.80 W
Summer	LYG	5949	SCHED	09/04/2020 15:00:34	12	90	288	147	065:23:39.60 N	096:38:02.39 W
Summer	LYG	5949	SCHED	09/04/2020 15:02:40	13	94	272	142	065:21:03.59 N	096:33:30.59 W
Summer	LYG	5949	SCHED	09/04/2020 15:04:46	14	97	266	147	065:18:19.20 N	096:29:01.80 W
Summer	LYG	5949	SCHED	09/04/2020 15:07:00	15	71	259	155	065:15:30.00 N	096:25:14.39 W
Summer	LYG	5949	SCHED	09/04/2020 15:09:07	16	48	237	346	065:15:36.00 N	096:24:40.20 W
Summer	LYG	5949	SCHED	09/04/2020 15:11:18	17	69	293	320	065:17:27.00 N	096:28:00.00 W
Summer	LYG	5949	SCHED	09/04/2020 15:13:25	18	70	263	325	065:19:29.39 N	096:31:39.00 W
Summer	LYG	5949	SCHED	09/04/2020 15:15:48	19	70	261	325	065:21:31.80 N	096:34:58.79 W
Summer	LYG	5949	SCHED	09/04/2020 15:17:56	20	76	244	320	065:23:45.60 N	096:39:04.79 W
Summer	LYG	5949	SCHED	09/04/2020 15:20:04	21	7	211	114	065:24:34.79 N	096:41:00.59 W
Summer	LYG	5949	SCHED	09/04/2020 15:22:12	22	0	162	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5949	ARRIVAL	09/04/2020 15:22:23	1	0	158	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5949	XML_FLIGHT_SUMMARY	09/04/2020 15:22:24	0	0	0	0		
Summer	LYG	5950	POWER_ON	09/04/2020 15:47:54	NA	NA	NA	NA		
Summer	LYG	5950	SCHED	09/04/2020 15:48:42	1	0	166	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5950	DEPARTURE	09/04/2020 15:50:01	1	70	203	44	065:24:35.40 N	096:40:24.59 W
Summer	LYG	5950	SCHED	09/04/2020 15:52:09	2	120	246	145	065:21:37.19 N	096:34:37.19 W
Summer	LYG	5950	SCHED	09/04/2020 15:54:14	3	129	251	145	065:17:54.60 N	096:28:26.40 W
Summer	LYG	5950	SCHED	09/04/2020 15:56:20	4	2	145	273	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5950	ARRIVAL	09/04/2020 15:57:13	1	0	144	334	065:15:27.60 N	096:24:31.19 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5950	XML_FLIGHT_SUMMARY	09/04/2020 15:57:14	0	0	0	0		
Summer	LYG	5951	POWER_ON	09/04/2020 18:25:35	NA	NA	NA	NA		
Summer	LYG	5951	SCHED	09/04/2020 18:26:34	1	0	150	237	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5951	DEPARTURE	09/04/2020 18:27:26	1	69	214	325	065:15:45.59 N	096:24:51.59 W
Summer	LYG	5951	SCHED	09/04/2020 18:29:35	2	97	269	320	065:18:27.00 N	096:29:52.19 W
Summer	LYG	5951	SCHED	09/04/2020 18:31:42	3	96	272	323	065:21:10.79 N	096:34:41.39 W
Summer	LYG	5951	SCHED	09/04/2020 18:33:48	4	97	272	329	065:23:53.99 N	096:39:07.80 W
Summer	LYG	5951	SCHED	09/04/2020 18:36:06	5	85	236	127	065:23:31.80 N	096:44:04.19 W
Summer	LYG	5951	SCHED	09/04/2020 18:38:12	6	0	161	268	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5951	ARRIVAL	09/04/2020 18:38:30	1	0	161	268	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5951	XML_FLIGHT_SUMMARY	09/04/2020 18:38:31	0	0	0	0		
Summer	LYG	5952	POWER_ON	09/04/2020 20:23:25	NA	NA	NA	NA		
Summer	LYG	5952	SCHED	09/04/2020 20:24:22	1	0	159	8	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5952	SCHED	09/04/2020 20:29:27	2	0	161	8	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5952	POWER_ON	09/04/2020 20:38:58	NA	NA	NA	NA		
Summer	LYG	5952	SCHED	09/04/2020 20:39:55	1	0	156	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5952	DEPARTURE	09/04/2020 20:41:11	1	90	203	118	065:24:24.00 N	096:40:04.79 W
Summer	LYG	5952	SCHED	09/04/2020 20:43:17	2	119	240	131	065:21:34.19 N	096:32:49.19 W
Summer	LYG	5952	SCHED	09/04/2020 20:45:23	3	130	260	134	065:18:43.19 N	096:25:09.00 W
Summer	LYG	5952	SCHED	09/04/2020 20:47:30	4	132	263	134	065:15:36.00 N	096:17:07.19 W
Summer	LYG	5952	SCHED	09/04/2020 20:49:35	5	130	296	133	065:12:30.60 N	096:09:06.00 W
Summer	LYG	5952	SCHED	09/04/2020 20:51:44	6	97	322	308	065:13:11.99 N	096:08:58.20 W
Summer	LYG	5952	SCHED	09/04/2020 20:53:51	7	119	289	126	065:13:37.79 N	096:13:49.79 W
Summer	LYG	5952	SCHED	09/04/2020 20:56:01	8	128	271	135	065:10:54.59 N	096:05:52.80 W
Summer	LYG	5952	SCHED	09/04/2020 20:58:07	9	75	242	114	065:07:58.20 N	095:58:56.39 W
Summer	LYG	5952	ARRIVAL	09/04/2020 20:59:49	1	0	183	78	065:08:12.00 N	095:58:36.59 W
Summer	LYG	5952	XML_FLIGHT_SUMMARY	09/04/2020 20:59:50	0	0	0	0		
Summer	LYG	5953	POWER_ON	09/04/2020 21:02:43	NA	NA	NA	NA		
Summer	LYG	5953	SCHED	09/04/2020 21:03:29	1	0	184	266	065:08:12.00 N	095:58:36.59 W
Summer	LYG	5953	POWER_ON	09/04/2020 21:19:21	NA	NA	NA	NA		
Summer	LYG	5953	DEPARTURE	09/04/2020 21:21:21	1	49	237	345	065:08:26.99 N	095:58:26.40 W
Summer	LYG	5953	SCHED	09/04/2020 21:21:34	1	96	320	223	065:08:23.39 N	095:59:28.20 W
Summer	LYG	5953	SCHED	09/04/2020 21:23:57	2	129	247	189	065:03:48.60 N	096:01:56.99 W
Summer	LYG	5953	SCHED	09/04/2020 21:26:06	3	0	137	4	065:01:25.20 N	096:04:13.20 W
Summer	LYG	5953	ARRIVAL	09/04/2020 21:26:22	1	0	139	4	065:01:25.20 N	096:04:13.20 W
Summer	LYG	5953	XML_FLIGHT_SUMMARY	09/04/2020 21:26:23	0	0	0	0		
Summer	LYG	5954	DEPARTURE	09/04/2020 21:28:22	2	64	211	304	065:01:38.39 N	096:04:41.39 W
Summer	LYG	5954	SCHED	09/04/2020 21:30:28	4	95	290	323	065:04:06.60 N	096:08:26.39 W
Summer	LYG	5954	SCHED	09/04/2020 21:32:36	5	94	251	326	065:06:43.80 N	096:12:58.20 W
Summer	LYG	5954	SCHED	09/04/2020 21:34:41	6	91	233	328	065:09:23.39 N	096:17:36.00 W
Summer	LYG	5954	SCHED	09/04/2020 21:36:47	7	91	239	328	065:12:17.40 N	096:21:11.39 W
Summer	LYG	5954	SCHED	09/04/2020 21:39:07	8	90	231	327	065:14:59.39 N	096:25:30.60 W
Summer	LYG	5954	SCHED	09/04/2020 21:41:23	9	93	271	326	065:17:59.40 N	096:29:57.60 W
Summer	LYG	5954	SCHED	09/04/2020 21:43:29	10	91	256	327	065:20:54.59 N	096:34:37.19 W
Summer	LYG	5954	SCHED	09/04/2020 21:45:34	11	91	258	328	065:23:38.40 N	096:38:51.59 W
Summer	LYG	5954	ARRIVAL	09/04/2020 21:47:52	2	0	155	286	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5954	XML_FLIGHT_SUMMARY	09/04/2020 21:47:53	0	0	0	0		
Summer	LYG	5955	POWER_ON	09/04/2020 22:15:14	NA	NA	NA	NA		
Summer	LYG	5955	SCHED	09/04/2020 22:16:49	1	3	165	245	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5955	DEPARTURE	09/04/2020 22:17:31	1	68	227	42	065:24:35.40 N	096:40:20.39 W
Summer	LYG	5955	SCHED	09/04/2020 22:19:37	2	123	277	146	065:21:41.40 N	096:33:51.60 W
Summer	LYG	5955	SCHED	09/04/2020 22:21:43	3	127	311	149	065:18:00.60 N	096:28:11.39 W
Summer	LYG	5955	SCHED	09/04/2020 22:23:51	4	2	164	148	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5955	ARRIVAL	09/04/2020 22:25:02	1	0	145	255	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5955	XML_FLIGHT_SUMMARY	09/04/2020 22:25:03	0	0	0	0		
Summer	LYG	5956	DEPARTURE	09/04/2020 22:29:06	2	67	238	326	065:15:45.59 N	096:24:51.59 W
Summer	LYG	5956	SCHED	09/04/2020 22:31:12	5	84	283	321	065:18:02.40 N	096:29:07.80 W
Summer	LYG	5956	SCHED	09/04/2020 22:33:31	6	87	258	323	065:20:17.39 N	096:33:18.59 W
Summer	LYG	5956	SCHED	09/04/2020 22:35:37	7	78	246	331	065:22:50.99 N	096:37:39.59 W
Summer	LYG	5956	SCHED	09/04/2020 22:37:48	8	1	192	69	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5956	ARRIVAL	09/04/2020 22:39:05	2	0	157	297	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5956	XML_FLIGHT_SUMMARY	09/04/2020 22:39:06	0	0	0	0		
Summer	LYG	5957	POWER_ON	09/04/2020 23:06:43	NA	NA	NA	NA		
Summer	LYG	5957	SCHED	09/04/2020 23:07:40	1	0	165	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5957	DEPARTURE	09/04/2020 23:08:44	1	70	217	46	065:24:34.79 N	096:40:23.99 W
Summer	LYG	5957	SCHED	09/04/2020 23:10:50	2	129	250	149	065:21:24.59 N	096:34:10.79 W
Summer	LYG	5957	SCHED	09/04/2020 23:12:58	3	130	269	144	065:17:37.19 N	096:28:13.80 W
Summer	LYG	5957	SCHED	09/04/2020 23:15:08	4	2	147	243	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5957	ARRIVAL	09/04/2020 23:15:58	1	0	148	224	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5957	XML_FLIGHT_SUMMARY	09/04/2020 23:15:59	0	0	0	0		
Summer	LYG	5957	SCHED	09/04/2020 23:21:04	5	0	145	224	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5958	DEPARTURE	09/04/2020 23:25:17	2	64	203	326	065:15:43.80 N	096:24:49.79 W
Summer	LYG	5958	SCHED	09/04/2020 23:27:24	6	87	268	322	065:17:55.80 N	096:29:19.79 W
Summer	LYG	5958	SCHED	09/04/2020 23:29:42	7	89	258	327	065:20:23.39 N	096:33:30.59 W
Summer	LYG	5958	SCHED	09/04/2020 23:31:59	8	94	239	325	065:23:32.99 N	096:38:45.00 W
Summer	LYG	5958	ARRIVAL	09/04/2020 23:34:02	2	0	166	282	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5958	XML_FLIGHT_SUMMARY	09/04/2020 23:34:03	0	0	0	0		
Summer	LYG	5959	POWER_ON	09/05/2020 11:07:22	NA	NA	NA	NA		
Summer	LYG	5959	SCHED	09/05/2020 11:08:15	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5959	DEPARTURE	09/05/2020 11:09:48	1	49	167	22	065:24:31.80 N	096:40:28.79 W
Summer	LYG	5959	SCHED	09/05/2020 11:11:54	2	128	262	146	065:21:18.00 N	096:34:01.19 W
Summer	LYG	5959	SCHED	09/05/2020 11:14:00	3	130	263	149	065:17:33.00 N	096:28:04.79 W
Summer	LYG	5959	SCHED	09/05/2020 11:16:06	4	6	162	334	065:15:27.60 N	096:24:30.00 W
Summer	LYG	5959	ARRIVAL	09/05/2020 11:17:06	1	0	146	205	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5959	XML_FLIGHT_SUMMARY	09/05/2020 11:17:07	0	0	0	0		
Summer	LYG	5959	SCHED	09/05/2020 11:22:12	5	0	144	205	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5959	SCHED	09/05/2020 11:27:17	6	0	141	205	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5960	DEPARTURE	09/05/2020 11:28:58	2	58	210	328	065:15:44.39 N	096:24:46.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5960	SCHED	09/05/2020 11:31:07	7	93	303	320	065:18:04.79 N	096:29:36.59 W
Summer	LYG	5960	SCHED	09/05/2020 11:33:17	8	91	300	325	065:20:41.39 N	096:34:21.59 W
Summer	LYG	5960	SCHED	09/05/2020 11:35:28	9	89	269	326	065:23:30.60 N	096:38:29.39 W
Summer	LYG	5960	SCHED	09/05/2020 11:37:34	10	0	168	259	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5960	ARRIVAL	09/05/2020 11:37:43	2	0	168	259	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5960	XML_FLIGHT_SUMMARY	09/05/2020 11:37:44	0	0	0	0		
Summer	LYG	5961	POWER_ON	09/05/2020 11:48:54	NA	NA	NA	NA		
Summer	LYG	5961	SCHED	09/05/2020 11:49:50	1	0	162	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5961	DEPARTURE	09/05/2020 11:50:41	1	65	214	33	065:24:35.40 N	096:40:30.00 W
Summer	LYG	5961	SCHED	09/05/2020 11:52:49	2	132	315	147	065:21:58.20 N	096:33:40.20 W
Summer	LYG	5961	SCHED	09/05/2020 11:54:56	3	134	318	152	065:17:48.60 N	096:27:56.99 W
Summer	LYG	5961	SCHED	09/05/2020 11:57:03	4	72	187	342	065:15:14.40 N	096:24:21.00 W
Summer	LYG	5961	ARRIVAL	09/05/2020 11:58:37	1	0	146	199	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5961	XML_FLIGHT_SUMMARY	09/05/2020 11:58:38	0	0	0	0		
Summer	LYG	5962	POWER_ON	09/05/2020 12:20:34	NA	NA	NA	NA		
Summer	LYG	5962	SCHED	09/05/2020 12:21:30	1	0	146	248	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5962	SCHED	09/05/2020 12:26:42	2	0	187	254	065:15:26.40 N	096:24:33.60 W
Summer	LYG	5962	DEPARTURE	09/05/2020 12:29:21	1	51	162	239	065:15:26.40 N	096:24:20.40 W
Summer	LYG	5962	ARRIVAL	09/05/2020 12:30:36	1	0	142	194	065:15:27.60 N	096:24:31.79 W
Summer	LYG	5962	DEPARTURE	09/05/2020 12:31:45	2	36	149	57	065:15:34.20 N	096:23:56.40 W
Summer	LYG	5962	ARRIVAL	09/05/2020 12:32:52	2	0	137	150	065:15:37.19 N	096:23:48.60 W
Summer	LYG	5962	DEPARTURE	09/05/2020 12:35:38	3	66	202	220	065:15:23.99 N	096:24:21.00 W
Summer	LYG	5962	SCHED	09/05/2020 12:37:43	3	11	184	271	065:15:36.00 N	096:23:48.60 W
Summer	LYG	5962	SCHED	09/05/2020 12:39:51	4	1	172	229	065:15:36.00 N	096:23:47.39 W
Summer	LYG	5962	SCHED	09/05/2020 12:41:56	5	39	209	66	065:15:34.20 N	096:24:03.00 W
Summer	LYG	5962	SCHED	09/05/2020 12:44:01	6	85	211	217	065:15:28.79 N	096:24:13.80 W
Summer	LYG	5962	SCHED	09/05/2020 12:46:09	7	0	172	20	065:15:36.00 N	096:23:46.79 W
Summer	LYG	5962	SCHED	09/05/2020 12:52:56	8	0	175	285	065:15:36.00 N	096:23:47.39 W
Summer	LYG	5962	SCHED	09/05/2020 12:55:04	9	49	205	272	065:15:22.79 N	096:24:31.79 W
Summer	LYG	5962	SCHED	09/05/2020 12:57:15	10	58	197	248	065:15:35.40 N	096:23:58.79 W
Summer	LYG	5962	SCHED	09/05/2020 12:59:24	11	2	172	62	065:15:36.59 N	096:23:47.39 W
Summer	LYG	5962	SCHED	09/05/2020 13:01:30	12	30	195	53	065:15:28.20 N	096:24:28.19 W
Summer	LYG	5962	SCHED	09/05/2020 13:03:41	13	3	181	70	065:15:26.40 N	096:24:34.19 W
Summer	LYG	5962	SCHED	09/05/2020 13:05:51	14	76	220	230	065:15:23.99 N	096:24:23.39 W
Summer	LYG	5962	SCHED	09/05/2020 13:08:10	15	1	171	225	065:15:36.00 N	096:23:47.39 W
Summer	LYG	5962	SCHED	09/05/2020 13:10:17	16	1	174	19	065:15:36.00 N	096:23:47.99 W
Summer	LYG	5962	SCHED	09/05/2020 13:12:29	17	47	202	73	065:15:32.39 N	096:24:09.59 W
Summer	LYG	5962	SCHED	09/05/2020 13:14:37	18	1	175	164	065:15:26.40 N	096:24:33.60 W
Summer	LYG	5962	SCHED	09/05/2020 13:16:47	19	48	193	241	065:15:34.20 N	096:23:55.79 W
Summer	LYG	5962	SCHED	09/05/2020 13:18:57	20	1	169	253	065:15:36.59 N	096:23:46.79 W
Summer	LYG	5962	SCHED	09/05/2020 13:21:07	21	30	199	72	065:15:34.79 N	096:23:56.40 W
Summer	LYG	5962	SCHED	09/05/2020 13:23:15	22	47	204	66	065:15:30.59 N	096:24:18.00 W
Summer	LYG	5962	SCHED	09/05/2020 13:25:22	23	0	175	139	065:15:26.40 N	096:24:33.00 W
Summer	LYG	5962	SCHED	09/05/2020 13:27:31	24	44	197	246	065:15:25.20 N	096:24:45.00 W
Summer	LYG	5962	SCHED	09/05/2020 13:29:37	25	1	166	249	065:15:36.00 N	096:23:47.39 W
Summer	LYG	5962	SCHED	09/05/2020 13:31:42	26	1	169	13	065:15:36.00 N	096:23:46.79 W
Summer	LYG	5962	SCHED	09/05/2020 13:33:48	27	4	181	7	065:15:26.40 N	096:24:33.00 W
Summer	LYG	5962	SCHED	09/05/2020 13:35:54	28	15	200	72	065:15:35.40 N	096:23:51.59 W
Summer	LYG	5962	SCHED	09/05/2020 13:38:00	29	1	175	259	065:15:26.40 N	096:24:33.00 W
Summer	LYG	5962	SCHED	09/05/2020 13:40:17	30	44	202	260	065:15:36.00 N	096:23:53.40 W
Summer	LYG	5962	SCHED	09/05/2020 13:42:27	31	0	173	70	065:15:36.00 N	096:23:46.79 W
Summer	LYG	5962	SCHED	09/05/2020 13:44:36	32	3	183	110	065:15:23.99 N	096:24:36.60 W
Summer	LYG	5962	SCHED	09/05/2020 13:46:47	33	3	169	100	065:15:21.60 N	096:24:31.79 W
Summer	LYG	5962	SCHED	09/05/2020 13:48:55	34	15	240	45	065:15:37.19 N	096:24:03.59 W
Summer	LYG	5962	SCHED	09/05/2020 13:51:05	35	23	194	275	065:15:11.99 N	096:24:25.80 W
Summer	LYG	5962	SCHED	09/05/2020 13:53:18	36	29	297	20	065:15:31.20 N	096:24:10.20 W
Summer	LYG	5962	SCHED	09/05/2020 13:55:33	37	19	185	344	065:15:10.79 N	096:24:32.39 W
Summer	LYG	5962	SCHED	09/05/2020 13:57:42	38	47	183	235	065:15:34.20 N	096:24:06.00 W
Summer	LYG	5962	SCHED	09/05/2020 13:59:49	39	13	172	7	065:15:13.80 N	096:24:31.19 W
Summer	LYG	5962	SCHED	09/05/2020 14:02:03	40	1	163	181	065:15:36.59 N	096:23:58.79 W
Summer	LYG	5962	SCHED	09/05/2020 14:04:08	41	43	173	24	065:15:19.20 N	096:24:23.39 W
Summer	LYG	5962	SCHED	09/05/2020 14:06:14	42	4	149	21	065:15:12.60 N	096:24:32.39 W
Summer	LYG	5962	SCHED	09/05/2020 14:08:24	43	0	163	197	065:15:36.59 N	096:23:58.79 W
Summer	LYG	5962	SCHED	09/05/2020 14:10:34	44	3	193	197	065:15:23.40 N	096:24:38.40 W
Summer	LYG	5962	SCHED	09/05/2020 14:12:52	45	1	192	115	065:15:25.20 N	096:24:35.99 W
Summer	LYG	5962	SCHED	09/05/2020 14:15:00	46	9	180	54	065:15:17.99 N	096:24:45.00 W
Summer	LYG	5962	SCHED	09/05/2020 14:17:05	47	1	171	117	065:15:36.00 N	096:23:55.79 W
Summer	LYG	5962	SCHED	09/05/2020 14:19:12	48	1	176	189	065:15:26.40 N	096:24:33.00 W
Summer	LYG	5962	SCHED	09/05/2020 14:21:27	49	64	331	320	065:16:38.39 N	096:26:51.00 W
Summer	LYG	5962	SCHED	09/05/2020 14:23:37	50	68	380	321	065:18:31.19 N	096:30:38.40 W
Summer	LYG	5962	SCHED	09/05/2020 14:25:47	51	64	352	321	065:20:21.59 N	096:34:10.20 W
Summer	LYG	5962	SCHED	09/05/2020 14:27:57	52	62	325	328	065:22:10.79 N	096:37:13.80 W
Summer	LYG	5962	SCHED	09/05/2020 14:30:08	53	52	294	334	065:24:04.79 N	096:39:41.99 W
Summer	LYG	5962	SCHED	09/05/2020 14:32:14	54	16	221	152	065:24:29.40 N	096:40:49.79 W
Summer	LYG	5962	ARRIVAL	09/05/2020 14:34:10	3	0	164	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5962	XML_FLIGHT_SUMMARY	09/05/2020 14:34:11	0	0	0	0		
Summer	LYG	5963	POWER_ON	09/05/2020 15:05:10	NA	NA	NA	NA		
Summer	LYG	5963	SCHED	09/05/2020 15:05:58	1	0	162	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5963	DEPARTURE	09/05/2020 15:07:37	1	70	211	44	065:24:34.19 N	096:40:20.39 W
Summer	LYG	5963	SCHED	09/05/2020 15:09:53	2	135	353	147	065:21:30.00 N	096:33:55.20 W
Summer	LYG	5963	SCHED	09/05/2020 15:13:39	3	79	252	209	065:15:28.20 N	096:24:36.60 W
Summer	LYG	5963	ARRIVAL	09/05/2020 15:15:37	1	0	145	208	065:15:27.60 N	096:24:31.19 W
Summer	LYG	5963	XML_FLIGHT_SUMMARY	09/05/2020 15:15:38	0	0	0	0		
Summer	LYG	5964	DEPARTURE	09/05/2020 15:17:13	2	38	151	55	065:15:34.79 N	096:23:57.60 W
Summer	LYG	5964	ARRIVAL	09/05/2020 15:18:20	2	0	131	356	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5964	POWER_ON	09/05/2020 15:31:58	NA	NA	NA	NA		
Summer	LYG	5964	SCHED	09/05/2020 15:32:53	1	0	141	0	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5964	SCHED	09/05/2020 15:37:58	2	15	185	283	065:15:35.40 N	096:23:49.20 W
Summer	LYG	5964	DEPARTURE	09/05/2020 15:38:21	1	53	216	210	065:15:24.59 N	096:24:18.00 W
Summer	LYG	5964	SCHED	09/05/2020 15:40:26	3	0	136	6	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5964	ARRIVAL	09/05/2020 15:40:49	1	0	135	6	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5964	DEPARTURE	09/05/2020 15:41:58	2	77	167	217	065:15:19.20 N	096:24:24.59 W
Summer	LYG	5964	ARRIVAL	09/05/2020 15:43:22	2	0	146	359	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5964	SCHED	09/05/2020 15:48:27	4	17	203	31	065:15:24.59 N	096:24:35.99 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5964	SCHED	09/05/2020 15:53:35	5	37	208	194	065:15:19.20 N	096:24:39.59 W
Summer	LYG	5964	SCHED	09/05/2020 15:58:40	6	1	182	12	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5964	SCHED	09/05/2020 16:03:49	7	1	148	313	065:15:16.19 N	096:24:50.40 W
Summer	LYG	5964	DEPARTURE	09/05/2020 16:06:38	3	82	186	181	065:15:17.99 N	096:24:04.79 W
Summer	LYG	5964	ARRIVAL	09/05/2020 16:08:12	3	0	144	56	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5964	POWER_ON	09/05/2020 16:52:35	NA	NA	NA	NA		
Summer	LYG	5964	SCHED	09/05/2020 16:53:23	1	0	139	25	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5964	DEPARTURE	09/05/2020 16:54:15	1	64	200	319	065:15:31.20 N	096:25:11.99 W
Summer	LYG	5964	SCHED	09/05/2020 16:56:25	2	95	382	324	065:18:00.60 N	096:29:55.20 W
Summer	LYG	5964	SCHED	09/05/2020 16:58:33	3	98	360	326	065:20:53.40 N	096:34:48.60 W
Summer	LYG	5964	SCHED	09/05/2020 17:00:42	4	90	296	326	065:23:47.99 N	096:39:11.39 W
Summer	LYG	5964	ARRIVAL	09/05/2020 17:02:29	1	0	164	306	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5964	XML_FLIGHT_SUMMARY	09/05/2020 17:02:30	0	0	0	0		
Summer	LYG	5965	POWER_ON	09/05/2020 22:10:44	NA	NA	NA	NA		
Summer	LYG	5965	SCHED	09/05/2020 22:11:29	1	0	163	254	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5965	DEPARTURE	09/05/2020 22:13:12	1	45	229	309	065:24:30.00 N	096:40:57.60 W
Summer	LYG	5965	SCHED	09/05/2020 22:15:18	2	92	291	138	065:24:18.60 N	096:39:00.60 W
Summer	LYG	5965	SCHED	09/05/2020 22:17:32	3	100	384	148	065:21:31.19 N	096:34:24.59 W
Summer	LYG	5965	SCHED	09/05/2020 22:19:41	4	99	350	143	065:18:24.59 N	096:29:22.20 W
Summer	LYG	5965	SCHED	09/05/2020 22:21:51	5	83	293	147	065:15:35.40 N	096:24:51.00 W
Summer	LYG	5965	SCHED	09/05/2020 22:23:59	6	54	253	323	065:15:56.39 N	096:24:16.19 W
Summer	LYG	5965	SCHED	09/05/2020 22:26:05	7	69	352	324	065:17:44.39 N	096:27:30.60 W
Summer	LYG	5965	SCHED	09/05/2020 22:28:14	8	70	393	323	065:19:43.80 N	096:31:01.19 W
Summer	LYG	5965	SCHED	09/05/2020 22:30:56	9	70	402	324	065:22:11.40 N	096:35:40.20 W
Summer	LYG	5965	SCHED	09/05/2020 22:33:02	10	60	310	331	065:24:08.39 N	096:39:22.19 W
Summer	LYG	5965	SCHED	09/05/2020 22:35:08	11	76	238	143	065:24:30.60 N	096:40:19.19 W
Summer	LYG	5965	ARRIVAL	09/05/2020 22:37:58	1	0	161	287	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5965	XML_FLIGHT_SUMMARY	09/05/2020 22:37:59	0	0	0	0		
Summer	LYG	5966	POWER_ON	09/05/2020 23:04:59	NA	NA	NA	NA		
Summer	LYG	5966	SCHED	09/05/2020 23:05:56	1	0	165	40	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5966	DEPARTURE	09/05/2020 23:06:47	1	67	233	43	065:24:34.79 N	096:40:24.59 W
Summer	LYG	5966	SCHED	09/05/2020 23:08:55	2	141	347	142	065:21:27.59 N	096:33:31.20 W
Summer	LYG	5966	SCHED	09/05/2020 23:11:03	3	141	370	143	065:17:35.39 N	096:26:16.19 W
Summer	LYG	5966	SCHED	09/05/2020 23:13:17	4	0	138	348	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5966	ARRIVAL	09/05/2020 23:13:56	1	0	136	348	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5966	XML_FLIGHT_SUMMARY	09/05/2020 23:13:57	0	0	0	0		
Summer	LYG	5966	SCHED	09/05/2020 23:19:03	5	0	137	348	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5967	DEPARTURE	09/05/2020 23:23:40	2	60	201	319	065:15:47.39 N	096:24:21.60 W
Summer	LYG	5967	SCHED	09/05/2020 23:25:56	6	100	358	322	065:18:27.00 N	096:29:18.00 W
Summer	LYG	5967	SCHED	09/05/2020 23:28:06	7	98	345	324	065:21:20.39 N	096:34:41.99 W
Summer	LYG	5967	SCHED	09/05/2020 23:30:16	8	89	333	318	065:24:14.39 N	096:39:17.39 W
Summer	LYG	5967	SCHED	09/05/2020 23:32:23	9	40	206	145	065:24:07.80 N	096:40:58.80 W
Summer	LYG	5967	ARRIVAL	09/05/2020 23:33:54	2	0	167	326	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5967	XML_FLIGHT_SUMMARY	09/05/2020 23:33:55	0	0	0	0		
Summer	LYG	5968	POWER_ON	09/06/2020 11:08:08	NA	NA	NA	NA		
Summer	LYG	5968	SCHED	09/06/2020 11:09:05	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5968	DEPARTURE	09/06/2020 11:12:59	1	127	333	142	065:21:54.59 N	096:34:08.40 W
Summer	LYG	5968	SCHED	09/06/2020 11:15:04	2	132	381	148	065:18:05.40 N	096:27:48.00 W
Summer	LYG	5968	SCHED	09/06/2020 11:17:10	3	1	136	3	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5968	ARRIVAL	09/06/2020 11:18:10	1	0	138	356	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5968	XML_FLIGHT_SUMMARY	09/06/2020 11:18:11	0	0	0	0		
Summer	LYG	5969	POWER_ON	09/06/2020 11:37:35	NA	NA	NA	NA		
Summer	LYG	5969	SCHED	09/06/2020 11:38:35	1	0	131	0	065:15:35.40 N	096:23:51.59 W
Summer	LYG	5969	DEPARTURE	09/06/2020 11:40:02	1	51	186	318	065:15:54.00 N	096:24:13.20 W
Summer	LYG	5969	SCHED	09/06/2020 11:42:09	2	93	275	320	065:18:12.60 N	096:28:52.19 W
Summer	LYG	5969	SCHED	09/06/2020 11:44:15	3	81	233	324	065:20:39.00 N	096:33:37.19 W
Summer	LYG	5969	SCHED	09/06/2020 11:46:22	4	89	274	328	065:23:06.59 N	096:37:47.39 W
Summer	LYG	5969	SCHED	09/06/2020 11:50:08	5	0	161	330	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5969	ARRIVAL	09/06/2020 11:50:17	1	0	160	330	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5969	XML_FLIGHT_SUMMARY	09/06/2020 11:50:18	0	0	0	0		
Summer	LYG	5970	POWER_ON	09/06/2020 13:03:27	NA	NA	NA	NA		
Summer	LYG	5970	SCHED	09/06/2020 13:05:51	1	1	187	97	065:24:18.00 N	096:40:40.20 W
Summer	LYG	5970	DEPARTURE	09/06/2020 13:05:59	1	67	247	47	065:24:34.19 N	096:40:21.00 W
Summer	LYG	5970	SCHED	09/06/2020 13:08:08	2	114	303	145	065:21:53.99 N	096:34:08.40 W
Summer	LYG	5970	SCHED	09/06/2020 13:10:20	3	116	302	144	065:18:27.59 N	096:28:32.99 W
Summer	LYG	5970	SCHED	09/06/2020 13:12:28	4	48	202	39	065:15:31.20 N	096:23:59.39 W
Summer	LYG	5970	SCHED	09/06/2020 13:14:38	5	40	216	320	065:15:45.59 N	096:23:58.79 W
Summer	LYG	5970	SCHED	09/06/2020 13:16:43	6	70	300	323	065:17:25.20 N	096:27:23.99 W
Summer	LYG	5970	SCHED	09/06/2020 13:18:49	7	65	300	320	065:19:08.99 N	096:31:00.60 W
Summer	LYG	5970	SCHED	09/06/2020 13:21:03	8	68	304	324	065:20:58.80 N	096:34:21.59 W
Summer	LYG	5970	SCHED	09/06/2020 13:23:09	9	68	282	327	065:23:01.20 N	096:37:45.00 W
Summer	LYG	5970	SCHED	09/06/2020 13:25:15	10	24	235	312	065:24:31.80 N	096:41:00.00 W
Summer	LYG	5970	SCHED	09/06/2020 13:27:26	11	41	230	52	065:24:40.20 N	096:40:49.79 W
Summer	LYG	5970	SCHED	09/06/2020 13:29:40	12	93	312	145	065:22:43.19 N	096:36:04.20 W
Summer	LYG	5970	SCHED	09/06/2020 13:31:49	13	100	349	144	065:19:47.40 N	096:31:07.19 W
Summer	LYG	5970	SCHED	09/06/2020 13:33:56	14	100	327	145	065:16:46.80 N	096:26:18.60 W
Summer	LYG	5970	SCHED	09/06/2020 13:36:01	15	1	175	53	065:15:36.00 N	096:23:47.39 W
Summer	LYG	5970	SCHED	09/06/2020 13:38:07	16	63	308	326	065:16:11.99 N	096:24:48.59 W
Summer	LYG	5970	SCHED	09/06/2020 13:40:15	17	75	312	316	065:18:07.20 N	096:28:37.19 W
Summer	LYG	5970	SCHED	09/06/2020 13:42:25	18	70	308	320	065:19:57.60 N	096:32:40.80 W
Summer	LYG	5970	SCHED	09/06/2020 13:44:35	19	67	346	327	065:21:53.99 N	096:35:58.79 W
Summer	LYG	5970	SCHED	09/06/2020 13:46:45	20	60	310	330	065:23:53.40 N	096:39:19.19 W
Summer	LYG	5970	SCHED	09/06/2020 13:48:50	21	1	200	36	065:24:34.79 N	096:41:00.59 W
Summer	LYG	5970	SCHED	09/06/2020 13:52:27	22	101	318	147	065:21:57.60 N	096:35:12.00 W
Summer	LYG	5970	SCHED	09/06/2020 13:54:35	23	101	298	145	065:18:30.59 N	096:29:10.20 W
Summer	LYG	5970	SCHED	09/06/2020 13:56:41	24	86	304	157	065:15:42.59 N	096:24:48.59 W
Summer	LYG	5970	SCHED	09/06/2020 13:58:47	25	1	166	246	065:15:36.00 N	096:23:47.99 W
Summer	LYG	5970	SCHED	09/06/2020 14:00:53	26	71	311	316	065:16:53.39 N	096:26:26.40 W
Summer	LYG	5970	SCHED	09/06/2020 14:02:59	27	75	328	322	065:18:51.60 N	096:30:09.59 W
Summer	LYG	5970	SCHED	09/06/2020 14:05:10	28	70	324	320	065:20:47.99 N	096:33:45.60 W
Summer	LYG	5970	SCHED	09/06/2020 14:07:18	29	68	311	325	065:22:46.19 N	096:37:40.80 W
Summer	LYG	5970	SCHED	09/06/2020 14:09:27	30	24	276	325	065:24:31.80 N	096:41:01.80 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5970	SCHED	09/06/2020 14:11:46	31	86	285	134	065:24:36.60 N	096:39:44.39 W
Summer	LYG	5970	SCHED	09/06/2020 14:13:57	32	0	164	275	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5970	ARRIVAL	09/06/2020 14:14:06	1	0	164	275	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5970	XML_FLIGHT_SUMMARY	09/06/2020 14:14:07	0	0	0	0		
Summer	LYG	5971	POWER_ON	09/06/2020 15:37:43	NA	NA	NA	NA		
Summer	LYG	5971	SCHED	09/06/2020 15:38:30	1	0	161	47	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5971	DEPARTURE	09/06/2020 15:39:55	1	66	210	35	065:24:35.99 N	096:40:26.99 W
Summer	LYG	5971	SCHED	09/06/2020 15:42:02	2	126	257	144	065:21:34.79 N	096:33:33.59 W
Summer	LYG	5971	SCHED	09/06/2020 15:44:17	3	134	300	146	065:17:48.00 N	096:27:20.99 W
Summer	LYG	5971	SCHED	09/06/2020 15:46:25	4	0	135	335	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5971	ARRIVAL	09/06/2020 15:47:01	1	0	136	335	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5971	XML_FLIGHT_SUMMARY	09/06/2020 15:47:02	0	0	0	0		
Summer	LYG	5971	SCHED	09/06/2020 15:52:10	5	0	134	335	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5972	POWER_ON	09/06/2020 15:59:57	NA	NA	NA	NA		
Summer	LYG	5972	SCHED	09/06/2020 16:01:25	1	0	134	107	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5972	POWER_ON	09/06/2020 16:53:26	NA	NA	NA	NA		
Summer	LYG	5972	SCHED	09/06/2020 16:54:14	1	0	139	0	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5972	DEPARTURE	09/06/2020 16:55:50	1	62	206	320	065:15:50.39 N	096:24:18.00 W
Summer	LYG	5972	SCHED	09/06/2020 16:57:58	2	95	288	319	065:18:13.20 N	096:29:08.39 W
Summer	LYG	5972	SCHED	09/06/2020 17:00:11	3	100	290	314	065:20:46.19 N	096:34:50.99 W
Summer	LYG	5972	SCHED	09/06/2020 17:02:20	4	90	280	341	065:23:50.40 N	096:39:38.99 W
Summer	LYG	5972	SCHED	09/06/2020 17:04:25	5	0	161	9	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5972	ARRIVAL	09/06/2020 17:04:53	1	0	162	9	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5972	XML_FLIGHT_SUMMARY	09/06/2020 17:04:54	0	0	0	0		
Summer	LYG	5973	POWER_ON	09/06/2020 19:11:08	NA	NA	NA	NA		
Summer	LYG	5973	SCHED	09/06/2020 19:12:02	1	0	164	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5973	DEPARTURE	09/06/2020 19:13:11	1	70	224	44	065:24:35.40 N	096:40:23.39 W
Summer	LYG	5973	SCHED	09/06/2020 19:15:20	2	134	328	146	065:21:09.59 N	096:33:40.20 W
Summer	LYG	5973	SCHED	09/06/2020 19:17:26	3	136	311	147	065:17:07.19 N	096:27:16.79 W
Summer	LYG	5973	SCHED	09/06/2020 19:19:32	4	0	141	309	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5973	ARRIVAL	09/06/2020 19:19:59	1	0	143	24	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5973	XML_FLIGHT_SUMMARY	09/06/2020 19:20:00	0	0	0	0		
Summer	LYG	5974	POWER_ON	09/06/2020 20:02:06	NA	NA	NA	NA		
Summer	LYG	5974	SCHED	09/06/2020 20:02:54	1	0	140	0	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5974	DEPARTURE	09/06/2020 20:05:46	1	48	187	206	065:15:28.79 N	096:23:27.60 W
Summer	LYG	5974	SCHED	09/06/2020 20:09:22	2	0	137	351	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5974	ARRIVAL	09/06/2020 20:09:31	1	0	139	351	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5974	DEPARTURE	09/06/2020 20:10:50	2	91	180	196	065:15:25.79 N	096:24:23.39 W
Summer	LYG	5974	SCHED	09/06/2020 20:12:56	3	0	145	354	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5974	ARRIVAL	09/06/2020 20:13:01	2	0	144	354	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5974	DEPARTURE	09/06/2020 20:15:05	3	67	203	49	065:15:29.40 N	096:24:07.19 W
Summer	LYG	5974	SCHED	09/06/2020 20:17:11	4	7	199	23	065:15:16.19 N	096:24:51.59 W
Summer	LYG	5974	SCHED	09/06/2020 20:19:17	5	1	172	101	065:15:36.00 N	096:23:46.79 W
Summer	LYG	5974	SCHED	09/06/2020 20:21:23	6	72	201	55	065:15:26.99 N	096:24:14.39 W
Summer	LYG	5974	SCHED	09/06/2020 20:23:30	7	57	201	139	065:15:37.19 N	096:23:21.60 W
Summer	LYG	5974	SCHED	09/06/2020 20:25:39	8	0	178	343	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5974	SCHED	09/06/2020 20:27:44	9	70	221	247	065:15:11.40 N	096:24:27.60 W
Summer	LYG	5974	SCHED	09/06/2020 20:29:50	10	0	181	49	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 20:31:56	11	71	210	224	065:15:22.79 N	096:23:33.60 W
Summer	LYG	5974	SCHED	09/06/2020 20:34:10	12	8	170	51	065:15:36.00 N	096:23:47.99 W
Summer	LYG	5974	SCHED	09/06/2020 20:36:15	13	1	173	18	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 20:38:21	14	0	174	76	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5974	SCHED	09/06/2020 20:40:26	15	78	225	232	065:15:20.99 N	096:23:43.79 W
Summer	LYG	5974	SCHED	09/06/2020 20:42:31	16	3	172	60	065:15:36.00 N	096:23:47.39 W
Summer	LYG	5974	SCHED	09/06/2020 20:44:39	17	1	173	249	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5974	SCHED	09/06/2020 20:46:44	18	66	214	173	065:15:30.59 N	096:23:18.59 W
Summer	LYG	5974	SCHED	09/06/2020 20:48:50	19	54	201	48	065:15:32.39 N	096:23:59.39 W
Summer	LYG	5974	SCHED	09/06/2020 20:50:58	20	10	186	15	065:15:15.60 N	096:24:51.59 W
Summer	LYG	5974	SCHED	09/06/2020 20:53:13	21	27	183	52	065:15:38.39 N	096:23:42.60 W
Summer	LYG	5974	SCHED	09/06/2020 20:55:23	22	57	200	51	065:15:31.20 N	096:24:01.20 W
Summer	LYG	5974	SCHED	09/06/2020 20:57:29	23	6	190	61	065:15:16.79 N	096:24:51.00 W
Summer	LYG	5974	SCHED	09/06/2020 20:59:36	24	80	215	232	065:15:20.99 N	096:23:45.60 W
Summer	LYG	5974	SCHED	09/06/2020 21:01:42	25	1	181	103	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 21:03:48	26	9	183	33	065:15:36.59 N	096:23:46.20 W
Summer	LYG	5974	SCHED	09/06/2020 21:05:59	27	63	205	54	065:15:24.59 N	096:24:22.80 W
Summer	LYG	5974	SCHED	09/06/2020 21:08:17	28	45	209	268	065:15:10.79 N	096:24:40.80 W
Summer	LYG	5974	SCHED	09/06/2020 21:10:24	29	8	181	59	065:15:35.40 N	096:23:48.60 W
Summer	LYG	5974	SCHED	09/06/2020 21:12:30	30	0	179	32	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 21:14:34	31	42	192	125	065:15:36.59 N	096:23:28.80 W
Summer	LYG	5974	SCHED	09/06/2020 21:16:46	32	0	183	325	065:15:16.19 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 21:18:54	33	30	186	56	065:15:37.79 N	096:23:41.99 W
Summer	LYG	5974	SCHED	09/06/2020 21:21:05	34	1	182	69	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 21:23:13	35	58	203	209	065:15:28.20 N	096:23:26.99 W
Summer	LYG	5974	SCHED	09/06/2020 21:25:24	36	58	210	53	065:15:30.59 N	096:24:09.00 W
Summer	LYG	5974	SCHED	09/06/2020 21:27:33	37	10	197	0	065:15:15.00 N	096:24:49.79 W
Summer	LYG	5974	SCHED	09/06/2020 21:29:39	38	2	168	112	065:15:36.59 N	096:23:47.39 W
Summer	LYG	5974	SCHED	09/06/2020 21:31:47	39	76	295	321	065:17:14.40 N	096:26:45.00 W
Summer	LYG	5974	SCHED	09/06/2020 21:33:55	40	85	328	317	065:19:25.80 N	096:31:17.39 W
Summer	LYG	5974	SCHED	09/06/2020 21:36:40	41	79	282	326	065:22:11.40 N	096:36:05.40 W
Summer	LYG	5974	SCHED	09/06/2020 21:38:47	42	51	254	286	065:24:15.00 N	096:39:59.39 W
Summer	LYG	5974	SCHED	09/06/2020 21:40:53	43	0	161	280	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5974	ARRIVAL	09/06/2020 21:41:30	3	0	160	280	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5974	XML_FLIGHT_SUMMARY	09/06/2020 21:41:31	0	0	0	0		
Summer	LYG	5975	POWER_ON	09/06/2020 21:55:01	NA	NA	NA	NA		
Summer	LYG	5975	SCHED	09/06/2020 21:55:56	1	0	158	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5975	DEPARTURE	09/06/2020 21:56:55	1	89	242	118	065:24:22.19 N	096:39:58.20 W
Summer	LYG	5975	SCHED	09/06/2020 21:59:04	2	121	322	141	065:21:08.39 N	096:33:52.19 W
Summer	LYG	5975	SCHED	09/06/2020 22:01:09	3	121	348	147	065:17:44.39 N	096:27:49.19 W
Summer	LYG	5975	SCHED	09/06/2020 22:03:20	4	13	178	359	065:15:35.40 N	096:23:57.00 W
Summer	LYG	5975	SCHED	09/06/2020 22:05:35	5	16	270	274	065:15:10.79 N	096:24:28.80 W
Summer	LYG	5975	SCHED	09/06/2020 22:07:41	6	1	152	215	065:15:13.19 N	096:24:35.40 W
Summer	LYG	5975	SCHED	09/06/2020 22:09:49	7	34	182	74	065:15:38.39 N	096:23:52.19 W
Summer	LYG	5975	SCHED	09/06/2020 22:11:55	8	1	155	18	065:15:11.99 N	096:24:32.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5975	SCHED	09/06/2020 22:14:04	9	50	198	118	065:15:39.00 N	096:23:34.79 W
Summer	LYG	5975	SCHED	09/06/2020 22:16:14	10	1	150	63	065:15:11.99 N	096:24:32.39 W
Summer	LYG	5975	SCHED	09/06/2020 22:18:23	11	43	198	93	065:15:39.59 N	096:23:45.00 W
Summer	LYG	5975	SCHED	09/06/2020 22:20:34	12	60	195	30	065:15:28.20 N	096:24:12.60 W
Summer	LYG	5975	SCHED	09/06/2020 22:22:39	13	4	158	53	065:15:11.40 N	096:24:33.00 W
Summer	LYG	5975	SCHED	09/06/2020 22:24:44	14	1	176	27	065:15:36.00 N	096:23:47.99 W
Summer	LYG	5975	SCHED	09/06/2020 22:26:50	15	2	187	51	065:15:16.79 N	096:24:51.00 W
Summer	LYG	5975	SCHED	09/06/2020 22:28:57	16	7	182	13	065:15:36.59 N	096:23:47.39 W
Summer	LYG	5975	SCHED	09/06/2020 22:31:14	17	1	175	84	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5975	SCHED	09/06/2020 22:33:23	18	53	206	103	065:15:39.59 N	096:23:30.00 W
Summer	LYG	5975	SCHED	09/06/2020 22:35:39	19	1	174	16	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5975	SCHED	09/06/2020 22:37:49	20	1	133	357	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5975	ARRIVAL	09/06/2020 22:38:44	1	0	134	27	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5975	XML_FLIGHT_SUMMARY	09/06/2020 22:38:45	0	0	0	0		
Summer	LYG	5976	DEPARTURE	09/06/2020 22:41:11	2	90	174	189	065:15:24.59 N	096:24:21.60 W
Summer	LYG	5976	SCHED	09/06/2020 22:43:19	21	5	147	24	065:15:16.19 N	096:24:52.80 W
Summer	LYG	5976	SCHED	09/06/2020 22:45:26	22	0	183	112	065:15:17.40 N	096:24:49.20 W
Summer	LYG	5976	SCHED	09/06/2020 22:47:32	23	0	183	221	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5976	SCHED	09/06/2020 22:49:44	24	0	142	37	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5976	ARRIVAL	09/06/2020 22:49:48	2	0	143	37	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5976	DEPARTURE	09/06/2020 22:52:14	3	74	221	318	065:15:33.00 N	096:25:15.60 W
Summer	LYG	5976	SCHED	09/06/2020 22:54:22	25	100	335	321	065:18:06.60 N	096:30:27.60 W
Summer	LYG	5976	SCHED	09/06/2020 22:56:30	26	99	265	331	065:20:59.99 N	096:35:20.40 W
Summer	LYG	5976	SCHED	09/06/2020 22:58:45	27	92	259	332	065:23:52.20 N	096:39:19.19 W
Summer	LYG	5976	ARRIVAL	09/06/2020 23:00:28	3	0	166	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5976	XML_FLIGHT_SUMMARY	09/06/2020 23:00:29	0	0	0	0		
Summer	LYG	5977	POWER_ON	09/06/2020 23:11:25	NA	NA	NA	NA		
Summer	LYG	5977	SCHED	09/06/2020 23:12:22	1	0	172	277	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5977	DEPARTURE	09/06/2020 23:12:58	1	78	230	54	065:24:35.40 N	096:40:15.60 W
Summer	LYG	5977	SCHED	09/06/2020 23:15:17	2	138	284	149	065:20:55.79 N	096:33:43.80 W
Summer	LYG	5977	SCHED	09/06/2020 23:17:22	3	136	334	144	065:16:36.59 N	096:27:01.80 W
Summer	LYG	5977	SCHED	09/06/2020 23:19:27	4	0	140	45	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5977	ARRIVAL	09/06/2020 23:19:45	1	0	141	45	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5977	XML_FLIGHT_SUMMARY	09/06/2020 23:19:46	0	0	0	0		
Summer	LYG	5977	SCHED	09/06/2020 23:24:51	5	0	140	45	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5978	DEPARTURE	09/06/2020 23:29:27	2	67	205	320	065:15:31.79 N	096:25:14.39 W
Summer	LYG	5978	SCHED	09/06/2020 23:31:42	6	100	300	324	065:18:15.59 N	096:30:19.20 W
Summer	LYG	5978	SCHED	09/06/2020 23:33:51	7	100	297	328	065:21:22.80 N	096:35:28.20 W
Summer	LYG	5978	SCHED	09/06/2020 23:37:32	8	0	162	270	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5978	ARRIVAL	09/06/2020 23:37:36	2	0	162	270	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5978	XML_FLIGHT_SUMMARY	09/06/2020 23:37:37	0	0	0	0		
Summer	LYG	5979	POWER_ON	09/07/2020 11:10:52	NA	NA	NA	NA		
Summer	LYG	5979	SCHED	09/07/2020 11:11:49	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5979	DEPARTURE	09/07/2020 11:16:32	1	127	225	149	065:20:22.19 N	096:32:30.00 W
Summer	LYG	5979	SCHED	09/07/2020 11:18:44	2	121	234	147	065:16:40.20 N	096:26:58.80 W
Summer	LYG	5979	SCHED	09/07/2020 11:20:53	3	0	142	29	065:15:15.60 N	096:24:52.80 W
Summer	LYG	5979	ARRIVAL	09/07/2020 11:21:20	1	0	141	29	065:15:15.60 N	096:24:52.80 W
Summer	LYG	5979	XML_FLIGHT_SUMMARY	09/07/2020 11:21:21	0	0	0	0		
Summer	LYG	5979	SCHED	09/07/2020 11:26:31	4	0	141	29	065:15:15.60 N	096:24:52.80 W
Summer	LYG	5979	SCHED	09/07/2020 11:31:39	5	0	143	29	065:15:15.60 N	096:24:52.80 W
Summer	LYG	5980	DEPARTURE	09/07/2020 11:34:55	2	77	202	323	065:15:34.79 N	096:25:11.39 W
Summer	LYG	5980	SCHED	09/07/2020 11:37:02	6	98	296	320	065:18:22.20 N	096:30:40.80 W
Summer	LYG	5980	SCHED	09/07/2020 11:39:11	7	95	251	325	065:21:10.20 N	096:35:34.19 W
Summer	LYG	5980	SCHED	09/07/2020 11:41:18	8	80	214	335	065:24:04.20 N	096:39:34.79 W
Summer	LYG	5980	ARRIVAL	09/07/2020 11:42:53	2	0	161	304	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5980	XML_FLIGHT_SUMMARY	09/07/2020 11:42:54	0	0	0	0		
Summer	LYG	5981	POWER_ON	09/07/2020 12:49:49	NA	NA	NA	NA		
Summer	LYG	5981	SCHED	09/07/2020 12:50:45	1	0	164	325	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5981	DEPARTURE	09/07/2020 12:52:26	1	41	220	309	065:24:30.00 N	096:40:57.00 W
Summer	LYG	5981	SCHED	09/07/2020 12:54:40	2	95	301	144	065:24:13.19 N	096:38:37.80 W
Summer	LYG	5981	SCHED	09/07/2020 12:56:59	3	96	356	147	065:20:59.40 N	096:33:56.40 W
Summer	LYG	5981	SCHED	09/07/2020 12:59:13	4	95	334	146	065:18:00.60 N	096:29:00.00 W
Summer	LYG	5981	SCHED	09/07/2020 13:01:18	5	55	227	91	065:15:05.39 N	096:25:09.00 W
Summer	LYG	5981	SCHED	09/07/2020 13:03:24	6	46	227	342	065:15:25.20 N	096:24:54.59 W
Summer	LYG	5981	SCHED	09/07/2020 13:05:34	7	67	325	325	065:17:10.79 N	096:28:18.00 W
Summer	LYG	5981	SCHED	09/07/2020 13:07:44	8	69	336	324	065:19:09.59 N	096:31:32.39 W
Summer	LYG	5981	SCHED	09/07/2020 13:09:49	9	72	345	322	065:21:14.39 N	096:34:56.99 W
Summer	LYG	5981	SCHED	09/07/2020 13:12:06	10	68	305	330	065:23:15.00 N	096:38:21.60 W
Summer	LYG	5981	SCHED	09/07/2020 13:14:13	11	2	197	64	065:24:34.79 N	096:41:01.20 W
Summer	LYG	5981	SCHED	09/07/2020 13:16:35	12	90	320	145	065:23:43.80 N	096:38:35.40 W
Summer	LYG	5981	SCHED	09/07/2020 13:18:41	13	96	313	141	065:20:38.39 N	096:33:27.60 W
Summer	LYG	5981	SCHED	09/07/2020 13:20:47	14	94	306	147	065:17:55.19 N	096:28:51.00 W
Summer	LYG	5981	SCHED	09/07/2020 13:22:59	15	66	247	143	065:15:05.39 N	096:25:13.20 W
Summer	LYG	5981	SCHED	09/07/2020 13:25:06	16	59	245	320	065:15:28.20 N	096:25:00.00 W
Summer	LYG	5981	SCHED	09/07/2020 13:27:18	17	69	299	324	065:17:16.79 N	096:28:42.60 W
Summer	LYG	5981	SCHED	09/07/2020 13:29:29	18	72	316	324	065:19:25.80 N	096:32:23.40 W
Summer	LYG	5981	SCHED	09/07/2020 13:31:37	19	67	318	329	065:21:30.60 N	096:35:45.60 W
Summer	LYG	5981	SCHED	09/07/2020 13:33:47	20	70	296	330	065:23:35.99 N	096:38:45.00 W
Summer	LYG	5981	SCHED	09/07/2020 13:35:57	21	1	195	138	065:24:34.79 N	096:41:01.20 W
Summer	LYG	5981	SCHED	09/07/2020 13:38:03	22	0	162	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5981	ARRIVAL	09/07/2020 13:38:22	1	0	160	310	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5981	XML_FLIGHT_SUMMARY	09/07/2020 13:38:23	0	0	0	0		
Summer	LYG	5982	POWER_ON	09/07/2020 14:21:58	NA	NA	NA	NA		
Summer	LYG	5982	SCHED	09/07/2020 14:22:55	1	0	162	82	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5982	DEPARTURE	09/07/2020 14:23:54	1	70	215	57	065:24:34.19 N	096:40:20.39 W
Summer	LYG	5982	SCHED	09/07/2020 14:26:03	2	127	286	147	065:21:19.80 N	096:33:55.20 W
Summer	LYG	5982	SCHED	09/07/2020 14:28:13	3	125	281	147	065:17:33.59 N	096:27:55.80 W
Summer	LYG	5982	SCHED	09/07/2020 14:30:20	4	0	145	24	065:15:15.00 N	096:24:51.59 W
Summer	LYG	5982	ARRIVAL	09/07/2020 14:31:01	1	0	144	47	065:15:15.60 N	096:24:51.59 W
Summer	LYG	5982	XML_FLIGHT_SUMMARY	09/07/2020 14:31:02	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5983	POWER_ON	09/07/2020 14:41:38	NA	NA	NA	NA		
Summer	LYG	5983	DEPARTURE	09/07/2020 14:44:31	1	69	158	71	065:15:24.59 N	096:24:11.99 W
Summer	LYG	5983	ARRIVAL	09/07/2020 14:44:39	1	0	140	345	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5983	SCHED	09/07/2020 14:45:03	1	0	141	345	065:15:35.40 N	096:23:50.99 W
Summer	LYG	5983	SCHED	09/07/2020 14:50:08	2	12	184	35	065:15:35.40 N	096:23:49.79 W
Summer	LYG	5983	SCHED	09/07/2020 14:55:17	3	1	176	154	065:15:36.00 N	096:23:46.79 W
Summer	LYG	5983	SCHED	09/07/2020 15:00:27	4	1	176	70	065:15:34.20 N	096:23:50.99 W
Summer	LYG	5983	DEPARTURE	09/07/2020 15:04:25	2	95	182	197	065:15:21.60 N	096:24:21.00 W
Summer	LYG	5983	ARRIVAL	09/07/2020 15:05:49	2	0	142	18	065:15:15.60 N	096:24:51.59 W
Summer	LYG	5983	POWER_ON	09/07/2020 15:40:18	NA	NA	NA	NA		
Summer	LYG	5983	SCHED	09/07/2020 15:41:13	1	0	140	262	065:15:15.60 N	096:24:51.59 W
Summer	LYG	5983	DEPARTURE	09/07/2020 15:42:05	1	67	147	56	065:15:22.20 N	096:24:05.40 W
Summer	LYG	5983	ARRIVAL	09/07/2020 15:43:22	1	0	137	336	065:15:33.00 N	096:23:50.40 W
Summer	LYG	5983	SCHED	09/07/2020 15:48:28	2	0	135	336	065:15:33.00 N	096:23:50.99 W
Summer	LYG	5983	DEPARTURE	09/07/2020 15:48:59	2	87	164	211	065:15:17.99 N	096:24:29.40 W
Summer	LYG	5983	ARRIVAL	09/07/2020 15:50:13	2	0	142	59	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5983	SCHED	09/07/2020 15:55:19	3	0	140	353	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5983	DEPARTURE	09/07/2020 15:57:27	3	67	204	324	065:15:31.79 N	096:25:20.39 W
Summer	LYG	5983	SCHED	09/07/2020 15:59:36	4	97	279	324	065:17:54.60 N	096:30:08.99 W
Summer	LYG	5983	SCHED	09/07/2020 16:01:53	5	94	287	327	065:20:40.80 N	096:34:38.39 W
Summer	LYG	5983	SCHED	09/07/2020 16:03:58	6	94	271	330	065:23:43.80 N	096:39:07.19 W
Summer	LYG	5983	ARRIVAL	09/07/2020 16:05:52	3	0	157	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5983	XML_FLIGHT_SUMMARY	09/07/2020 16:05:53	0	0	0	0		
Summer	LYG	5984	POWER_ON	09/07/2020 22:03:25	NA	NA	NA	NA		
Summer	LYG	5984	SCHED	09/07/2020 22:04:26	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5984	DEPARTURE	09/07/2020 22:08:02	1	119	371	147	065:21:27.59 N	096:33:59.40 W
Summer	LYG	5984	SCHED	09/07/2020 22:10:10	2	119	344	148	065:17:59.40 N	096:28:32.39 W
Summer	LYG	5984	SCHED	09/07/2020 22:12:15	3	17	208	47	065:15:16.79 N	096:24:53.40 W
Summer	LYG	5984	SCHED	09/07/2020 22:14:20	4	61	248	327	065:15:34.79 N	096:25:07.19 W
Summer	LYG	5984	SCHED	09/07/2020 22:16:26	5	60	359	323	065:17:17.99 N	096:28:06.60 W
Summer	LYG	5984	SCHED	09/07/2020 22:18:33	6	68	381	327	065:19:09.59 N	096:31:16.20 W
Summer	LYG	5984	SCHED	09/07/2020 22:20:39	7	64	337	321	065:20:57.60 N	096:34:21.59 W
Summer	LYG	5984	SCHED	09/07/2020 22:22:46	8	71	331	328	065:22:54.59 N	096:37:28.80 W
Summer	LYG	5984	SCHED	09/07/2020 22:25:39	9	3	201	11	065:24:34.19 N	096:41:01.80 W
Summer	LYG	5984	SCHED	09/07/2020 22:27:45	10	0	157	321	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5984	ARRIVAL	09/07/2020 22:28:32	1	0	157	321	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5984	XML_FLIGHT_SUMMARY	09/07/2020 22:28:33	0	0	0	0		
Summer	LYG	5985	POWER_ON	09/07/2020 23:08:46	NA	NA	NA	NA		
Summer	LYG	5985	SCHED	09/07/2020 23:09:40	1	0	165	245	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5985	DEPARTURE	09/07/2020 23:10:31	1	75	221	43	065:24:36.60 N	096:40:29.40 W
Summer	LYG	5985	SCHED	09/07/2020 23:13:22	2	135	277	143	065:20:28.80 N	096:32:14.39 W
Summer	LYG	5985	SCHED	09/07/2020 23:15:35	3	135	272	164	065:16:00.00 N	096:25:52.79 W
Summer	LYG	5985	ARRIVAL	09/07/2020 23:17:26	1	0	143	44	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5985	XML_FLIGHT_SUMMARY	09/07/2020 23:17:27	0	0	0	0		
Summer	LYG	5985	SCHED	09/07/2020 23:22:32	4	0	143	44	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5986	DEPARTURE	09/07/2020 23:26:58	2	68	205	323	065:15:31.79 N	096:25:18.60 W
Summer	LYG	5986	SCHED	09/07/2020 23:29:13	5	103	297	325	065:18:13.20 N	096:30:03.00 W
Summer	LYG	5986	SCHED	09/07/2020 23:31:27	6	102	283	327	065:21:21.59 N	096:35:31.80 W
Summer	LYG	5986	SCHED	09/07/2020 23:33:34	7	61	214	280	065:24:14.39 N	096:40:02.39 W
Summer	LYG	5986	ARRIVAL	09/07/2020 23:35:00	2	0	167	326	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5986	XML_FLIGHT_SUMMARY	09/07/2020 23:35:01	0	0	0	0		
Summer	LYG	5987	POWER_ON	09/08/2020 11:05:08	NA	NA	NA	NA		
Summer	LYG	5987	SCHED	09/08/2020 11:05:55	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5987	DEPARTURE	09/08/2020 11:07:47	1	78	182	119	065:24:12.59 N	096:39:49.79 W
Summer	LYG	5987	SCHED	09/08/2020 11:09:56	2	116	297	144	065:20:55.20 N	096:34:12.60 W
Summer	LYG	5987	SCHED	09/08/2020 11:12:05	3	117	305	144	065:17:33.00 N	096:28:17.39 W
Summer	LYG	5987	SCHED	09/08/2020 11:14:17	4	1	144	72	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5987	ARRIVAL	09/08/2020 11:15:00	1	0	139	72	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5987	XML_FLIGHT_SUMMARY	09/08/2020 11:15:01	0	0	0	0		
Summer	LYG	5987	SCHED	09/08/2020 11:20:05	5	0	142	72	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5987	SCHED	09/08/2020 11:25:13	6	28	154	332	065:15:17.40 N	096:24:55.79 W
Summer	LYG	5988	DEPARTURE	09/08/2020 11:25:29	2	76	208	321	065:15:32.39 N	096:25:23.39 W
Summer	LYG	5988	SCHED	09/08/2020 11:27:38	7	115	392	324	065:18:32.39 N	096:30:25.79 W
Summer	LYG	5988	SCHED	09/08/2020 11:29:46	8	119	360	328	065:22:03.00 N	096:36:09.59 W
Summer	LYG	5988	SCHED	09/08/2020 11:31:51	9	0	159	319	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5988	ARRIVAL	09/08/2020 11:32:33	2	0	162	319	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5988	XML_FLIGHT_SUMMARY	09/08/2020 11:32:34	0	0	0	0		
Summer	LYG	5989	POWER_ON	09/08/2020 12:09:02	NA	NA	NA	NA		
Summer	LYG	5989	SCHED	09/08/2020 12:09:58	1	0	158	323	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5989	DEPARTURE	09/08/2020 12:11:39	1	37	249	326	065:24:32.99 N	096:40:45.00 W
Summer	LYG	5989	SCHED	09/08/2020 12:14:01	2	71	260	140	065:24:31.19 N	096:39:47.99 W
Summer	LYG	5989	SCHED	09/08/2020 12:16:07	3	81	336	140	065:22:09.59 N	096:35:12.00 W
Summer	LYG	5989	SCHED	09/08/2020 12:18:14	4	82	342	149	065:19:50.99 N	096:31:24.59 W
Summer	LYG	5989	SCHED	09/08/2020 12:20:27	5	79	384	147	065:17:32.39 N	096:27:55.80 W
Summer	LYG	5989	SCHED	09/08/2020 12:22:41	6	31	220	236	065:15:15.60 N	096:24:40.80 W
Summer	LYG	5989	SCHED	09/08/2020 12:24:48	7	0	176	115	065:15:16.79 N	096:24:48.59 W
Summer	LYG	5989	SCHED	09/08/2020 12:26:54	8	3	175	319	065:15:16.79 N	096:24:48.59 W
Summer	LYG	5989	SCHED	09/08/2020 12:28:59	9	80	408	325	065:16:46.80 N	096:27:55.20 W
Summer	LYG	5989	SCHED	09/08/2020 12:31:22	10	77	432	326	065:18:58.80 N	096:31:34.19 W
Summer	LYG	5989	SCHED	09/08/2020 12:33:29	11	78	365	327	065:21:31.19 N	096:35:40.80 W
Summer	LYG	5989	SCHED	09/08/2020 12:35:38	12	70	319	328	065:23:49.79 N	096:39:15.00 W
Summer	LYG	5989	SCHED	09/08/2020 12:37:56	13	0	183	62	065:24:34.19 N	096:41:01.20 W
Summer	LYG	5989	SCHED	09/08/2020 12:40:08	14	0	158	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5989	ARRIVAL	09/08/2020 12:40:34	1	0	162	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5989	XML_FLIGHT_SUMMARY	09/08/2020 12:40:35	0	0	0	0		
Summer	LYG	5989	SCHED	09/08/2020 12:45:41	15	0	161	150	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5990	POWER_ON	09/08/2020 13:55:11	NA	NA	NA	NA		
Summer	LYG	5990	SCHED	09/08/2020 13:56:06	1	0	165	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5990	DEPARTURE	09/08/2020 13:58:16	1	73	226	105	065:24:13.80 N	096:39:55.20 W
Summer	LYG	5990	SCHED	09/08/2020 14:00:22	2	113	298	145	065:21:15.59 N	096:34:51.60 W
Summer	LYG	5990	SCHED	09/08/2020 14:02:38	3	109	299	144	065:18:05.40 N	096:29:28.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5990	SCHED	09/08/2020 14:04:43	4	17	154	227	065:15:14.40 N	096:24:48.59 W
Summer	LYG	5990	ARRIVAL	09/08/2020 14:05:53	1	0	144	32	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5990	XML_FLIGHT_SUMMARY	09/08/2020 14:05:54	0	0	0	0		
Summer	LYG	5991	POWER_ON	09/08/2020 15:12:39	NA	NA	NA	NA		
Summer	LYG	5991	SCHED	09/08/2020 15:13:36	1	0	144	0	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5991	DEPARTURE	09/08/2020 15:17:53	1	47	213	78	065:15:07.80 N	096:24:33.00 W
Summer	LYG	5991	SCHED	09/08/2020 15:20:04	2	72	174	223	065:15:18.59 N	096:24:21.60 W
Summer	LYG	5991	ARRIVAL	09/08/2020 15:21:23	1	0	139	37	065:15:15.60 N	096:24:53.40 W
Summer	LYG	5991	DEPARTURE	09/08/2020 15:23:08	2	86	176	62	065:15:11.40 N	096:24:19.79 W
Summer	LYG	5991	SCHED	09/08/2020 15:25:16	3	0	134	168	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5991	ARRIVAL	09/08/2020 15:25:22	2	0	134	168	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5991	DEPARTURE	09/08/2020 15:27:06	3	64	204	236	065:15:22.20 N	096:24:30.00 W
Summer	LYG	5991	SCHED	09/08/2020 15:29:12	4	0	170	239	065:15:33.59 N	096:23:50.99 W
Summer	LYG	5991	SCHED	09/08/2020 15:31:18	5	62	206	11	065:15:28.20 N	096:23:24.60 W
Summer	LYG	5991	SCHED	09/08/2020 15:33:24	6	1	174	158	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5991	SCHED	09/08/2020 15:35:29	7	5	180	272	065:15:33.59 N	096:23:50.40 W
Summer	LYG	5991	SCHED	09/08/2020 15:37:37	8	1	179	279	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5991	SCHED	09/08/2020 15:39:42	9	1	169	133	065:15:33.59 N	096:23:50.99 W
Summer	LYG	5991	SCHED	09/08/2020 15:41:47	10	58	204	230	065:15:28.79 N	096:24:07.80 W
Summer	LYG	5991	SCHED	09/08/2020 15:43:52	11	33	194	292	065:15:34.20 N	096:23:38.99 W
Summer	LYG	5991	SCHED	09/08/2020 15:46:00	12	1	178	284	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5991	SCHED	09/08/2020 15:48:07	13	0	170	86	065:15:33.59 N	096:23:50.40 W
Summer	LYG	5991	SCHED	09/08/2020 15:50:12	14	1	177	301	065:15:16.79 N	096:24:50.40 W
Summer	LYG	5991	SCHED	09/08/2020 15:52:22	15	0	173	168	065:15:33.59 N	096:23:50.99 W
Summer	LYG	5991	SCHED	09/08/2020 15:54:27	16	85	203	52	065:15:16.19 N	096:23:44.39 W
Summer	LYG	5991	SCHED	09/08/2020 15:56:38	17	7	179	240	065:15:16.79 N	096:24:49.20 W
Summer	LYG	5991	SCHED	09/08/2020 15:58:44	18	8	184	252	065:15:33.59 N	096:23:49.20 W
Summer	LYG	5991	SCHED	09/08/2020 16:00:50	19	0	172	353	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5991	SCHED	09/08/2020 16:02:56	20	1	168	179	065:15:33.59 N	096:23:50.99 W
Summer	LYG	5991	SCHED	09/08/2020 16:05:11	21	51	211	117	065:15:09.60 N	096:24:41.40 W
Summer	LYG	5991	SCHED	09/08/2020 16:07:16	22	35	203	232	065:15:17.99 N	096:24:43.79 W
Summer	LYG	5991	SCHED	09/08/2020 16:09:21	23	9	196	253	065:15:33.59 N	096:23:48.60 W
Summer	LYG	5991	SCHED	09/08/2020 16:11:31	24	1	184	210	065:15:16.19 N	096:24:51.00 W
Summer	LYG	5991	SCHED	09/08/2020 16:13:37	25	0	176	141	065:15:33.59 N	096:23:51.59 W
Summer	LYG	5991	SCHED	09/08/2020 16:15:48	26	80	227	70	065:15:10.79 N	096:24:05.40 W
Summer	LYG	5991	SCHED	09/08/2020 16:17:53	27	31	210	242	065:15:17.40 N	096:24:45.00 W
Summer	LYG	5991	SCHED	09/08/2020 16:20:01	28	43	216	269	065:15:39.59 N	096:23:34.19 W
Summer	LYG	5991	SCHED	09/08/2020 16:22:08	29	1	178	242	065:15:16.19 N	096:24:50.40 W
Summer	LYG	5991	SCHED	09/08/2020 16:24:17	30	87	350	324	065:17:01.80 N	096:28:20.40 W
Summer	LYG	5991	SCHED	09/08/2020 16:26:22	31	90	353	324	065:19:40.20 N	096:32:53.99 W
Summer	LYG	5991	SCHED	09/08/2020 16:28:30	32	88	349	328	065:22:18.00 N	096:37:00.60 W
Summer	LYG	5991	SCHED	09/08/2020 16:30:37	33	19	241	243	065:24:19.19 N	096:40:34.79 W
Summer	LYG	5991	SCHED	09/08/2020 16:32:47	34	0	170	312	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5991	ARRIVAL	09/08/2020 16:32:58	3	0	169	312	065:24:18.60 N	096:40:40.80 W
Summer	LYG	5991	XML_FLIGHT_SUMMARY	09/08/2020 16:32:59	0	0	0	0		
Summer	LYG	5992	DEPARTURE	09/08/2020 16:37:08	4	73	269	109	065:24:13.80 N	096:39:53.40 W
Summer	LYG	5992	SCHED	09/08/2020 16:39:15	35	89	292	142	065:22:06.00 N	096:35:06.59 W
Summer	LYG	5992	SCHED	09/08/2020 16:41:36	36	85	288	148	065:19:38.39 N	096:30:26.99 W
Summer	LYG	5992	SCHED	09/08/2020 16:43:45	37	93	305	151	065:16:43.19 N	096:26:22.80 W
Summer	LYG	5992	SCHED	09/08/2020 16:45:52	38	12	196	192	065:15:16.19 N	096:24:50.40 W
Summer	LYG	5992	SCHED	09/08/2020 16:47:58	39	58	195	236	065:15:22.79 N	096:24:27.60 W
Summer	LYG	5992	SCHED	09/08/2020 16:50:12	40	28	208	233	065:15:37.19 N	096:23:43.79 W
Summer	LYG	5992	SCHED	09/08/2020 16:52:20	41	0	182	257	065:15:16.79 N	096:24:49.20 W
Summer	LYG	5992	SCHED	09/08/2020 16:54:31	42	1	176	47	065:15:34.20 N	096:23:50.40 W
Summer	LYG	5992	SCHED	09/08/2020 16:56:36	43	79	224	60	065:15:14.40 N	096:23:50.40 W
Summer	LYG	5992	SCHED	09/08/2020 16:58:42	44	63	222	238	065:15:22.20 N	096:24:28.80 W
Summer	LYG	5992	SCHED	09/08/2020 17:00:48	45	66	217	326	065:15:39.00 N	096:23:20.40 W
Summer	LYG	5992	SCHED	09/08/2020 17:02:55	46	3	178	252	065:15:16.79 N	096:24:49.79 W
Summer	LYG	5992	SCHED	09/08/2020 17:05:05	47	2	178	225	065:15:34.20 N	096:23:49.79 W
Summer	LYG	5992	SCHED	09/08/2020 17:07:12	48	0	184	232	065:15:16.19 N	096:24:49.79 W
Summer	LYG	5992	SCHED	09/08/2020 17:10:14	49	1	176	202	065:15:33.59 N	096:23:50.40 W
Summer	LYG	5992	SCHED	09/08/2020 17:12:20	50	2	213	68	065:15:14.40 N	096:24:36.60 W
Summer	LYG	5992	SCHED	09/08/2020 17:14:25	51	4	323	304	065:15:36.00 N	096:24:00.60 W
Summer	LYG	5992	SCHED	09/08/2020 17:18:00	52	0	173	274	065:15:34.20 N	096:23:53.99 W
Summer	LYG	5992	SCHED	09/08/2020 17:20:10	53	66	223	348	065:15:36.00 N	096:23:25.80 W
Summer	LYG	5992	SCHED	09/08/2020 17:22:18	54	2	148	305	065:15:11.99 N	096:24:32.39 W
Summer	LYG	5992	SCHED	09/08/2020 17:24:27	55	0	166	18	065:15:35.40 N	096:23:59.39 W
Summer	LYG	5992	SCHED	09/08/2020 17:26:38	56	65	205	39	065:15:19.20 N	096:23:43.79 W
Summer	LYG	5992	SCHED	09/08/2020 17:28:50	57	1	165	201	065:15:34.79 N	096:23:59.39 W
Summer	LYG	5992	SCHED	09/08/2020 17:31:06	58	63	208	6	065:15:32.39 N	096:23:30.60 W
Summer	LYG	5992	SCHED	09/08/2020 17:33:24	59	1	147	256	065:15:11.99 N	096:24:32.39 W
Summer	LYG	5992	SCHED	09/08/2020 17:35:46	60	0	162	42	065:15:35.40 N	096:24:00.00 W
Summer	LYG	5992	SCHED	09/08/2020 17:38:09	61	0	156	246	065:15:16.79 N	096:24:49.20 W
Summer	LYG	5992	SCHED	09/08/2020 17:40:14	62	0	171	130	065:15:34.20 N	096:23:50.40 W
Summer	LYG	5992	SCHED	09/08/2020 17:42:21	63	1	145	39	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5992	ARRIVAL	09/08/2020 17:44:47	4	0	148	4	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5992	XML_FLIGHT_SUMMARY	09/08/2020 17:44:48	0	0	0	0		
Summer	LYG	5993	DEPARTURE	09/08/2020 17:45:14	5	83	178	26	065:15:18.59 N	096:24:18.60 W
Summer	LYG	5993	ARRIVAL	09/08/2020 17:46:40	5	0	141	165	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5993	SCHED	09/08/2020 17:51:57	64	13	195	166	065:15:33.00 N	096:23:49.20 W
Summer	LYG	5993	DEPARTURE	09/08/2020 17:52:07	6	76	244	53	065:15:30.59 N	096:23:13.20 W
Summer	LYG	5993	SCHED	09/08/2020 17:54:13	65	86	366	316	065:17:46.80 N	096:27:24.59 W
Summer	LYG	5993	SCHED	09/08/2020 17:56:20	66	83	366	321	065:20:03.59 N	096:32:02.39 W
Summer	LYG	5993	SCHED	09/08/2020 17:58:36	67	86	349	323	065:22:24.60 N	096:36:21.59 W
Summer	LYG	5993	SCHED	09/08/2020 18:00:46	68	23	228	252	065:24:20.39 N	096:40:31.19 W
Summer	LYG	5993	ARRIVAL	09/08/2020 18:02:40	6	0	168	286	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5993	XML_FLIGHT_SUMMARY	09/08/2020 18:02:41	0	0	0	0		
Summer	LYG	5994	POWER_ON	09/08/2020 18:31:21	NA	NA	NA	NA		
Summer	LYG	5994	SCHED	09/08/2020 18:32:19	1	0	165	253	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5994	DEPARTURE	09/08/2020 18:33:11	1	74	210	113	065:24:13.19 N	096:39:51.00 W
Summer	LYG	5994	SCHED	09/08/2020 18:35:18	2	105	315	140	065:21:36.60 N	096:35:12.00 W
Summer	LYG	5994	SCHED	09/08/2020 18:39:14	3	104	325	146	065:16:56.39 N	096:27:15.60 W
Summer	LYG	5994	ARRIVAL	09/08/2020 18:41:23	1	0	144	326	065:15:15.60 N	096:24:54.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	5994	XML_FLIGHT_SUMMARY	09/08/2020 18:41:24	0	0	0	0		
Summer	LYG	5995	DEPARTURE	09/08/2020 18:45:59	2	50	232	63	065:15:14.40 N	096:24:17.39 W
Summer	LYG	5995	SCHED	09/08/2020 18:48:09	4	38	207	230	065:15:19.20 N	096:24:43.20 W
Summer	LYG	5995	SCHED	09/08/2020 18:50:15	5	0	176	104	065:15:31.79 N	096:23:55.20 W
Summer	LYG	5995	SCHED	09/08/2020 18:52:21	6	58	208	244	065:15:19.79 N	096:24:35.99 W
Summer	LYG	5995	SCHED	09/08/2020 18:54:28	7	2	178	205	065:15:31.79 N	096:23:55.79 W
Summer	LYG	5995	SCHED	09/08/2020 18:56:38	8	60	229	14	065:15:25.20 N	096:24:18.60 W
Summer	LYG	5995	SCHED	09/08/2020 18:58:47	9	64	203	242	065:15:23.40 N	096:24:18.00 W
Summer	LYG	5995	SCHED	09/08/2020 19:00:58	10	1	173	31	065:15:31.79 N	096:23:55.20 W
Summer	LYG	5995	SCHED	09/08/2020 19:03:09	11	2	143	176	065:15:31.20 N	096:23:54.59 W
Summer	LYG	5995	ARRIVAL	09/08/2020 19:04:54	2	0	146	314	065:15:15.60 N	096:24:54.00 W
Summer	LYG	5995	DEPARTURE	09/08/2020 19:06:00	3	84	208	19	065:15:19.79 N	096:24:20.40 W
Summer	LYG	5995	SCHED	09/08/2020 19:08:09	12	0	140	27	065:15:31.20 N	096:23:52.19 W
Summer	LYG	5995	ARRIVAL	09/08/2020 19:08:43	3	0	142	27	065:15:31.20 N	096:23:52.19 W
Summer	LYG	5995	POWER_ON	09/08/2020 19:46:13	NA	NA	NA	NA		
Summer	LYG	5995	SCHED	09/08/2020 19:47:12	1	0	137	0	065:15:31.20 N	096:23:52.19 W
Summer	LYG	5995	DEPARTURE	09/08/2020 19:47:40	1	101	215	356	065:15:38.39 N	096:23:29.39 W
Summer	LYG	5995	SCHED	09/08/2020 19:49:47	2	134	323	321	065:19:13.79 N	096:30:05.39 W
Summer	LYG	5995	SCHED	09/08/2020 19:51:55	3	140	310	327	065:22:58.20 N	096:37:02.39 W
Summer	LYG	5995	SCHED	09/08/2020 19:54:04	4	0	159	321	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5995	ARRIVAL	09/08/2020 19:54:13	1	0	159	321	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5995	XML_FLIGHT_SUMMARY	09/08/2020 19:54:14	0	0	0	0		
Summer	LYG	5996	POWER_ON	09/08/2020 23:07:44	NA	NA	NA	NA		
Summer	LYG	5996	SCHED	09/08/2020 23:08:39	1	0	162	212	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5996	DEPARTURE	09/08/2020 23:10:15	1	62	222	98	065:24:15.00 N	096:39:59.39 W
Summer	LYG	5996	SCHED	09/08/2020 23:12:22	2	89	374	142	065:22:02.39 N	096:35:52.80 W
Summer	LYG	5996	SCHED	09/08/2020 23:14:29	3	96	371	140	065:19:28.80 N	096:30:56.99 W
Summer	LYG	5996	SCHED	09/08/2020 23:16:36	4	97	343	147	065:16:55.80 N	096:25:57.60 W
Summer	LYG	5996	SCHED	09/08/2020 23:18:45	5	0	138	140	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5996	ARRIVAL	09/08/2020 23:19:01	1	0	137	140	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5996	XML_FLIGHT_SUMMARY	09/08/2020 23:19:02	0	0	0	0		
Summer	LYG	5996	SCHED	09/08/2020 23:24:22	6	0	139	140	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5997	DEPARTURE	09/08/2020 23:28:57	2	82	228	28	065:15:39.59 N	096:23:13.80 W
Summer	LYG	5997	SCHED	09/08/2020 23:31:03	7	135	417	321	065:19:10.79 N	096:29:20.99 W
Summer	LYG	5997	SCHED	09/08/2020 23:33:16	8	141	382	328	065:23:01.79 N	096:36:21.00 W
Summer	LYG	5997	SCHED	09/08/2020 23:35:24	9	0	162	270	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5997	ARRIVAL	09/08/2020 23:35:59	2	0	167	270	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5997	XML_FLIGHT_SUMMARY	09/08/2020 23:36:00	0	0	0	0		
Summer	LYG	5998	POWER_ON	09/09/2020 11:40:28	NA	NA	NA	NA		
Summer	LYG	5998	SCHED	09/09/2020 11:42:11	1	0	163	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5998	DEPARTURE	09/09/2020 11:43:02	1	70	193	83	065:24:18.60 N	096:39:54.00 W
Summer	LYG	5998	SCHED	09/09/2020 11:45:08	2	90	305	142	065:22:18.00 N	096:35:10.20 W
Summer	LYG	5998	SCHED	09/09/2020 11:47:14	3	91	298	142	065:19:47.99 N	096:30:34.19 W
Summer	LYG	5998	SCHED	09/09/2020 11:49:27	4	94	279	148	065:17:10.20 N	096:26:13.80 W
Summer	LYG	5998	SCHED	09/09/2020 11:51:34	5	0	137	184	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5998	ARRIVAL	09/09/2020 11:52:09	1	0	137	184	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5998	XML_FLIGHT_SUMMARY	09/09/2020 11:52:10	0	0	0	0		
Summer	LYG	5998	SCHED	09/09/2020 11:57:20	6	0	132	184	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5998	SCHED	09/09/2020 12:02:26	7	0	137	184	065:15:34.79 N	096:23:50.99 W
Summer	LYG	5999	POWER_ON	09/09/2020 12:08:52	NA	NA	NA	NA		
Summer	LYG	5999	SCHED	09/09/2020 12:09:49	1	99	181	338	065:15:56.99 N	096:23:41.99 W
Summer	LYG	5999	DEPARTURE	09/09/2020 12:09:53	1	99	181	338	065:15:56.99 N	096:23:41.99 W
Summer	LYG	5999	SCHED	09/09/2020 12:12:01	2	136	298	330	065:20:00.60 N	096:30:40.80 W
Summer	LYG	5999	SCHED	09/09/2020 12:14:06	3	142	288	320	065:24:05.40 N	096:36:48.00 W
Summer	LYG	5999	SCHED	09/09/2020 12:16:50	4	0	162	307	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5999	ARRIVAL	09/09/2020 12:16:56	1	0	160	307	065:24:18.60 N	096:40:40.20 W
Summer	LYG	5999	XML_FLIGHT_SUMMARY	09/09/2020 12:16:57	0	0	0	0		
Summer	LYG	6000	DEPARTURE	09/09/2020 12:21:04	2	55	259	84	065:24:18.00 N	096:40:00.60 W
Summer	LYG	6000	SCHED	09/09/2020 12:23:13	5	65	309	154	065:23:13.20 N	096:35:36.00 W
Summer	LYG	6000	SCHED	09/09/2020 12:25:26	6	62	326	137	065:21:22.80 N	096:32:19.79 W
Summer	LYG	6000	SCHED	09/09/2020 12:27:33	7	66	333	131	065:19:25.80 N	096:29:02.39 W
Summer	LYG	6000	SCHED	09/09/2020 12:29:41	8	72	273	153	065:17:14.99 N	096:26:17.39 W
Summer	LYG	6000	SCHED	09/09/2020 12:31:46	9	11	184	120	065:15:34.79 N	096:23:52.80 W
Summer	LYG	6000	SCHED	09/09/2020 12:33:52	10	0	172	77	065:15:33.59 N	096:23:49.79 W
Summer	LYG	6000	SCHED	09/09/2020 12:36:05	11	122	329	333	065:17:50.99 N	096:27:27.60 W
Summer	LYG	6000	SCHED	09/09/2020 12:38:14	12	124	324	331	065:21:49.79 N	096:33:19.79 W
Summer	LYG	6000	SCHED	09/09/2020 12:40:22	13	103	269	281	065:24:51.00 N	096:39:57.60 W
Summer	LYG	6000	SCHED	09/09/2020 12:42:29	14	2	196	10	065:24:34.79 N	096:41:00.59 W
Summer	LYG	6000	SCHED	09/09/2020 12:44:35	15	70	283	137	065:23:55.20 N	096:36:38.39 W
Summer	LYG	6000	SCHED	09/09/2020 12:46:51	16	70	318	149	065:21:43.80 N	096:33:11.99 W
Summer	LYG	6000	SCHED	09/09/2020 12:48:57	17	71	278	152	065:19:35.39 N	096:29:58.20 W
Summer	LYG	6000	SCHED	09/09/2020 12:51:03	18	73	275	148	065:17:25.79 N	096:26:48.00 W
Summer	LYG	6000	SCHED	09/09/2020 12:53:09	19	15	195	138	065:15:36.00 N	096:23:54.59 W
Summer	LYG	6000	SCHED	09/09/2020 12:55:15	20	112	325	321	065:16:30.59 N	096:24:46.20 W
Summer	LYG	6000	SCHED	09/09/2020 12:57:21	21	110	316	332	065:19:35.99 N	096:30:28.79 W
Summer	LYG	6000	SCHED	09/09/2020 12:59:31	22	110	323	353	065:22:44.40 N	096:35:48.00 W
Summer	LYG	6000	SCHED	09/09/2020 13:01:41	23	12	205	215	065:24:35.99 N	096:40:58.20 W
Summer	LYG	6000	SCHED	09/09/2020 13:03:53	24	70	262	109	065:24:25.19 N	096:38:57.00 W
Summer	LYG	6000	SCHED	09/09/2020 13:05:59	25	72	300	143	065:22:45.60 N	096:34:39.60 W
Summer	LYG	6000	SCHED	09/09/2020 13:08:08	26	74	295	148	065:20:33.00 N	096:31:45.59 W
Summer	LYG	6000	SCHED	09/09/2020 13:10:19	27	70	319	149	065:18:23.39 N	096:28:29.39 W
Summer	LYG	6000	SCHED	09/09/2020 13:12:25	28	66	263	134	065:16:05.40 N	096:25:16.19 W
Summer	LYG	6000	SCHED	09/09/2020 13:14:32	29	1	160	60	065:15:34.79 N	096:23:59.39 W
Summer	LYG	6000	SCHED	09/09/2020 13:16:42	30	116	321	320	065:18:13.20 N	096:28:16.79 W
Summer	LYG	6000	SCHED	09/09/2020 13:18:57	31	114	318	328	065:21:30.60 N	096:34:28.20 W
Summer	LYG	6000	SCHED	09/09/2020 13:21:04	32	93	260	253	065:24:54.00 N	096:40:23.39 W
Summer	LYG	6000	SCHED	09/09/2020 13:23:09	33	1	199	254	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6000	ARRIVAL	09/09/2020 13:24:59	2	0	160	261	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6000	XML_FLIGHT_SUMMARY	09/09/2020 13:25:00	0	0	0	0		
Summer	LYG	6001	POWER_ON	09/09/2020 14:19:32	NA	NA	NA	NA		
Summer	LYG	6001	SCHED	09/09/2020 14:20:26	1	0	162	280	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6001	DEPARTURE	09/09/2020 14:21:45	1	76	204	88	065:24:16.19 N	096:39:50.40 W
Summer	LYG	6001	SCHED	09/09/2020 14:23:53	2	91	308	145	065:22:10.79 N	096:35:07.80 W
Summer	LYG	6001	SCHED	09/09/2020 14:26:04	3	89	355	153	065:19:35.99 N	096:31:13.79 W
Summer	LYG	6001	SCHED	09/09/2020 14:28:12	4	93	299	147	065:16:39.00 N	096:27:17.40 W
Summer	LYG	6001	SCHED	09/09/2020 14:30:19	5	91	331	148	065:13:51.00 N	096:23:16.80 W
Summer	LYG	6001	SCHED	09/09/2020 14:32:25	6	94	342	148	065:11:09.60 N	096:19:13.20 W
Summer	LYG	6001	SCHED	09/09/2020 14:34:31	7	94	364	156	065:08:09.00 N	096:16:36.59 W
Summer	LYG	6001	SCHED	09/09/2020 14:36:45	8	92	391	145	065:05:33.00 N	096:12:33.60 W
Summer	LYG	6001	SCHED	09/09/2020 14:38:51	9	94	343	136	065:03:04.79 N	096:07:45.00 W
Summer	LYG	6001	SCHED	09/09/2020 14:41:03	10	0	139	227	065:01:27.60 N	096:04:18.59 W
Summer	LYG	6001	ARRIVAL	09/09/2020 14:41:47	1	0	138	200	065:01:27.60 N	096:04:18.59 W
Summer	LYG	6001	XML_FLIGHT_SUMMARY	09/09/2020 14:41:48	0	0	0	0		
Summer	LYG	6002	POWER_ON	09/09/2020 15:45:53	NA	NA	NA	NA		
Summer	LYG	6002	SCHED	09/09/2020 15:47:54	1	0	136	0	065:01:27.60 N	096:04:18.59 W
Summer	LYG	6002	DEPARTURE	09/09/2020 15:48:59	1	69	180	119	065:01:19.79 N	096:03:36.59 W
Summer	LYG	6002	SCHED	09/09/2020 15:51:05	2	97	317	56	065:03:19.79 N	095:58:11.99 W
Summer	LYG	6002	SCHED	09/09/2020 15:53:11	3	19	160	165	065:05:21.00 N	095:52:36.00 W
Summer	LYG	6002	SCHED	09/09/2020 15:55:24	4	122	267	321	065:05:56.99 N	095:55:12.59 W
Summer	LYG	6002	ARRIVAL	09/09/2020 15:57:09	1	0	133	166	065:06:10.79 N	095:56:46.79 W
Summer	LYG	6002	XML_FLIGHT_SUMMARY	09/09/2020 15:57:10	0	0	0	0		
Summer	LYG	6003	DEPARTURE	09/09/2020 15:58:51	2	59	153	256	065:06:02.39 N	095:57:25.20 W
Summer	LYG	6003	ARRIVAL	09/09/2020 16:00:07	2	0	133	80	065:05:58.20 N	095:57:33.60 W
Summer	LYG	6003	POWER_ON	09/09/2020 16:28:06	NA	NA	NA	NA		
Summer	LYG	6003	SCHED	09/09/2020 16:28:59	1	21	140	105	065:05:58.20 N	095:57:31.20 W
Summer	LYG	6003	DEPARTURE	09/09/2020 16:29:12	1	83	172	10	065:06:12.60 N	095:57:05.40 W
Summer	LYG	6003	SCHED	09/09/2020 16:31:17	2	131	278	342	065:10:04.80 N	096:00:31.79 W
Summer	LYG	6003	SCHED	09/09/2020 16:33:22	3	105	169	359	065:14:17.40 N	096:03:13.20 W
Summer	LYG	6003	SCHED	09/09/2020 16:35:30	4	111	206	269	065:15:35.40 N	096:05:56.40 W
Summer	LYG	6003	SCHED	09/09/2020 16:37:41	5	134	331	277	065:15:46.19 N	096:16:21.59 W
Summer	LYG	6003	SCHED	09/09/2020 16:39:49	6	4	140	136	065:15:34.79 N	096:23:51.59 W
Summer	LYG	6003	ARRIVAL	09/09/2020 16:40:43	1	0	137	160	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6003	XML_FLIGHT_SUMMARY	09/09/2020 16:40:44	0	0	0	0		
Summer	LYG	6004	POWER_ON	09/09/2020 17:48:00	NA	NA	NA	NA		
Summer	LYG	6004	SCHED	09/09/2020 17:48:58	1	0	138	0	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6004	DEPARTURE	09/09/2020 17:49:52	1	91	193	356	065:15:53.39 N	096:23:26.39 W
Summer	LYG	6004	SCHED	09/09/2020 17:51:57	2	133	287	317	065:19:32.39 N	096:28:38.40 W
Summer	LYG	6004	SCHED	09/09/2020 17:54:03	3	133	357	325	065:23:00.59 N	096:35:31.80 W
Summer	LYG	6004	SCHED	09/09/2020 17:56:12	4	1	161	308	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6004	ARRIVAL	09/09/2020 17:57:02	1	0	157	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6004	XML_FLIGHT_SUMMARY	09/09/2020 17:57:03	0	0	0	0		
Summer	LYG	6005	POWER_ON	09/09/2020 19:28:47	NA	NA	NA	NA		
Summer	LYG	6005	SCHED	09/09/2020 19:29:51	1	0	163	337	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6005	DEPARTURE	09/09/2020 19:30:10	1	73	187	80	065:24:18.00 N	096:39:52.80 W
Summer	LYG	6005	SCHED	09/09/2020 19:32:17	2	101	347	142	065:21:53.99 N	096:34:18.00 W
Summer	LYG	6005	SCHED	09/09/2020 19:34:23	3	103	390	142	065:18:55.19 N	096:29:26.40 W
Summer	LYG	6005	SCHED	09/09/2020 19:36:30	4	86	194	143	065:15:55.80 N	096:24:25.80 W
Summer	LYG	6005	ARRIVAL	09/09/2020 19:38:14	1	0	139	148	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6005	XML_FLIGHT_SUMMARY	09/09/2020 19:38:15	0	0	0	0		
Summer	LYG	6006	POWER_ON	09/09/2020 20:13:01	NA	NA	NA	NA		
Summer	LYG	6006	SCHED	09/09/2020 20:13:52	1	1	143	357	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6006	SCHED	09/09/2020 20:18:58	2	2	185	169	065:15:32.39 N	096:23:54.59 W
Summer	LYG	6006	SCHED	09/09/2020 20:24:04	3	2	178	303	065:15:34.20 N	096:23:50.99 W
Summer	LYG	6006	SCHED	09/09/2020 20:29:09	4	1	171	196	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6006	SCHED	09/09/2020 20:34:14	5	1	173	101	065:15:31.79 N	096:23:55.79 W
Summer	LYG	6006	SCHED	09/09/2020 20:39:19	6	10	178	66	065:15:33.59 N	096:23:51.59 W
Summer	LYG	6006	SCHED	09/09/2020 20:44:29	7	3	174	80	065:15:34.20 N	096:23:50.99 W
Summer	LYG	6006	SCHED	09/09/2020 20:49:35	8	3	171	115	065:15:34.20 N	096:23:50.99 W
Summer	LYG	6006	SCHED	09/09/2020 20:54:43	9	11	196	244	065:15:33.00 N	096:23:52.19 W
Summer	LYG	6006	SCHED	09/09/2020 20:59:54	10	3	180	188	065:15:32.39 N	096:23:55.20 W
Summer	LYG	6006	DEPARTURE	09/09/2020 21:02:23	1	54	237	284	065:15:45.00 N	096:23:52.80 W
Summer	LYG	6006	SCHED	09/09/2020 21:04:28	11	4	177	310	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6006	SCHED	09/09/2020 21:06:33	12	0	178	328	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6006	SCHED	09/09/2020 21:08:41	13	0	138	175	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6006	ARRIVAL	09/09/2020 21:08:50	1	0	137	175	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6006	POWER_ON	09/09/2020 21:47:56	NA	NA	NA	NA		
Summer	LYG	6006	SCHED	09/09/2020 21:48:56	1	0	137	338	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6006	DEPARTURE	09/09/2020 21:49:18	1	95	190	349	065:15:55.80 N	096:23:37.19 W
Summer	LYG	6006	SCHED	09/09/2020 21:51:25	2	135	342	315	065:19:08.40 N	096:30:16.19 W
Summer	LYG	6006	SCHED	09/09/2020 21:55:05	3	127	255	304	065:24:40.20 N	096:39:43.79 W
Summer	LYG	6006	ARRIVAL	09/09/2020 21:56:21	1	0	159	316	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6006	XML_FLIGHT_SUMMARY	09/09/2020 21:56:22	0	0	0	0		
Summer	LYG	6007	POWER_ON	09/09/2020 23:12:25	NA	NA	NA	NA		
Summer	LYG	6007	DEPARTURE	09/09/2020 23:14:36	1	70	202	91	065:24:17.39 N	096:39:52.80 W
Summer	LYG	6007	SCHED	09/09/2020 23:14:43	1	94	296	148	065:23:37.80 N	096:37:50.99 W
Summer	LYG	6007	SCHED	09/09/2020 23:16:48	2	98	310	147	065:20:25.80 N	096:32:38.39 W
Summer	LYG	6007	SCHED	09/09/2020 23:18:54	3	105	347	143	065:17:39.59 N	096:27:23.99 W
Summer	LYG	6007	SCHED	09/09/2020 23:21:00	4	0	138	167	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6007	ARRIVAL	09/09/2020 23:21:46	1	0	138	152	065:15:34.79 N	096:23:50.99 W
Summer	LYG	6007	XML_FLIGHT_SUMMARY	09/09/2020 23:21:47	0	0	0	0		
Summer	LYG	6007	SCHED	09/09/2020 23:26:56	5	0	139	194	065:15:33.00 N	096:23:54.59 W
Summer	LYG	6007	SCHED	09/09/2020 23:32:07	6	0	138	194	065:15:33.00 N	096:23:54.59 W
Summer	LYG	6008	DEPARTURE	09/09/2020 23:36:34	2	78	198	341	065:15:49.19 N	096:23:39.59 W
Summer	LYG	6008	SCHED	09/09/2020 23:38:56	7	128	319	321	065:19:52.19 N	096:32:15.60 W
Summer	LYG	6008	SCHED	09/09/2020 23:41:13	8	123	286	340	065:24:15.00 N	096:38:09.00 W
Summer	LYG	6008	SCHED	09/09/2020 23:43:19	9	0	164	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6008	ARRIVAL	09/09/2020 23:43:28	2	0	165	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6008	XML_FLIGHT_SUMMARY	09/09/2020 23:43:29	0	0	0	0		
Summer	LYG	6009	POWER_ON	09/10/2020 11:44:07	NA	NA	NA	NA		
Summer	LYG	6009	SCHED	09/10/2020 11:45:06	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6009	DEPARTURE	09/10/2020 11:46:33	1	70	189	57	065:24:34.19 N	096:40:21.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6009	SCHED	09/10/2020 11:48:40	2	123	259	151	065:21:57.60 N	096:33:30.00 W
Summer	LYG	6009	SCHED	09/10/2020 11:50:57	3	127	283	146	065:18:04.79 N	096:28:20.99 W
Summer	LYG	6009	SCHED	09/10/2020 11:53:04	4	2	134	321	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6009	ARRIVAL	09/10/2020 11:53:53	1	0	137	291	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6009	XML_FLIGHT_SUMMARY	09/10/2020 11:53:54	0	0	0	0		
Summer	LYG	6010	POWER_ON	09/10/2020 12:07:19	NA	NA	NA	NA		
Summer	LYG	6010	SCHED	09/10/2020 12:08:18	1	61	174	339	065:15:43.80 N	096:24:01.20 W
Summer	LYG	6010	DEPARTURE	09/10/2020 12:08:24	1	66	190	331	065:15:48.59 N	096:24:06.59 W
Summer	LYG	6010	SCHED	09/10/2020 12:10:36	2	92	262	321	065:18:27.59 N	096:29:23.99 W
Summer	LYG	6010	SCHED	09/10/2020 12:12:42	3	92	247	325	065:21:18.00 N	096:34:00.00 W
Summer	LYG	6010	SCHED	09/10/2020 12:14:47	4	94	225	320	065:24:03.00 N	096:37:58.79 W
Summer	LYG	6010	SCHED	09/10/2020 12:16:55	5	0	161	272	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6010	ARRIVAL	09/10/2020 12:17:12	1	0	161	272	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6010	XML_FLIGHT_SUMMARY	09/10/2020 12:17:13	0	0	0	0		
Summer	LYG	6011	POWER_ON	09/10/2020 12:57:36	NA	NA	NA	NA		
Summer	LYG	6011	SCHED	09/10/2020 12:58:35	1	1	191	282	065:24:18.60 N	096:40:41.40 W
Summer	LYG	6011	DEPARTURE	09/10/2020 12:59:07	1	63	261	42	065:24:34.79 N	096:40:20.39 W
Summer	LYG	6011	SCHED	09/10/2020 13:01:12	2	109	250	149	065:22:30.00 N	096:34:11.99 W
Summer	LYG	6011	SCHED	09/10/2020 13:03:18	3	94	242	152	065:19:13.79 N	096:30:00.00 W
Summer	LYG	6011	SCHED	09/10/2020 13:05:27	4	103	250	159	065:16:26.40 N	096:25:30.60 W
Summer	LYG	6011	SCHED	09/10/2020 13:07:36	5	1	169	253	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6011	SCHED	09/10/2020 13:09:45	6	73	237	339	065:16:34.20 N	096:24:33.60 W
Summer	LYG	6011	SCHED	09/10/2020 13:11:56	7	77	244	319	065:18:48.00 N	096:28:16.19 W
Summer	LYG	6011	SCHED	09/10/2020 13:14:13	8	76	270	322	065:20:59.40 N	096:32:48.00 W
Summer	LYG	6011	SCHED	09/10/2020 13:16:24	9	77	284	330	065:22:57.60 N	096:38:00.60 W
Summer	LYG	6011	SCHED	09/10/2020 13:18:31	10	2	198	351	065:24:17.39 N	096:40:41.40 W
Summer	LYG	6011	ARRIVAL	09/10/2020 13:20:40	1	0	159	118	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6011	XML_FLIGHT_SUMMARY	09/10/2020 13:20:41	0	0	0	0		
Summer	LYG	6012	DEPARTURE	09/10/2020 13:22:27	2	60	231	34	065:24:34.19 N	096:40:26.99 W
Summer	LYG	6012	SCHED	09/10/2020 13:24:36	11	111	283	162	065:21:33.00 N	096:36:16.20 W
Summer	LYG	6012	SCHED	09/10/2020 13:28:10	12	109	269	145	065:17:17.99 N	096:27:19.19 W
Summer	LYG	6012	SCHED	09/10/2020 13:30:20	13	4	173	291	065:15:31.20 N	096:23:55.79 W
Summer	LYG	6012	SCHED	09/10/2020 13:32:31	14	73	246	321	065:16:41.39 N	096:25:49.20 W
Summer	LYG	6012	SCHED	09/10/2020 13:36:14	15	72	286	324	065:20:12.60 N	096:32:03.00 W
Summer	LYG	6012	SCHED	09/10/2020 13:38:20	16	75	276	334	065:22:13.20 N	096:35:41.99 W
Summer	LYG	6012	SCHED	09/10/2020 13:40:25	17	76	258	304	065:24:22.19 N	096:38:39.59 W
Summer	LYG	6012	SCHED	09/10/2020 13:42:35	18	53	203	44	065:24:41.99 N	096:40:47.39 W
Summer	LYG	6012	SCHED	09/10/2020 13:44:44	19	118	311	162	065:21:46.79 N	096:37:05.40 W
Summer	LYG	6012	SCHED	09/10/2020 13:46:50	20	112	305	134	065:18:43.19 N	096:31:01.79 W
Summer	LYG	6012	SCHED	09/10/2020 13:48:57	21	119	239	154	065:15:40.20 N	096:24:52.19 W
Summer	LYG	6012	SCHED	09/10/2020 13:51:16	22	84	259	342	065:16:30.59 N	096:24:25.20 W
Summer	LYG	6012	SCHED	09/10/2020 13:53:23	23	74	334	316	065:19:01.79 N	096:28:48.00 W
Summer	LYG	6012	SCHED	09/10/2020 13:55:29	24	76	304	334	065:21:13.20 N	096:32:33.59 W
Summer	LYG	6012	SCHED	09/10/2020 13:57:36	25	82	288	313	065:23:30.00 N	096:36:26.39 W
Summer	LYG	6012	SCHED	09/10/2020 13:59:44	26	1	173	294	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6012	ARRIVAL	09/10/2020 14:00:33	2	0	168	277	065:24:18.60 N	096:40:40.80 W
Summer	LYG	6012	XML_FLIGHT_SUMMARY	09/10/2020 14:00:34	0	0	0	0		
Summer	LYG	6013	POWER_ON	09/10/2020 14:17:13	NA	NA	NA	NA		
Summer	LYG	6013	SCHED	09/10/2020 14:19:47	1	127	292	149	065:22:53.99 N	096:36:19.79 W
Summer	LYG	6013	DEPARTURE	09/10/2020 14:19:58	1	76	204	57	065:24:35.40 N	096:40:20.39 W
Summer	LYG	6013	SCHED	09/10/2020 14:22:11	2	130	369	139	065:18:48.60 N	096:30:25.79 W
Summer	LYG	6013	SCHED	09/10/2020 14:24:18	3	21	153	17	065:15:29.40 N	096:23:52.19 W
Summer	LYG	6013	ARRIVAL	09/10/2020 14:25:39	1	0	138	319	065:15:31.79 N	096:23:51.59 W
Summer	LYG	6013	XML_FLIGHT_SUMMARY	09/10/2020 14:25:40	0	0	0	0		
Summer	LYG	6013	SCHED	09/10/2020 14:30:44	4	0	160	60	065:15:34.20 N	096:23:50.99 W
Summer	LYG	6014	DEPARTURE	09/10/2020 14:31:25	2	71	198	182	065:15:28.20 N	096:24:16.19 W
Summer	LYG	6014	SCHED	09/10/2020 14:33:31	5	0	158	290	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6014	SCHED	09/10/2020 14:35:49	6	24	164	21	065:15:30.59 N	096:23:53.40 W
Summer	LYG	6014	SCHED	09/10/2020 14:38:12	7	0	156	130	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6014	SCHED	09/10/2020 14:40:18	8	0	155	82	065:15:34.20 N	096:23:50.40 W
Summer	LYG	6014	SCHED	09/10/2020 14:42:25	9	8	158	325	065:15:28.20 N	096:23:57.00 W
Summer	LYG	6014	ARRIVAL	09/10/2020 14:44:05	2	0	140	7	065:15:28.20 N	096:23:56.40 W
Summer	LYG	6014	POWER_ON	09/10/2020 15:11:06	NA	NA	NA	NA		
Summer	LYG	6014	SCHED	09/10/2020 15:12:01	1	1	133	214	065:15:28.20 N	096:23:56.40 W
Summer	LYG	6014	DEPARTURE	09/10/2020 15:12:20	1	65	164	329	065:15:46.19 N	096:24:09.59 W
Summer	LYG	6014	SCHED	09/10/2020 15:14:30	2	96	237	334	065:18:27.00 N	096:28:06.00 W
Summer	LYG	6014	SCHED	09/10/2020 15:16:40	3	99	239	317	065:21:10.20 N	096:33:52.19 W
Summer	LYG	6014	SCHED	09/10/2020 15:18:47	4	96	217	316	065:24:05.40 N	096:37:46.19 W
Summer	LYG	6014	ARRIVAL	09/10/2020 15:20:47	1	0	163	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6014	XML_FLIGHT_SUMMARY	09/10/2020 15:20:48	0	0	0	0		
Summer	LYG	6015	POWER_ON	09/10/2020 21:44:01	NA	NA	NA	NA		
Summer	LYG	6015	SCHED	09/10/2020 21:44:53	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6015	DEPARTURE	09/10/2020 21:49:18	1	111	354	169	065:22:01.20 N	096:36:41.40 W
Summer	LYG	6015	SCHED	09/10/2020 21:51:29	2	106	384	133	065:18:47.39 N	096:32:17.99 W
Summer	LYG	6015	SCHED	09/10/2020 21:53:36	3	117	350	145	065:16:00.60 N	096:25:38.99 W
Summer	LYG	6015	SCHED	09/10/2020 21:55:47	4	0	154	105	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6015	SCHED	09/10/2020 21:57:58	5	76	289	321	065:16:45.59 N	096:25:18.00 W
Summer	LYG	6015	SCHED	09/10/2020 22:01:36	6	79	297	321	065:19:59.40 N	096:31:46.80 W
Summer	LYG	6015	SCHED	09/10/2020 22:03:42	7	79	285	318	065:22:40.19 N	096:36:41.99 W
Summer	LYG	6015	SCHED	09/10/2020 22:06:02	8	23	198	287	065:24:16.80 N	096:40:34.79 W
Summer	LYG	6015	ARRIVAL	09/10/2020 22:07:30	1	0	162	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6015	XML_FLIGHT_SUMMARY	09/10/2020 22:07:31	0	0	0	0		
Summer	LYG	6016	DEPARTURE	09/10/2020 22:10:10	2	33	220	313	065:24:31.80 N	096:40:46.79 W
Summer	LYG	6016	SCHED	09/10/2020 22:12:19	9	0	181	32	065:24:34.79 N	096:41:01.20 W
Summer	LYG	6016	SCHED	09/10/2020 22:14:38	10	109	360	155	065:22:16.80 N	096:37:04.20 W
Summer	LYG	6016	SCHED	09/10/2020 22:18:16	11	109	532	142	065:17:30.00 N	096:28:16.79 W
Summer	LYG	6016	SCHED	09/10/2020 22:20:26	12	0	156	335	065:15:31.79 N	096:23:55.79 W
Summer	LYG	6016	SCHED	09/10/2020 22:22:34	13	59	422	326	065:16:56.99 N	096:25:58.80 W
Summer	LYG	6016	SCHED	09/10/2020 22:24:47	14	72	520	329	065:18:45.60 N	096:29:32.39 W
Summer	LYG	6016	SCHED	09/10/2020 22:27:02	15	69	509	322	065:20:46.80 N	096:33:34.19 W
Summer	LYG	6016	SCHED	09/10/2020 22:29:13	16	72	462	340	065:23:02.39 N	096:36:33.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6016	SCHED	09/10/2020 22:31:21	17	30	236	290	065:24:33.60 N	096:40:50.40 W
Summer	LYG	6016	SCHED	09/10/2020 22:33:32	18	11	209	25	065:24:32.99 N	096:40:55.20 W
Summer	LYG	6016	SCHED	09/10/2020 22:35:42	19	114	419	163	065:22:28.19 N	096:35:33.60 W
Summer	LYG	6016	SCHED	09/10/2020 22:37:52	20	118	512	149	065:19:04.20 N	096:29:19.19 W
Summer	LYG	6016	SCHED	09/10/2020 22:39:58	21	87	286	106	065:15:17.40 N	096:24:18.60 W
Summer	LYG	6016	SCHED	09/10/2020 22:42:08	22	0	159	327	065:15:31.79 N	096:23:55.79 W
Summer	LYG	6016	SCHED	09/10/2020 22:44:27	23	64	362	325	065:16:55.80 N	096:25:19.19 W
Summer	LYG	6016	SCHED	09/10/2020 22:46:38	24	70	520	323	065:18:51.60 N	096:29:00.00 W
Summer	LYG	6016	SCHED	09/10/2020 22:48:44	25	68	539	329	065:20:51.60 N	096:32:19.79 W
Summer	LYG	6016	SCHED	09/10/2020 22:50:49	26	68	518	323	065:22:51.60 N	096:35:05.99 W
Summer	LYG	6016	SCHED	09/10/2020 22:52:56	27	78	310	259	065:24:22.19 N	096:39:13.20 W
Summer	LYG	6016	SCHED	09/10/2020 22:55:03	28	0	164	276	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6016	ARRIVAL	09/10/2020 22:55:42	2	0	166	276	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6016	XML_FLIGHT_SUMMARY	09/10/2020 22:55:43	0	0	0	0		
Summer	LYG	6017	POWER_ON	09/10/2020 23:13:01	NA	NA	NA	NA		
Summer	LYG	6017	DEPARTURE	09/10/2020 23:14:11	1	65	224	31	065:24:36.60 N	096:40:32.39 W
Summer	LYG	6017	SCHED	09/10/2020 23:14:24	1	96	238	101	065:24:39.59 N	096:39:52.19 W
Summer	LYG	6017	SCHED	09/10/2020 23:16:30	2	135	497	146	065:21:22.19 N	096:34:30.00 W
Summer	LYG	6017	SCHED	09/10/2020 23:18:35	3	137	480	147	065:17:36.59 N	096:28:02.39 W
Summer	LYG	6017	SCHED	09/10/2020 23:20:46	4	0	140	320	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6017	ARRIVAL	09/10/2020 23:21:27	1	0	141	320	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6017	XML_FLIGHT_SUMMARY	09/10/2020 23:21:28	0	0	0	0		
Summer	LYG	6017	SCHED	09/10/2020 23:26:33	5	0	141	320	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6018	DEPARTURE	09/10/2020 23:31:15	2	71	189	336	065:15:50.39 N	096:24:03.00 W
Summer	LYG	6018	SCHED	09/10/2020 23:33:23	6	92	496	324	065:18:53.40 N	096:29:59.39 W
Summer	LYG	6018	SCHED	09/10/2020 23:35:29	7	94	427	334	065:21:29.39 N	096:34:53.40 W
Summer	LYG	6018	SCHED	09/10/2020 23:37:35	8	95	277	292	065:24:18.60 N	096:38:57.00 W
Summer	LYG	6018	ARRIVAL	09/10/2020 23:39:17	2	0	164	296	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6018	XML_FLIGHT_SUMMARY	09/10/2020 23:39:18	0	0	0	0		
Summer	LYG	6019	POWER_ON	09/11/2020 11:37:08	NA	NA	NA	NA		
Summer	LYG	6019	SCHED	09/11/2020 11:38:10	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6019	DEPARTURE	09/11/2020 11:39:09	1	108	228	148	065:23:41.40 N	096:37:45.00 W
Summer	LYG	6019	SCHED	09/11/2020 11:41:15	2	123	401	145	065:20:05.99 N	096:32:43.80 W
Summer	LYG	6019	SCHED	09/11/2020 11:43:20	3	128	349	128	065:16:55.19 N	096:26:08.39 W
Summer	LYG	6019	SCHED	09/11/2020 11:45:33	4	0	136	299	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6019	ARRIVAL	09/11/2020 11:45:48	1	0	135	299	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6019	XML_FLIGHT_SUMMARY	09/11/2020 11:45:49	0	0	0	0		
Summer	LYG	6019	SCHED	09/11/2020 11:50:54	5	0	133	160	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6020	DEPARTURE	09/11/2020 11:55:02	2	71	192	333	065:15:50.39 N	096:24:05.40 W
Summer	LYG	6020	SCHED	09/11/2020 11:57:09	6	99	414	324	065:18:30.59 N	096:29:10.20 W
Summer	LYG	6020	SCHED	09/11/2020 11:59:15	7	110	439	326	065:21:32.39 N	096:34:15.00 W
Summer	LYG	6020	SCHED	09/11/2020 12:01:20	8	84	217	260	065:24:21.60 N	096:39:31.19 W
Summer	LYG	6020	ARRIVAL	09/11/2020 12:03:11	2	0	160	282	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6020	XML_FLIGHT_SUMMARY	09/11/2020 12:03:12	0	0	0	0		
Summer	LYG	6021	DEPARTURE	09/11/2020 12:07:59	3	82	262	58	065:24:37.19 N	096:40:15.00 W
Summer	LYG	6021	SCHED	09/11/2020 12:10:06	9	117	511	147	065:21:44.40 N	096:35:04.79 W
Summer	LYG	6021	SCHED	09/11/2020 12:12:12	10	119	625	142	065:18:24.59 N	096:29:29.39 W
Summer	LYG	6021	SCHED	09/11/2020 12:14:22	11	66	249	95	065:15:25.20 N	096:24:18.00 W
Summer	LYG	6021	SCHED	09/11/2020 12:16:29	12	0	170	77	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6021	SCHED	09/11/2020 12:18:34	13	82	415	318	065:16:58.19 N	096:26:00.59 W
Summer	LYG	6021	SCHED	09/11/2020 12:20:40	14	89	481	318	065:19:16.79 N	096:30:34.19 W
Summer	LYG	6021	SCHED	09/11/2020 12:22:50	15	87	493	319	065:21:42.60 N	096:35:01.79 W
Summer	LYG	6021	SCHED	09/11/2020 12:24:56	16	85	384	316	065:24:22.80 N	096:39:05.40 W
Summer	LYG	6021	SCHED	09/11/2020 12:27:08	17	0	194	53	065:24:34.79 N	096:41:01.20 W
Summer	LYG	6021	SCHED	09/11/2020 12:29:18	18	90	388	142	065:23:18.59 N	096:36:45.60 W
Summer	LYG	6021	SCHED	09/11/2020 12:31:31	19	104	538	146	065:20:14.39 N	096:32:56.99 W
Summer	LYG	6021	SCHED	09/11/2020 12:33:38	20	103	463	145	065:17:07.19 N	096:27:35.99 W
Summer	LYG	6021	SCHED	09/11/2020 12:35:45	21	1	178	349	065:15:31.79 N	096:23:56.40 W
Summer	LYG	6021	SCHED	09/11/2020 12:37:51	22	73	267	334	065:16:08.99 N	096:24:28.19 W
Summer	LYG	6021	SCHED	09/11/2020 12:39:58	23	76	485	325	065:18:21.59 N	096:28:25.80 W
Summer	LYG	6021	SCHED	09/11/2020 12:42:05	24	84	589	321	065:20:28.80 N	096:33:04.79 W
Summer	LYG	6021	SCHED	09/11/2020 12:44:14	25	85	507	333	065:23:06.59 N	096:36:16.79 W
Summer	LYG	6021	SCHED	09/11/2020 12:46:21	26	5	205	265	065:24:34.79 N	096:41:00.59 W
Summer	LYG	6021	SCHED	09/11/2020 12:48:29	27	85	300	131	065:24:35.40 N	096:39:41.40 W
Summer	LYG	6021	SCHED	09/11/2020 12:50:37	28	99	478	151	065:21:29.39 N	096:36:44.40 W
Summer	LYG	6021	SCHED	09/11/2020 12:52:44	29	109	536	145	065:18:39.60 N	096:31:17.39 W
Summer	LYG	6021	SCHED	09/11/2020 12:54:52	30	101	346	141	065:15:40.80 N	096:25:35.99 W
Summer	LYG	6021	SCHED	09/11/2020 12:56:59	31	1	165	66	065:15:35.40 N	096:24:00.00 W
Summer	LYG	6021	SCHED	09/11/2020 12:59:06	32	82	462	318	065:17:19.20 N	096:27:17.40 W
Summer	LYG	6021	SCHED	09/11/2020 13:01:12	33	86	523	315	065:19:29.39 N	096:32:03.00 W
Summer	LYG	6021	SCHED	09/11/2020 13:03:18	34	91	486	336	065:21:50.99 N	096:36:38.39 W
Summer	LYG	6021	SCHED	09/11/2020 13:05:24	35	80	312	293	065:24:37.19 N	096:39:53.40 W
Summer	LYG	6021	SCHED	09/11/2020 13:07:38	36	43	260	195	065:24:20.99 N	096:40:34.19 W
Summer	LYG	6021	ARRIVAL	09/11/2020 13:09:29	3	0	163	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6021	XML_FLIGHT_SUMMARY	09/11/2020 13:09:30	0	0	0	0		
Summer	LYG	6022	POWER_ON	09/11/2020 14:44:50	NA	NA	NA	NA		
Summer	LYG	6022	SCHED	09/11/2020 14:45:49	1	33	171	122	065:24:16.80 N	096:40:34.79 W
Summer	LYG	6022	DEPARTURE	09/11/2020 14:46:07	1	84	203	89	065:24:15.59 N	096:39:47.39 W
Summer	LYG	6022	SCHED	09/11/2020 14:48:13	2	122	456	154	065:20:49.79 N	096:33:49.79 W
Summer	LYG	6022	SCHED	09/11/2020 14:50:20	3	133	406	135	065:17:19.79 N	096:27:30.00 W
Summer	LYG	6022	SCHED	09/11/2020 14:52:25	4	0	136	303	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6022	ARRIVAL	09/11/2020 14:52:52	1	0	135	303	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6022	XML_FLIGHT_SUMMARY	09/11/2020 14:52:53	0	0	0	0		
Summer	LYG	6023	POWER_ON	09/11/2020 15:27:36	NA	NA	NA	NA		
Summer	LYG	6023	SCHED	09/11/2020 15:28:24	1	2	141	290	065:15:31.20 N	096:23:52.80 W
Summer	LYG	6023	DEPARTURE	09/11/2020 15:32:23	1	41	213	10	065:15:40.20 N	096:24:21.00 W
Summer	LYG	6023	SCHED	09/11/2020 15:34:29	2	5	172	331	065:15:31.20 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 15:36:36	3	0	172	123	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 15:38:42	4	5	173	28	065:15:28.79 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 15:40:48	5	1	167	109	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 15:42:58	6	2	168	3	065:15:31.79 N	096:23:55.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6023	SCHED	09/11/2020 15:45:09	7	12	193	153	065:15:30.59 N	096:23:53.99 W
Summer	LYG	6023	SCHED	09/11/2020 15:47:18	8	3	171	331	065:15:31.79 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 15:49:23	9	11	193	154	065:15:29.40 N	096:23:52.19 W
Summer	LYG	6023	SCHED	09/11/2020 15:51:29	10	8	181	159	065:15:31.20 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 15:53:35	11	12	196	136	065:15:30.00 N	096:23:53.99 W
Summer	LYG	6023	SCHED	09/11/2020 15:55:48	12	6	183	141	065:15:31.20 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 15:57:54	13	1	173	326	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 15:59:59	14	5	180	283	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 16:02:08	15	3	176	315	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 16:04:17	16	2	171	337	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 16:06:29	17	11	198	138	065:15:30.00 N	096:23:53.40 W
Summer	LYG	6023	SCHED	09/11/2020 16:08:42	18	1	169	168	065:15:28.79 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 16:10:47	19	11	189	216	065:15:28.79 N	096:23:52.80 W
Summer	LYG	6023	SCHED	09/11/2020 16:12:54	20	1	167	242	065:15:28.79 N	096:23:55.20 W
Summer	LYG	6023	SCHED	09/11/2020 16:15:06	21	1	167	206	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 16:17:11	22	1	165	285	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 16:19:17	23	1	173	88	065:15:28.20 N	096:23:53.99 W
Summer	LYG	6023	SCHED	09/11/2020 16:21:29	24	0	174	247	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6023	SCHED	09/11/2020 16:24:23	25	1	175	242	065:15:28.20 N	096:23:53.99 W
Summer	LYG	6023	SCHED	09/11/2020 16:26:29	26	1	172	272	065:15:28.20 N	096:23:53.99 W
Summer	LYG	6023	SCHED	09/11/2020 16:28:37	27	2	156	125	065:15:31.20 N	096:23:53.40 W
Summer	LYG	6023	ARRIVAL	09/11/2020 16:30:05	1	0	138	253	065:15:31.79 N	096:23:52.19 W
Summer	LYG	6023	POWER_ON	09/11/2020 17:06:47	NA	NA	NA	NA		
Summer	LYG	6023	SCHED	09/11/2020 17:07:48	1	54	152	320	065:15:36.59 N	096:23:58.79 W
Summer	LYG	6023	DEPARTURE	09/11/2020 17:08:05	1	72	186	304	065:15:45.59 N	096:24:26.99 W
Summer	LYG	6023	SCHED	09/11/2020 17:10:13	2	117	474	325	065:19:21.00 N	096:30:15.60 W
Summer	LYG	6023	SCHED	09/11/2020 17:12:18	3	120	461	330	065:22:52.79 N	096:35:45.00 W
Summer	LYG	6023	SCHED	09/11/2020 17:14:24	4	3	187	2	065:24:31.19 N	096:40:49.20 W
Summer	LYG	6023	ARRIVAL	09/11/2020 17:16:29	1	0	159	251	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6023	XML_FLIGHT_SUMMARY	09/11/2020 17:16:30	0	0	0	0		
Summer	LYG	6024	POWER_ON	09/11/2020 23:37:40	NA	NA	NA	NA		
Summer	LYG	6024	SCHED	09/11/2020 23:38:36	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6024	DEPARTURE	09/11/2020 23:42:27	1	107	484	141	065:19:41.39 N	096:31:40.20 W
Summer	LYG	6024	SCHED	09/11/2020 23:44:34	2	108	304	142	065:16:44.39 N	096:25:52.79 W
Summer	LYG	6024	SCHED	09/11/2020 23:46:39	3	0	138	314	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6024	ARRIVAL	09/11/2020 23:46:57	1	0	138	314	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6024	XML_FLIGHT_SUMMARY	09/11/2020 23:46:58	0	0	0	0		
Summer	LYG	6024	SCHED	09/11/2020 23:52:06	4	0	136	314	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6025	DEPARTURE	09/11/2020 23:56:36	2	83	195	318	065:15:42.00 N	096:24:35.99 W
Summer	LYG	6025	SCHED	09/11/2020 23:58:44	5	115	420	326	065:18:46.80 N	096:29:37.19 W
Summer	LYG	6025	SCHED	09/12/2020 00:02:22	6	128	328	323	065:24:03.00 N	096:37:52.80 W
Summer	LYG	6025	ARRIVAL	09/12/2020 00:04:05	2	0	160	326	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6025	XML_FLIGHT_SUMMARY	09/12/2020 00:04:06	0	0	0	0		
Summer	LYG	6026	POWER_ON	09/12/2020 11:31:55	NA	NA	NA	NA		
Summer	LYG	6026	SCHED	09/12/2020 11:32:49	1	0	151	277	065:24:18.60 N	096:40:39.59 W
Summer	LYG	6026	DEPARTURE	09/12/2020 11:34:30	1	72	216	86	065:24:16.80 N	096:39:50.40 W
Summer	LYG	6026	SCHED	09/12/2020 11:36:36	2	98	417	147	065:22:01.79 N	096:35:02.39 W
Summer	LYG	6026	SCHED	09/12/2020 11:38:59	3	115	526	136	065:18:57.60 N	096:29:59.39 W
Summer	LYG	6026	SCHED	09/12/2020 11:41:06	4	47	149	185	065:15:38.39 N	096:23:44.39 W
Summer	LYG	6026	ARRIVAL	09/12/2020 11:42:47	1	0	134	258	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6026	XML_FLIGHT_SUMMARY	09/12/2020 11:42:48	0	0	0	0		
Summer	LYG	6026	SCHED	09/12/2020 11:47:58	5	0	133	258	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6027	DEPARTURE	09/12/2020 11:51:24	2	78	190	324	065:15:40.80 N	096:24:32.39 W
Summer	LYG	6027	SCHED	09/12/2020 11:53:30	6	108	404	332	065:18:39.00 N	096:29:10.20 W
Summer	LYG	6027	SCHED	09/12/2020 11:55:35	7	101	490	332	065:21:49.19 N	096:33:13.79 W
Summer	LYG	6027	SCHED	09/12/2020 11:57:46	8	105	276	293	065:24:33.60 N	096:39:09.00 W
Summer	LYG	6027	ARRIVAL	09/12/2020 11:59:29	2	0	160	298	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6027	XML_FLIGHT_SUMMARY	09/12/2020 11:59:30	0	0	0	0		
Summer	LYG	6028	DEPARTURE	09/12/2020 12:04:21	3	84	235	97	065:24:15.00 N	096:39:46.79 W
Summer	LYG	6028	SCHED	09/12/2020 12:07:10	9	107	446	151	065:21:39.00 N	096:34:42.60 W
Summer	LYG	6028	SCHED	09/12/2020 12:09:16	10	115	548	132	065:17:29.39 N	096:27:45.00 W
Summer	LYG	6028	SCHED	09/12/2020 12:11:28	11	0	151	102	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6028	SCHED	09/12/2020 12:13:44	12	100	266	351	065:16:05.99 N	096:24:55.20 W
Summer	LYG	6028	SCHED	09/12/2020 12:15:56	13	86	445	320	065:18:39.00 N	096:29:38.40 W
Summer	LYG	6028	SCHED	09/12/2020 12:18:04	14	85	462	325	065:21:08.39 N	096:34:26.39 W
Summer	LYG	6028	SCHED	09/12/2020 12:20:11	15	93	373	311	065:24:09.59 N	096:38:13.80 W
Summer	LYG	6028	SCHED	09/12/2020 12:22:18	16	1	178	254	065:24:34.79 N	096:41:01.20 W
Summer	LYG	6028	SCHED	09/12/2020 12:24:26	17	70	387	172	065:23:24.60 N	096:37:54.59 W
Summer	LYG	6028	SCHED	09/12/2020 12:26:34	18	89	475	135	065:20:46.80 N	096:35:06.59 W
Summer	LYG	6028	SCHED	09/12/2020 12:28:41	19	95	449	138	065:18:28.20 N	096:29:10.20 W
Summer	LYG	6028	SCHED	09/12/2020 12:30:47	20	90	320	144	065:15:55.80 N	096:24:04.19 W
Summer	LYG	6028	SCHED	09/12/2020 12:32:53	21	53	185	290	065:15:28.79 N	096:24:13.20 W
Summer	LYG	6028	SCHED	09/12/2020 12:35:04	22	78	431	314	065:17:51.60 N	096:27:45.00 W
Summer	LYG	6028	SCHED	09/12/2020 12:37:15	23	84	472	316	065:19:54.60 N	096:32:53.39 W
Summer	LYG	6028	SCHED	09/12/2020 12:39:21	24	93	450	346	065:22:16.19 N	096:37:25.80 W
Summer	LYG	6028	SCHED	09/12/2020 12:41:41	25	46	225	237	065:24:39.59 N	096:40:46.20 W
Summer	LYG	6028	SCHED	09/12/2020 12:43:58	26	80	329	136	065:24:12.00 N	096:38:32.40 W
Summer	LYG	6028	SCHED	09/12/2020 12:46:10	27	90	448	139	065:21:15.59 N	096:36:25.80 W
Summer	LYG	6028	SCHED	09/12/2020 12:48:17	28	99	445	133	065:18:41.99 N	096:30:37.19 W
Summer	LYG	6028	SCHED	09/12/2020 12:50:25	29	96	324	131	065:16:11.99 N	096:24:41.99 W
Summer	LYG	6028	SCHED	09/12/2020 12:52:37	30	63	196	290	065:15:30.00 N	096:24:26.39 W
Summer	LYG	6028	SCHED	09/12/2020 12:54:59	31	82	416	315	065:18:08.40 N	096:28:22.80 W
Summer	LYG	6028	SCHED	09/12/2020 12:57:05	32	90	459	319	065:20:22.80 N	096:34:11.99 W
Summer	LYG	6028	SCHED	09/12/2020 12:59:12	33	103	400	348	065:23:13.20 N	096:37:40.20 W
Summer	LYG	6028	SCHED	09/12/2020 13:01:23	34	1	175	259	065:24:34.79 N	096:41:01.20 W
Summer	LYG	6028	SCHED	09/12/2020 13:03:36	35	0	160	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6028	ARRIVAL	09/12/2020 13:03:46	3	0	161	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6028	XML_FLIGHT_SUMMARY	09/12/2020 13:03:47	0	0	0	0		
Summer	LYG	6029	POWER_ON	09/12/2020 13:49:36	NA	NA	NA	NA		
Summer	LYG	6029	SCHED	09/12/2020 13:50:30	1	0	160	62	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6029	DEPARTURE	09/12/2020 13:51:22	1	80	209	93	065:24:15.59 N	096:39:46.79 W
Summer	LYG	6029	SCHED	09/12/2020 13:53:39	2	98	464	163	065:21:19.80 N	096:36:30.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6029	SCHED	09/12/2020 13:55:49	3	104	740	156	065:17:46.19 N	096:33:20.40 W
Summer	LYG	6029	SCHED	09/12/2020 13:57:59	4	114	541	160	065:13:58.19 N	096:29:21.59 W
Summer	LYG	6029	SCHED	09/12/2020 14:01:44	5	125	480	150	065:07:30.00 N	096:24:43.20 W
Summer	LYG	6029	SCHED	09/12/2020 14:03:50	6	0	143	168	065:05:43.19 N	096:23:11.39 W
Summer	LYG	6029	ARRIVAL	09/12/2020 14:04:07	1	0	143	168	065:05:43.19 N	096:23:11.39 W
Summer	LYG	6029	XML_FLIGHT_SUMMARY	09/12/2020 14:04:08	0	0	0	0		
Summer	LYG	6030	DEPARTURE	09/12/2020 14:06:01	2	73	190	222	065:05:28.19 N	096:23:42.60 W
Summer	LYG	6030	SCHED	09/12/2020 14:08:12	7	96	432	175	065:02:34.80 N	096:24:54.00 W
Summer	LYG	6030	SCHED	09/12/2020 14:10:18	8	107	580	171	064:58:53.39 N	096:23:18.59 W
Summer	LYG	6030	SCHED	09/12/2020 14:12:25	9	111	605	168	064:55:07.19 N	096:22:01.20 W
Summer	LYG	6030	SCHED	09/12/2020 14:14:31	10	113	582	166	064:51:16.19 N	096:20:12.00 W
Summer	LYG	6030	SCHED	09/12/2020 14:16:43	11	118	557	160	064:47:25.79 N	096:17:51.60 W
Summer	LYG	6030	SCHED	09/12/2020 14:18:49	12	110	523	171	064:43:27.60 N	096:15:17.39 W
Summer	LYG	6030	SCHED	09/12/2020 14:20:55	13	110	509	192	064:39:42.60 N	096:16:28.79 W
Summer	LYG	6030	SCHED	09/12/2020 14:23:03	14	12	85	197	064:38:43.80 N	096:17:10.80 W
Summer	LYG	6030	ARRIVAL	09/12/2020 14:24:29	2	0	84	172	064:38:40.19 N	096:17:14.39 W
Summer	LYG	6030	XML_FLIGHT_SUMMARY	09/12/2020 14:24:30	0	0	0	0		
Summer	LYG	6030	SCHED	09/12/2020 14:29:39	15	0	87	187	064:38:37.19 N	096:17:41.39 W
Summer	LYG	6031	DEPARTURE	09/12/2020 14:30:42	3	80	146	344	064:38:55.20 N	096:18:04.19 W
Summer	LYG	6031	SCHED	09/12/2020 14:32:49	16	0	117	187	064:39:00.00 N	096:18:14.39 W
Summer	LYG	6031	ARRIVAL	09/12/2020 14:33:33	3	0	121	187	064:39:00.00 N	096:18:14.39 W
Summer	LYG	6031	POWER_ON	09/12/2020 17:49:13	NA	NA	NA	NA		
Summer	LYG	6031	SCHED	09/12/2020 17:49:59	1	0	121	0	064:39:00.00 N	096:18:14.39 W
Summer	LYG	6031	SCHED	09/12/2020 17:55:09	2	0	119	0	064:39:00.00 N	096:18:14.39 W
Summer	LYG	6031	POWER_ON	09/12/2020 19:43:49	NA	NA	NA	NA		
Summer	LYG	6031	SCHED	09/12/2020 19:44:45	1	0	114	0	064:39:00.00 N	096:18:13.79 W
Summer	LYG	6031	DEPARTURE	09/12/2020 19:48:28	1	83	163	353	064:39:04.20 N	096:18:38.39 W
Summer	LYG	6031	ARRIVAL	09/12/2020 19:49:03	1	0	71	178	064:39:16.19 N	096:17:40.80 W
Summer	LYG	6031	SCHED	09/12/2020 19:54:19	2	0	69	128	064:38:57.00 N	096:17:27.60 W
Summer	LYG	6031	DEPARTURE	09/12/2020 19:57:08	2	39	120	216	064:38:36.60 N	096:17:54.59 W
Summer	LYG	6031	ARRIVAL	09/12/2020 19:59:06	2	0	100	125	064:38:38.40 N	096:18:34.19 W
Summer	LYG	6031	DEPARTURE	09/12/2020 20:00:15	3	69	145	351	064:38:43.20 N	096:19:02.99 W
Summer	LYG	6031	ARRIVAL	09/12/2020 20:02:02	3	0	116	267	064:38:44.40 N	096:18:27.60 W
Summer	LYG	6031	DEPARTURE	09/12/2020 20:03:02	4	75	154	1	064:38:54.59 N	096:18:53.99 W
Summer	LYG	6031	ARRIVAL	09/12/2020 20:04:42	4	0	119	142	064:39:10.20 N	096:18:37.80 W
Summer	LYG	6031	DEPARTURE	09/12/2020 20:07:21	5	68	143	282	064:39:00.00 N	096:19:13.20 W
Summer	LYG	6031	SCHED	09/12/2020 20:09:26	3	109	346	18	064:42:09.00 N	096:19:10.79 W
Summer	LYG	6031	SCHED	09/12/2020 20:11:32	4	116	470	16	064:45:55.80 N	096:16:50.40 W
Summer	LYG	6031	SCHED	09/12/2020 20:13:40	5	124	568	27	064:49:43.19 N	096:13:35.40 W
Summer	LYG	6031	SCHED	09/12/2020 20:15:47	6	120	562	18	064:53:35.40 N	096:09:10.80 W
Summer	LYG	6031	SCHED	09/12/2020 20:18:01	7	126	566	22	064:57:38.99 N	096:05:58.20 W
Summer	LYG	6031	SCHED	09/12/2020 20:20:06	8	74	177	303	065:01:19.79 N	096:03:30.59 W
Summer	LYG	6031	ARRIVAL	09/12/2020 20:21:45	5	0	158	233	065:01:23.40 N	096:04:15.60 W
Summer	LYG	6031	XML_FLIGHT_SUMMARY	09/12/2020 20:21:46	0	0	0	0		
Summer	LYG	6032	DEPARTURE	09/12/2020 20:26:08	6	73	184	306	065:01:39.00 N	096:04:48.00 W
Summer	LYG	6032	SCHED	09/12/2020 20:28:14	9	94	393	291	065:03:31.19 N	096:10:45.60 W
Summer	LYG	6032	SCHED	09/12/2020 20:30:30	10	102	361	287	065:04:52.19 N	096:18:07.80 W
Summer	LYG	6032	SCHED	09/12/2020 20:32:40	11	0	140	200	065:05:43.19 N	096:23:10.20 W
Summer	LYG	6032	ARRIVAL	09/12/2020 20:33:15	6	0	140	200	065:05:43.19 N	096:23:10.20 W
Summer	LYG	6032	XML_FLIGHT_SUMMARY	09/12/2020 20:33:16	0	0	0	0		
Summer	LYG	6033	DEPARTURE	09/12/2020 20:37:02	7	85	191	348	065:05:52.19 N	096:23:47.99 W
Summer	LYG	6033	SCHED	09/12/2020 20:39:11	12	95	490	332	065:09:23.39 N	096:23:54.59 W
Summer	LYG	6033	SCHED	09/12/2020 20:41:20	13	105	563	332	065:12:45.59 N	096:27:08.39 W
Summer	LYG	6033	SCHED	09/12/2020 20:43:29	14	108	516	340	065:16:09.60 N	096:30:56.99 W
Summer	LYG	6033	SCHED	09/12/2020 20:45:39	15	114	505	335	065:19:34.19 N	096:34:39.60 W
Summer	LYG	6033	SCHED	09/12/2020 20:47:48	16	117	349	347	065:23:28.80 N	096:37:53.40 W
Summer	LYG	6033	SCHED	09/12/2020 20:50:06	17	0	163	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6033	ARRIVAL	09/12/2020 20:50:17	7	0	163	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6033	XML_FLIGHT_SUMMARY	09/12/2020 20:50:18	0	0	0	0		
Summer	LYG	6034	POWER_ON	09/12/2020 21:56:43	NA	NA	NA	NA		
Summer	LYG	6034	SCHED	09/12/2020 21:57:42	1	0	163	137	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6034	DEPARTURE	09/12/2020 21:59:17	1	34	216	321	065:24:32.40 N	096:40:43.79 W
Summer	LYG	6034	SCHED	09/12/2020 22:01:26	2	96	390	139	065:23:38.99 N	096:35:26.99 W
Summer	LYG	6034	SCHED	09/12/2020 22:03:41	3	95	500	132	065:20:57.60 N	096:30:28.20 W
Summer	LYG	6034	SCHED	09/12/2020 22:05:53	4	102	492	159	065:17:46.80 N	096:26:07.80 W
Summer	LYG	6034	SCHED	09/12/2020 22:08:02	5	1	155	189	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6034	SCHED	09/12/2020 22:10:12	6	62	193	298	065:15:34.20 N	096:24:19.79 W
Summer	LYG	6034	SCHED	09/12/2020 22:12:24	7	85	426	321	065:17:52.80 N	096:28:36.59 W
Summer	LYG	6034	SCHED	09/12/2020 22:14:32	8	93	392	316	065:20:22.80 N	096:33:40.80 W
Summer	LYG	6034	SCHED	09/12/2020 22:16:38	9	102	377	350	065:23:11.40 N	096:37:31.79 W
Summer	LYG	6034	SCHED	09/12/2020 22:20:28	10	87	242	120	065:24:43.80 N	096:39:54.00 W
Summer	LYG	6034	SCHED	09/12/2020 22:21:40	11	88	323	167	065:23:31.19 N	096:37:35.39 W
Summer	LYG	6034	SCHED	09/12/2020 22:23:46	12	100	441	140	065:20:04.79 N	096:34:06.59 W
Summer	LYG	6034	SCHED	09/12/2020 22:25:51	13	109	475	134	065:17:34.80 N	096:27:58.20 W
Summer	LYG	6034	SCHED	09/12/2020 22:28:03	14	2	158	356	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6034	SCHED	09/12/2020 22:30:12	15	79	352	318	065:16:51.60 N	096:25:55.79 W
Summer	LYG	6034	SCHED	09/12/2020 22:32:23	16	85	469	318	065:19:05.40 N	096:30:30.00 W
Summer	LYG	6034	SCHED	09/12/2020 22:34:32	17	88	415	319	065:21:15.59 N	096:35:50.99 W
Summer	LYG	6034	SCHED	09/12/2020 22:36:37	18	94	286	330	065:24:17.39 N	096:38:44.39 W
Summer	LYG	6034	SCHED	09/12/2020 22:39:34	19	1	165	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6034	ARRIVAL	09/12/2020 22:40:10	1	0	163	270	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6034	XML_FLIGHT_SUMMARY	09/12/2020 22:40:11	0	0	0	0		
Summer	LYG	6035	POWER_ON	09/12/2020 23:15:10	NA	NA	NA	NA		
Summer	LYG	6035	SCHED	09/12/2020 23:16:04	1	0	170	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6035	DEPARTURE	09/12/2020 23:16:37	1	75	209	50	065:24:37.19 N	096:40:23.39 W
Summer	LYG	6035	SCHED	09/12/2020 23:18:44	2	115	338	145	065:21:56.40 N	096:35:16.20 W
Summer	LYG	6035	SCHED	09/12/2020 23:20:50	3	117	431	142	065:18:47.39 N	096:29:31.20 W
Summer	LYG	6035	SCHED	09/12/2020 23:22:55	4	72	171	164	065:15:39.00 N	096:23:41.40 W
Summer	LYG	6035	ARRIVAL	09/12/2020 23:24:19	1	0	137	272	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6035	XML_FLIGHT_SUMMARY	09/12/2020 23:24:20	0	0	0	0		
Summer	LYG	6036	DEPARTURE	09/12/2020 23:25:54	2	49	152	243	065:15:20.40 N	096:24:24.59 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6036	SCHED	09/12/2020 23:27:59	5	80	230	59	065:15:23.99 N	096:23:42.60 W
Summer	LYG	6036	SCHED	09/12/2020 23:30:07	6	0	138	346	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6036	ARRIVAL	09/12/2020 23:30:23	2	0	139	346	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6036	DEPARTURE	09/12/2020 23:32:50	3	69	197	317	065:15:46.19 N	096:24:18.00 W
Summer	LYG	6036	SCHED	09/12/2020 23:34:58	7	99	419	323	065:18:13.79 N	096:28:56.39 W
Summer	LYG	6036	SCHED	09/12/2020 23:37:08	8	101	442	326	065:21:09.59 N	096:34:02.39 W
Summer	LYG	6036	SCHED	09/12/2020 23:39:17	9	100	231	281	065:24:20.39 N	096:39:27.60 W
Summer	LYG	6036	ARRIVAL	09/12/2020 23:40:44	3	0	165	314	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6036	XML_FLIGHT_SUMMARY	09/12/2020 23:40:45	0	0	0	0		
Summer	LYG	6037	POWER_ON	09/13/2020 11:34:00	NA	NA	NA	NA		
Summer	LYG	6037	SCHED	09/13/2020 11:35:40	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6037	DEPARTURE	09/13/2020 11:36:16	1	94	183	129	065:24:30.00 N	096:39:19.79 W
Summer	LYG	6037	SCHED	09/13/2020 11:38:21	2	121	427	147	065:21:02.99 N	096:34:13.79 W
Summer	LYG	6037	SCHED	09/13/2020 11:40:28	3	134	399	138	065:17:36.00 N	096:27:26.99 W
Summer	LYG	6037	SCHED	09/13/2020 11:42:38	4	1	130	309	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6037	ARRIVAL	09/13/2020 11:44:07	1	0	128	292	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6037	XML_FLIGHT_SUMMARY	09/13/2020 11:44:08	0	0	0	0		
Summer	LYG	6037	SCHED	09/13/2020 11:49:15	5	0	133	292	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6037	SCHED	09/13/2020 11:54:31	6	0	131	292	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6038	DEPARTURE	09/13/2020 11:59:03	2	66	209	333	065:15:42.00 N	096:24:21.60 W
Summer	LYG	6038	SCHED	09/13/2020 12:01:15	7	92	401	322	065:18:01.79 N	096:28:22.80 W
Summer	LYG	6038	SCHED	09/13/2020 12:03:22	8	95	355	328	065:20:47.99 N	096:33:21.00 W
Summer	LYG	6038	SCHED	09/13/2020 12:05:32	9	101	305	334	065:23:40.19 N	096:37:30.60 W
Summer	LYG	6038	SCHED	09/13/2020 12:07:41	10	0	162	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6038	ARRIVAL	09/13/2020 12:07:49	2	0	163	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6038	XML_FLIGHT_SUMMARY	09/13/2020 12:07:50	0	0	0	0		
Summer	LYG	6039	DEPARTURE	09/13/2020 12:12:02	3	68	246	57	065:24:49.79 N	096:40:44.39 W
Summer	LYG	6039	SCHED	09/13/2020 12:14:08	11	109	334	167	065:21:55.79 N	096:37:13.20 W
Summer	LYG	6039	SCHED	09/13/2020 12:16:15	12	114	336	138	065:19:05.40 N	096:30:58.80 W
Summer	LYG	6039	SCHED	09/13/2020 12:18:23	13	114	342	133	065:16:16.20 N	096:24:33.60 W
Summer	LYG	6039	SCHED	09/13/2020 12:20:36	14	1	169	94	065:15:28.79 N	096:23:54.59 W
Summer	LYG	6039	SCHED	09/13/2020 12:22:47	15	76	350	318	065:16:42.00 N	096:25:48.00 W
Summer	LYG	6039	SCHED	09/13/2020 12:24:56	16	79	349	317	065:18:47.39 N	096:30:20.99 W
Summer	LYG	6039	SCHED	09/13/2020 12:27:08	17	79	343	315	065:20:49.79 N	096:35:03.60 W
Summer	LYG	6039	SCHED	09/13/2020 12:29:17	18	80	325	346	065:23:30.60 N	096:37:46.19 W
Summer	LYG	6039	SCHED	09/13/2020 12:31:26	19	0	196	179	065:24:33.60 N	096:41:01.80 W
Summer	LYG	6039	SCHED	09/13/2020 12:33:32	20	98	302	145	065:24:13.80 N	096:38:45.00 W
Summer	LYG	6039	SCHED	09/13/2020 12:37:11	21	104	353	140	065:18:55.79 N	096:32:35.40 W
Summer	LYG	6039	SCHED	09/13/2020 12:40:59	22	64	229	218	065:15:27.60 N	096:23:32.40 W
Summer	LYG	6039	SCHED	09/13/2020 12:43:09	23	69	269	324	065:16:04.19 N	096:25:09.00 W
Summer	LYG	6039	SCHED	09/13/2020 12:45:25	24	78	326	316	065:18:14.40 N	096:28:39.00 W
Summer	LYG	6039	SCHED	09/13/2020 12:47:33	25	78	282	319	065:20:25.80 N	096:33:03.60 W
Summer	LYG	6039	SCHED	09/13/2020 12:49:43	26	79	312	360	065:22:33.00 N	096:36:28.20 W
Summer	LYG	6039	SCHED	09/13/2020 12:52:03	27	73	262	261	065:24:37.19 N	096:40:09.59 W
Summer	LYG	6039	SCHED	09/13/2020 12:54:08	28	1	190	287	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6039	ARRIVAL	09/13/2020 12:55:37	3	0	164	250	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6039	XML_FLIGHT_SUMMARY	09/13/2020 12:55:38	0	0	0	0		
Summer	LYG	6040	POWER_ON	09/13/2020 13:20:01	NA	NA	NA	NA		
Summer	LYG	6040	SCHED	09/13/2020 13:21:44	1	56	181	18	065:24:27.60 N	096:40:35.40 W
Summer	LYG	6040	DEPARTURE	09/13/2020 13:21:50	1	75	201	60	065:24:34.79 N	096:40:18.00 W
Summer	LYG	6040	SCHED	09/13/2020 13:23:58	2	126	207	134	065:20:41.39 N	096:34:07.80 W
Summer	LYG	6040	SCHED	09/13/2020 13:26:11	3	118	270	139	065:17:11.40 N	096:27:33.60 W
Summer	LYG	6040	SCHED	09/13/2020 13:28:21	4	0	134	335	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6040	ARRIVAL	09/13/2020 13:28:38	1	0	134	335	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6040	XML_FLIGHT_SUMMARY	09/13/2020 13:28:39	0	0	0	0		
Summer	LYG	6041	DEPARTURE	09/13/2020 13:30:13	2	72	169	319	065:15:45.59 N	096:24:18.00 W
Summer	LYG	6041	SCHED	09/13/2020 13:32:19	5	90	176	341	065:18:28.80 N	096:27:48.59 W
Summer	LYG	6041	SCHED	09/13/2020 13:34:33	6	88	209	313	065:20:43.19 N	096:33:11.40 W
Summer	LYG	6041	SCHED	09/13/2020 13:36:49	7	88	222	357	065:23:30.00 N	096:37:32.39 W
Summer	LYG	6041	SCHED	09/13/2020 13:38:54	8	0	171	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6041	ARRIVAL	09/13/2020 13:39:09	2	0	172	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6041	XML_FLIGHT_SUMMARY	09/13/2020 13:39:10	0	0	0	0		
Summer	LYG	6042	DEPARTURE	09/13/2020 13:42:43	3	75	231	51	065:24:34.79 N	096:40:22.19 W
Summer	LYG	6042	SCHED	09/13/2020 13:44:52	9	117	268	153	065:21:16.19 N	096:36:38.39 W
Summer	LYG	6042	SCHED	09/13/2020 13:47:01	10	111	255	135	065:18:13.79 N	096:30:59.39 W
Summer	LYG	6042	SCHED	09/13/2020 13:49:07	11	67	214	120	065:15:49.19 N	096:24:37.80 W
Summer	LYG	6042	SCHED	09/13/2020 13:51:16	12	7	162	2	065:15:33.59 N	096:23:56.40 W
Summer	LYG	6042	SCHED	09/13/2020 13:53:24	13	0	155	273	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6042	SCHED	09/13/2020 13:55:34	14	7	159	151	065:15:31.79 N	096:23:56.40 W
Summer	LYG	6042	SCHED	09/13/2020 13:58:17	15	6	157	169	065:15:32.39 N	096:23:55.79 W
Summer	LYG	6042	SCHED	09/13/2020 14:00:29	16	1	162	31	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6042	SCHED	09/13/2020 14:02:38	17	0	136	23	065:15:34.79 N	096:23:55.79 W
Summer	LYG	6042	ARRIVAL	09/13/2020 14:03:04	3	0	137	23	065:15:34.79 N	096:23:55.79 W
Summer	LYG	6042	XML_FLIGHT_SUMMARY	09/13/2020 14:03:05	0	0	0	0		
Summer	LYG	6043	POWER_ON	09/13/2020 14:24:35	NA	NA	NA	NA		
Summer	LYG	6043	SCHED	09/13/2020 14:25:21	1	38	143	354	065:15:37.79 N	096:23:56.40 W
Summer	LYG	6043	DEPARTURE	09/13/2020 14:25:39	1	68	208	344	065:15:54.60 N	096:24:05.40 W
Summer	LYG	6043	SCHED	09/13/2020 14:27:51	2	93	295	335	065:18:40.80 N	096:27:40.79 W
Summer	LYG	6043	SCHED	09/13/2020 14:30:05	3	98	286	318	065:21:18.59 N	096:33:40.80 W
Summer	LYG	6043	SCHED	09/13/2020 14:32:13	4	104	287	316	065:24:10.20 N	096:38:20.40 W
Summer	LYG	6043	ARRIVAL	09/13/2020 14:34:00	1	0	163	306	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6043	XML_FLIGHT_SUMMARY	09/13/2020 14:34:01	0	0	0	0		
Summer	LYG	6044	POWER_ON	09/13/2020 15:02:08	NA	NA	NA	NA		
Summer	LYG	6044	SCHED	09/13/2020 15:03:05	1	0	162	207	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6044	DEPARTURE	09/13/2020 15:04:16	1	65	196	346	065:24:37.19 N	096:40:37.20 W
Summer	LYG	6044	SCHED	09/13/2020 15:06:31	2	93	255	284	065:25:18.60 N	096:47:53.99 W
Summer	LYG	6044	SCHED	09/13/2020 15:08:39	3	36	107	308	065:27:28.20 N	096:53:21.60 W
Summer	LYG	6044	ARRIVAL	09/13/2020 15:10:02	1	0	96	332	065:27:29.99 N	096:53:30.00 W
Summer	LYG	6044	XML_FLIGHT_SUMMARY	09/13/2020 15:10:03	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6045	DEPARTURE	09/13/2020 15:12:25	2	88	149	92	065:27:40.79 N	096:52:56.99 W
Summer	LYG	6045	SCHED	09/13/2020 15:14:34	4	123	265	118	065:25:49.79 N	096:43:58.80 W
Summer	LYG	6045	SCHED	09/13/2020 15:16:44	5	0	162	316	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6045	ARRIVAL	09/13/2020 15:17:12	2	0	162	316	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6045	XML_FLIGHT_SUMMARY	09/13/2020 15:17:13	0	0	0	0		
Summer	LYG	6046	POWER_ON	09/13/2020 17:19:25	NA	NA	NA	NA		
Summer	LYG	6046	SCHED	09/13/2020 17:20:17	1	1	173	95	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6046	DEPARTURE	09/13/2020 17:20:38	1	69	212	50	065:24:35.40 N	096:40:24.59 W
Summer	LYG	6046	SCHED	09/13/2020 17:22:49	2	131	284	150	065:21:29.39 N	096:34:22.19 W
Summer	LYG	6046	SCHED	09/13/2020 17:24:55	3	127	260	143	065:17:33.00 N	096:28:07.80 W
Summer	LYG	6046	SCHED	09/13/2020 17:27:01	4	0	141	299	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6046	ARRIVAL	09/13/2020 17:27:45	1	0	135	345	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6046	XML_FLIGHT_SUMMARY	09/13/2020 17:27:46	0	0	0	0		
Summer	LYG	6047	POWER_ON	09/13/2020 17:57:19	NA	NA	NA	NA		
Summer	LYG	6047	SCHED	09/13/2020 17:58:04	1	52	168	342	065:15:37.19 N	096:23:58.20 W
Summer	LYG	6047	DEPARTURE	09/13/2020 17:58:20	1	62	188	331	065:15:46.19 N	096:24:08.39 W
Summer	LYG	6047	SCHED	09/13/2020 18:00:28	2	86	371	323	065:18:10.20 N	096:28:11.99 W
Summer	LYG	6047	SCHED	09/13/2020 18:02:40	3	91	435	322	065:20:33.60 N	096:32:55.20 W
Summer	LYG	6047	SCHED	09/13/2020 18:04:46	4	92	439	330	065:23:19.80 N	096:37:12.00 W
Summer	LYG	6047	SCHED	09/13/2020 18:06:52	5	0	162	289	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6047	ARRIVAL	09/13/2020 18:07:23	1	0	163	289	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6047	XML_FLIGHT_SUMMARY	09/13/2020 18:07:24	0	0	0	0		
Summer	LYG	6048	DEPARTURE	09/13/2020 18:08:00	2	63	205	355	065:24:35.99 N	096:40:39.59 W
Summer	LYG	6048	SCHED	09/13/2020 18:10:06	6	98	295	297	065:25:51.59 N	096:47:07.80 W
Summer	LYG	6048	SCHED	09/13/2020 18:12:13	7	48	126	294	065:27:28.20 N	096:53:13.20 W
Summer	LYG	6048	ARRIVAL	09/13/2020 18:13:50	2	0	100	198	065:27:29.99 N	096:53:29.39 W
Summer	LYG	6048	XML_FLIGHT_SUMMARY	09/13/2020 18:13:51	0	0	0	0		
Summer	LYG	6048	SCHED	09/13/2020 18:19:06	8	0	99	198	065:27:29.99 N	096:53:29.39 W
Summer	LYG	6049	DEPARTURE	09/13/2020 18:23:06	3	95	154	121	065:27:32.99 N	096:52:41.99 W
Summer	LYG	6049	SCHED	09/13/2020 18:25:13	9	118	440	111	065:25:40.20 N	096:44:09.59 W
Summer	LYG	6049	SCHED	09/13/2020 18:27:25	10	0	162	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6049	ARRIVAL	09/13/2020 18:27:59	3	0	161	271	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6049	XML_FLIGHT_SUMMARY	09/13/2020 18:28:00	0	0	0	0		
Summer	LYG	6050	POWER_ON	09/13/2020 19:49:51	NA	NA	NA	NA		
Summer	LYG	6050	SCHED	09/13/2020 19:50:46	1	0	152	0	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6050	DEPARTURE	09/13/2020 19:52:06	1	66	252	45	065:24:34.19 N	096:40:18.00 W
Summer	LYG	6050	SCHED	09/13/2020 19:54:11	2	119	396	138	065:21:50.40 N	096:34:17.39 W
Summer	LYG	6050	SCHED	09/13/2020 19:56:17	3	113	342	144	065:18:38.39 N	096:28:22.80 W
Summer	LYG	6050	SCHED	09/13/2020 19:58:24	4	79	218	149	065:15:41.40 N	096:23:37.80 W
Summer	LYG	6050	SCHED	09/13/2020 20:00:35	5	4	165	46	065:15:28.79 N	096:23:52.80 W
Summer	LYG	6050	ARRIVAL	09/13/2020 20:02:10	1	0	129	240	065:15:29.40 N	096:23:52.19 W
Summer	LYG	6050	XML_FLIGHT_SUMMARY	09/13/2020 20:02:11	0	0	0	0		
Summer	LYG	6051	POWER_ON	09/13/2020 20:19:34	NA	NA	NA	NA		
Summer	LYG	6051	SCHED	09/13/2020 20:20:53	1	1	135	252	065:15:28.79 N	096:23:52.80 W
Summer	LYG	6051	SCHED	09/13/2020 20:26:05	2	18	197	184	065:15:31.79 N	096:23:56.40 W
Summer	LYG	6051	SCHED	09/13/2020 20:31:10	3	12	180	27	065:15:27.60 N	096:23:55.20 W
Summer	LYG	6051	DEPARTURE	09/13/2020 20:33:42	1	27	190	65	065:15:26.40 N	096:23:57.00 W
Summer	LYG	6051	SCHED	09/13/2020 20:35:51	4	1	166	333	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 20:37:57	5	0	167	24	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 20:40:05	6	1	171	254	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 20:42:10	7	1	173	40	065:15:35.40 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 20:44:17	8	23	194	359	065:15:32.39 N	096:23:55.79 W
Summer	LYG	6051	SCHED	09/13/2020 20:46:22	9	7	177	348	065:15:28.79 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 20:48:28	10	8	183	344	065:15:28.79 N	096:23:55.79 W
Summer	LYG	6051	SCHED	09/13/2020 20:50:34	11	1	167	345	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 20:52:52	12	5	179	38	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 20:54:58	13	21	194	23	065:15:26.99 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 20:57:10	14	2	171	19	065:15:28.79 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 20:59:17	15	4	179	26	065:15:28.79 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 21:01:33	16	1	173	20	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:03:41	17	1	176	302	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:05:48	18	10	186	7	065:15:34.20 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:07:53	19	1	174	33	065:15:28.79 N	096:23:53.99 W
Summer	LYG	6051	SCHED	09/13/2020 21:10:06	20	0	175	93	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:12:28	21	72	213	124	065:15:24.59 N	096:24:03.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:14:36	22	1	177	82	065:15:28.20 N	096:23:55.79 W
Summer	LYG	6051	SCHED	09/13/2020 21:16:42	23	1	173	25	065:15:28.79 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 21:18:50	24	3	174	17	065:15:28.79 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:20:59	25	5	199	46	065:15:26.99 N	096:23:56.40 W
Summer	LYG	6051	SCHED	09/13/2020 21:23:05	26	0	174	319	065:15:34.79 N	096:23:54.59 W
Summer	LYG	6051	SCHED	09/13/2020 21:25:12	27	1	183	31	065:15:35.40 N	096:23:55.20 W
Summer	LYG	6051	SCHED	09/13/2020 21:27:19	28	73	302	337	065:16:20.40 N	096:24:19.79 W
Summer	LYG	6051	SCHED	09/13/2020 21:29:36	29	82	390	313	065:18:30.00 N	096:28:16.19 W
Summer	LYG	6051	SCHED	09/13/2020 21:31:53	30	86	361	323	065:20:46.80 N	096:34:04.79 W
Summer	LYG	6051	SCHED	09/13/2020 21:34:01	31	87	361	337	065:23:38.40 N	096:36:04.20 W
Summer	LYG	6051	SCHED	09/13/2020 21:36:15	32	2	197	321	065:24:18.00 N	096:40:40.80 W
Summer	LYG	6051	SCHED	09/13/2020 21:38:29	33	0	160	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6051	ARRIVAL	09/13/2020 21:38:37	1	0	160	310	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6051	XML_FLIGHT_SUMMARY	09/13/2020 21:38:38	0	0	0	0		
Summer	LYG	6052	DEPARTURE	09/13/2020 21:41:23	2	82	220	59	065:24:35.40 N	096:40:13.20 W
Summer	LYG	6052	SCHED	09/13/2020 21:43:34	34	129	370	150	065:21:40.80 N	096:33:00.00 W
Summer	LYG	6052	SCHED	09/13/2020 21:45:42	35	132	330	151	065:17:40.20 N	096:26:27.60 W
Summer	LYG	6052	SCHED	09/13/2020 21:47:50	36	0	135	329	065:15:27.60 N	096:23:55.20 W
Summer	LYG	6052	ARRIVAL	09/13/2020 21:48:28	2	0	136	329	065:15:27.60 N	096:23:55.20 W
Summer	LYG	6052	XML_FLIGHT_SUMMARY	09/13/2020 21:48:29	0	0	0	0		
Summer	LYG	6053	DEPARTURE	09/13/2020 21:49:53	3	69	176	341	065:15:46.19 N	096:23:52.80 W
Summer	LYG	6053	SCHED	09/13/2020 21:52:04	37	101	313	322	065:18:20.40 N	096:28:33.59 W
Summer	LYG	6053	SCHED	09/13/2020 21:54:11	38	101	337	323	065:21:09.59 N	096:34:20.40 W
Summer	LYG	6053	SCHED	09/13/2020 21:56:31	39	101	282	320	065:24:12.59 N	096:38:28.80 W
Summer	LYG	6053	ARRIVAL	09/13/2020 21:58:12	3	0	162	304	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6053	XML_FLIGHT_SUMMARY	09/13/2020 21:58:13	0	0	0	0		
Summer	LYG	6054	POWER_ON	09/13/2020 23:07:25	NA	NA	NA	NA		
Summer	LYG	6054	SCHED	09/13/2020 23:08:22	1	0	167	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6054	DEPARTURE	09/13/2020 23:09:20	1	73	190	48	065:24:34.79 N	096:40:23.99 W
Summer	LYG	6054	SCHED	09/13/2020 23:11:31	2	123	372	151	065:21:39.60 N	096:34:28.20 W
Summer	LYG	6054	SCHED	09/13/2020 23:13:46	3	132	305	143	065:17:58.80 N	096:27:46.20 W
Summer	LYG	6054	SCHED	09/13/2020 23:15:52	4	0	136	15	065:15:34.79 N	096:23:55.79 W
Summer	LYG	6054	ARRIVAL	09/13/2020 23:16:26	1	0	138	15	065:15:34.79 N	096:23:55.79 W
Summer	LYG	6054	XML_FLIGHT_SUMMARY	09/13/2020 23:16:27	0	0	0	0		
Summer	LYG	6054	SCHED	09/13/2020 23:21:35	5	0	134	15	065:15:34.79 N	096:23:55.79 W
Summer	LYG	6055	DEPARTURE	09/13/2020 23:24:45	2	72	174	356	065:15:55.20 N	096:23:55.20 W
Summer	LYG	6055	SCHED	09/13/2020 23:26:50	6	92	263	324	065:18:25.79 N	096:27:45.60 W
Summer	LYG	6055	SCHED	09/13/2020 23:29:05	7	94	298	319	065:20:53.99 N	096:32:47.39 W
Summer	LYG	6055	SCHED	09/13/2020 23:31:14	8	90	232	331	065:23:41.40 N	096:36:25.20 W
Summer	LYG	6055	SCHED	09/13/2020 23:33:19	9	0	165	293	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6055	ARRIVAL	09/13/2020 23:33:49	2	0	167	293	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6055	XML_FLIGHT_SUMMARY	09/13/2020 23:33:50	0	0	0	0		
Summer	LYG	6056	POWER_ON	09/14/2020 11:33:57	NA	NA	NA	NA		
Summer	LYG	6056	SCHED	09/14/2020 11:34:50	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6056	DEPARTURE	09/14/2020 11:36:37	1	79	170	83	065:24:19.80 N	096:39:50.40 W
Summer	LYG	6056	SCHED	09/14/2020 11:38:43	2	115	580	148	065:21:39.00 N	096:34:31.80 W
Summer	LYG	6056	SCHED	09/14/2020 11:40:54	3	130	518	141	065:18:09.59 N	096:28:07.19 W
Summer	LYG	6056	SCHED	09/14/2020 11:43:03	4	1	134	231	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6056	ARRIVAL	09/14/2020 11:43:49	1	0	133	193	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6056	XML_FLIGHT_SUMMARY	09/14/2020 11:43:50	0	0	0	0		
Summer	LYG	6056	SCHED	09/14/2020 11:48:55	5	0	135	150	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6057	DEPARTURE	09/14/2020 11:50:07	2	69	184	306	065:15:34.79 N	096:24:34.19 W
Summer	LYG	6057	SCHED	09/14/2020 11:52:16	6	82	496	324	065:18:02.40 N	096:28:37.80 W
Summer	LYG	6057	SCHED	09/14/2020 11:54:24	7	93	573	329	065:20:40.80 N	096:32:56.40 W
Summer	LYG	6057	SCHED	09/14/2020 11:56:40	8	114	287	324	065:23:50.40 N	096:37:24.60 W
Summer	LYG	6057	ARRIVAL	09/14/2020 11:58:46	2	0	158	284	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6057	XML_FLIGHT_SUMMARY	09/14/2020 11:58:47	0	0	0	0		
Summer	LYG	6057	SCHED	09/14/2020 12:03:54	9	1	163	136	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6058	DEPARTURE	09/14/2020 12:07:02	3	68	245	53	065:24:35.40 N	096:40:18.00 W
Summer	LYG	6058	SCHED	09/14/2020 12:09:09	10	89	485	148	065:22:56.99 N	096:34:58.79 W
Summer	LYG	6058	SCHED	09/14/2020 12:11:18	11	106	613	152	065:20:02.39 N	096:31:04.19 W
Summer	LYG	6058	SCHED	09/14/2020 12:14:19	12	96	411	146	065:16:25.20 N	096:24:13.20 W
Summer	LYG	6058	SCHED	09/14/2020 12:16:34	13	1	163	99	065:15:34.79 N	096:23:59.39 W
Summer	LYG	6058	SCHED	09/14/2020 12:19:30	14	1	166	169	065:15:35.40 N	096:23:53.99 W
Summer	LYG	6058	SCHED	09/14/2020 12:21:36	15	74	490	328	065:17:50.99 N	096:26:15.60 W
Summer	LYG	6058	SCHED	09/14/2020 12:23:49	16	71	603	323	065:19:53.99 N	096:29:48.00 W
Summer	LYG	6058	SCHED	09/14/2020 12:25:56	17	80	552	323	065:22:16.80 N	096:33:51.00 W
Summer	LYG	6058	SCHED	09/14/2020 12:28:02	18	69	447	294	065:24:19.19 N	096:37:53.99 W
Summer	LYG	6058	SCHED	09/14/2020 12:30:11	19	1	195	36	065:24:18.00 N	096:40:40.80 W
Summer	LYG	6058	ARRIVAL	09/14/2020 12:31:46	3	0	162	356	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6058	XML_FLIGHT_SUMMARY	09/14/2020 12:31:47	0	0	0	0		
Summer	LYG	6059	POWER_ON	09/14/2020 12:34:31	NA	NA	NA	NA		
Summer	LYG	6059	POWER_ON	09/14/2020 17:23:04	NA	NA	NA	NA		
Summer	LYG	6059	SCHED	09/14/2020 17:25:20	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6059	DEPARTURE	09/14/2020 17:26:57	1	106	309	148	065:21:40.80 N	096:32:42.59 W
Summer	LYG	6059	SCHED	09/14/2020 17:29:05	2	111	438	137	065:18:57.60 N	096:27:54.59 W
Summer	LYG	6059	SCHED	09/14/2020 17:31:15	3	8	152	282	065:16:49.19 N	096:23:30.60 W
Summer	LYG	6059	ARRIVAL	09/14/2020 17:32:13	1	0	147	267	065:16:49.80 N	096:23:32.40 W
Summer	LYG	6059	XML_FLIGHT_SUMMARY	09/14/2020 17:32:14	0	0	0	0		
Summer	LYG	6060	POWER_ON	09/14/2020 17:53:33	NA	NA	NA	NA		
Summer	LYG	6060	DEPARTURE	09/14/2020 17:54:54	1	74	187	182	065:16:28.79 N	096:23:25.20 W
Summer	LYG	6060	SCHED	09/14/2020 17:55:02	1	87	190	183	065:16:09.60 N	096:23:26.99 W
Summer	LYG	6060	ARRIVAL	09/14/2020 17:56:36	1	0	140	155	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6060	DEPARTURE	09/14/2020 17:58:55	2	65	168	212	065:15:20.99 N	096:24:18.60 W
Summer	LYG	6060	ARRIVAL	09/14/2020 18:00:49	2	0	126	174	065:14:54.00 N	096:25:13.20 W
Summer	LYG	6060	POWER_ON	09/14/2020 18:21:11	NA	NA	NA	NA		
Summer	LYG	6060	SCHED	09/14/2020 18:24:57	1	100	455	141	065:12:43.20 N	096:26:16.79 W
Summer	LYG	6060	DEPARTURE	09/14/2020 18:25:06	1	58	173	267	065:14:54.00 N	096:25:54.00 W
Summer	LYG	6060	SCHED	09/14/2020 18:27:15	2	103	407	171	065:08:18.59 N	096:24:45.00 W
Summer	LYG	6060	SCHED	09/14/2020 18:29:28	3	52	276	294	065:06:03.59 N	096:21:07.80 W
Summer	LYG	6060	ARRIVAL	09/14/2020 18:31:20	1	0	130	298	065:06:01.20 N	096:21:08.40 W
Summer	LYG	6060	XML_FLIGHT_SUMMARY	09/14/2020 18:31:21	0	0	0	0		
Summer	LYG	6061	DEPARTURE	09/14/2020 18:32:29	2	58	149	252	065:05:50.99 N	096:21:37.19 W
Summer	LYG	6061	SCHED	09/14/2020 18:34:38	4	0	147	230	065:05:34.80 N	096:24:16.80 W
Summer	LYG	6061	ARRIVAL	09/14/2020 18:34:47	2	0	147	230	065:05:34.80 N	096:24:16.80 W
Summer	LYG	6061	POWER_ON	09/14/2020 18:40:17	NA	NA	NA	NA		
Summer	LYG	6061	SCHED	09/14/2020 18:41:14	1	0	147	0	065:05:34.80 N	096:24:16.80 W
Summer	LYG	6061	POWER_ON	09/14/2020 18:51:03	NA	NA	NA	NA		
Summer	LYG	6061	SCHED	09/14/2020 18:51:52	1	10	153	232	065:05:34.80 N	096:24:17.39 W
Summer	LYG	6061	DEPARTURE	09/14/2020 18:52:10	1	93	177	67	065:05:27.59 N	096:23:41.40 W
Summer	LYG	6061	ARRIVAL	09/14/2020 18:53:43	1	0	124	274	065:05:41.39 N	096:22:47.99 W
Summer	LYG	6061	POWER_ON	09/14/2020 19:19:43	NA	NA	NA	NA		
Summer	LYG	6061	SCHED	09/14/2020 19:20:44	1	0	122	0	065:05:41.39 N	096:22:47.99 W
Summer	LYG	6061	DEPARTURE	09/14/2020 19:21:08	1	72	162	336	065:05:45.00 N	096:23:19.79 W
Summer	LYG	6061	SCHED	09/14/2020 19:23:18	2	0	143	196	065:06:11.40 N	096:20:40.80 W
Summer	LYG	6061	ARRIVAL	09/14/2020 19:23:36	1	0	143	196	065:06:11.40 N	096:20:40.80 W
Summer	LYG	6061	DEPARTURE	09/14/2020 19:24:43	2	86	176	346	065:06:23.39 N	096:21:16.79 W
Summer	LYG	6061	SCHED	09/14/2020 19:26:51	3	106	305	333	065:09:54.00 N	096:24:09.59 W
Summer	LYG	6061	SCHED	09/14/2020 19:29:04	4	112	430	328	065:13:19.79 N	096:27:25.80 W
Summer	LYG	6061	SCHED	09/14/2020 19:31:43	5	114	336	333	065:17:58.19 N	096:32:38.39 W
Summer	LYG	6061	SCHED	09/14/2020 19:33:53	6	121	261	358	065:21:41.99 N	096:36:22.19 W
Summer	LYG	6061	SCHED	09/14/2020 19:36:04	7	65	198	262	065:24:19.80 N	096:40:17.39 W
Summer	LYG	6061	ARRIVAL	09/14/2020 19:37:15	2	0	160	302	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6061	XML_FLIGHT_SUMMARY	09/14/2020 19:37:16	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6062	POWER_ON	09/14/2020 21:35:26	NA	NA	NA	NA		
Summer	LYG	6062	SCHED	09/14/2020 21:36:20	1	1	164	287	065:24:18.60 N	096:40:40.80 W
Summer	LYG	6062	DEPARTURE	09/14/2020 21:37:47	1	34	202	316	065:24:33.60 N	096:40:45.60 W
Summer	LYG	6062	SCHED	09/14/2020 21:40:07	2	90	274	138	065:23:38.99 N	096:36:50.99 W
Summer	LYG	6062	SCHED	09/14/2020 21:43:06	3	93	265	137	065:20:22.19 N	096:31:48.60 W
Summer	LYG	6062	SCHED	09/14/2020 21:46:01	4	89	290	147	065:16:58.80 N	096:25:15.60 W
Summer	LYG	6062	SCHED	09/14/2020 21:48:12	5	1	158	197	065:15:34.79 N	096:23:55.20 W
Summer	LYG	6062	SCHED	09/14/2020 21:50:19	6	98	260	9	065:16:25.79 N	096:24:06.00 W
Summer	LYG	6062	SCHED	09/14/2020 21:52:28	7	84	289	313	065:18:51.60 N	096:28:10.20 W
Summer	LYG	6062	SCHED	09/14/2020 21:54:38	8	81	254	306	065:20:45.60 N	096:33:37.19 W
Summer	LYG	6062	SCHED	09/14/2020 21:56:47	9	98	292	342	065:23:28.80 N	096:36:45.00 W
Summer	LYG	6062	SCHED	09/14/2020 21:58:52	10	1	173	284	065:24:34.79 N	096:41:01.20 W
Summer	LYG	6062	SCHED	09/14/2020 22:00:59	11	61	214	92	065:24:16.19 N	096:40:13.20 W
Summer	LYG	6062	SCHED	09/14/2020 22:03:10	12	75	284	166	065:22:26.99 N	096:37:21.59 W
Summer	LYG	6062	SCHED	09/14/2020 22:05:16	13	88	373	140	065:20:10.79 N	096:33:22.79 W
Summer	LYG	6062	SCHED	09/14/2020 22:07:27	14	87	348	143	065:17:56.99 N	096:28:13.80 W
Summer	LYG	6062	SCHED	09/14/2020 22:09:43	15	39	207	173	065:15:40.20 N	096:23:49.79 W
Summer	LYG	6062	SCHED	09/14/2020 22:11:56	16	0	151	330	065:15:35.40 N	096:23:53.99 W
Summer	LYG	6062	SCHED	09/14/2020 22:14:01	17	89	309	332	065:17:13.80 N	096:27:10.80 W
Summer	LYG	6062	SCHED	09/14/2020 22:16:14	18	94	294	324	065:19:46.80 N	096:31:19.20 W
Summer	LYG	6062	SCHED	09/14/2020 22:18:23	19	109	289	358	065:22:02.39 N	096:36:24.00 W
Summer	LYG	6062	SCHED	09/14/2020 22:20:37	20	66	257	279	065:24:37.80 N	096:40:07.80 W
Summer	LYG	6062	SCHED	09/14/2020 22:22:43	21	26	201	121	065:24:33.60 N	096:40:51.00 W
Summer	LYG	6062	SCHED	09/14/2020 22:24:51	22	76	296	170	065:22:58.20 N	096:37:23.99 W
Summer	LYG	6062	SCHED	09/14/2020 22:27:01	23	89	331	140	065:20:26.39 N	096:34:40.80 W
Summer	LYG	6062	SCHED	09/14/2020 22:29:13	24	97	381	130	065:18:05.40 N	096:28:56.39 W
Summer	LYG	6062	SCHED	09/14/2020 22:31:23	25	41	200	208	065:15:34.20 N	096:23:41.40 W
Summer	LYG	6062	SCHED	09/14/2020 22:33:31	26	1	157	141	065:15:34.79 N	096:23:55.20 W
Summer	LYG	6062	SCHED	09/14/2020 22:35:36	27	82	311	324	065:17:22.20 N	096:26:54.59 W
Summer	LYG	6062	SCHED	09/14/2020 22:37:44	28	84	267	315	065:19:45.60 N	096:31:06.60 W
Summer	LYG	6062	SCHED	09/14/2020 22:39:51	29	86	295	330	065:21:28.80 N	096:36:10.20 W
Summer	LYG	6062	SCHED	09/14/2020 22:42:07	30	79	275	295	065:24:28.19 N	096:38:40.80 W
Summer	LYG	6062	SCHED	09/14/2020 22:44:19	31	2	184	257	065:24:34.79 N	096:41:01.20 W
Summer	LYG	6062	SCHED	09/14/2020 22:46:25	32	0	181	112	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6062	ARRIVAL	09/14/2020 22:47:55	1	0	170	131	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6062	XML_FLIGHT_SUMMARY	09/14/2020 22:47:56	0	0	0	0		
Summer	LYG	6063	POWER_ON	09/14/2020 23:06:15	NA	NA	NA	NA		
Summer	LYG	6063	SCHED	09/14/2020 23:07:19	1	0	163	211	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6063	DEPARTURE	09/14/2020 23:07:40	1	95	204	76	065:24:17.39 N	096:39:45.00 W
Summer	LYG	6063	SCHED	09/14/2020 23:09:46	2	98	347	151	065:21:58.20 N	096:34:45.60 W
Summer	LYG	6063	SCHED	09/14/2020 23:11:52	3	110	276	144	065:18:49.19 N	096:29:37.79 W
Summer	LYG	6063	SCHED	09/14/2020 23:14:02	4	95	186	147	065:15:54.00 N	096:23:53.99 W
Summer	LYG	6063	ARRIVAL	09/14/2020 23:15:38	1	0	136	133	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6063	XML_FLIGHT_SUMMARY	09/14/2020 23:15:39	0	0	0	0		
Summer	LYG	6064	POWER_ON	09/14/2020 23:28:44	NA	NA	NA	NA		
Summer	LYG	6064	SCHED	09/14/2020 23:29:31	1	0	134	0	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6064	DEPARTURE	09/14/2020 23:30:40	1	65	195	306	065:15:36.00 N	096:24:33.60 W
Summer	LYG	6064	SCHED	09/14/2020 23:32:48	2	99	297	323	065:18:28.80 N	096:28:28.79 W
Summer	LYG	6064	SCHED	09/14/2020 23:34:58	3	105	319	326	065:21:21.00 N	096:33:52.80 W
Summer	LYG	6064	SCHED	09/14/2020 23:37:03	4	91	249	277	065:24:22.80 N	096:38:56.40 W
Summer	LYG	6064	ARRIVAL	09/14/2020 23:38:53	1	0	162	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6064	XML_FLIGHT_SUMMARY	09/14/2020 23:38:54	0	0	0	0		
Summer	LYG	6065	POWER_ON	09/15/2020 11:35:04	NA	NA	NA	NA		
Summer	LYG	6065	SCHED	09/15/2020 11:35:52	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6065	DEPARTURE	09/15/2020 11:38:19	1	97	343	152	065:23:56.40 N	096:37:55.79 W
Summer	LYG	6065	SCHED	09/15/2020 11:40:29	2	116	433	156	065:20:28.80 N	096:33:11.99 W
Summer	LYG	6065	SCHED	09/15/2020 11:42:37	3	124	326	138	065:17:09.59 N	096:26:37.20 W
Summer	LYG	6065	SCHED	09/15/2020 11:44:43	4	0	133	241	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6065	ARRIVAL	09/15/2020 11:45:23	1	0	134	241	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6065	XML_FLIGHT_SUMMARY	09/15/2020 11:45:24	0	0	0	0		
Summer	LYG	6066	DEPARTURE	09/15/2020 11:49:35	2	63	199	313	065:15:48.00 N	096:24:26.39 W
Summer	LYG	6066	SCHED	09/15/2020 11:51:43	5	89	427	320	065:18:11.40 N	096:28:36.00 W
Summer	LYG	6066	SCHED	09/15/2020 11:53:54	6	90	488	327	065:20:43.19 N	096:33:06.59 W
Summer	LYG	6066	SCHED	09/15/2020 11:56:01	7	98	346	326	065:23:39.60 N	096:37:15.59 W
Summer	LYG	6066	SCHED	09/15/2020 11:58:13	8	0	157	288	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6066	ARRIVAL	09/15/2020 11:58:39	2	0	161	288	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6066	XML_FLIGHT_SUMMARY	09/15/2020 11:58:40	0	0	0	0		
Summer	LYG	6066	SCHED	09/15/2020 12:03:46	9	66	239	29	065:24:31.80 N	096:40:29.40 W
Summer	LYG	6067	DEPARTURE	09/15/2020 12:03:56	3	78	252	49	065:24:36.60 N	096:40:18.60 W
Summer	LYG	6067	SCHED	09/15/2020 12:08:09	10	117	560	144	065:18:50.39 N	096:28:26.40 W
Summer	LYG	6067	SCHED	09/15/2020 12:10:14	11	48	209	186	065:15:36.59 N	096:23:41.99 W
Summer	LYG	6067	SCHED	09/15/2020 12:12:20	12	49	214	310	065:15:41.40 N	096:24:10.80 W
Summer	LYG	6067	SCHED	09/15/2020 12:14:27	13	77	459	321	065:17:38.39 N	096:27:51.00 W
Summer	LYG	6067	SCHED	09/15/2020 12:16:36	14	85	562	314	065:19:39.00 N	096:32:19.20 W
Summer	LYG	6067	SCHED	09/15/2020 12:18:43	15	84	391	342	065:22:04.20 N	096:36:44.40 W
Summer	LYG	6067	SCHED	09/15/2020 12:21:27	16	21	216	278	065:24:28.80 N	096:40:45.60 W
Summer	LYG	6067	SCHED	09/15/2020 12:23:40	17	7	203	312	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6067	ARRIVAL	09/15/2020 12:25:14	3	0	159	302	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6067	XML_FLIGHT_SUMMARY	09/15/2020 12:25:15	0	0	0	0		
Summer	LYG	6068	POWER_ON	09/15/2020 12:47:48	NA	NA	NA	NA		
Summer	LYG	6068	SCHED	09/15/2020 12:48:42	1	29	184	7	065:24:21.60 N	096:40:37.80 W
Summer	LYG	6068	DEPARTURE	09/15/2020 12:49:10	1	84	205	50	065:24:38.40 N	096:40:19.79 W
Summer	LYG	6068	SCHED	09/15/2020 12:54:35	2	134	403	140	065:16:48.00 N	096:25:02.39 W
Summer	LYG	6068	ARRIVAL	09/15/2020 12:56:40	1	0	133	294	065:15:29.40 N	096:23:52.80 W
Summer	LYG	6068	XML_FLIGHT_SUMMARY	09/15/2020 12:56:41	0	0	0	0		
Summer	LYG	6069	DEPARTURE	09/15/2020 12:58:26	2	76	167	224	065:15:15.60 N	096:24:27.60 W
Summer	LYG	6069	ARRIVAL	09/15/2020 13:00:04	2	0	127	296	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6069	DEPARTURE	09/15/2020 13:01:24	3	84	171	88	065:15:10.19 N	096:25:00.00 W
Summer	LYG	6069	SCHED	09/15/2020 13:03:36	3	0	137	262	065:15:29.40 N	096:23:54.59 W
Summer	LYG	6069	SCHED	09/15/2020 13:05:43	4	0	168	235	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6069	SCHED	09/15/2020 13:07:51	5	22	203	284	065:14:55.80 N	096:25:09.59 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6069	SCHED	09/15/2020 13:09:56	6	0	131	172	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6069	ARRIVAL	09/15/2020 13:10:10	3	0	131	172	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6069	SCHED	09/15/2020 13:15:21	7	1	125	201	065:14:53.39 N	096:25:15.60 W
Summer	LYG	6069	SCHED	09/15/2020 13:20:33	8	23	183	315	065:14:59.39 N	096:25:22.80 W
Summer	LYG	6069	DEPARTURE	09/15/2020 13:20:48	4	58	214	110	065:15:07.80 N	096:25:03.59 W
Summer	LYG	6069	SCHED	09/15/2020 13:23:01	9	1	147	335	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6069	SCHED	09/15/2020 13:25:10	10	38	195	238	065:15:28.20 N	096:24:09.59 W
Summer	LYG	6069	SCHED	09/15/2020 13:27:16	11	95	212	65	065:15:11.99 N	096:24:27.60 W
Summer	LYG	6069	SCHED	09/15/2020 13:29:29	12	59	209	206	065:15:05.99 N	096:24:33.60 W
Summer	LYG	6069	SCHED	09/15/2020 13:31:40	13	1	153	44	065:14:54.00 N	096:25:17.39 W
Summer	LYG	6069	SCHED	09/15/2020 13:33:47	14	1	169	19	065:15:28.20 N	096:23:55.20 W
Summer	LYG	6069	SCHED	09/15/2020 13:35:53	15	10	177	303	065:14:52.80 N	096:25:15.60 W
Summer	LYG	6069	SCHED	09/15/2020 13:38:08	16	1	148	89	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6069	SCHED	09/15/2020 13:40:15	17	0	164	290	065:15:28.20 N	096:23:54.59 W
Summer	LYG	6069	SCHED	09/15/2020 13:42:27	18	3	168	100	065:15:35.40 N	096:23:53.99 W
Summer	LYG	6069	SCHED	09/15/2020 13:44:35	19	21	199	143	065:15:31.79 N	096:23:47.99 W
Summer	LYG	6069	SCHED	09/15/2020 13:46:45	20	1	241	228	065:14:50.39 N	096:25:06.00 W
Summer	LYG	6069	SCHED	09/15/2020 13:48:55	21	0	153	245	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6069	ARRIVAL	09/15/2020 13:50:36	4	0	119	338	065:14:54.00 N	096:25:18.60 W
Summer	LYG	6069	XML_FLIGHT_SUMMARY	09/15/2020 13:50:37	0	0	0	0		
Summer	LYG	6070	DEPARTURE	09/15/2020 13:52:40	5	88	178	51	065:15:07.19 N	096:24:31.19 W
Summer	LYG	6070	SCHED	09/15/2020 13:54:46	22	23	301	282	065:15:23.40 N	096:23:41.99 W
Summer	LYG	6070	ARRIVAL	09/15/2020 13:56:13	5	0	136	344	065:15:28.79 N	096:23:55.79 W
Summer	LYG	6070	DEPARTURE	09/15/2020 13:56:48	6	82	174	225	065:15:11.99 N	096:24:31.19 W
Summer	LYG	6070	ARRIVAL	09/15/2020 13:58:16	6	0	118	228	065:14:54.00 N	096:25:18.60 W
Summer	LYG	6070	DEPARTURE	09/15/2020 13:59:55	7	93	195	57	065:15:10.19 N	096:24:38.40 W
Summer	LYG	6070	SCHED	09/15/2020 14:02:00	23	89	184	206	065:15:08.99 N	096:24:38.99 W
Summer	LYG	6070	ARRIVAL	09/15/2020 14:03:50	7	0	117	20	065:14:53.39 N	096:25:16.19 W
Summer	LYG	6070	POWER_ON	09/15/2020 14:27:35	NA	NA	NA	NA		
Summer	LYG	6070	SCHED	09/15/2020 14:28:36	1	0	110	236	065:14:53.39 N	096:25:16.19 W
Summer	LYG	6070	DEPARTURE	09/15/2020 14:28:48	1	89	171	61	065:15:10.79 N	096:24:50.40 W
Summer	LYG	6070	ARRIVAL	09/15/2020 14:30:33	1	0	132	197	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6070	DEPARTURE	09/15/2020 14:31:42	2	72	199	332	065:15:50.39 N	096:24:30.00 W
Summer	LYG	6070	SCHED	09/15/2020 14:33:51	2	99	518	322	065:18:27.00 N	096:29:13.79 W
Summer	LYG	6070	SCHED	09/15/2020 14:36:00	3	106	498	331	065:21:28.19 N	096:34:21.00 W
Summer	LYG	6070	SCHED	09/15/2020 14:38:07	4	77	273	275	065:24:18.60 N	096:38:58.79 W
Summer	LYG	6070	ARRIVAL	09/15/2020 14:40:03	2	0	156	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6070	XML_FLIGHT_SUMMARY	09/15/2020 14:40:04	0	0	0	0		
Summer	LYG	6071	POWER_ON	09/15/2020 15:25:12	NA	NA	NA	NA		
Summer	LYG	6071	SCHED	09/15/2020 15:25:59	1	6	171	47	065:24:18.60 N	096:40:39.59 W
Summer	LYG	6071	DEPARTURE	09/15/2020 15:26:25	1	79	227	56	065:24:35.99 N	096:40:18.60 W
Summer	LYG	6071	SCHED	09/15/2020 15:28:35	2	111	474	146	065:21:48.59 N	096:35:00.00 W
Summer	LYG	6071	SCHED	09/15/2020 15:30:46	3	134	370	139	065:18:05.40 N	096:28:21.60 W
Summer	LYG	6071	SCHED	09/15/2020 15:33:03	4	0	130	237	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6071	ARRIVAL	09/15/2020 15:33:28	1	0	130	237	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6071	XML_FLIGHT_SUMMARY	09/15/2020 15:33:29	0	0	0	0		
Summer	LYG	6072	POWER_ON	09/15/2020 16:02:53	NA	NA	NA	NA		
Summer	LYG	6072	SCHED	09/15/2020 16:03:44	1	0	130	341	065:15:36.59 N	096:23:53.99 W
Summer	LYG	6072	SCHED	09/15/2020 16:08:52	2	4	154	272	065:14:52.80 N	096:25:15.60 W
Summer	LYG	6072	DEPARTURE	09/15/2020 16:11:53	1	96	159	53	065:15:08.40 N	096:24:39.59 W
Summer	LYG	6072	ARRIVAL	09/15/2020 16:13:31	1	0	130	182	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6072	DEPARTURE	09/15/2020 16:14:46	2	75	176	215	065:15:21.60 N	096:24:22.80 W
Summer	LYG	6072	ARRIVAL	09/15/2020 16:16:38	2	0	114	28	065:14:53.39 N	096:25:15.60 W
Summer	LYG	6072	DEPARTURE	09/15/2020 16:18:35	3	88	193	58	065:15:07.19 N	096:24:49.79 W
Summer	LYG	6072	SCHED	09/15/2020 16:20:43	3	42	197	236	065:14:53.39 N	096:25:06.00 W
Summer	LYG	6072	SCHED	09/15/2020 16:22:48	4	80	216	33	065:15:26.99 N	096:23:45.60 W
Summer	LYG	6072	SCHED	09/15/2020 16:25:01	5	60	211	212	065:15:17.40 N	096:24:26.39 W
Summer	LYG	6072	SCHED	09/15/2020 16:27:20	6	0	152	40	065:14:54.00 N	096:25:17.39 W
Summer	LYG	6072	SCHED	09/15/2020 16:29:32	7	68	201	210	065:15:16.19 N	096:24:26.99 W
Summer	LYG	6072	SCHED	09/15/2020 16:31:40	8	18	189	291	065:15:34.79 N	096:23:51.59 W
Summer	LYG	6072	SCHED	09/15/2020 16:33:47	9	5	158	299	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6072	SCHED	09/15/2020 16:35:56	10	32	185	219	065:15:32.39 N	096:24:00.60 W
Summer	LYG	6072	SCHED	09/15/2020 16:38:09	11	1	150	351	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6072	SCHED	09/15/2020 16:40:26	12	91	196	32	065:15:28.20 N	096:23:45.00 W
Summer	LYG	6072	SCHED	09/15/2020 16:42:45	13	4	151	313	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6072	SCHED	09/15/2020 16:44:53	14	50	206	222	065:15:26.99 N	096:24:12.60 W
Summer	LYG	6072	SCHED	09/15/2020 16:47:00	15	105	227	60	065:15:19.20 N	096:23:58.79 W
Summer	LYG	6072	SCHED	09/15/2020 16:49:09	16	187	220	220	065:15:34.20 N	096:23:55.79 W
Summer	LYG	6072	SCHED	09/15/2020 16:53:32	17	42	213	222	065:15:28.79 N	096:24:09.00 W
Summer	LYG	6072	SCHED	09/15/2020 16:55:40	18	102	215	70	065:15:08.99 N	096:24:38.40 W
Summer	LYG	6072	SCHED	09/15/2020 16:57:51	19	61	233	217	065:14:55.80 N	096:24:51.59 W
Summer	LYG	6072	SCHED	09/15/2020 16:59:58	20	100	219	69	065:15:10.19 N	096:24:40.20 W
Summer	LYG	6072	SCHED	09/15/2020 17:02:10	21	9	165	301	065:14:52.80 N	096:25:16.19 W
Summer	LYG	6072	SCHED	09/15/2020 17:04:19	22	1	169	232	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6072	SCHED	09/15/2020 17:06:34	23	39	223	215	065:15:16.19 N	096:24:28.19 W
Summer	LYG	6072	SCHED	09/15/2020 17:08:56	24	0	157	280	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6072	SCHED	09/15/2020 17:11:09	25	58	221	214	065:15:17.40 N	096:24:25.20 W
Summer	LYG	6072	SCHED	09/15/2020 17:13:17	26	1	157	1	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6072	SCHED	09/15/2020 17:15:26	27	1	177	230	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6072	SCHED	09/15/2020 17:17:46	28	2	151	201	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6072	SCHED	09/15/2020 17:20:10	29	21	192	229	065:15:34.20 N	096:23:58.79 W
Summer	LYG	6072	SCHED	09/15/2020 17:22:22	30	0	151	313	065:14:54.00 N	096:25:17.39 W
Summer	LYG	6072	SCHED	09/15/2020 17:24:27	31	6	177	283	065:15:35.40 N	096:23:58.79 W
Summer	LYG	6072	SCHED	09/15/2020 17:26:33	32	77	367	321	065:16:56.39 N	096:26:06.59 W
Summer	LYG	6072	SCHED	09/15/2020 17:28:46	33	73	445	317	065:18:54.60 N	096:30:25.79 W
Summer	LYG	6072	SCHED	09/15/2020 17:30:59	34	74	503	320	065:20:59.99 N	096:35:13.20 W
Summer	LYG	6072	SCHED	09/15/2020 17:33:05	35	84	430	342	065:23:37.19 N	096:37:58.79 W
Summer	LYG	6072	SCHED	09/15/2020 17:35:11	36	1	197	136	065:24:16.80 N	096:40:41.40 W
Summer	LYG	6072	ARRIVAL	09/15/2020 17:36:55	3	0	160	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6072	XML_FLIGHT_SUMMARY	09/15/2020 17:36:56	0	0	0	0		
Summer	LYG	6073	POWER_ON	09/15/2020 18:00:19	NA	NA	NA	NA		
Summer	LYG	6073	SCHED	09/15/2020 18:01:05	1	0	166	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6073	DEPARTURE	09/15/2020 18:02:34	1	100	256	83	065:24:17.39 N	096:39:40.80 W
Summer	LYG	6073	SCHED	09/15/2020 18:04:49	2	97	477	152	065:21:39.60 N	096:33:26.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6073	SCHED	09/15/2020 18:06:58	3	103	522	145	065:18:26.40 N	096:28:21.60 W
Summer	LYG	6073	SCHED	09/15/2020 18:09:08	4	27	218	233	065:15:35.40 N	096:23:46.20 W
Summer	LYG	6073	SCHED	09/15/2020 18:11:13	5	46	229	226	065:14:56.99 N	096:24:58.79 W
Summer	LYG	6073	SCHED	09/15/2020 18:13:18	6	11	182	274	065:15:34.79 N	096:23:53.99 W
Summer	LYG	6073	SCHED	09/15/2020 18:15:26	7	2	154	333	065:14:53.39 N	096:25:18.00 W
Summer	LYG	6073	SCHED	09/15/2020 18:17:38	8	57	212	215	065:15:23.99 N	096:24:21.00 W
Summer	LYG	6073	SCHED	09/15/2020 18:19:43	9	11	177	265	065:15:34.79 N	096:23:53.40 W
Summer	LYG	6073	SCHED	09/15/2020 18:21:57	10	41	211	219	065:14:58.19 N	096:24:52.19 W
Summer	LYG	6073	SCHED	09/15/2020 18:24:06	11	94	219	61	065:15:09.60 N	096:25:03.59 W
Summer	LYG	6073	SCHED	09/15/2020 18:26:18	12	49	211	215	065:15:19.79 N	096:24:25.80 W
Summer	LYG	6073	SCHED	09/15/2020 18:28:27	13	97	231	60	065:15:10.79 N	096:24:58.79 W
Summer	LYG	6073	SCHED	09/15/2020 18:30:44	14	56	223	217	065:15:13.80 N	096:24:30.60 W
Summer	LYG	6073	SCHED	09/15/2020 18:32:49	15	101	235	67	065:15:14.40 N	096:24:30.00 W
Summer	LYG	6073	SCHED	09/15/2020 18:34:58	16	35	258	209	065:15:13.19 N	096:24:37.19 W
Summer	LYG	6073	SCHED	09/15/2020 18:37:04	17	1	158	105	065:14:53.39 N	096:25:19.19 W
Summer	LYG	6073	SCHED	09/15/2020 18:39:09	18	5	179	219	065:15:34.79 N	096:23:54.59 W
Summer	LYG	6073	SCHED	09/15/2020 18:41:15	19	0	154	257	065:14:54.00 N	096:25:16.80 W
Summer	LYG	6073	SCHED	09/15/2020 18:43:25	20	36	193	224	065:15:32.39 N	096:24:03.00 W
Summer	LYG	6073	SCHED	09/15/2020 18:45:34	21	106	206	68	065:15:13.19 N	096:24:47.39 W
Summer	LYG	6073	SCHED	09/15/2020 18:47:43	22	57	198	216	065:15:25.79 N	096:24:16.19 W
Summer	LYG	6073	SCHED	09/15/2020 18:49:53	23	79	217	20	065:15:30.59 N	096:23:43.20 W
Summer	LYG	6073	SCHED	09/15/2020 18:52:02	24	45	206	213	065:15:01.80 N	096:24:47.99 W
Summer	LYG	6073	SCHED	09/15/2020 18:54:10	25	91	199	49	065:15:06.60 N	096:25:08.39 W
Summer	LYG	6073	SCHED	09/15/2020 18:56:17	26	55	205	205	065:15:10.19 N	096:24:37.80 W
Summer	LYG	6073	SCHED	09/15/2020 18:58:25	27	99	198	49	065:15:25.20 N	096:23:53.99 W
Summer	LYG	6073	SCHED	09/15/2020 19:00:30	28	53	217	220	065:14:56.39 N	096:24:56.39 W
Summer	LYG	6073	SCHED	09/15/2020 19:02:37	29	81	205	49	065:15:03.60 N	096:25:01.20 W
Summer	LYG	6073	SCHED	09/15/2020 19:04:43	30	53	264	198	065:15:15.60 N	096:24:28.19 W
Summer	LYG	6073	SCHED	09/15/2020 19:06:52	31	1	153	48	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6073	SCHED	09/15/2020 19:09:00	32	97	178	33	065:15:31.20 N	096:23:41.40 W
Summer	LYG	6073	ARRIVAL	09/15/2020 19:10:35	1	0	134	214	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6073	XML_FLIGHT_SUMMARY	09/15/2020 19:10:36	0	0	0	0		
Summer	LYG	6074	DEPARTURE	09/15/2020 19:11:40	2	67	167	218	065:15:20.99 N	096:24:21.00 W
Summer	LYG	6074	ARRIVAL	09/15/2020 19:13:44	2	0	116	306	065:14:53.39 N	096:25:15.60 W
Summer	LYG	6074	SCHED	09/15/2020 19:18:52	33	1	159	182	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6074	DEPARTURE	09/15/2020 19:19:59	3	104	190	67	065:15:10.79 N	096:24:37.19 W
Summer	LYG	6074	SCHED	09/15/2020 19:22:05	34	82	161	206	065:15:04.79 N	096:24:41.99 W
Summer	LYG	6074	ARRIVAL	09/15/2020 19:23:45	3	0	117	32	065:14:53.39 N	096:25:16.19 W
Summer	LYG	6074	DEPARTURE	09/15/2020 19:24:26	4	101	156	39	065:15:10.19 N	096:24:31.19 W
Summer	LYG	6074	ARRIVAL	09/15/2020 19:26:19	4	0	133	260	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6074	DEPARTURE	09/15/2020 19:29:36	5	71	238	331	065:15:49.19 N	096:24:23.99 W
Summer	LYG	6074	SCHED	09/15/2020 19:31:41	35	85	342	317	065:18:21.59 N	096:28:04.79 W
Summer	LYG	6074	SCHED	09/15/2020 19:33:48	36	83	372	308	065:20:22.80 N	096:33:00.00 W
Summer	LYG	6074	SCHED	09/15/2020 19:36:10	37	106	323	349	065:23:06.00 N	096:36:33.00 W
Summer	LYG	6074	SCHED	09/15/2020 19:38:16	38	1	195	257	065:24:29.40 N	096:40:50.40 W
Summer	LYG	6074	SCHED	09/15/2020 19:40:27	39	85	378	127	065:23:53.99 N	096:36:29.39 W
Summer	LYG	6074	SCHED	09/15/2020 19:42:34	40	91	415	160	065:20:56.40 N	096:33:36.00 W
Summer	LYG	6074	SCHED	09/15/2020 19:44:40	41	98	423	144	065:18:18.00 N	096:29:25.80 W
Summer	LYG	6074	SCHED	09/15/2020 19:46:47	42	75	238	167	065:15:43.80 N	096:23:43.20 W
Summer	LYG	6074	SCHED	09/15/2020 19:48:56	43	6	160	313	065:14:53.39 N	096:25:16.19 W
Summer	LYG	6074	SCHED	09/15/2020 19:51:03	44	15	193	327	065:15:36.00 N	096:23:55.20 W
Summer	LYG	6074	SCHED	09/15/2020 19:53:09	45	85	414	316	065:17:53.39 N	096:27:40.79 W
Summer	LYG	6074	SCHED	09/15/2020 19:55:21	46	95	363	323	065:20:25.20 N	096:32:37.19 W
Summer	LYG	6074	SCHED	09/15/2020 19:57:36	47	92	268	334	065:23:40.19 N	096:36:12.60 W
Summer	LYG	6074	SCHED	09/15/2020 19:59:41	48	2	198	318	065:24:17.39 N	096:40:41.40 W
Summer	LYG	6074	SCHED	09/15/2020 20:01:53	49	96	289	142	065:23:55.79 N	096:38:19.19 W
Summer	LYG	6074	SCHED	09/15/2020 20:04:02	50	107	296	151	065:20:42.60 N	096:33:33.00 W
Summer	LYG	6074	SCHED	09/15/2020 20:06:11	51	114	416	146	065:17:20.40 N	096:28:14.40 W
Summer	LYG	6074	SCHED	09/15/2020 20:08:22	52	0	136	232	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6074	ARRIVAL	09/15/2020 20:08:52	5	0	135	232	065:15:36.00 N	096:23:53.99 W
Summer	LYG	6074	XML_FLIGHT_SUMMARY	09/15/2020 20:08:53	0	0	0	0		
Summer	LYG	6075	DEPARTURE	09/15/2020 20:11:49	6	85	224	335	065:15:52.19 N	096:24:28.19 W
Summer	LYG	6075	SCHED	09/15/2020 20:13:57	53	119	311	328	065:18:57.60 N	096:29:44.39 W
Summer	LYG	6075	SCHED	09/15/2020 20:16:07	54	121	299	338	065:22:02.39 N	096:35:37.19 W
Summer	LYG	6075	SCHED	09/15/2020 20:18:12	55	30	179	276	065:24:18.00 N	096:40:36.59 W
Summer	LYG	6075	ARRIVAL	09/15/2020 20:19:17	6	0	168	351	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6075	XML_FLIGHT_SUMMARY	09/15/2020 20:19:18	0	0	0	0		
Summer	LYG	6076	POWER_ON	09/15/2020 21:19:47	NA	NA	NA	NA		
Summer	LYG	6076	SCHED	09/15/2020 21:24:21	1	100	345	151	065:23:40.79 N	096:36:13.79 W
Summer	LYG	6076	DEPARTURE	09/15/2020 21:24:25	1	61	238	24	065:24:34.79 N	096:40:33.60 W
Summer	LYG	6076	SCHED	09/15/2020 21:26:32	2	111	436	133	065:20:10.20 N	096:31:00.60 W
Summer	LYG	6076	SCHED	09/15/2020 21:28:39	3	109	384	162	065:17:07.80 N	096:25:40.80 W
Summer	LYG	6076	SCHED	09/15/2020 21:30:51	4	1	152	7	065:14:53.39 N	096:25:19.19 W
Summer	LYG	6076	SCHED	09/15/2020 21:32:57	5	64	310	4	065:15:39.00 N	096:25:11.99 W
Summer	LYG	6076	SCHED	09/15/2020 21:35:04	6	71	464	321	065:17:30.00 N	096:28:15.60 W
Summer	LYG	6076	SCHED	09/15/2020 21:37:11	7	75	530	325	065:19:27.59 N	096:32:01.79 W
Summer	LYG	6076	SCHED	09/15/2020 21:39:21	8	72	410	323	065:21:22.80 N	096:36:02.39 W
Summer	LYG	6076	SCHED	09/15/2020 21:41:27	9	73	402	337	065:23:49.20 N	096:37:50.40 W
Summer	LYG	6076	SCHED	09/15/2020 21:43:36	10	1	195	249	065:24:16.80 N	096:40:41.99 W
Summer	LYG	6076	SCHED	09/15/2020 21:46:01	11	87	424	171	065:23:25.80 N	096:38:01.79 W
Summer	LYG	6076	SCHED	09/15/2020 21:48:10	12	103	496	138	065:20:00.60 N	096:33:42.60 W
Summer	LYG	6076	SCHED	09/15/2020 21:50:20	13	99	452	147	065:17:04.19 N	096:28:07.80 W
Summer	LYG	6076	SCHED	09/15/2020 21:53:17	14	0	153	123	065:14:54.00 N	096:25:18.00 W
Summer	LYG	6076	SCHED	09/15/2020 21:56:05	15	67	442	324	065:16:56.99 N	096:27:49.19 W
Summer	LYG	6076	SCHED	09/15/2020 21:58:21	16	71	489	321	065:19:00.60 N	096:31:33.59 W
Summer	LYG	6076	SCHED	09/15/2020 22:00:30	17	72	405	308	065:21:09.00 N	096:35:33.60 W
Summer	LYG	6076	SCHED	09/15/2020 22:02:41	18	72	399	334	065:23:35.40 N	096:37:43.79 W
Summer	LYG	6076	SCHED	09/15/2020 22:04:47	19	2	204	338	065:24:18.00 N	096:40:41.40 W
Summer	LYG	6076	ARRIVAL	09/15/2020 22:06:45	1	0	164	269	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6076	XML_FLIGHT_SUMMARY	09/15/2020 22:06:46	0	0	0	0		
Summer	LYG	6077	POWER_ON	09/15/2020 23:08:01	NA	NA	NA	NA		
Summer	LYG	6077	SCHED	09/15/2020 23:09:39	1	77	221	50	065:24:34.79 N	096:40:18.00 W
Summer	LYG	6077	DEPARTURE	09/15/2020 23:09:48	1	77	221	50	065:24:34.79 N	096:40:18.00 W
Summer	LYG	6077	SCHED	09/15/2020 23:11:54	2	125	453	150	065:20:56.40 N	096:33:44.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6077	SCHED	09/15/2020 23:14:00	3	127	433	144	065:17:12.60 N	096:28:11.39 W
Summer	LYG	6077	SCHED	09/15/2020 23:16:42	4	0	119	9	065:14:54.00 N	096:25:19.79 W
Summer	LYG	6077	ARRIVAL	09/15/2020 23:17:08	1	0	115	9	065:14:54.00 N	096:25:19.79 W
Summer	LYG	6077	XML_FLIGHT_SUMMARY	09/15/2020 23:17:09	0	0	0	0		
Summer	LYG	6077	SCHED	09/15/2020 23:22:13	5	0	112	9	065:14:54.00 N	096:25:20.39 W
Summer	LYG	6077	SCHED	09/15/2020 23:27:20	6	0	119	9	065:14:54.00 N	096:25:20.39 W
Summer	LYG	6078	DEPARTURE	09/15/2020 23:27:49	2	65	182	343	065:15:08.99 N	096:25:41.99 W
Summer	LYG	6078	SCHED	09/15/2020 23:30:50	7	102	400	329	065:18:26.40 N	096:30:15.60 W
Summer	LYG	6078	SCHED	09/15/2020 23:32:55	8	101	342	338	065:22:21.59 N	096:33:43.20 W
Summer	LYG	6078	SCHED	09/15/2020 23:35:02	9	101	242	252	065:24:31.19 N	096:39:23.39 W
Summer	LYG	6078	ARRIVAL	09/15/2020 23:36:33	2	0	163	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6078	XML_FLIGHT_SUMMARY	09/15/2020 23:36:34	0	0	0	0		
Summer	LYG	6079	POWER_ON	09/16/2020 11:41:59	NA	NA	NA	NA		
Summer	LYG	6079	SCHED	09/16/2020 11:42:57	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6079	DEPARTURE	09/16/2020 11:46:24	1	121	163	155	065:21:12.00 N	096:36:06.59 W
Summer	LYG	6079	SCHED	09/16/2020 11:48:33	2	130	264	147	065:17:31.19 N	096:30:19.20 W
Summer	LYG	6079	SCHED	09/16/2020 11:50:39	3	20	121	311	065:14:51.59 N	096:25:16.19 W
Summer	LYG	6079	ARRIVAL	09/16/2020 11:52:34	1	0	118	27	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6079	XML_FLIGHT_SUMMARY	09/16/2020 11:52:35	0	0	0	0		
Summer	LYG	6079	SCHED	09/16/2020 11:57:43	4	0	121	353	065:14:54.60 N	096:25:19.19 W
Summer	LYG	6079	SCHED	09/16/2020 12:02:50	5	0	118	353	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6080	DEPARTURE	09/16/2020 12:04:41	2	55	175	321	065:15:10.19 N	096:25:32.39 W
Summer	LYG	6080	SCHED	09/16/2020 12:06:47	6	79	238	319	065:17:17.99 N	096:28:39.00 W
Summer	LYG	6080	SCHED	09/16/2020 12:08:53	7	80	269	327	065:19:37.19 N	096:32:03.60 W
Summer	LYG	6080	SCHED	09/16/2020 12:11:01	8	84	241	340	065:21:58.79 N	096:36:00.60 W
Summer	LYG	6080	SCHED	09/16/2020 12:13:16	9	101	235	261	065:24:20.99 N	096:39:26.39 W
Summer	LYG	6080	ARRIVAL	09/16/2020 12:16:19	2	0	160	292	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6080	XML_FLIGHT_SUMMARY	09/16/2020 12:16:20	0	0	0	0		
Summer	LYG	6081	DEPARTURE	09/16/2020 12:18:03	3	64	219	48	065:24:33.60 N	096:40:18.60 W
Summer	LYG	6081	SCHED	09/16/2020 12:20:14	10	128	294	159	065:20:56.40 N	096:37:03.00 W
Summer	LYG	6081	SCHED	09/16/2020 12:22:20	11	121	321	139	065:17:27.60 N	096:30:44.39 W
Summer	LYG	6081	SCHED	09/16/2020 12:24:26	12	5	143	7	065:14:53.39 N	096:25:16.19 W
Summer	LYG	6081	SCHED	09/16/2020 12:26:34	13	41	186	359	065:15:04.19 N	096:25:19.19 W
Summer	LYG	6081	SCHED	09/16/2020 12:28:48	14	58	342	321	065:16:49.19 N	096:27:20.40 W
Summer	LYG	6081	SCHED	09/16/2020 12:31:03	15	67	310	329	065:18:51.60 N	096:30:39.00 W
Summer	LYG	6081	SCHED	09/16/2020 12:33:09	16	77	288	314	065:20:50.99 N	096:34:27.60 W
Summer	LYG	6081	SCHED	09/16/2020 12:35:19	17	68	248	342	065:23:03.59 N	096:36:28.80 W
Summer	LYG	6081	SCHED	09/16/2020 12:37:29	18	18	196	306	065:24:15.59 N	096:40:38.40 W
Summer	LYG	6081	SCHED	09/16/2020 12:39:41	19	88	229	114	065:24:34.19 N	096:39:31.19 W
Summer	LYG	6081	SCHED	09/16/2020 12:41:57	20	111	262	150	065:20:43.80 N	096:36:37.19 W
Summer	LYG	6081	SCHED	09/16/2020 12:44:06	21	115	411	148	065:17:30.00 N	096:31:03.60 W
Summer	LYG	6081	SCHED	09/16/2020 12:46:24	22	97	229	151	065:15:05.39 N	096:24:39.59 W
Summer	LYG	6081	SCHED	09/16/2020 12:48:31	23	26	162	338	065:14:56.39 N	096:25:21.60 W
Summer	LYG	6081	SCHED	09/16/2020 12:50:43	24	59	317	324	065:16:28.79 N	096:27:49.79 W
Summer	LYG	6081	SCHED	09/16/2020 12:52:50	25	63	338	323	065:18:23.39 N	096:30:09.59 W
Summer	LYG	6081	SCHED	09/16/2020 12:55:03	26	64	428	323	065:20:11.40 N	096:33:09.59 W
Summer	LYG	6081	SCHED	09/16/2020 12:57:09	27	53	398	0	065:21:56.99 N	096:36:24.59 W
Summer	LYG	6081	SCHED	09/16/2020 12:59:14	28	63	374	330	065:23:56.40 N	096:37:29.39 W
Summer	LYG	6081	SCHED	09/16/2020 13:01:20	29	4	185	50	065:24:17.39 N	096:40:41.40 W
Summer	LYG	6081	ARRIVAL	09/16/2020 13:02:49	3	0	167	260	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6081	XML_FLIGHT_SUMMARY	09/16/2020 13:02:50	0	0	0	0		
Summer	LYG	6082	POWER_ON	09/16/2020 13:36:51	NA	NA	NA	NA		
Summer	LYG	6082	SCHED	09/16/2020 13:37:49	1	0	171	86	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6082	DEPARTURE	09/16/2020 13:38:43	1	66	198	47	065:24:34.79 N	096:40:23.39 W
Summer	LYG	6082	SCHED	09/16/2020 13:40:50	2	137	417	148	065:20:58.20 N	096:34:39.60 W
Summer	LYG	6082	SCHED	09/16/2020 13:42:56	3	137	367	136	065:17:01.80 N	096:28:12.60 W
Summer	LYG	6082	SCHED	09/16/2020 13:45:04	4	0	137	26	065:15:34.20 N	096:23:54.59 W
Summer	LYG	6082	ARRIVAL	09/16/2020 13:45:37	1	0	137	26	065:15:34.20 N	096:23:54.59 W
Summer	LYG	6082	XML_FLIGHT_SUMMARY	09/16/2020 13:45:38	0	0	0	0		
Summer	LYG	6083	DEPARTURE	09/16/2020 13:46:46	2	106	187	202	065:15:28.20 N	096:24:35.99 W
Summer	LYG	6083	ARRIVAL	09/16/2020 13:48:23	2	0	128	320	065:14:58.19 N	096:25:15.00 W
Summer	LYG	6083	DEPARTURE	09/16/2020 13:49:13	3	70	160	51	065:15:10.19 N	096:24:36.60 W
Summer	LYG	6083	SCHED	09/16/2020 13:51:20	5	36	176	298	065:15:39.00 N	096:24:00.60 W
Summer	LYG	6083	SCHED	09/16/2020 13:53:33	6	0	149	79	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6083	SCHED	09/16/2020 13:55:40	7	3	154	182	065:15:35.40 N	096:23:54.59 W
Summer	LYG	6083	SCHED	09/16/2020 13:57:50	8	81	205	205	065:15:04.19 N	096:24:43.20 W
Summer	LYG	6083	SCHED	09/16/2020 13:59:59	9	4	159	32	065:15:35.40 N	096:23:53.99 W
Summer	LYG	6083	SCHED	09/16/2020 14:02:14	10	2	154	351	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6083	SCHED	09/16/2020 14:04:20	11	58	189	32	065:15:24.59 N	096:24:09.59 W
Summer	LYG	6083	SCHED	09/16/2020 14:06:25	12	85	211	187	065:15:16.19 N	096:24:34.19 W
Summer	LYG	6083	SCHED	09/16/2020 14:08:31	13	0	151	169	065:14:58.19 N	096:25:18.60 W
Summer	LYG	6083	SCHED	09/16/2020 14:10:40	14	70	202	245	065:15:37.79 N	096:24:16.80 W
Summer	LYG	6083	SCHED	09/16/2020 14:12:59	15	5	139	132	065:14:58.80 N	096:25:18.00 W
Summer	LYG	6083	ARRIVAL	09/16/2020 14:14:58	3	0	138	358	065:15:34.79 N	096:23:54.59 W
Summer	LYG	6083	XML_FLIGHT_SUMMARY	09/16/2020 14:14:59	0	0	0	0		
Summer	LYG	6084	DEPARTURE	09/16/2020 14:15:42	4	102	200	202	065:15:26.99 N	096:24:35.99 W
Summer	LYG	6084	SCHED	09/16/2020 14:17:50	16	0	125	334	065:14:58.19 N	096:25:17.39 W
Summer	LYG	6084	ARRIVAL	09/16/2020 14:18:06	4	0	126	334	065:14:58.19 N	096:25:17.39 W
Summer	LYG	6084	POWER_ON	09/16/2020 14:46:16	NA	NA	NA	NA		
Summer	LYG	6084	SCHED	09/16/2020 14:47:05	1	0	129	0	065:14:58.80 N	096:25:17.39 W
Summer	LYG	6084	DEPARTURE	09/16/2020 14:47:32	1	64	186	320	065:15:13.80 N	096:25:42.60 W
Summer	LYG	6084	SCHED	09/16/2020 14:49:37	2	87	404	325	065:17:32.39 N	096:29:25.80 W
Summer	LYG	6084	SCHED	09/16/2020 14:51:43	3	87	369	322	065:20:05.40 N	096:33:43.80 W
Summer	LYG	6084	SCHED	09/16/2020 14:53:52	4	86	375	357	065:22:45.00 N	096:36:40.20 W
Summer	LYG	6084	SCHED	09/16/2020 14:55:59	5	4	160	300	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6084	ARRIVAL	09/16/2020 14:57:00	1	0	163	318	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6084	XML_FLIGHT_SUMMARY	09/16/2020 14:57:01	0	0	0	0		
Summer	LYG	6085	DEPARTURE	09/16/2020 15:01:39	2	72	217	58	065:24:34.19 N	096:40:17.39 W
Summer	LYG	6085	SCHED	09/16/2020 15:03:44	6	134	395	148	065:20:56.40 N	096:34:25.80 W
Summer	LYG	6085	SCHED	09/16/2020 15:05:51	7	136	405	152	065:16:58.80 N	096:28:43.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6085	SCHED	09/16/2020 15:07:57	8	128	427	148	065:13:00.00 N	096:22:57.60 W
Summer	LYG	6085	SCHED	09/16/2020 15:10:06	9	135	443	163	065:09:03.00 N	096:17:28.20 W
Summer	LYG	6085	SCHED	09/16/2020 15:12:13	10	127	433	133	065:04:39.00 N	096:12:39.59 W
Summer	LYG	6085	SCHED	09/16/2020 15:14:18	11	101	267	132	065:01:47.39 N	096:04:56.40 W
Summer	LYG	6085	ARRIVAL	09/16/2020 15:16:21	2	0	140	233	065:01:27.00 N	096:04:18.59 W
Summer	LYG	6085	XML_FLIGHT_SUMMARY	09/16/2020 15:16:22	0	0	0	0		
Summer	LYG	6086	POWER_ON	09/16/2020 15:40:44	NA	NA	NA	NA		
Summer	LYG	6086	SCHED	09/16/2020 15:43:08	1	62	163	315	065:01:39.00 N	096:04:41.99 W
Summer	LYG	6086	DEPARTURE	09/16/2020 15:43:14	1	64	170	313	065:01:40.80 N	096:04:47.40 W
Summer	LYG	6086	SCHED	09/16/2020 15:45:24	2	74	403	327	065:04:16.20 N	096:09:18.00 W
Summer	LYG	6086	SCHED	09/16/2020 15:47:29	3	83	394	332	065:06:40.19 N	096:12:48.00 W
Summer	LYG	6086	SCHED	09/16/2020 15:49:34	4	84	391	326	065:09:05.40 N	096:16:00.00 W
Summer	LYG	6086	SCHED	09/16/2020 15:51:46	5	88	346	323	065:11:34.20 N	096:19:44.39 W
Summer	LYG	6086	SCHED	09/16/2020 15:53:54	6	86	351	334	065:14:08.39 N	096:23:35.99 W
Summer	LYG	6086	SCHED	09/16/2020 15:55:59	7	75	328	338	065:15:50.39 N	096:24:04.19 W
Summer	LYG	6086	SCHED	09/16/2020 15:58:05	8	91	435	316	065:18:05.40 N	096:28:11.99 W
Summer	LYG	6086	SCHED	09/16/2020 16:00:17	9	83	428	326	065:20:25.80 N	096:32:44.39 W
Summer	LYG	6086	SCHED	09/16/2020 16:02:24	10	86	397	324	065:23:08.39 N	096:36:49.19 W
Summer	LYG	6086	SCHED	09/16/2020 16:04:29	11	121	363	246	065:24:46.20 N	096:42:51.59 W
Summer	LYG	6086	SCHED	09/16/2020 16:06:35	12	83	267	302	065:24:18.00 N	096:39:23.99 W
Summer	LYG	6086	ARRIVAL	09/16/2020 16:08:19	1	0	166	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6086	XML_FLIGHT_SUMMARY	09/16/2020 16:08:20	0	0	0	0		
Summer	LYG	6087	POWER_ON	09/16/2020 21:20:26	NA	NA	NA	NA		
Summer	LYG	6087	SCHED	09/16/2020 21:22:40	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6087	DEPARTURE	09/16/2020 21:26:00	1	117	382	167	065:21:52.80 N	096:37:16.80 W
Summer	LYG	6087	SCHED	09/16/2020 21:29:45	2	115	366	136	065:16:38.39 N	096:29:15.60 W
Summer	LYG	6087	SCHED	09/16/2020 21:31:51	3	0	137	30	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6087	ARRIVAL	09/16/2020 21:34:02	1	0	118	122	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6087	XML_FLIGHT_SUMMARY	09/16/2020 21:34:03	0	0	0	0		
Summer	LYG	6088	DEPARTURE	09/16/2020 21:36:12	2	54	212	342	065:15:10.19 N	096:25:26.99 W
Summer	LYG	6088	SCHED	09/16/2020 21:38:20	4	77	398	331	065:17:14.40 N	096:28:10.20 W
Summer	LYG	6088	SCHED	09/16/2020 21:40:25	5	83	392	319	065:19:31.19 N	096:31:55.20 W
Summer	LYG	6088	SCHED	09/16/2020 21:42:32	6	80	322	350	065:21:41.99 N	096:36:17.39 W
Summer	LYG	6088	SCHED	09/16/2020 21:44:40	7	76	335	329	065:24:01.19 N	096:37:55.20 W
Summer	LYG	6088	SCHED	09/16/2020 21:46:45	8	0	176	53	065:24:32.40 N	096:40:57.00 W
Summer	LYG	6088	SCHED	09/16/2020 21:48:59	9	104	289	158	065:23:53.40 N	096:38:01.79 W
Summer	LYG	6088	SCHED	09/16/2020 21:51:07	10	112	316	147	065:20:04.20 N	096:34:48.00 W
Summer	LYG	6088	SCHED	09/16/2020 21:53:13	11	108	443	129	065:17:19.20 N	096:28:48.00 W
Summer	LYG	6088	SCHED	09/16/2020 21:55:24	12	11	153	345	065:14:52.80 N	096:25:15.60 W
Summer	LYG	6088	SCHED	09/16/2020 21:59:07	13	78	409	339	065:17:27.00 N	096:28:03.00 W
Summer	LYG	6088	SCHED	09/16/2020 22:01:16	14	73	307	314	065:20:18.59 N	096:32:21.59 W
Summer	LYG	6088	SCHED	09/16/2020 22:03:22	15	81	485	334	065:22:30.60 N	096:36:22.19 W
Summer	LYG	6088	SCHED	09/16/2020 22:05:34	16	40	241	266	065:24:16.80 N	096:40:30.00 W
Summer	LYG	6088	ARRIVAL	09/16/2020 22:07:14	2	0	166	356	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6088	XML_FLIGHT_SUMMARY	09/16/2020 22:07:15	0	0	0	0		
Summer	LYG	6089	POWER_ON	09/16/2020 22:45:34	NA	NA	NA	NA		
Summer	LYG	6089	SCHED	09/16/2020 22:46:29	1	0	167	258	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6089	DEPARTURE	09/16/2020 22:48:24	1	74	211	54	065:24:34.79 N	096:40:18.00 W
Summer	LYG	6089	SCHED	09/16/2020 22:50:30	2	129	488	144	065:18:42.60 N	096:31:08.99 W
Summer	LYG	6089	SCHED	09/16/2020 22:52:39	3	115	204	174	065:15:04.79 N	096:24:30.00 W
Summer	LYG	6089	ARRIVAL	09/16/2020 22:54:23	1	0	118	101	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6089	XML_FLIGHT_SUMMARY	09/16/2020 22:54:24	0	0	0	0		
Summer	LYG	6089	SCHED	09/16/2020 22:59:29	4	0	120	101	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6090	DEPARTURE	09/16/2020 23:04:40	2	70	195	335	065:15:12.60 N	096:25:33.60 W
Summer	LYG	6090	SCHED	09/16/2020 23:06:55	5	89	510	328	065:17:55.19 N	096:30:23.99 W
Summer	LYG	6090	SCHED	09/16/2020 23:09:04	6	96	514	331	065:20:45.00 N	096:34:46.79 W
Summer	LYG	6090	SCHED	09/16/2020 23:11:15	7	104	367	341	065:24:03.00 N	096:37:43.79 W
Summer	LYG	6090	ARRIVAL	09/16/2020 23:13:15	2	0	166	290	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6090	XML_FLIGHT_SUMMARY	09/16/2020 23:13:16	0	0	0	0		
Summer	LYG	6091	POWER_ON	09/17/2020 11:37:03	NA	NA	NA	NA		
Summer	LYG	6091	SCHED	09/17/2020 11:39:18	1	2	168	92	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6091	DEPARTURE	09/17/2020 11:39:34	1	75	180	51	065:24:35.40 N	096:40:21.00 W
Summer	LYG	6091	SCHED	09/17/2020 11:41:46	2	106	230	180	065:21:40.19 N	096:36:20.40 W
Summer	LYG	6091	SCHED	09/17/2020 11:43:52	3	116	251	152	065:18:13.20 N	096:30:55.80 W
Summer	LYG	6091	SCHED	09/17/2020 11:45:58	4	99	209	143	065:15:10.19 N	096:24:57.00 W
Summer	LYG	6091	SCHED	09/17/2020 11:48:04	5	0	116	73	065:14:54.60 N	096:25:19.19 W
Summer	LYG	6091	ARRIVAL	09/17/2020 11:48:13	1	0	116	73	065:14:54.60 N	096:25:19.19 W
Summer	LYG	6091	XML_FLIGHT_SUMMARY	09/17/2020 11:48:14	0	0	0	0		
Summer	LYG	6091	SCHED	09/17/2020 11:53:25	6	0	116	73	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6092	DEPARTURE	09/17/2020 11:54:03	2	64	175	330	065:15:05.39 N	096:25:53.40 W
Summer	LYG	6092	SCHED	09/17/2020 11:56:10	7	90	263	328	065:17:36.59 N	096:29:35.40 W
Summer	LYG	6092	SCHED	09/17/2020 11:58:18	8	86	246	329	065:20:21.00 N	096:33:30.00 W
Summer	LYG	6092	SCHED	09/17/2020 12:00:25	9	87	271	341	065:23:09.59 N	096:36:28.80 W
Summer	LYG	6092	SCHED	09/17/2020 12:02:37	10	13	164	287	065:24:18.00 N	096:40:38.40 W
Summer	LYG	6092	ARRIVAL	09/17/2020 12:03:39	2	0	161	308	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6092	XML_FLIGHT_SUMMARY	09/17/2020 12:03:40	0	0	0	0		
Summer	LYG	6093	POWER_ON	09/17/2020 12:20:41	NA	NA	NA	NA		
Summer	LYG	6093	SCHED	09/17/2020 12:21:39	1	0	160	320	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6093	POWER_ON	09/17/2020 13:30:51	NA	NA	NA	NA		
Summer	LYG	6093	SCHED	09/17/2020 13:31:47	1	0	155	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6093	DEPARTURE	09/17/2020 13:32:29	1	72	198	49	065:24:35.99 N	096:40:20.39 W
Summer	LYG	6093	SCHED	09/17/2020 13:34:35	2	122	350	149	065:21:40.80 N	096:34:22.79 W
Summer	LYG	6093	SCHED	09/17/2020 13:36:49	3	127	314	148	065:18:00.60 N	096:28:05.40 W
Summer	LYG	6093	SCHED	09/17/2020 13:38:56	4	112	327	153	065:14:08.39 N	096:23:13.20 W
Summer	LYG	6093	SCHED	09/17/2020 13:41:08	5	121	341	149	065:10:32.99 N	096:18:05.40 W
Summer	LYG	6093	SCHED	09/17/2020 13:43:18	6	131	388	182	065:06:16.79 N	096:14:45.59 W
Summer	LYG	6093	SCHED	09/17/2020 13:45:25	7	121	320	113	065:02:56.40 N	096:08:50.40 W
Summer	LYG	6093	SCHED	09/17/2020 13:47:32	8	2	139	219	065:01:27.00 N	096:04:18.00 W
Summer	LYG	6093	ARRIVAL	09/17/2020 13:48:22	1	0	138	194	065:01:27.00 N	096:04:18.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6093	XML_FLIGHT_SUMMARY	09/17/2020 13:48:23	0	0	0	0		
Summer	LYG	6094	DEPARTURE	09/17/2020 13:50:30	2	66	176	318	065:01:40.80 N	096:04:49.79 W
Summer	LYG	6094	SCHED	09/17/2020 13:52:40	9	86	375	330	065:03:56.99 N	096:08:35.40 W
Summer	LYG	6094	SCHED	09/17/2020 13:54:47	10	89	386	330	065:06:46.79 N	096:12:14.39 W
Summer	LYG	6094	SCHED	09/17/2020 13:56:58	11	78	382	335	065:09:19.19 N	096:15:55.80 W
Summer	LYG	6094	SCHED	09/17/2020 13:59:08	12	87	332	336	065:12:15.60 N	096:19:00.00 W
Summer	LYG	6094	SCHED	09/17/2020 14:01:19	13	91	261	318	065:14:48.59 N	096:23:55.79 W
Summer	LYG	6094	SCHED	09/17/2020 14:03:39	14	91	388	328	065:17:34.80 N	096:27:31.79 W
Summer	LYG	6094	SCHED	09/17/2020 14:05:54	15	86	338	320	065:20:23.39 N	096:32:36.00 W
Summer	LYG	6094	SCHED	09/17/2020 14:08:01	16	94	295	338	065:23:09.59 N	096:36:34.19 W
Summer	LYG	6094	SCHED	09/17/2020 14:10:06	17	0	160	329	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6094	ARRIVAL	09/17/2020 14:10:46	2	0	162	329	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6094	XML_FLIGHT_SUMMARY	09/17/2020 14:10:47	0	0	0	0		
Summer	LYG	6095	POWER_ON	09/17/2020 16:39:41	NA	NA	NA	NA		
Summer	LYG	6095	SCHED	09/17/2020 16:41:17	1	1	178	6	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6095	DEPARTURE	09/17/2020 16:41:36	1	76	215	57	065:24:34.19 N	096:40:16.80 W
Summer	LYG	6095	SCHED	09/17/2020 16:43:44	2	118	266	147	065:21:25.20 N	096:36:37.80 W
Summer	LYG	6095	SCHED	09/17/2020 16:45:52	3	114	303	144	065:18:05.40 N	096:30:52.19 W
Summer	LYG	6095	SCHED	09/17/2020 16:48:02	4	80	196	166	065:15:08.99 N	096:24:42.60 W
Summer	LYG	6095	SCHED	09/17/2020 16:50:13	5	61	200	323	065:15:09.60 N	096:25:38.40 W
Summer	LYG	6095	SCHED	09/17/2020 16:52:22	6	79	284	329	065:17:17.99 N	096:29:32.39 W
Summer	LYG	6095	SCHED	09/17/2020 16:54:31	7	80	241	342	065:19:41.39 N	096:33:01.19 W
Summer	LYG	6095	SCHED	09/17/2020 16:56:37	8	73	315	356	065:21:56.40 N	096:36:21.59 W
Summer	LYG	6095	SCHED	09/17/2020 16:59:28	9	70	274	263	065:24:19.19 N	096:39:36.60 W
Summer	LYG	6095	SCHED	09/17/2020 17:01:34	10	31	196	22	065:24:19.80 N	096:40:36.59 W
Summer	LYG	6095	SCHED	09/17/2020 17:03:40	11	105	281	178	065:22:13.80 N	096:37:25.80 W
Summer	LYG	6095	SCHED	09/17/2020 17:05:50	12	106	298	145	065:19:04.79 N	096:32:52.19 W
Summer	LYG	6095	SCHED	09/17/2020 17:07:57	13	100	274	129	065:16:15.60 N	096:27:19.79 W
Summer	LYG	6095	SCHED	09/17/2020 17:10:07	14	3	141	287	065:14:53.39 N	096:25:18.00 W
Summer	LYG	6095	SCHED	09/17/2020 17:12:13	15	69	261	329	065:16:39.00 N	096:28:12.60 W
Summer	LYG	6095	SCHED	09/17/2020 17:14:19	16	73	278	346	065:18:46.80 N	096:31:01.19 W
Summer	LYG	6095	SCHED	09/17/2020 17:16:31	17	71	286	330	065:20:52.19 N	096:34:27.60 W
Summer	LYG	6095	SCHED	09/17/2020 17:18:39	18	78	365	338	065:23:21.60 N	096:36:48.00 W
Summer	LYG	6095	SCHED	09/17/2020 17:20:45	19	9	186	310	065:24:16.80 N	096:40:40.20 W
Summer	LYG	6095	SCHED	09/17/2020 17:22:52	20	0	161	262	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6095	ARRIVAL	09/17/2020 17:23:04	1	0	164	262	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6095	XML_FLIGHT_SUMMARY	09/17/2020 17:23:05	0	0	0	0		
Summer	LYG	6096	POWER_ON	09/17/2020 18:08:04	NA	NA	NA	NA		
Summer	LYG	6096	SCHED	09/17/2020 18:08:57	1	0	165	166	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6096	DEPARTURE	09/17/2020 18:09:42	1	80	217	61	065:24:35.40 N	096:40:15.00 W
Summer	LYG	6096	SCHED	09/17/2020 18:11:52	2	134	244	141	065:20:55.20 N	096:35:24.00 W
Summer	LYG	6096	SCHED	09/17/2020 18:14:01	3	131	284	146	065:17:30.59 N	096:28:03.60 W
Summer	LYG	6096	SCHED	09/17/2020 18:16:09	4	53	165	162	065:15:07.80 N	096:24:54.59 W
Summer	LYG	6096	ARRIVAL	09/17/2020 18:17:40	1	0	121	108	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6096	XML_FLIGHT_SUMMARY	09/17/2020 18:17:41	0	0	0	0		
Summer	LYG	6097	POWER_ON	09/17/2020 18:39:15	NA	NA	NA	NA		
Summer	LYG	6097	SCHED	09/17/2020 18:41:48	1	0	159	264	065:14:54.00 N	096:25:17.39 W
Summer	LYG	6097	SCHED	09/17/2020 18:47:03	2	1	167	327	065:14:58.19 N	096:25:19.19 W
Summer	LYG	6097	DEPARTURE	09/17/2020 18:50:09	1	58	177	232	065:14:51.59 N	096:25:04.19 W
Summer	LYG	6097	SCHED	09/17/2020 18:52:15	3	1	165	286	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 18:54:21	4	5	155	105	065:14:53.39 N	096:25:18.00 W
Summer	LYG	6097	SCHED	09/17/2020 18:56:31	5	0	163	32	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 18:58:36	6	5	175	351	065:14:57.60 N	096:25:18.00 W
Summer	LYG	6097	SCHED	09/17/2020 19:00:41	7	16	181	191	065:14:56.39 N	096:25:19.79 W
Summer	LYG	6097	SCHED	09/17/2020 19:02:46	8	0	165	89	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 19:04:52	9	1	164	95	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6097	SCHED	09/17/2020 19:06:59	10	0	162	340	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6097	SCHED	09/17/2020 19:09:08	11	5	174	6	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 19:11:13	12	4	168	335	065:14:56.99 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 19:13:20	13	3	166	58	065:14:58.19 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 19:15:25	14	2	174	28	065:14:58.19 N	096:25:19.79 W
Summer	LYG	6097	SCHED	09/17/2020 19:17:32	15	1	160	340	065:14:58.19 N	096:25:19.19 W
Summer	LYG	6097	SCHED	09/17/2020 19:19:37	16	1	151	147	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6097	SCHED	09/17/2020 19:21:43	17	0	165	354	065:14:58.19 N	096:25:18.60 W
Summer	LYG	6097	SCHED	09/17/2020 19:23:53	18	5	170	2	065:14:57.60 N	096:25:18.00 W
Summer	LYG	6097	SCHED	09/17/2020 19:26:02	19	8	168	352	065:14:56.99 N	096:25:18.00 W
Summer	LYG	6097	SCHED	09/17/2020 19:28:07	20	2	146	211	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6097	SCHED	09/17/2020 19:30:13	21	1	149	65	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6097	SCHED	09/17/2020 19:32:26	22	9	163	345	065:14:54.60 N	096:25:16.19 W
Summer	LYG	6097	SCHED	09/17/2020 19:34:41	23	1	152	322	065:14:54.00 N	096:25:16.80 W
Summer	LYG	6097	SCHED	09/17/2020 19:36:49	24	0	145	113	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6097	SCHED	09/17/2020 19:38:55	25	1	150	184	065:14:54.00 N	096:25:16.80 W
Summer	LYG	6097	SCHED	09/17/2020 19:41:00	26	1	150	79	065:14:54.00 N	096:25:16.80 W
Summer	LYG	6097	SCHED	09/17/2020 19:43:14	27	6	229	351	065:14:51.00 N	096:25:11.99 W
Summer	LYG	6097	SCHED	09/17/2020 19:45:38	28	2	169	24	065:14:56.99 N	096:25:18.00 W
Summer	LYG	6097	SCHED	09/17/2020 19:48:20	29	7	170	276	065:14:57.60 N	096:25:19.79 W
Summer	LYG	6097	ARRIVAL	09/17/2020 19:50:30	1	0	115	65	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6097	SCHED	09/17/2020 19:55:40	30	13	173	349	065:14:57.60 N	096:25:19.79 W
Summer	LYG	6097	DEPARTURE	09/17/2020 19:57:52	2	62	230	340	065:15:11.99 N	096:25:23.39 W
Summer	LYG	6097	SCHED	09/17/2020 19:59:57	31	75	376	322	065:17:17.39 N	096:28:34.20 W
Summer	LYG	6097	SCHED	09/17/2020 20:02:06	32	80	370	329	065:19:38.39 N	096:32:09.59 W
Summer	LYG	6097	SCHED	09/17/2020 20:04:19	33	71	332	345	065:21:58.20 N	096:35:26.39 W
Summer	LYG	6097	SCHED	09/17/2020 20:06:24	34	80	312	301	065:24:19.19 N	096:37:40.20 W
Summer	LYG	6097	SCHED	09/17/2020 20:10:03	35	2	192	72	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6097	ARRIVAL	09/17/2020 20:11:30	2	0	158	348	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6097	XML_FLIGHT_SUMMARY	09/17/2020 20:11:31	0	0	0	0		
Summer	LYG	6098	POWER_ON	09/17/2020 20:27:19	NA	NA	NA	NA		
Summer	LYG	6098	SCHED	09/17/2020 20:28:17	1	39	177	12	065:24:22.19 N	096:40:37.80 W
Summer	LYG	6098	DEPARTURE	09/17/2020 20:29:14	1	67	213	346	065:24:37.19 N	096:40:38.99 W
Summer	LYG	6098	SCHED	09/17/2020 20:31:21	2	58	201	4	065:25:25.80 N	096:48:23.40 W
Summer	LYG	6098	SCHED	09/17/2020 20:33:26	3	0	145	67	065:25:12.59 N	096:48:45.60 W
Summer	LYG	6098	ARRIVAL	09/17/2020 20:33:43	1	0	145	67	065:25:12.59 N	096:48:45.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6098	XML_FLIGHT_SUMMARY	09/17/2020 20:33:44	0	0	0	0		
Summer	LYG	6099	DEPARTURE	09/17/2020 20:36:08	2	83	184	57	065:25:28.19 N	096:48:27.00 W
Summer	LYG	6099	SCHED	09/17/2020 20:38:14	4	87	238	193	065:24:23.39 N	096:39:57.60 W
Summer	LYG	6099	ARRIVAL	09/17/2020 20:39:42	2	0	161	303	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6099	XML_FLIGHT_SUMMARY	09/17/2020 20:39:43	0	0	0	0		
Summer	LYG	6100	DEPARTURE	09/17/2020 20:41:18	3	76	216	59	065:24:34.79 N	096:40:15.00 W
Summer	LYG	6100	SCHED	09/17/2020 20:43:24	5	131	367	154	065:20:59.40 N	096:35:42.60 W
Summer	LYG	6100	SCHED	09/17/2020 20:45:33	6	129	359	140	065:17:00.60 N	096:30:39.59 W
Summer	LYG	6100	SCHED	09/17/2020 20:48:41	7	0	120	78	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6100	ARRIVAL	09/17/2020 20:48:49	3	0	119	78	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6100	XML_FLIGHT_SUMMARY	09/17/2020 20:48:50	0	0	0	0		
Summer	LYG	6101	DEPARTURE	09/17/2020 20:50:50	4	56	155	67	065:15:07.80 N	096:24:51.59 W
Summer	LYG	6101	ARRIVAL	09/17/2020 20:52:10	4	0	136	306	065:15:13.19 N	096:24:50.40 W
Summer	LYG	6101	DEPARTURE	09/17/2020 20:52:50	5	75	157	206	065:14:52.19 N	096:24:58.20 W
Summer	LYG	6101	SCHED	09/17/2020 20:54:59	8	11	162	305	065:14:51.59 N	096:25:15.00 W
Summer	LYG	6101	SCHED	09/17/2020 20:57:11	9	8	166	36	065:15:08.99 N	096:24:57.00 W
Summer	LYG	6101	SCHED	09/17/2020 20:59:17	10	48	183	15	065:14:56.99 N	096:24:35.40 W
Summer	LYG	6101	SCHED	09/17/2020 21:01:25	11	11	177	309	065:15:13.19 N	096:24:50.40 W
Summer	LYG	6101	SCHED	09/17/2020 21:03:32	12	0	138	51	065:14:53.39 N	096:25:18.00 W
Summer	LYG	6101	SCHED	09/17/2020 21:06:31	13	3	180	23	065:15:15.60 N	096:24:57.60 W
Summer	LYG	6101	SCHED	09/17/2020 21:08:37	14	3	161	346	065:15:13.80 N	096:24:52.19 W
Summer	LYG	6101	SCHED	09/17/2020 21:10:45	15	0	155	27	065:15:13.80 N	096:24:52.80 W
Summer	LYG	6101	SCHED	09/17/2020 21:12:55	16	0	162	257	065:15:15.60 N	096:24:57.60 W
Summer	LYG	6101	SCHED	09/17/2020 21:15:11	17	1	136	51	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6101	SCHED	09/17/2020 21:17:18	18	1	136	224	065:14:53.39 N	096:25:17.39 W
Summer	LYG	6101	SCHED	09/17/2020 21:19:23	19	0	160	209	065:15:15.60 N	096:24:57.60 W
Summer	LYG	6101	SCHED	09/17/2020 21:22:15	20	1	134	93	065:14:53.39 N	096:25:16.80 W
Summer	LYG	6101	SCHED	09/17/2020 21:24:33	21	50	167	251	065:15:15.60 N	096:25:04.19 W
Summer	LYG	6101	ARRIVAL	09/17/2020 21:25:50	5	0	120	247	065:14:54.60 N	096:25:18.60 W
Summer	LYG	6101	XML_FLIGHT_SUMMARY	09/17/2020 21:25:51	0	0	0	0		
Summer	LYG	6102	DEPARTURE	09/17/2020 21:26:25	6	58	156	356	065:15:09.60 N	096:24:52.19 W
Summer	LYG	6102	ARRIVAL	09/17/2020 21:27:43	6	0	142	296	065:15:15.00 N	096:24:57.60 W
Summer	LYG	6102	DEPARTURE	09/17/2020 21:30:58	7	89	222	232	065:15:09.60 N	096:25:48.00 W
Summer	LYG	6102	SCHED	09/17/2020 21:33:53	22	129	328	181	065:09:53.39 N	096:22:52.20 W
Summer	LYG	6102	SCHED	09/17/2020 21:36:04	23	84	166	121	065:06:06.59 N	096:19:22.79 W
Summer	LYG	6102	ARRIVAL	09/17/2020 21:37:42	7	0	131	310	065:05:52.80 N	096:17:54.59 W
Summer	LYG	6102	XML_FLIGHT_SUMMARY	09/17/2020 21:37:43	0	0	0	0		
Summer	LYG	6103	DEPARTURE	09/17/2020 21:38:38	8	70	188	351	065:06:10.20 N	096:18:10.80 W
Summer	LYG	6103	SCHED	09/17/2020 21:40:44	24	94	355	329	065:09:22.19 N	096:20:27.60 W
Summer	LYG	6103	SCHED	09/17/2020 21:42:50	25	106	416	319	065:12:09.60 N	096:25:27.60 W
Summer	LYG	6103	SCHED	09/17/2020 21:44:59	26	100	346	15	065:15:19.20 N	096:28:13.80 W
Summer	LYG	6103	SCHED	09/17/2020 21:47:05	27	99	398	331	065:18:28.80 N	096:31:00.60 W
Summer	LYG	6103	SCHED	09/17/2020 21:49:10	28	101	420	330	065:21:30.60 N	096:35:11.40 W
Summer	LYG	6103	SCHED	09/17/2020 21:51:36	29	87	251	267	065:24:21.60 N	096:39:07.80 W
Summer	LYG	6103	ARRIVAL	09/17/2020 21:52:57	8	0	159	298	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6103	XML_FLIGHT_SUMMARY	09/17/2020 21:52:58	0	0	0	0		
Summer	LYG	6103	SCHED	09/17/2020 21:58:04	30	50	230	7	065:24:27.60 N	096:40:36.59 W
Summer	LYG	6104	DEPARTURE	09/17/2020 21:58:14	9	65	242	43	065:24:34.19 N	096:40:26.99 W
Summer	LYG	6104	SCHED	09/17/2020 22:00:24	31	103	389	156	065:21:50.40 N	096:37:24.60 W
Summer	LYG	6104	SCHED	09/17/2020 22:02:44	32	107	381	140	065:18:49.79 N	096:31:51.60 W
Summer	LYG	6104	SCHED	09/17/2020 22:04:50	33	99	353	161	065:15:47.39 N	096:25:39.59 W
Summer	LYG	6104	SCHED	09/17/2020 22:07:00	34	1	156	349	065:14:54.00 N	096:25:18.60 W
Summer	LYG	6104	SCHED	09/17/2020 22:09:17	35	68	336	326	065:16:39.00 N	096:27:46.20 W
Summer	LYG	6104	SCHED	09/17/2020 22:11:28	36	74	507	329	065:18:48.00 N	096:31:43.20 W
Summer	LYG	6104	SCHED	09/17/2020 22:13:42	37	73	542	324	065:20:58.80 N	096:35:19.79 W
Summer	LYG	6104	SCHED	09/17/2020 22:15:55	38	78	420	348	065:23:28.19 N	096:37:52.80 W
Summer	LYG	6104	SCHED	09/17/2020 22:18:07	39	0	200	356	065:24:16.80 N	096:40:41.99 W
Summer	LYG	6104	ARRIVAL	09/17/2020 22:19:52	9	0	162	283	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6104	XML_FLIGHT_SUMMARY	09/17/2020 22:19:53	0	0	0	0		
Summer	LYG	6105	DEPARTURE	09/17/2020 22:21:18	10	78	226	55	065:24:34.79 N	096:40:16.19 W
Summer	LYG	6105	SCHED	09/17/2020 22:23:25	40	125	518	149	065:21:18.59 N	096:35:07.80 W
Summer	LYG	6105	SCHED	09/17/2020 22:25:36	41	134	479	143	065:17:23.39 N	096:29:29.39 W
Summer	LYG	6105	SCHED	09/17/2020 22:27:49	42	0	144	347	065:15:15.00 N	096:24:57.60 W
Summer	LYG	6105	ARRIVAL	09/17/2020 22:28:34	10	0	142	347	065:15:15.00 N	096:24:57.60 W
Summer	LYG	6105	XML_FLIGHT_SUMMARY	09/17/2020 22:28:35	0	0	0	0		
Summer	LYG	6106	DEPARTURE	09/17/2020 22:30:05	11	96	195	161	065:14:53.39 N	096:24:55.79 W
Summer	LYG	6106	SCHED	09/17/2020 22:32:12	43	84	432	327	065:16:44.39 N	096:27:34.20 W
Summer	LYG	6106	SCHED	09/17/2020 22:34:23	44	95	485	323	065:19:25.20 N	096:32:02.39 W
Summer	LYG	6106	SCHED	09/17/2020 22:36:34	45	100	435	336	065:22:26.39 N	096:35:53.40 W
Summer	LYG	6106	SCHED	09/17/2020 22:38:43	46	16	172	306	065:24:17.39 N	096:40:38.40 W
Summer	LYG	6106	ARRIVAL	09/17/2020 22:39:42	11	0	170	332	065:24:18.60 N	096:40:40.80 W
Summer	LYG	6106	XML_FLIGHT_SUMMARY	09/17/2020 22:39:43	0	0	0	0		
Summer	LYG	6107	DEPARTURE	09/17/2020 22:40:45	12	72	234	348	065:24:38.40 N	096:40:40.20 W
Summer	LYG	6107	SCHED	09/17/2020 22:42:50	47	99	253	271	065:24:53.39 N	096:48:08.99 W
Summer	LYG	6107	SCHED	09/17/2020 22:44:55	48	0	145	91	065:25:12.59 N	096:48:45.60 W
Summer	LYG	6107	ARRIVAL	09/17/2020 22:45:17	12	0	145	91	065:25:12.59 N	096:48:45.60 W
Summer	LYG	6107	XML_FLIGHT_SUMMARY	09/17/2020 22:45:18	0	0	0	0		
Summer	LYG	6108	DEPARTURE	09/17/2020 22:49:12	13	82	206	82	065:25:24.00 N	096:48:15.60 W
Summer	LYG	6108	SCHED	09/17/2020 22:51:52	49	0	148	30	065:23:45.60 N	096:46:23.99 W
Summer	LYG	6108	ARRIVAL	09/17/2020 22:52:15	13	0	145	30	065:23:46.20 N	096:46:23.99 W
Summer	LYG	6108	SCHED	09/17/2020 22:57:24	50	0	147	195	065:23:46.20 N	096:46:23.99 W
Summer	LYG	6108	SCHED	09/17/2020 23:02:36	51	0	145	195	065:23:46.20 N	096:46:23.99 W
Summer	LYG	6108	DEPARTURE	09/17/2020 23:04:53	14	77	196	24	065:24:03.59 N	096:46:00.00 W
Summer	LYG	6108	SCHED	09/17/2020 23:07:02	52	61	201	256	065:24:16.19 N	096:40:18.60 W
Summer	LYG	6108	ARRIVAL	09/17/2020 23:08:13	14	0	164	285	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6108	XML_FLIGHT_SUMMARY	09/17/2020 23:08:14	0	0	0	0		
Summer	LYG	6108	SCHED	09/17/2020 23:13:18	53	0	163	285	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6109	DEPARTURE	09/17/2020 23:14:05	15	77	216	58	065:24:34.19 N	096:40:12.59 W
Summer	LYG	6109	SCHED	09/17/2020 23:16:15	54	124	447	153	065:21:34.79 N	096:34:53.40 W
Summer	LYG	6109	SCHED	09/17/2020 23:18:23	55	128	338	151	065:17:38.39 N	096:30:06.60 W
Summer	LYG	6109	SCHED	09/17/2020 23:20:28	56	12	133	310	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6109	ARRIVAL	09/17/2020 23:22:09	15	0	128	332	065:14:58.19 N	096:25:15.00 W
Summer	LYG	6109	XML_FLIGHT_SUMMARY	09/17/2020 23:22:10	0	0	0	0		
Summer	LYG	6109	SCHED	09/17/2020 23:27:15	57	0	131	332	065:14:58.19 N	096:25:15.00 W
Summer	LYG	6109	SCHED	09/17/2020 23:32:26	58	0	128	332	065:14:58.19 N	096:25:15.00 W
Summer	LYG	6110	DEPARTURE	09/17/2020 23:33:58	16	71	177	329	065:15:15.00 N	096:25:38.99 W
Summer	LYG	6110	SCHED	09/17/2020 23:36:03	59	90	391	324	065:17:53.39 N	096:29:01.80 W
Summer	LYG	6110	SCHED	09/17/2020 23:38:08	60	91	480	320	065:20:21.00 N	096:33:46.79 W
Summer	LYG	6110	SCHED	09/17/2020 23:40:14	61	104	404	348	065:23:31.19 N	096:36:06.00 W
Summer	LYG	6110	SCHED	09/17/2020 23:42:26	62	0	164	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6110	ARRIVAL	09/17/2020 23:42:50	16	0	164	322	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6110	XML_FLIGHT_SUMMARY	09/17/2020 23:42:51	0	0	0	0		
Summer	LYG	6111	POWER_ON	09/18/2020 11:37:16	NA	NA	NA	NA		
Summer	LYG	6111	SCHED	09/18/2020 11:38:03	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6111	DEPARTURE	09/18/2020 11:41:05	1	97	162	158	065:23:02.39 N	096:37:33.60 W
Summer	LYG	6111	SCHED	09/18/2020 11:43:10	2	112	401	148	065:19:21.59 N	096:33:18.59 W
Summer	LYG	6111	SCHED	09/18/2020 11:45:15	3	133	397	131	065:16:08.99 N	096:27:05.40 W
Summer	LYG	6111	SCHED	09/18/2020 11:47:20	4	0	127	331	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6111	ARRIVAL	09/18/2020 11:47:40	1	0	129	331	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6111	XML_FLIGHT_SUMMARY	09/18/2020 11:47:41	0	0	0	0		
Summer	LYG	6111	SCHED	09/18/2020 11:52:50	5	0	128	331	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6112	POWER_ON	09/18/2020 12:09:30	NA	NA	NA	NA		
Summer	LYG	6112	SCHED	09/18/2020 12:10:27	1	33	138	313	065:15:00.60 N	096:25:19.79 W
Summer	LYG	6112	DEPARTURE	09/18/2020 12:13:08	1	64	186	314	065:15:08.99 N	096:25:49.79 W
Summer	LYG	6112	SCHED	09/18/2020 12:15:18	2	97	450	336	065:21:04.79 N	096:34:39.60 W
Summer	LYG	6112	SCHED	09/18/2020 12:17:33	3	80	311	295	065:24:18.60 N	096:38:10.20 W
Summer	LYG	6112	ARRIVAL	09/18/2020 12:19:39	1	0	163	311	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6112	XML_FLIGHT_SUMMARY	09/18/2020 12:19:40	0	0	0	0		
Summer	LYG	6113	DEPARTURE	09/18/2020 12:23:25	2	83	274	53	065:24:37.19 N	096:40:17.39 W
Summer	LYG	6113	SCHED	09/18/2020 12:25:31	4	105	529	162	065:21:50.40 N	096:37:06.00 W
Summer	LYG	6113	SCHED	09/18/2020 12:27:37	5	114	560	143	065:18:39.60 N	096:31:41.39 W
Summer	LYG	6113	SCHED	09/18/2020 12:29:43	6	110	400	140	065:15:37.79 N	096:25:34.79 W
Summer	LYG	6113	SCHED	09/18/2020 12:31:51	7	1	162	154	065:14:58.19 N	096:25:18.00 W
Summer	LYG	6113	SCHED	09/18/2020 12:34:01	8	73	435	328	065:16:46.80 N	096:28:13.80 W
Summer	LYG	6113	SCHED	09/18/2020 12:36:22	9	81	505	326	065:19:04.79 N	096:32:15.60 W
Summer	LYG	6113	SCHED	09/18/2020 12:38:29	10	94	481	351	065:21:47.99 N	096:36:28.20 W
Summer	LYG	6113	SCHED	09/18/2020 12:40:44	11	72	291	258	065:24:20.99 N	096:39:21.00 W
Summer	LYG	6113	SCHED	09/18/2020 12:42:59	12	2	196	158	065:24:17.39 N	096:40:41.40 W
Summer	LYG	6113	SCHED	09/18/2020 12:45:09	13	82	344	160	065:23:53.99 N	096:38:15.00 W
Summer	LYG	6113	SCHED	09/18/2020 12:47:16	14	92	433	150	065:20:59.99 N	096:36:08.40 W
Summer	LYG	6113	SCHED	09/18/2020 12:49:22	15	94	590	139	065:18:27.59 N	096:31:32.39 W
Summer	LYG	6113	SCHED	09/18/2020 12:51:28	16	97	398	144	065:16:00.60 N	096:26:03.00 W
Summer	LYG	6113	SCHED	09/18/2020 12:53:36	17	0	167	61	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6113	SCHED	09/18/2020 12:55:41	18	57	223	324	065:15:05.99 N	096:25:38.40 W
Summer	LYG	6113	SCHED	09/18/2020 12:57:47	19	78	437	323	065:17:11.40 N	096:28:54.59 W
Summer	LYG	6113	SCHED	09/18/2020 12:59:55	20	75	501	323	065:19:22.79 N	096:32:39.59 W
Summer	LYG	6113	SCHED	09/18/2020 13:02:07	21	88	533	350	065:21:50.40 N	096:36:22.19 W
Summer	LYG	6113	SCHED	09/18/2020 13:04:20	22	70	397	268	065:24:24.00 N	096:38:58.20 W
Summer	LYG	6113	SCHED	09/18/2020 13:06:26	23	1	168	42	065:24:18.60 N	096:40:39.59 W
Summer	LYG	6113	ARRIVAL	09/18/2020 13:07:38	2	0	162	299	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6113	XML_FLIGHT_SUMMARY	09/18/2020 13:07:39	0	0	0	0		
Summer	LYG	6114	POWER_ON	09/18/2020 13:33:18	NA	NA	NA	NA		
Summer	LYG	6114	SCHED	09/18/2020 13:34:14	1	0	165	329	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6114	DEPARTURE	09/18/2020 13:34:40	1	85	194	77	065:24:20.39 N	096:39:46.20 W
Summer	LYG	6114	SCHED	09/18/2020 13:36:50	2	100	485	166	065:22:09.00 N	096:35:52.80 W
Summer	LYG	6114	SCHED	09/18/2020 13:38:57	3	109	615	160	065:18:36.59 N	096:32:36.00 W
Summer	LYG	6114	SCHED	09/18/2020 13:41:08	4	110	612	160	065:15:01.80 N	096:29:16.79 W
Summer	LYG	6114	SCHED	09/18/2020 13:43:14	5	112	545	163	065:11:13.19 N	096:26:31.79 W
Summer	LYG	6114	SCHED	09/18/2020 13:45:19	6	116	466	125	065:07:41.40 N	096:23:16.20 W
Summer	LYG	6114	SCHED	09/18/2020 13:48:58	7	17	158	304	065:06:30.00 N	096:17:43.20 W
Summer	LYG	6114	ARRIVAL	09/18/2020 13:49:06	1	0	144	242	065:06:29.39 N	096:17:41.39 W
Summer	LYG	6114	XML_FLIGHT_SUMMARY	09/18/2020 13:49:07	0	0	0	0		
Summer	LYG	6115	DEPARTURE	09/18/2020 13:50:52	2	75	195	316	065:06:39.60 N	096:18:22.79 W
Summer	LYG	6115	SCHED	09/18/2020 13:53:04	8	107	567	333	065:11:53.39 N	096:25:09.59 W
Summer	LYG	6115	SCHED	09/18/2020 13:55:16	9	106	605	334	065:15:23.99 N	096:29:14.40 W
Summer	LYG	6115	SCHED	09/18/2020 13:57:30	10	109	647	344	065:19:01.19 N	096:32:56.99 W
Summer	LYG	6115	SCHED	09/18/2020 13:59:47	11	117	540	341	065:22:55.20 N	096:36:21.59 W
Summer	LYG	6115	SCHED	09/18/2020 14:01:59	12	0	158	331	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6115	ARRIVAL	09/18/2020 14:02:28	2	0	162	331	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6115	XML_FLIGHT_SUMMARY	09/18/2020 14:02:29	0	0	0	0		
Summer	LYG	6116	POWER_ON	09/18/2020 18:31:50	NA	NA	NA	NA		
Summer	LYG	6116	SCHED	09/18/2020 18:32:44	1	80	228	82	065:24:18.00 N	096:39:53.40 W
Summer	LYG	6116	DEPARTURE	09/18/2020 18:32:53	1	90	267	92	065:24:19.19 N	096:39:11.99 W
Summer	LYG	6116	SCHED	09/18/2020 18:35:06	2	94	356	226	065:21:39.00 N	096:40:07.19 W
Summer	LYG	6116	SCHED	09/18/2020 18:37:13	3	21	168	285	065:20:52.80 N	096:41:43.20 W
Summer	LYG	6116	ARRIVAL	09/18/2020 18:39:05	1	0	141	267	065:20:53.99 N	096:41:48.00 W
Summer	LYG	6116	XML_FLIGHT_SUMMARY	09/18/2020 18:39:06	0	0	0	0		
Summer	LYG	6117	DEPARTURE	09/18/2020 18:41:40	2	65	218	318	065:20:54.59 N	096:42:24.59 W
Summer	LYG	6117	SCHED	09/18/2020 18:43:57	4	106	476	12	065:23:44.40 N	096:36:57.60 W
Summer	LYG	6117	SCHED	09/18/2020 18:46:02	5	0	164	298	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6117	ARRIVAL	09/18/2020 18:46:24	2	0	168	298	065:24:18.60 N	096:40:40.80 W
Summer	LYG	6117	XML_FLIGHT_SUMMARY	09/18/2020 18:46:25	0	0	0	0		
Summer	LYG	6118	POWER_ON	09/18/2020 21:08:04	NA	NA	NA	NA		
Summer	LYG	6118	DEPARTURE	09/18/2020 21:09:17	1	84	238	77	065:24:19.19 N	096:39:46.79 W
Summer	LYG	6118	SCHED	09/18/2020 21:09:26	1	91	403	98	065:24:25.19 N	096:37:58.20 W
Summer	LYG	6118	SCHED	09/18/2020 21:11:32	2	101	293	221	065:21:06.00 N	096:40:35.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6118	ARRIVAL	09/18/2020 21:13:05	1	0	144	273	065:20:53.99 N	096:41:48.00 W
Summer	LYG	6118	XML_FLIGHT_SUMMARY	09/18/2020 21:13:06	0	0	0	0		
Summer	LYG	6119	DEPARTURE	09/18/2020 21:15:20	2	73	206	321	065:20:59.99 N	096:42:30.60 W
Summer	LYG	6119	SCHED	09/18/2020 21:17:31	3	119	512	6	065:23:57.60 N	096:37:37.80 W
Summer	LYG	6119	ARRIVAL	09/18/2020 21:19:32	2	0	164	315	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6119	XML_FLIGHT_SUMMARY	09/18/2020 21:19:33	0	0	0	0		
Summer	LYG	6120	DEPARTURE	09/18/2020 21:21:33	3	84	241	75	065:24:20.39 N	096:39:48.59 W
Summer	LYG	6120	SCHED	09/18/2020 21:23:40	4	124	652	154	065:21:27.59 N	096:33:56.40 W
Summer	LYG	6120	SCHED	09/18/2020 21:25:50	5	124	617	152	065:17:27.00 N	096:29:27.60 W
Summer	LYG	6120	SCHED	09/18/2020 21:28:02	6	125	643	156	065:13:20.99 N	096:24:58.20 W
Summer	LYG	6120	SCHED	09/18/2020 21:30:10	7	123	590	163	065:09:04.20 N	096:20:51.60 W
Summer	LYG	6120	SCHED	09/18/2020 21:32:17	8	47	152	279	065:05:56.40 N	096:19:10.20 W
Summer	LYG	6120	ARRIVAL	09/18/2020 21:33:33	3	0	122	292	065:05:59.40 N	096:19:25.20 W
Summer	LYG	6120	XML_FLIGHT_SUMMARY	09/18/2020 21:33:34	0	0	0	0		
Summer	LYG	6121	DEPARTURE	09/18/2020 21:34:17	4	75	187	319	065:06:15.00 N	096:19:59.39 W
Summer	LYG	6121	SCHED	09/18/2020 21:36:28	9	100	519	331	065:09:09.00 N	096:23:18.59 W
Summer	LYG	6121	SCHED	09/18/2020 21:38:34	10	101	616	343	065:12:26.40 N	096:26:40.20 W
Summer	LYG	6121	SCHED	09/18/2020 21:40:42	11	100	608	343	065:15:48.59 N	096:29:18.00 W
Summer	LYG	6121	SCHED	09/18/2020 21:42:49	12	95	617	337	065:19:06.60 N	096:32:39.59 W
Summer	LYG	6121	SCHED	09/18/2020 21:45:43	13	110	616	340	065:23:15.59 N	096:36:42.60 W
Summer	LYG	6121	SCHED	09/18/2020 21:47:49	14	0	157	299	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6121	ARRIVAL	09/18/2020 21:48:04	4	0	155	299	065:24:18.00 N	096:40:40.20 W
Summer	LYG	6121	XML_FLIGHT_SUMMARY	09/18/2020 21:48:05	0	0	0	0		
Summer	LYG	6122	DEPARTURE	09/18/2020 21:51:18	5	85	272	54	065:24:37.80 N	096:40:16.19 W
Summer	LYG	6122	SCHED	09/18/2020 21:53:26	15	105	661	181	065:21:56.99 N	096:36:31.80 W
Summer	LYG	6122	SCHED	09/18/2020 21:55:40	16	113	632	149	065:18:30.00 N	096:31:56.39 W
Summer	LYG	6122	SCHED	09/18/2020 21:57:48	17	102	298	141	065:15:23.99 N	096:25:13.80 W
Summer	LYG	6122	SCHED	09/18/2020 21:59:55	18	1	169	158	065:14:58.19 N	096:25:18.00 W
Summer	LYG	6122	SCHED	09/18/2020 22:02:07	19	77	443	328	065:16:49.80 N	096:28:17.39 W
Summer	LYG	6122	SCHED	09/18/2020 22:04:17	20	82	593	317	065:19:07.20 N	096:32:23.40 W
Summer	LYG	6122	SCHED	09/18/2020 22:06:23	21	97	496	351	065:21:48.59 N	096:36:27.59 W
Summer	LYG	6122	SCHED	09/18/2020 22:08:38	22	86	353	264	065:24:26.39 N	096:38:49.79 W
Summer	LYG	6122	SCHED	09/18/2020 22:10:44	23	1	201	136	065:24:16.80 N	096:40:41.99 W
Summer	LYG	6122	SCHED	09/18/2020 22:12:57	24	90	351	123	065:24:29.40 N	096:37:49.79 W
Summer	LYG	6122	SCHED	09/18/2020 22:15:08	25	91	463	160	065:21:37.19 N	096:34:53.99 W
Summer	LYG	6122	SCHED	09/18/2020 22:17:14	26	102	604	137	065:18:39.00 N	096:30:35.40 W
Summer	LYG	6122	SCHED	09/18/2020 22:19:24	27	98	445	147	065:15:47.39 N	096:25:34.79 W
Summer	LYG	6122	SCHED	09/18/2020 22:21:30	28	0	165	323	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6122	SCHED	09/18/2020 22:23:41	29	70	448	326	065:16:30.00 N	096:28:03.00 W
Summer	LYG	6122	SCHED	09/18/2020 22:25:51	30	77	645	332	065:18:49.19 N	096:31:05.99 W
Summer	LYG	6122	SCHED	09/18/2020 22:27:58	31	80	562	329	065:21:19.20 N	096:34:14.39 W
Summer	LYG	6122	SCHED	09/18/2020 22:30:05	32	84	466	322	065:24:03.00 N	096:36:47.39 W
Summer	LYG	6122	SCHED	09/18/2020 22:32:15	33	1	198	311	065:24:16.80 N	096:40:41.99 W
Summer	LYG	6122	ARRIVAL	09/18/2020 22:34:09	5	0	167	291	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6122	XML_FLIGHT_SUMMARY	09/18/2020 22:34:10	0	0	0	0		
Summer	LYG	6123	POWER_ON	09/18/2020 23:00:29	NA	NA	NA	NA		
Summer	LYG	6123	SCHED	09/18/2020 23:01:26	1	1	169	181	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6123	DEPARTURE	09/18/2020 23:01:42	1	82	217	44	065:24:37.19 N	096:40:21.60 W
Summer	LYG	6123	SCHED	09/18/2020 23:03:48	2	122	591	146	065:22:16.80 N	096:34:46.19 W
Summer	LYG	6123	SCHED	09/18/2020 23:05:54	3	127	535	143	065:18:34.20 N	096:29:10.20 W
Summer	LYG	6123	SCHED	09/18/2020 23:08:03	4	73	202	210	065:14:57.60 N	096:24:50.40 W
Summer	LYG	6123	ARRIVAL	09/18/2020 23:09:37	1	0	128	326	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6123	XML_FLIGHT_SUMMARY	09/18/2020 23:09:38	0	0	0	0		
Summer	LYG	6123	SCHED	09/18/2020 23:14:44	5	0	126	326	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6124	DEPARTURE	09/18/2020 23:19:11	2	70	200	320	065:15:12.60 N	096:25:44.39 W
Summer	LYG	6124	SCHED	09/18/2020 23:21:16	6	94	602	326	065:17:50.39 N	096:29:28.79 W
Summer	LYG	6124	SCHED	09/18/2020 23:23:21	7	102	581	329	065:20:40.80 N	096:34:03.60 W
Summer	LYG	6124	SCHED	09/18/2020 23:25:33	8	112	460	328	065:24:10.80 N	096:37:01.20 W
Summer	LYG	6124	SCHED	09/18/2020 23:27:39	9	0	160	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6124	ARRIVAL	09/18/2020 23:27:45	2	0	160	278	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6124	XML_FLIGHT_SUMMARY	09/18/2020 23:27:46	0	0	0	0		
Summer	LYG	6125	POWER_ON	09/19/2020 11:37:40	NA	NA	NA	NA		
Summer	LYG	6125	SCHED	09/19/2020 11:38:37	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6125	DEPARTURE	09/19/2020 11:40:38	1	93	160	153	065:23:34.19 N	096:37:11.39 W
Summer	LYG	6125	SCHED	09/19/2020 11:42:50	2	104	450	152	065:20:26.39 N	096:33:30.00 W
Summer	LYG	6125	SCHED	09/19/2020 11:44:57	3	120	436	145	065:17:14.99 N	096:27:32.39 W
Summer	LYG	6125	SCHED	09/19/2020 11:47:04	4	53	237	317	065:15:18.59 N	096:25:26.40 W
Summer	LYG	6125	SCHED	09/19/2020 11:49:14	5	0	127	307	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6125	ARRIVAL	09/19/2020 11:49:23	1	0	127	307	065:14:58.19 N	096:25:15.60 W
Summer	LYG	6125	XML_FLIGHT_SUMMARY	09/19/2020 11:49:24	0	0	0	0		
Summer	LYG	6126	POWER_ON	09/19/2020 12:14:22	NA	NA	NA	NA		
Summer	LYG	6126	DEPARTURE	09/19/2020 12:15:23	1	48	229	174	065:14:54.00 N	096:25:41.40 W
Summer	LYG	6126	SCHED	09/19/2020 12:15:28	1	50	234	165	065:14:53.39 N	096:25:40.20 W
Summer	LYG	6126	SCHED	09/19/2020 12:17:34	2	105	575	328	065:17:48.60 N	096:28:08.39 W
Summer	LYG	6126	SCHED	09/19/2020 12:19:48	3	112	571	327	065:20:57.60 N	096:33:05.99 W
Summer	LYG	6126	SCHED	09/19/2020 12:21:59	4	94	360	306	065:24:24.00 N	096:38:05.40 W
Summer	LYG	6126	ARRIVAL	09/19/2020 12:24:01	1	0	162	298	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6126	XML_FLIGHT_SUMMARY	09/19/2020 12:24:02	0	0	0	0		
Summer	LYG	6127	DEPARTURE	09/19/2020 12:27:38	2	68	278	26	065:24:35.99 N	096:40:25.80 W
Summer	LYG	6127	SCHED	09/19/2020 12:29:50	5	106	631	151	065:22:45.00 N	096:34:50.99 W
Summer	LYG	6127	SCHED	09/19/2020 12:32:01	6	115	693	130	065:19:17.39 N	096:30:24.59 W
Summer	LYG	6127	SCHED	09/19/2020 12:34:08	7	103	465	151	065:15:58.80 N	096:25:31.79 W
Summer	LYG	6127	SCHED	09/19/2020 12:36:20	8	0	165	145	065:14:58.19 N	096:25:18.00 W
Summer	LYG	6127	SCHED	09/19/2020 12:38:26	9	85	416	335	065:16:10.19 N	096:26:52.79 W
Summer	LYG	6127	SCHED	09/19/2020 12:40:40	10	89	716	336	065:18:48.00 N	096:29:48.00 W
Summer	LYG	6127	SCHED	09/19/2020 12:42:46	11	95	578	330	065:21:43.19 N	096:33:24.00 W
Summer	LYG	6127	SCHED	09/19/2020 12:44:57	12	90	507	303	065:24:19.19 N	096:37:36.00 W
Summer	LYG	6127	SCHED	09/19/2020 12:47:03	13	0	198	197	065:24:17.39 N	096:40:41.40 W
Summer	LYG	6127	ARRIVAL	09/19/2020 12:48:54	2	0	165	271	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6127	XML_FLIGHT_SU MMARY	09/19/2020 12:48:55	0	0	0	0		
Summer	LYG	6128	POWER_ON	09/19/2020 17:01:33	NA	NA	NA	NA		
Summer	LYG	6128	SCHED	09/19/2020 17:02:24	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6128	DEPARTURE	09/19/2020 17:04:48	1	114	169	152	065:22:20.39 N	096:34:32.39 W
Summer	LYG	6128	SCHED	09/19/2020 17:06:56	2	112	596	153	065:19:01.79 N	096:29:40.20 W
Summer	LYG	6128	SCHED	09/19/2020 17:09:02	3	98	260	150	065:15:16.79 N	096:26:08.39 W
Summer	LYG	6128	ARRIVAL	09/19/2020 17:10:38	1	0	128	127	065:14:58.80 N	096:25:19.19 W
Summer	LYG	6128	XML_FLIGHT_SU MMARY	09/19/2020 17:10:39	0	0	0	0		
Summer	LYG	6129	POWER_ON	09/19/2020 17:34:14	NA	NA	NA	NA		
Summer	LYG	6129	SCHED	09/19/2020 17:35:09	1	1	156	324	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6129	SCHED	09/19/2020 17:40:22	2	0	131	141	065:14:58.80 N	096:25:18.00 W
Summer	LYG	6129	DEPARTURE	09/19/2020 17:42:58	1	55	159	2	065:15:11.40 N	096:25:06.00 W
Summer	LYG	6129	ARRIVAL	09/19/2020 17:43:12	1	0	144	141	065:15:15.60 N	096:24:59.39 W
Summer	LYG	6129	DEPARTURE	09/19/2020 17:43:18	2	35	141	172	065:15:00.60 N	096:25:20.39 W
Summer	LYG	6129	ARRIVAL	09/19/2020 17:43:49	2	0	128	161	065:14:58.80 N	096:25:18.00 W
Summer	LYG	6129	DEPARTURE	09/19/2020 17:45:58	3	40	200	38	065:15:16.19 N	096:25:04.79 W
Summer	LYG	6129	SCHED	09/19/2020 17:48:06	3	49	206	35	065:15:15.00 N	096:25:06.59 W
Summer	LYG	6129	SCHED	09/19/2020 17:50:24	4	61	206	348	065:15:07.19 N	096:25:06.59 W
Summer	LYG	6129	SCHED	09/19/2020 17:52:36	5	0	168	177	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6129	SCHED	09/19/2020 17:56:28	6	7	190	148	065:15:16.19 N	096:24:58.20 W
Summer	LYG	6129	SCHED	09/19/2020 17:58:40	7	42	189	34	065:14:59.39 N	096:25:07.80 W
Summer	LYG	6129	SCHED	09/19/2020 18:00:53	8	71	218	240	065:15:08.40 N	096:25:09.00 W
Summer	LYG	6129	SCHED	09/19/2020 18:03:04	9	14	192	192	065:15:15.00 N	096:24:57.60 W
Summer	LYG	6129	SCHED	09/19/2020 18:05:15	10	0	180	337	065:15:16.19 N	096:24:57.00 W
Summer	LYG	6129	SCHED	09/19/2020 18:07:24	11	10	195	133	065:15:16.19 N	096:24:58.20 W
Summer	LYG	6129	SCHED	09/19/2020 18:09:33	12	59	214	355	065:15:05.39 N	096:25:11.39 W
Summer	LYG	6129	SCHED	09/19/2020 18:11:39	13	65	162	12	065:15:07.19 N	096:25:10.20 W
Summer	LYG	6129	ARRIVAL	09/19/2020 18:13:01	3	0	145	80	065:15:15.60 N	096:24:59.39 W
Summer	LYG	6129	DEPARTURE	09/19/2020 18:13:45	4	40	148	190	065:15:01.80 N	096:25:20.39 W
Summer	LYG	6129	ARRIVAL	09/19/2020 18:14:43	4	0	129	84	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6129	DEPARTURE	09/19/2020 18:18:20	5	32	212	11	065:15:13.80 N	096:25:10.80 W
Summer	LYG	6129	SCHED	09/19/2020 18:20:30	14	2	138	171	065:14:59.39 N	096:25:18.60 W
Summer	LYG	6129	ARRIVAL	09/19/2020 18:21:15	5	0	131	92	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6129	DEPARTURE	09/19/2020 18:22:04	6	105	185	360	065:15:15.60 N	096:24:40.20 W
Summer	LYG	6129	ARRIVAL	09/19/2020 18:23:25	6	0	147	72	065:15:15.60 N	096:25:00.00 W
Summer	LYG	6129	DEPARTURE	09/19/2020 18:24:49	7	39	198	200	065:15:00.60 N	096:25:20.39 W
Summer	LYG	6129	SCHED	09/19/2020 18:26:57	15	61	189	206	065:15:03.60 N	096:25:23.99 W
Summer	LYG	6129	SCHED	09/19/2020 18:29:10	16	8	203	106	065:15:16.19 N	096:24:59.39 W
Summer	LYG	6129	SCHED	09/19/2020 18:31:16	17	29	184	172	065:14:59.39 N	096:25:22.80 W
Summer	LYG	6129	SCHED	09/19/2020 18:33:22	18	1	178	127	065:15:15.60 N	096:24:57.60 W
Summer	LYG	6129	SCHED	09/19/2020 18:35:33	19	115	287	326	065:15:54.60 N	096:26:38.40 W
Summer	LYG	6129	SCHED	09/19/2020 18:37:40	20	129	504	330	065:19:55.79 N	096:32:02.39 W
Summer	LYG	6129	SCHED	09/19/2020 18:39:50	21	129	561	328	065:23:56.40 N	096:36:53.40 W
Summer	LYG	6129	SCHED	09/19/2020 18:41:59	22	0	161	358	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6129	ARRIVAL	09/19/2020 18:42:14	7	0	163	358	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6129	XML_FLIGHT_SU MMARY	09/19/2020 18:42:15	0	0	0	0		
Summer	LYG	6130	POWER_ON	09/19/2020 18:55:24	NA	NA	NA	NA		
Summer	LYG	6130	SCHED	09/19/2020 18:56:19	1	61	173	90	065:24:18.00 N	096:40:18.00 W
Summer	LYG	6130	DEPARTURE	09/19/2020 18:56:28	1	73	191	80	065:24:19.19 N	096:39:53.40 W
Summer	LYG	6130	SCHED	09/19/2020 18:58:34	2	106	493	151	065:21:59.40 N	096:35:29.39 W
Summer	LYG	6130	SCHED	09/19/2020 19:02:08	3	109	509	153	065:17:23.39 N	096:28:10.80 W
Summer	LYG	6130	SCHED	09/19/2020 19:04:14	4	0	126	118	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6130	ARRIVAL	09/19/2020 19:04:21	1	0	126	118	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6130	XML_FLIGHT_SU MMARY	09/19/2020 19:04:22	0	0	0	0		
Summer	LYG	6131	DEPARTURE	09/19/2020 19:07:06	2	41	227	7	065:15:12.60 N	096:25:13.20 W
Summer	LYG	6131	SCHED	09/19/2020 19:09:12	5	11	186	144	065:15:15.00 N	096:24:57.00 W
Summer	LYG	6131	SCHED	09/19/2020 19:11:21	6	5	192	105	065:15:15.60 N	096:24:58.20 W
Summer	LYG	6131	SCHED	09/19/2020 19:13:31	7	1	167	350	065:14:58.19 N	096:25:18.60 W
Summer	LYG	6131	SCHED	09/19/2020 19:15:38	8	0	156	44	065:14:57.60 N	096:25:19.19 W
Summer	LYG	6131	SCHED	09/19/2020 19:17:53	9	18	178	173	065:14:59.39 N	096:25:19.79 W
Summer	LYG	6131	SCHED	09/19/2020 19:19:59	10	4	184	95	065:15:15.60 N	096:24:58.20 W
Summer	LYG	6131	SCHED	09/19/2020 19:22:12	11	61	189	7	065:15:01.80 N	096:25:04.19 W
Summer	LYG	6131	SCHED	09/19/2020 19:24:19	12	7	171	120	065:14:57.60 N	096:25:17.39 W
Summer	LYG	6131	SCHED	09/19/2020 19:26:25	13	6	167	178	065:14:58.19 N	096:25:18.00 W
Summer	LYG	6131	SCHED	09/19/2020 19:28:30	14	0	178	177	065:15:15.60 N	096:24:57.00 W
Summer	LYG	6131	SCHED	09/19/2020 19:33:48	15	0	162	347	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6131	SCHED	09/19/2020 19:35:53	16	70	225	241	065:15:05.39 N	096:25:20.39 W
Summer	LYG	6131	SCHED	09/19/2020 19:37:59	17	0	167	75	065:14:57.60 N	096:25:18.60 W
Summer	LYG	6131	SCHED	09/19/2020 19:40:07	18	36	226	10	065:15:15.00 N	096:25:08.39 W
Summer	LYG	6131	SCHED	09/19/2020 19:42:27	19	57	251	159	065:15:09.60 N	096:25:16.80 W
Summer	LYG	6131	SCHED	09/19/2020 19:44:44	20	5	210	137	065:14:55.20 N	096:25:22.80 W
Summer	LYG	6131	SCHED	09/19/2020 19:46:55	21	9	164	144	065:15:11.40 N	096:24:36.60 W
Summer	LYG	6131	SCHED	09/19/2020 19:49:02	22	3	158	175	065:14:54.00 N	096:25:18.60 W
Summer	LYG	6131	SCHED	09/19/2020 19:51:10	23	32	310	222	065:15:00.00 N	096:25:37.20 W
Summer	LYG	6131	SCHED	09/19/2020 19:53:18	24	36	204	41	065:14:55.80 N	096:25:06.00 W
Summer	LYG	6131	SCHED	09/19/2020 19:55:23	25	1	147	173	065:15:10.19 N	096:24:34.79 W
Summer	LYG	6131	SCHED	09/19/2020 19:57:34	26	10	173	132	065:15:11.40 N	096:24:35.99 W
Summer	LYG	6131	SCHED	09/19/2020 19:59:51	27	44	186	52	065:14:54.00 N	096:25:02.39 W
Summer	LYG	6131	SCHED	09/19/2020 20:02:01	28	5	152	191	065:15:09.60 N	096:24:34.79 W
Summer	LYG	6131	SCHED	09/19/2020 20:04:09	29	11	199	122	065:15:10.19 N	096:24:35.40 W
Summer	LYG	6131	SCHED	09/19/2020 20:06:21	30	1	149	352	065:15:10.79 N	096:24:37.19 W
Summer	LYG	6131	SCHED	09/19/2020 20:08:30	31	1	162	317	065:14:55.80 N	096:25:18.60 W
Summer	LYG	6131	SCHED	09/19/2020 20:10:39	32	1	153	272	065:15:11.40 N	096:24:39.59 W
Summer	LYG	6131	SCHED	09/19/2020 20:12:48	33	18	218	335	065:15:11.99 N	096:24:39.59 W
Summer	LYG	6131	SCHED	09/19/2020 20:14:58	34	16	256	161	065:15:03.60 N	096:25:16.19 W
Summer	LYG	6131	SCHED	09/19/2020 20:17:06	35	5	188	236	065:15:14.40 N	096:24:50.40 W
Summer	LYG	6131	SCHED	09/19/2020 20:19:19	36	58	160	219	065:15:06.60 N	096:25:19.19 W
Summer	LYG	6131	ARRIVAL	09/19/2020 20:20:32	2	0	129	146	065:14:58.80 N	096:25:18.60 W
Summer	LYG	6131	XML_FLIGHT_SU MMARY	09/19/2020 20:20:33	0	0	0	0		
Summer	LYG	6132	DEPARTURE	09/19/2020 20:21:48	3	42	171	36	065:15:15.60 N	096:25:10.80 W
Summer	LYG	6132	ARRIVAL	09/19/2020 20:22:53	3	0	143	89	065:15:15.00 N	096:25:00.60 W
Summer	LYG	6132	SCHED	09/19/2020 20:28:05	37	2	146	295	065:15:16.19 N	096:25:00.00 W
Summer	LYG	6132	POWER_ON	09/19/2020 20:42:05	NA	NA	NA	NA		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6132	SCHED	09/19/2020 20:43:51	1	76	167	13	065:15:20.99 N	096:24:35.40 W
Summer	LYG	6132	DEPARTURE	09/19/2020 20:43:57	1	85	179	354	065:15:25.20 N	096:24:36.60 W
Summer	LYG	6132	SCHED	09/19/2020 20:46:03	2	131	583	321	065:19:30.59 N	096:31:05.40 W
Summer	LYG	6132	SCHED	09/19/2020 20:48:09	3	141	545	339	065:23:38.99 N	096:36:19.19 W
Summer	LYG	6132	SCHED	09/19/2020 20:50:16	4	0	160	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6132	ARRIVAL	09/19/2020 20:50:33	1	0	160	305	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6132	XML_FLIGHT_SUMMARY	09/19/2020 20:50:34	0	0	0	0		
Summer	LYG	6133	POWER_ON	09/19/2020 21:04:09	NA	NA	NA	NA		
Summer	LYG	6133	SCHED	09/19/2020 21:05:06	1	3	171	298	065:24:18.60 N	096:40:40.80 W
Summer	LYG	6133	DEPARTURE	09/19/2020 21:06:51	1	58	256	75	065:24:19.19 N	096:39:57.60 W
Summer	LYG	6133	SCHED	09/19/2020 21:08:59	2	64	377	144	065:23:19.80 N	096:35:43.80 W
Summer	LYG	6133	SCHED	09/19/2020 21:12:03	3	66	458	150	065:21:02.99 N	096:32:10.80 W
Summer	LYG	6133	SCHED	09/19/2020 21:14:10	4	66	547	148	065:18:34.20 N	096:28:44.39 W
Summer	LYG	6133	SCHED	09/19/2020 21:16:15	5	77	477	152	065:16:27.00 N	096:25:36.59 W
Summer	LYG	6133	SCHED	09/19/2020 21:18:21	6	1	184	135	065:15:15.60 N	096:24:57.60 W
Summer	LYG	6133	SCHED	09/19/2020 21:20:34	7	97	460	325	065:16:45.00 N	096:26:49.19 W
Summer	LYG	6133	SCHED	09/19/2020 21:22:42	8	109	657	329	065:19:47.40 N	096:32:00.60 W
Summer	LYG	6133	SCHED	09/19/2020 21:24:56	9	108	644	336	065:23:18.00 N	096:35:25.80 W
Summer	LYG	6133	SCHED	09/19/2020 21:27:06	10	3	198	237	065:24:17.39 N	096:40:40.80 W
Summer	LYG	6133	SCHED	09/19/2020 21:29:19	11	0	158	283	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6133	ARRIVAL	09/19/2020 21:29:34	1	0	158	283	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6133	XML_FLIGHT_SUMMARY	09/19/2020 21:29:35	0	0	0	0		
Summer	LYG	6134	POWER_ON	09/19/2020 23:02:38	NA	NA	NA	NA		
Summer	LYG	6134	DEPARTURE	09/19/2020 23:05:31	1	62	203	71	065:24:19.19 N	096:39:59.39 W
Summer	LYG	6134	SCHED	09/19/2020 23:07:14	1	83	480	148	065:21:49.79 N	096:34:37.19 W
Summer	LYG	6134	SCHED	09/19/2020 23:09:20	2	90	561	148	065:18:47.39 N	096:29:48.59 W
Summer	LYG	6134	SCHED	09/19/2020 23:11:26	3	88	361	155	065:15:55.20 N	096:26:21.00 W
Summer	LYG	6134	ARRIVAL	09/19/2020 23:13:22	1	0	147	104	065:15:16.19 N	096:25:00.00 W
Summer	LYG	6134	XML_FLIGHT_SUMMARY	09/19/2020 23:13:23	0	0	0	0		
Summer	LYG	6134	SCHED	09/19/2020 23:18:27	4	0	150	104	065:15:16.19 N	096:25:00.00 W
Summer	LYG	6135	DEPARTURE	09/19/2020 23:19:56	2	81	198	12	065:15:24.59 N	096:24:30.60 W
Summer	LYG	6135	SCHED	09/19/2020 23:22:03	5	124	627	327	065:18:57.60 N	096:29:48.00 W
Summer	LYG	6135	SCHED	09/19/2020 23:24:21	6	132	542	338	065:22:56.99 N	096:35:00.00 W
Summer	LYG	6135	SCHED	09/19/2020 23:26:37	7	0	162	320	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6135	ARRIVAL	09/19/2020 23:27:14	2	0	158	320	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6135	XML_FLIGHT_SUMMARY	09/19/2020 23:27:15	0	0	0	0		
Summer	LYG	6136	POWER_ON	09/20/2020 11:59:06	NA	NA	NA	NA		
Summer	LYG	6136	SCHED	09/20/2020 12:00:00	1	0	0	0	065:24:18.60 N	096:40:40.80 W
Summer	LYG	6136	DEPARTURE	09/20/2020 12:03:32	1	115	164	154	065:21:18.00 N	096:36:04.20 W
Summer	LYG	6136	SCHED	09/20/2020 12:06:16	2	110	282	142	065:17:51.60 N	096:27:46.79 W
Summer	LYG	6136	SCHED	09/20/2020 12:08:22	3	2	146	166	065:15:16.19 N	096:25:00.60 W
Summer	LYG	6136	ARRIVAL	09/20/2020 12:09:14	1	0	145	137	065:15:16.19 N	096:25:00.00 W
Summer	LYG	6136	XML_FLIGHT_SUMMARY	09/20/2020 12:09:15	0	0	0	0		
Summer	LYG	6137	DEPARTURE	09/20/2020 12:12:17	2	61	196	282	065:15:05.99 N	096:25:28.79 W
Summer	LYG	6137	SCHED	09/20/2020 12:14:28	4	96	294	330	065:18:01.79 N	096:29:30.60 W
Summer	LYG	6137	SCHED	09/20/2020 12:16:37	5	99	273	331	065:21:09.00 N	096:33:21.00 W
Summer	LYG	6137	SCHED	09/20/2020 12:18:42	6	101	242	315	065:24:07.19 N	096:37:05.40 W
Summer	LYG	6137	SCHED	09/20/2020 12:20:56	7	0	159	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6137	ARRIVAL	09/20/2020 12:21:21	2	0	160	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6137	XML_FLIGHT_SUMMARY	09/20/2020 12:21:22	0	0	0	0		
Summer	LYG	6137	SCHED	09/20/2020 12:26:27	8	5	190	70	065:24:16.80 N	096:40:40.80 W
Summer	LYG	6138	DEPARTURE	09/20/2020 12:26:58	3	65	251	27	065:24:35.40 N	096:40:28.19 W
Summer	LYG	6138	SCHED	09/20/2020 12:29:08	9	85	285	165	065:23:06.59 N	096:35:40.80 W
Summer	LYG	6138	SCHED	09/20/2020 12:31:17	10	89	256	154	065:20:15.00 N	096:33:01.19 W
Summer	LYG	6138	SCHED	09/20/2020 12:33:30	11	86	288	152	065:17:30.59 N	096:29:30.00 W
Summer	LYG	6138	SCHED	09/20/2020 12:35:38	12	35	210	235	065:15:15.00 N	096:24:45.60 W
Summer	LYG	6138	SCHED	09/20/2020 12:37:46	13	65	239	324	065:15:31.20 N	096:25:22.80 W
Summer	LYG	6138	SCHED	09/20/2020 12:39:56	14	83	263	325	065:17:54.00 N	096:28:32.99 W
Summer	LYG	6138	SCHED	09/20/2020 12:42:01	15	84	256	328	065:20:11.40 N	096:32:55.80 W
Summer	LYG	6138	SCHED	09/20/2020 12:44:07	16	87	246	351	065:22:51.60 N	096:35:54.59 W
Summer	LYG	6138	SCHED	09/20/2020 12:46:12	17	51	222	267	065:24:15.59 N	096:40:18.60 W
Summer	LYG	6138	SCHED	09/20/2020 12:48:19	18	0	162	347	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6138	ARRIVAL	09/20/2020 12:48:42	3	0	162	347	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6138	XML_FLIGHT_SUMMARY	09/20/2020 12:48:43	0	0	0	0		
Summer	LYG	6139	POWER_ON	09/20/2020 21:23:14	NA	NA	NA	NA		
Summer	LYG	6139	SCHED	09/20/2020 21:24:18	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6139	DEPARTURE	09/20/2020 21:29:06	1	103	162	174	065:22:03.59 N	096:35:22.19 W
Summer	LYG	6139	SCHED	09/20/2020 21:32:47	2	104	421	149	065:16:45.00 N	096:26:58.20 W
Summer	LYG	6139	SCHED	09/20/2020 21:34:56	3	45	215	334	065:15:23.99 N	096:25:07.80 W
Summer	LYG	6139	SCHED	09/20/2020 21:37:05	4	77	406	323	065:17:14.40 N	096:28:14.40 W
Summer	LYG	6139	SCHED	09/20/2020 21:39:12	5	70	410	328	065:19:25.80 N	096:31:51.00 W
Summer	LYG	6139	SCHED	09/20/2020 21:41:19	6	77	430	330	065:21:39.60 N	096:34:52.19 W
Summer	LYG	6139	SCHED	09/20/2020 21:43:30	7	80	356	319	065:24:07.80 N	096:36:53.99 W
Summer	LYG	6139	SCHED	09/20/2020 21:45:36	8	1	193	30	065:24:17.39 N	096:40:41.40 W
Summer	LYG	6139	SCHED	09/20/2020 21:47:44	9	119	436	150	065:23:13.20 N	096:35:19.79 W
Summer	LYG	6139	SCHED	09/20/2020 21:49:55	10	116	439	149	065:19:29.39 N	096:30:28.79 W
Summer	LYG	6139	SCHED	09/20/2020 21:52:01	11	111	351	138	065:15:48.00 N	096:25:14.39 W
Summer	LYG	6139	SCHED	09/20/2020 21:54:08	12	1	182	333	065:15:16.19 N	096:24:57.00 W
Summer	LYG	6139	SCHED	09/20/2020 21:56:14	13	79	386	324	065:17:03.60 N	096:27:41.40 W
Summer	LYG	6139	SCHED	09/20/2020 21:58:23	14	78	433	319	065:19:18.00 N	096:31:19.79 W
Summer	LYG	6139	SCHED	09/20/2020 22:00:31	15	74	415	336	065:21:35.99 N	096:34:58.79 W
Summer	LYG	6139	SCHED	09/20/2020 22:02:56	16	83	366	313	065:24:10.80 N	096:37:06.00 W
Summer	LYG	6139	SCHED	09/20/2020 22:05:08	17	1	195	244	065:24:16.80 N	096:40:41.99 W
Summer	LYG	6139	SCHED	09/20/2020 22:07:17	18	100	390	161	065:23:27.60 N	096:35:59.39 W
Summer	LYG	6139	SCHED	09/20/2020 22:09:23	19	111	411	148	065:20:01.20 N	096:32:41.39 W
Summer	LYG	6139	SCHED	09/20/2020 22:11:29	20	112	399	140	065:17:03.60 N	096:27:10.20 W
Summer	LYG	6139	SCHED	09/20/2020 22:13:37	21	1	148	339	065:15:10.19 N	096:24:34.79 W
Summer	LYG	6139	SCHED	09/20/2020 22:15:48	22	38	205	352	065:15:16.19 N	096:24:35.99 W
Summer	LYG	6139	SCHED	09/20/2020 22:17:55	23	68	430	325	065:17:08.99 N	096:27:54.59 W
Summer	LYG	6139	SCHED	09/20/2020 22:20:10	24	78	419	318	065:19:16.20 N	096:31:31.79 W
Summer	LYG	6139	SCHED	09/20/2020 22:22:20	25	76	409	330	065:21:46.79 N	096:35:05.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	LYG	6139	SCHED	09/20/2020 22:24:27	26	80	351	309	065:24:10.80 N	096:37:10.79 W
Summer	LYG	6139	SCHED	09/20/2020 22:26:34	27	10	202	23	065:24:18.00 N	096:40:40.80 W
Summer	LYG	6139	ARRIVAL	09/20/2020 22:28:13	1	0	164	281	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6139	XML_FLIGHT_SUMMARY	09/20/2020 22:28:14	0	0	0	0		
Summer	LYG	6140	POWER_ON	09/20/2020 23:02:14	NA	NA	NA	NA		
Summer	LYG	6140	SCHED	09/20/2020 23:03:09	1	17	177	20	065:24:19.19 N	096:40:38.99 W
Summer	LYG	6140	DEPARTURE	09/20/2020 23:03:17	1	73	213	52	065:24:34.79 N	096:40:20.39 W
Summer	LYG	6140	SCHED	09/20/2020 23:05:27	2	123	370	146	065:21:37.19 N	096:35:04.20 W
Summer	LYG	6140	SCHED	09/20/2020 23:07:37	3	126	406	145	065:17:43.80 N	096:29:17.39 W
Summer	LYG	6140	SCHED	09/20/2020 23:09:42	4	1	141	348	065:15:14.40 N	096:24:57.00 W
Summer	LYG	6140	ARRIVAL	09/20/2020 23:10:52	1	0	141	326	065:15:15.00 N	096:24:57.00 W
Summer	LYG	6140	XML_FLIGHT_SUMMARY	09/20/2020 23:10:53	0	0	0	0		
Summer	LYG	6140	SCHED	09/20/2020 23:15:57	5	0	142	326	065:15:15.00 N	096:24:57.00 W
Summer	LYG	6141	DEPARTURE	09/20/2020 23:18:05	2	61	203	335	065:15:28.79 N	096:25:23.39 W
Summer	LYG	6141	SCHED	09/20/2020 23:20:13	6	93	364	325	065:17:55.19 N	096:29:23.40 W
Summer	LYG	6141	SCHED	09/20/2020 23:22:19	7	96	363	331	065:20:34.19 N	096:33:53.40 W
Summer	LYG	6141	SCHED	09/20/2020 23:24:30	8	95	325	341	065:23:40.79 N	096:36:10.20 W
Summer	LYG	6141	SCHED	09/20/2020 23:26:35	9	0	160	301	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6141	ARRIVAL	09/20/2020 23:27:05	2	0	161	301	065:24:18.60 N	096:40:40.20 W
Summer	LYG	6141	XML_FLIGHT_SUMMARY	09/20/2020 23:27:06	0	0	0	0		
Fall	LYG	6142	POWER_ON	09/21/2020 11:52:02	NA	NA	NA	NA		
Fall	LYG	6142	SCHED	09/21/2020 11:53:34	1	0	102	353	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6142	DEPARTURE	09/21/2020 11:54:02	1	73	180	73	065:24:20.39 N	096:39:52.19 W
Fall	LYG	6142	SCHED	09/21/2020 11:56:10	2	97	230	152	065:21:37.19 N	096:37:19.79 W
Fall	LYG	6142	SCHED	09/21/2020 11:58:18	3	104	276	141	065:18:41.39 N	096:32:11.40 W
Fall	LYG	6142	SCHED	09/21/2020 12:00:25	4	107	294	130	065:15:54.00 N	096:25:55.79 W
Fall	LYG	6142	SCHED	09/21/2020 12:02:41	5	1	143	213	065:15:15.60 N	096:25:00.60 W
Fall	LYG	6142	ARRIVAL	09/21/2020 12:03:23	1	0	145	130	065:15:15.60 N	096:25:00.60 W
Fall	LYG	6142	XML_FLIGHT_SUMMARY	09/21/2020 12:03:24	0	0	0	0		
Fall	LYG	6143	DEPARTURE	09/21/2020 12:08:35	2	72	193	345	065:15:28.79 N	096:24:45.60 W
Fall	LYG	6143	SCHED	09/21/2020 12:10:44	6	108	321	321	065:19:04.79 N	096:31:47.39 W
Fall	LYG	6143	SCHED	09/21/2020 12:12:53	7	109	239	353	065:22:31.19 N	096:36:08.40 W
Fall	LYG	6143	SCHED	09/21/2020 12:15:04	8	58	186	269	065:24:15.59 N	096:40:19.79 W
Fall	LYG	6143	ARRIVAL	09/21/2020 12:16:27	2	0	158	282	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6143	XML_FLIGHT_SUMMARY	09/21/2020 12:16:28	0	0	0	0		
Fall	LYG	6144	DEPARTURE	09/21/2020 12:18:57	3	79	193	79	065:24:20.39 N	096:39:51.00 W
Fall	LYG	6144	SCHED	09/21/2020 12:21:04	9	103	213	168	065:21:30.00 N	096:36:14.39 W
Fall	LYG	6144	SCHED	09/21/2020 12:23:11	10	112	237	143	065:18:26.40 N	096:31:10.80 W
Fall	LYG	6144	SCHED	09/21/2020 12:25:20	11	79	212	160	065:15:34.20 N	096:25:26.99 W
Fall	LYG	6144	SCHED	09/21/2020 12:27:27	12	3	140	139	065:15:15.00 N	096:24:59.39 W
Fall	LYG	6144	SCHED	09/21/2020 12:29:34	13	15	130	138	065:15:00.00 N	096:25:21.00 W
Fall	LYG	6144	ARRIVAL	09/21/2020 12:30:38	3	0	126	147	065:14:58.80 N	096:25:19.19 W
Fall	LYG	6144	XML_FLIGHT_SUMMARY	09/21/2020 12:30:39	0	0	0	0		
Fall	LYG	6145	DEPARTURE	09/21/2020 12:33:35	4	50	160	25	065:15:16.79 N	096:25:09.00 W
Fall	LYG	6145	ARRIVAL	09/21/2020 12:34:52	4	0	142	132	065:15:19.20 N	096:24:57.00 W
Fall	LYG	6145	DEPARTURE	09/21/2020 12:35:35	5	50	159	200	065:15:04.79 N	096:25:23.99 W
Fall	LYG	6145	SCHED	09/21/2020 12:37:46	14	0	149	220	065:14:57.60 N	096:25:18.60 W
Fall	LYG	6145	SCHED	09/21/2020 12:39:56	15	2	165	212	065:15:19.20 N	096:24:57.00 W
Fall	LYG	6145	SCHED	09/21/2020 12:42:09	16	8	175	114	065:15:19.79 N	096:24:57.00 W
Fall	LYG	6145	SCHED	09/21/2020 12:44:31	17	54	200	4	065:15:09.60 N	096:25:13.20 W
Fall	LYG	6145	SCHED	09/21/2020 12:46:41	18	1	156	294	065:14:58.19 N	096:25:18.60 W
Fall	LYG	6145	SCHED	09/21/2020 12:48:48	19	51	191	169	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6145	SCHED	09/21/2020 12:51:03	20	37	194	48	065:15:19.79 N	096:25:06.00 W
Fall	LYG	6145	SCHED	09/21/2020 12:53:09	21	8	161	186	065:15:16.19 N	096:24:59.39 W
Fall	LYG	6145	ARRIVAL	09/21/2020 12:55:15	5	0	146	78	065:15:19.79 N	096:24:58.20 W
Fall	LYG	6145	DEPARTURE	09/21/2020 12:56:01	6	48	152	199	065:15:04.79 N	096:25:24.59 W
Fall	LYG	6145	ARRIVAL	09/21/2020 12:57:22	6	0	124	141	065:14:58.80 N	096:25:18.00 W
Fall	LYG	6145	DEPARTURE	09/21/2020 12:58:41	7	55	162	29	065:15:17.99 N	096:25:09.00 W
Fall	LYG	6145	ARRIVAL	09/21/2020 12:59:45	7	0	147	161	065:15:19.79 N	096:24:58.20 W
Fall	LYG	6145	DEPARTURE	09/21/2020 13:00:24	8	50	156	202	065:15:04.79 N	096:25:23.99 W
Fall	LYG	6145	ARRIVAL	09/21/2020 13:01:34	8	0	133	122	065:14:58.80 N	096:25:18.60 W
Fall	LYG	6145	DEPARTURE	09/21/2020 13:02:08	9	42	163	29	065:15:15.00 N	096:25:09.59 W
Fall	LYG	6145	ARRIVAL	09/21/2020 13:03:25	9	0	148	80	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6145	POWER_ON	09/21/2020 13:57:20	NA	NA	NA	NA		
Fall	LYG	6145	DEPARTURE	09/21/2020 13:58:09	1	78	203	3	065:15:27.60 N	096:24:34.79 W
Fall	LYG	6145	SCHED	09/21/2020 13:58:16	1	82	228	352	065:15:35.40 N	096:24:37.19 W
Fall	LYG	6145	SCHED	09/21/2020 14:00:26	2	120	243	313	065:18:59.40 N	096:30:45.00 W
Fall	LYG	6145	SCHED	09/21/2020 14:02:34	3	113	238	3	065:22:15.59 N	096:36:13.20 W
Fall	LYG	6145	SCHED	09/21/2020 14:04:46	4	16	168	293	065:24:18.00 N	096:40:37.20 W
Fall	LYG	6145	ARRIVAL	09/21/2020 14:05:44	1	0	158	316	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6145	XML_FLIGHT_SUMMARY	09/21/2020 14:05:45	0	0	0	0		
Fall	LYG	6146	POWER_ON	09/21/2020 14:18:56	NA	NA	NA	NA		
Fall	LYG	6146	SCHED	09/21/2020 14:20:43	1	4	181	208	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6146	DEPARTURE	09/21/2020 14:21:07	1	67	214	71	065:24:19.80 N	096:39:57.60 W
Fall	LYG	6146	SCHED	09/21/2020 14:23:13	2	61	241	166	065:22:38.99 N	096:38:15.59 W
Fall	LYG	6146	SCHED	09/21/2020 14:25:20	3	75	252	142	065:20:35.39 N	096:35:46.79 W
Fall	LYG	6146	SCHED	09/21/2020 14:27:25	4	70	246	141	065:18:45.60 N	096:31:57.60 W
Fall	LYG	6146	SCHED	09/21/2020 14:29:35	5	67	257	138	065:16:58.19 N	096:28:26.40 W
Fall	LYG	6146	SCHED	09/21/2020 14:31:41	6	11	178	128	065:15:16.19 N	096:24:58.79 W
Fall	LYG	6146	SCHED	09/21/2020 14:33:49	7	0	159	297	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6146	SCHED	09/21/2020 14:36:03	8	92	251	321	065:17:19.20 N	096:27:47.39 W
Fall	LYG	6146	SCHED	09/21/2020 14:38:11	9	96	224	321	065:20:22.19 N	096:31:57.60 W
Fall	LYG	6146	SCHED	09/21/2020 14:40:20	10	85	244	360	065:22:57.60 N	096:35:49.19 W
Fall	LYG	6146	SCHED	09/21/2020 14:42:28	11	55	222	201	065:24:30.00 N	096:40:32.39 W
Fall	LYG	6146	SCHED	09/21/2020 14:44:37	12	1	168	323	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6146	ARRIVAL	09/21/2020 14:45:32	1	0	162	243	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6146	XML_FLIGHT_SUMMARY	09/21/2020 14:45:33	0	0	0	0		
Fall	LYG	6147	POWER_ON	09/21/2020 16:33:52	NA	NA	NA	NA		
Fall	LYG	6147	SCHED	09/21/2020 16:35:24	1	0	163	227	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6147	POWER_ON	09/21/2020 18:22:11	NA	NA	NA	NA		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6147	SCHED	09/21/2020 18:23:08	1	0	158	0	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6147	DEPARTURE	09/21/2020 18:27:24	1	72	228	74	065:24:19.19 N	096:39:56.39 W
Fall	LYG	6147	SCHED	09/21/2020 18:29:29	2	88	453	168	065:22:13.20 N	096:37:29.39 W
Fall	LYG	6147	SCHED	09/21/2020 18:31:37	3	92	444	136	065:19:40.20 N	096:33:07.80 W
Fall	LYG	6147	SCHED	09/21/2020 18:33:43	4	92	411	144	065:17:13.80 N	096:28:08.39 W
Fall	LYG	6147	SCHED	09/21/2020 18:36:18	5	1	170	220	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6147	SCHED	09/21/2020 18:38:24	6	0	138	307	065:15:15.00 N	096:25:00.60 W
Fall	LYG	6147	ARRIVAL	09/21/2020 18:38:40	1	0	139	307	065:15:15.00 N	096:25:00.60 W
Fall	LYG	6147	XML_FLIGHT_SUMMARY	09/21/2020 18:38:41	0	0	0	0		
Fall	LYG	6148	DEPARTURE	09/21/2020 18:40:58	2	76	207	349	065:15:33.59 N	096:24:40.20 W
Fall	LYG	6148	SCHED	09/21/2020 18:43:05	7	80	493	321	065:17:49.19 N	096:28:36.00 W
Fall	LYG	6148	SCHED	09/21/2020 18:45:14	8	90	471	329	065:20:22.80 N	096:33:14.39 W
Fall	LYG	6148	SCHED	09/21/2020 18:47:26	9	86	457	352	065:23:10.20 N	096:35:53.40 W
Fall	LYG	6148	SCHED	09/21/2020 18:49:34	10	36	208	203	065:24:22.19 N	096:40:35.40 W
Fall	LYG	6148	SCHED	09/21/2020 18:51:39	11	1	181	127	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6148	SCHED	09/21/2020 18:53:57	12	85	348	166	065:22:53.40 N	096:37:34.19 W
Fall	LYG	6148	SCHED	09/21/2020 18:56:09	13	76	402	149	065:20:08.40 N	096:34:51.60 W
Fall	LYG	6148	SCHED	09/21/2020 18:58:15	14	89	459	153	065:17:34.20 N	096:31:00.60 W
Fall	LYG	6148	SCHED	09/21/2020 19:00:22	15	79	296	122	065:15:26.40 N	096:25:31.79 W
Fall	LYG	6148	SCHED	09/21/2020 19:02:37	16	7	175	65	065:15:16.19 N	096:24:56.39 W
Fall	LYG	6148	SCHED	09/21/2020 19:04:45	17	106	477	327	065:18:07.20 N	096:29:28.79 W
Fall	LYG	6148	SCHED	09/21/2020 19:06:50	18	107	392	330	065:21:10.79 N	096:34:24.00 W
Fall	LYG	6148	SCHED	09/21/2020 19:09:12	19	100	511	322	065:24:25.19 N	096:37:52.20 W
Fall	LYG	6148	SCHED	09/21/2020 19:11:24	20	66	247	86	065:24:18.00 N	096:39:45.60 W
Fall	LYG	6148	SCHED	09/21/2020 19:14:20	21	81	469	141	065:21:17.39 N	096:36:17.39 W
Fall	LYG	6148	SCHED	09/21/2020 19:16:26	22	90	431	142	065:18:41.39 N	096:31:10.20 W
Fall	LYG	6148	SCHED	09/21/2020 19:18:32	23	89	375	147	065:16:12.60 N	096:26:55.20 W
Fall	LYG	6148	SCHED	09/21/2020 19:20:42	24	91	249	328	065:15:45.00 N	096:25:05.40 W
Fall	LYG	6148	SCHED	09/21/2020 19:22:48	25	108	503	326	065:18:43.19 N	096:30:14.40 W
Fall	LYG	6148	SCHED	09/21/2020 19:25:01	26	101	446	334	065:21:48.59 N	096:35:00.60 W
Fall	LYG	6148	SCHED	09/21/2020 19:27:11	27	103	275	290	065:24:36.60 N	096:39:33.60 W
Fall	LYG	6148	ARRIVAL	09/21/2020 19:29:10	2	0	166	140	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6148	XML_FLIGHT_SUMMARY	09/21/2020 19:29:11	0	0	0	0		
Fall	LYG	6149	POWER_ON	09/21/2020 19:59:29	NA	NA	NA	NA		
Fall	LYG	6149	SCHED	09/21/2020 20:00:28	1	0	165	338	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6149	DEPARTURE	09/21/2020 20:03:53	1	76	213	81	065:24:18.60 N	096:39:51.00 W
Fall	LYG	6149	SCHED	09/21/2020 20:06:01	2	113	475	146	065:21:36.60 N	096:35:10.20 W
Fall	LYG	6149	SCHED	09/21/2020 20:08:12	3	110	391	147	065:18:22.20 N	096:29:30.00 W
Fall	LYG	6149	SCHED	09/21/2020 20:10:17	4	34	170	104	065:15:16.79 N	096:25:05.40 W
Fall	LYG	6149	ARRIVAL	09/21/2020 20:11:24	1	0	142	184	065:15:15.60 N	096:25:00.00 W
Fall	LYG	6149	XML_FLIGHT_SUMMARY	09/21/2020 20:11:25	0	0	0	0		
Fall	LYG	6150	DEPARTURE	09/21/2020 20:13:14	2	79	212	353	065:15:36.00 N	096:24:45.60 W
Fall	LYG	6150	SCHED	09/21/2020 20:15:30	5	119	452	323	065:19:04.79 N	096:30:22.80 W
Fall	LYG	6150	SCHED	09/21/2020 20:17:44	6	121	427	344	065:22:45.60 N	096:35:30.59 W
Fall	LYG	6150	SCHED	09/21/2020 20:19:51	7	1	161	277	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6150	ARRIVAL	09/21/2020 20:20:44	2	0	163	263	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6150	XML_FLIGHT_SUMMARY	09/21/2020 20:20:45	0	0	0	0		
Fall	LYG	6151	POWER_ON	09/21/2020 20:34:21	NA	NA	NA	NA		
Fall	LYG	6151	SCHED	09/21/2020 20:35:16	1	0	160	159	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6151	DEPARTURE	09/21/2020 20:37:51	1	67	244	72	065:24:19.19 N	096:39:58.20 W
Fall	LYG	6151	SCHED	09/21/2020 20:40:00	2	87	422	169	065:22:03.00 N	096:37:10.20 W
Fall	LYG	6151	SCHED	09/21/2020 20:42:13	3	85	437	153	065:19:30.00 N	096:33:14.39 W
Fall	LYG	6151	SCHED	09/21/2020 20:44:30	4	91	384	144	065:17:02.40 N	096:28:29.39 W
Fall	LYG	6151	SCHED	09/21/2020 20:46:47	5	1	182	167	065:15:15.60 N	096:24:58.20 W
Fall	LYG	6151	SCHED	09/21/2020 20:48:58	6	82	364	322	065:16:33.59 N	096:26:09.60 W
Fall	LYG	6151	SCHED	09/21/2020 20:51:10	7	94	461	326	065:19:01.19 N	096:31:00.60 W
Fall	LYG	6151	SCHED	09/21/2020 20:53:20	8	96	469	338	065:21:59.40 N	096:35:20.40 W
Fall	LYG	6151	SCHED	09/21/2020 20:55:26	9	94	393	287	065:24:34.79 N	096:38:57.00 W
Fall	LYG	6151	SCHED	09/21/2020 20:57:38	10	0	199	93	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6151	SCHED	09/21/2020 20:59:51	11	87	457	163	065:22:55.79 N	096:37:09.00 W
Fall	LYG	6151	SCHED	09/21/2020 21:01:56	12	89	433	149	065:20:02.39 N	096:34:07.20 W
Fall	LYG	6151	SCHED	09/21/2020 21:04:02	13	91	419	138	065:17:38.39 N	096:29:49.79 W
Fall	LYG	6151	SCHED	09/21/2020 21:06:15	14	40	253	126	065:15:30.59 N	096:25:34.19 W
Fall	LYG	6151	SCHED	09/21/2020 21:08:22	15	0	182	281	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6151	SCHED	09/21/2020 21:10:28	16	59	222	50	065:15:18.59 N	096:24:36.60 W
Fall	LYG	6151	SCHED	09/21/2020 21:12:42	17	88	345	316	065:17:48.60 N	096:27:51.59 W
Fall	LYG	6151	SCHED	09/21/2020 21:14:48	18	96	433	326	065:20:24.59 N	096:33:29.39 W
Fall	LYG	6151	SCHED	09/21/2020 21:17:02	19	100	392	338	065:23:34.19 N	096:36:03.59 W
Fall	LYG	6151	SCHED	09/21/2020 21:19:09	20	1	199	159	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6151	SCHED	09/21/2020 21:21:15	21	0	160	284	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6151	ARRIVAL	09/21/2020 21:21:31	1	0	161	284	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6151	XML_FLIGHT_SUMMARY	09/21/2020 21:21:32	0	0	0	0		
Fall	LYG	6152	POWER_ON	09/21/2020 23:52:43	NA	NA	NA	NA		
Fall	LYG	6152	DEPARTURE	09/21/2020 23:54:53	1	73	200	75	065:24:19.80 N	096:39:52.19 W
Fall	LYG	6152	SCHED	09/21/2020 23:55:00	1	90	329	151	065:23:23.39 N	096:37:26.99 W
Fall	LYG	6152	SCHED	09/21/2020 23:57:05	2	110	342	145	065:19:56.40 N	096:33:47.39 W
Fall	LYG	6152	SCHED	09/21/2020 23:59:11	3	92	219	145	065:16:56.99 N	096:28:56.99 W
Fall	LYG	6152	SCHED	09/22/2020 00:01:16	4	4	145	152	065:15:15.60 N	096:25:00.60 W
Fall	LYG	6152	ARRIVAL	09/22/2020 00:02:29	1	0	143	70	065:15:15.60 N	096:24:59.39 W
Fall	LYG	6152	XML_FLIGHT_SUMMARY	09/22/2020 00:02:30	0	0	0	0		
Fall	LYG	6152	SCHED	09/22/2020 00:07:34	5	0	142	70	065:15:15.60 N	096:24:59.39 W
Fall	LYG	6152	SCHED	09/22/2020 00:12:40	6	0	141	70	065:15:15.60 N	096:24:59.39 W
Fall	LYG	6153	DEPARTURE	09/22/2020 00:14:24	2	83	195	348	065:15:37.19 N	096:25:01.20 W
Fall	LYG	6153	SCHED	09/22/2020 00:16:30	7	103	202	321	065:18:41.39 N	096:30:04.79 W
Fall	LYG	6153	SCHED	09/22/2020 00:18:37	8	114	301	344	065:21:52.20 N	096:35:16.79 W
Fall	LYG	6153	SCHED	09/22/2020 00:20:49	9	81	198	210	065:24:35.40 N	096:40:26.40 W
Fall	LYG	6153	ARRIVAL	09/22/2020 00:22:14	2	0	158	317	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6153	XML_FLIGHT_SUMMARY	09/22/2020 00:22:15	0	0	0	0		
Fall	LYG	6154	POWER_ON	09/22/2020 11:55:10	NA	NA	NA	NA		
Fall	LYG	6154	SCHED	09/22/2020 11:56:11	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6154	DEPARTURE	09/22/2020 11:56:44	1	75	159	75	065:24:21.60 N	096:39:49.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6154	SCHED	09/22/2020 11:58:50	2	94	381	147	065:22:10.79 N	096:35:59.39 W
Fall	LYG	6154	SCHED	09/22/2020 12:01:03	3	99	371	143	065:19:24.00 N	096:31:17.39 W
Fall	LYG	6154	SCHED	09/22/2020 12:03:24	4	99	356	149	065:16:20.99 N	096:26:34.20 W
Fall	LYG	6154	SCHED	09/22/2020 12:05:31	5	0	142	94	065:15:15.60 N	096:24:59.39 W
Fall	LYG	6154	ARRIVAL	09/22/2020 12:05:39	1	0	142	94	065:15:15.60 N	096:24:59.39 W
Fall	LYG	6154	XML_FLIGHT_SUMMARY	09/22/2020 12:05:40	0	0	0	0		
Fall	LYG	6155	DEPARTURE	09/22/2020 12:09:59	2	77	193	322	065:15:30.00 N	096:24:54.59 W
Fall	LYG	6155	SCHED	09/22/2020 12:12:06	6	106	382	332	065:18:14.99 N	096:29:40.79 W
Fall	LYG	6155	SCHED	09/22/2020 12:14:18	7	110	359	330	065:21:31.80 N	096:34:26.99 W
Fall	LYG	6155	SCHED	09/22/2020 12:16:29	8	99	269	273	065:24:48.59 N	096:39:25.20 W
Fall	LYG	6155	ARRIVAL	09/22/2020 12:18:20	2	0	162	333	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6155	XML_FLIGHT_SUMMARY	09/22/2020 12:18:21	0	0	0	0		
Fall	LYG	6156	POWER_ON	09/22/2020 13:31:26	NA	NA	NA	NA		
Fall	LYG	6156	SCHED	09/22/2020 13:32:21	1	0	168	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6156	DEPARTURE	09/22/2020 13:34:11	1	71	274	73	065:24:20.39 N	096:39:55.79 W
Fall	LYG	6156	SCHED	09/22/2020 13:36:17	2	95	368	177	065:21:58.79 N	096:36:22.19 W
Fall	LYG	6156	SCHED	09/22/2020 13:38:23	3	94	398	144	065:19:08.99 N	096:33:01.79 W
Fall	LYG	6156	SCHED	09/22/2020 13:40:28	4	96	351	147	065:16:40.80 N	096:27:46.20 W
Fall	LYG	6156	SCHED	09/22/2020 13:42:33	5	0	181	152	065:15:15.60 N	096:24:57.60 W
Fall	LYG	6156	SCHED	09/22/2020 13:44:39	6	1	177	95	065:15:15.60 N	096:24:58.20 W
Fall	LYG	6156	SCHED	09/22/2020 13:46:47	7	88	392	324	065:17:10.79 N	096:27:48.59 W
Fall	LYG	6156	SCHED	09/22/2020 13:48:53	8	87	383	325	065:19:39.00 N	096:32:03.60 W
Fall	LYG	6156	SCHED	09/22/2020 13:51:04	9	90	341	340	065:22:17.39 N	096:35:40.20 W
Fall	LYG	6156	SCHED	09/22/2020 13:53:15	10	85	263	278	065:24:37.19 N	096:39:51.00 W
Fall	LYG	6156	SCHED	09/22/2020 13:55:20	11	1	164	336	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6156	ARRIVAL	09/22/2020 13:56:14	1	0	160	320	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6156	XML_FLIGHT_SUMMARY	09/22/2020 13:56:15	0	0	0	0		
Fall	LYG	6157	POWER_ON	09/22/2020 16:07:32	NA	NA	NA	NA		
Fall	LYG	6157	SCHED	09/22/2020 16:08:26	1	0	157	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6157	DEPARTURE	09/22/2020 16:09:33	1	79	176	85	065:24:19.80 N	096:39:50.40 W
Fall	LYG	6157	SCHED	09/22/2020 16:11:39	2	102	374	149	065:21:57.60 N	096:35:10.79 W
Fall	LYG	6157	SCHED	09/22/2020 16:13:44	3	108	377	142	065:19:00.60 N	096:30:24.59 W
Fall	LYG	6157	SCHED	09/22/2020 16:15:49	4	92	272	154	065:15:52.80 N	096:26:00.00 W
Fall	LYG	6157	ARRIVAL	09/22/2020 16:17:48	1	0	147	250	065:15:19.79 N	096:24:58.79 W
Fall	LYG	6157	XML_FLIGHT_SUMMARY	09/22/2020 16:17:49	0	0	0	0		
Fall	LYG	6158	POWER_ON	09/22/2020 16:41:46	NA	NA	NA	NA		
Fall	LYG	6158	SCHED	09/22/2020 16:42:42	1	1	151	13	065:15:19.79 N	096:24:58.79 W
Fall	LYG	6158	DEPARTURE	09/22/2020 16:45:18	1	61	198	20	065:15:18.59 N	096:25:08.39 W
Fall	LYG	6158	SCHED	09/22/2020 16:47:25	2	0	158	164	065:15:13.80 N	096:24:52.80 W
Fall	LYG	6158	SCHED	09/22/2020 16:49:31	3	1	166	209	065:15:13.80 N	096:24:52.80 W
Fall	LYG	6158	SCHED	09/22/2020 16:51:43	4	70	210	292	065:15:08.99 N	096:25:08.39 W
Fall	LYG	6158	SCHED	09/22/2020 16:53:51	5	6	174	161	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6158	SCHED	09/22/2020 16:56:00	6	50	233	6	065:15:18.59 N	096:24:41.40 W
Fall	LYG	6158	SCHED	09/22/2020 16:58:09	7	0	164	132	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6158	SCHED	09/22/2020 17:00:21	8	0	165	278	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6158	SCHED	09/22/2020 17:02:26	9	0	144	165	065:15:15.00 N	096:24:54.00 W
Fall	LYG	6158	ARRIVAL	09/22/2020 17:03:07	1	0	145	165	065:15:15.00 N	096:24:54.00 W
Fall	LYG	6158	POWER_ON	09/22/2020 17:36:32	NA	NA	NA	NA		
Fall	LYG	6158	SCHED	09/22/2020 17:37:27	1	0	145	355	065:15:15.00 N	096:24:54.00 W
Fall	LYG	6158	DEPARTURE	09/22/2020 17:37:53	1	81	183	3	065:15:20.99 N	096:24:23.99 W
Fall	LYG	6158	SCHED	09/22/2020 17:40:02	2	118	396	321	065:18:14.99 N	096:29:38.40 W
Fall	LYG	6158	SCHED	09/22/2020 17:42:15	3	117	424	338	065:21:42.60 N	096:34:49.19 W
Fall	LYG	6158	SCHED	09/22/2020 17:44:22	4	81	224	235	065:24:34.79 N	096:40:16.80 W
Fall	LYG	6158	ARRIVAL	09/22/2020 17:45:49	1	0	163	320	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6158	XML_FLIGHT_SUMMARY	09/22/2020 17:45:50	0	0	0	0		
Fall	LYG	6159	POWER_ON	09/22/2020 20:40:51	NA	NA	NA	NA		
Fall	LYG	6159	SCHED	09/22/2020 20:43:03	1	82	189	85	065:24:19.80 N	096:39:36.60 W
Fall	LYG	6159	DEPARTURE	09/22/2020 20:43:19	1	80	185	83	065:24:19.19 N	096:39:46.79 W
Fall	LYG	6159	SCHED	09/22/2020 20:45:31	2	110	374	132	065:21:06.59 N	096:33:46.19 W
Fall	LYG	6159	SCHED	09/22/2020 20:47:39	3	107	387	151	065:17:55.80 N	096:28:04.79 W
Fall	LYG	6159	SCHED	09/22/2020 20:49:57	4	2	142	123	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6159	ARRIVAL	09/22/2020 20:50:31	1	0	144	123	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6159	XML_FLIGHT_SUMMARY	09/22/2020 20:50:32	0	0	0	0		
Fall	LYG	6160	POWER_ON	09/22/2020 21:03:01	NA	NA	NA	NA		
Fall	LYG	6160	SCHED	09/22/2020 21:03:57	1	1	184	55	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6160	SCHED	09/22/2020 21:09:08	2	5	187	260	065:15:16.19 N	096:24:57.00 W
Fall	LYG	6160	SCHED	09/22/2020 21:14:19	3	6	182	136	065:15:14.40 N	096:24:53.40 W
Fall	LYG	6160	SCHED	09/22/2020 21:19:25	4	6	186	338	065:15:14.40 N	096:24:52.19 W
Fall	LYG	6160	SCHED	09/22/2020 21:24:32	5	12	190	321	065:15:15.60 N	096:24:54.59 W
Fall	LYG	6160	SCHED	09/22/2020 21:29:43	6	1	178	146	065:15:13.80 N	096:24:52.80 W
Fall	LYG	6160	DEPARTURE	09/22/2020 21:30:55	1	73	251	266	065:15:02.39 N	096:25:04.19 W
Fall	LYG	6160	SCHED	09/22/2020 21:33:02	7	1	176	291	065:15:15.60 N	096:24:57.60 W
Fall	LYG	6160	SCHED	09/22/2020 21:35:22	8	1	180	323	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6160	SCHED	09/22/2020 21:37:31	9	8	191	337	065:15:15.00 N	096:24:52.80 W
Fall	LYG	6160	SCHED	09/22/2020 21:39:37	10	0	187	334	065:15:13.80 N	096:24:52.80 W
Fall	LYG	6160	SCHED	09/22/2020 21:41:51	11	0	178	338	065:15:14.40 N	096:24:52.19 W
Fall	LYG	6160	SCHED	09/22/2020 21:44:04	12	7	183	294	065:15:16.19 N	096:24:55.79 W
Fall	LYG	6160	SCHED	09/22/2020 21:46:16	13	0	183	244	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6160	SCHED	09/22/2020 21:48:22	14	0	176	211	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6160	SCHED	09/22/2020 21:50:36	15	1	181	258	065:15:15.60 N	096:24:55.79 W
Fall	LYG	6160	SCHED	09/22/2020 21:52:45	16	1	178	132	065:15:16.19 N	096:24:57.60 W
Fall	LYG	6160	SCHED	09/22/2020 21:54:51	17	82	354	327	065:16:37.80 N	096:26:40.20 W
Fall	LYG	6160	SCHED	09/22/2020 21:56:59	18	79	492	324	065:18:52.80 N	096:30:37.79 W
Fall	LYG	6160	SCHED	09/22/2020 21:59:14	19	82	500	330	065:21:19.20 N	096:34:25.20 W
Fall	LYG	6160	SCHED	09/22/2020 22:02:08	20	79	338	305	065:24:28.80 N	096:39:06.00 W
Fall	LYG	6160	SCHED	09/22/2020 22:04:19	21	0	152	273	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6160	ARRIVAL	09/22/2020 22:04:53	1	0	154	273	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6160	XML_FLIGHT_SUMMARY	09/22/2020 22:04:54	0	0	0	0		
Fall	LYG	6160	SCHED	09/22/2020 22:09:59	22	0	152	273	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6161	DEPARTURE	09/22/2020 22:13:40	2	67	266	79	065:24:18.00 N	096:39:55.20 W
Fall	LYG	6161	SCHED	09/22/2020 22:15:46	23	84	409	151	065:22:15.00 N	096:36:16.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6161	SCHED	09/22/2020 22:17:58	24	88	411	146	065:19:45.00 N	096:32:19.20 W
Fall	LYG	6161	SCHED	09/22/2020 22:20:04	25	89	425	154	065:17:13.20 N	096:27:39.59 W
Fall	LYG	6161	SCHED	09/22/2020 22:22:09	26	6	211	141	065:15:14.40 N	096:24:54.59 W
Fall	LYG	6161	SCHED	09/22/2020 22:24:16	27	1	182	148	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6161	SCHED	09/22/2020 22:26:27	28	1	183	339	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6161	SCHED	09/22/2020 22:28:38	29	1	178	48	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6161	SCHED	09/22/2020 22:30:44	30	10	190	282	065:15:15.60 N	096:24:55.79 W
Fall	LYG	6161	SCHED	09/22/2020 22:32:50	31	0	178	226	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6161	SCHED	09/22/2020 22:34:55	32	4	193	134	065:15:13.80 N	096:24:54.00 W
Fall	LYG	6161	SCHED	09/22/2020 22:37:05	33	0	170	14	065:15:15.60 N	096:24:57.60 W
Fall	LYG	6161	SCHED	09/22/2020 22:39:16	34	1	174	179	065:15:13.80 N	096:24:52.80 W
Fall	LYG	6161	SCHED	09/22/2020 22:41:22	35	1	198	171	065:15:15.00 N	096:24:54.59 W
Fall	LYG	6161	SCHED	09/22/2020 22:43:27	36	1	212	226	065:15:14.40 N	096:24:53.40 W
Fall	LYG	6161	SCHED	09/22/2020 22:45:34	37	1	141	85	065:15:15.60 N	096:24:54.00 W
Fall	LYG	6161	ARRIVAL	09/22/2020 22:46:26	2	0	142	81	065:15:15.60 N	096:24:53.40 W
Fall	LYG	6161	XML_FLIGHT_SUMMARY	09/22/2020 22:46:27	0	0	0	0		
Fall	LYG	6162	DEPARTURE	09/22/2020 22:50:49	3	79	197	345	065:15:32.39 N	096:24:38.99 W
Fall	LYG	6162	SCHED	09/22/2020 22:53:39	38	118	534	324	065:19:10.79 N	096:30:58.80 W
Fall	LYG	6162	SCHED	09/22/2020 22:55:48	39	121	386	338	065:23:20.39 N	096:36:06.00 W
Fall	LYG	6162	SCHED	09/22/2020 22:57:53	40	0	161	266	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6162	ARRIVAL	09/22/2020 22:58:34	3	0	161	266	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6162	XML_FLIGHT_SUMMARY	09/22/2020 22:58:35	0	0	0	0		
Fall	LYG	6162	SCHED	09/22/2020 23:03:55	41	1	195	230	065:24:16.80 N	096:40:40.80 W
Fall	LYG	6163	DEPARTURE	09/22/2020 23:04:26	4	71	251	82	065:24:18.00 N	096:39:53.40 W
Fall	LYG	6163	SCHED	09/22/2020 23:06:32	42	82	411	161	065:21:58.20 N	096:37:20.40 W
Fall	LYG	6163	SCHED	09/22/2020 23:08:40	43	85	424	142	065:19:28.20 N	096:33:26.39 W
Fall	LYG	6163	SCHED	09/22/2020 23:10:50	44	87	386	141	065:17:14.40 N	096:28:18.60 W
Fall	LYG	6163	SCHED	09/22/2020 23:13:04	45	5	194	159	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6163	SCHED	09/22/2020 23:15:09	46	1	174	30	065:15:16.19 N	096:24:57.00 W
Fall	LYG	6163	SCHED	09/22/2020 23:17:15	47	87	349	325	065:16:33.59 N	096:26:20.39 W
Fall	LYG	6163	SCHED	09/22/2020 23:19:32	48	91	440	325	065:19:03.59 N	096:30:46.80 W
Fall	LYG	6163	SCHED	09/22/2020 23:21:40	49	96	460	336	065:22:05.40 N	096:35:13.79 W
Fall	LYG	6163	SCHED	09/22/2020 23:23:46	50	82	293	279	065:24:39.59 N	096:39:33.00 W
Fall	LYG	6163	SCHED	09/22/2020 23:25:54	51	4	197	352	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6163	ARRIVAL	09/22/2020 23:27:25	4	0	157	228	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6163	XML_FLIGHT_SUMMARY	09/22/2020 23:27:26	0	0	0	0		
Fall	LYG	6164	POWER_ON	09/22/2020 23:39:00	NA	NA	NA	NA		
Fall	LYG	6164	SCHED	09/22/2020 23:40:01	1	1	153	79	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6164	DEPARTURE	09/22/2020 23:40:18	1	75	193	79	065:24:19.19 N	096:39:52.80 W
Fall	LYG	6164	SCHED	09/22/2020 23:42:29	2	111	336	148	065:21:46.79 N	096:35:05.40 W
Fall	LYG	6164	SCHED	09/22/2020 23:44:39	3	108	379	145	065:18:34.20 N	096:29:44.39 W
Fall	LYG	6164	SCHED	09/22/2020 23:46:49	4	62	189	148	065:15:25.79 N	096:25:10.20 W
Fall	LYG	6164	ARRIVAL	09/22/2020 23:48:53	1	0	139	221	065:15:15.60 N	096:24:53.40 W
Fall	LYG	6164	XML_FLIGHT_SUMMARY	09/22/2020 23:48:54	0	0	0	0		
Fall	LYG	6165	DEPARTURE	09/22/2020 23:52:06	2	75	176	340	065:15:30.59 N	096:24:39.59 W
Fall	LYG	6165	SCHED	09/22/2020 23:54:12	5	99	380	324	065:18:00.60 N	096:29:28.20 W
Fall	LYG	6165	SCHED	09/22/2020 23:56:36	6	110	373	326	065:20:56.99 N	096:34:30.00 W
Fall	LYG	6165	SCHED	09/22/2020 23:58:45	7	106	300	291	065:24:40.79 N	096:39:03.00 W
Fall	LYG	6165	ARRIVAL	09/23/2020 00:00:29	2	0	158	291	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6165	XML_FLIGHT_SUMMARY	09/23/2020 00:00:30	0	0	0	0		
Fall	LYG	6166	POWER_ON	09/23/2020 11:58:45	NA	NA	NA	NA		
Fall	LYG	6166	SCHED	09/23/2020 12:01:43	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6166	DEPARTURE	09/23/2020 12:03:22	1	106	256	140	065:20:15.00 N	096:35:13.79 W
Fall	LYG	6166	SCHED	09/23/2020 12:05:32	2	109	308	134	065:17:32.39 N	096:29:16.19 W
Fall	LYG	6166	SCHED	09/23/2020 12:07:40	3	3	145	175	065:15:15.60 N	096:24:54.00 W
Fall	LYG	6166	ARRIVAL	09/23/2020 12:08:41	1	0	146	166	065:15:15.60 N	096:24:54.00 W
Fall	LYG	6166	XML_FLIGHT_SUMMARY	09/23/2020 12:08:42	0	0	0	0		
Fall	LYG	6167	DEPARTURE	09/23/2020 12:12:25	2	73	202	351	065:15:30.00 N	096:24:31.19 W
Fall	LYG	6167	SCHED	09/23/2020 12:14:38	4	112	286	325	065:19:08.40 N	096:31:40.80 W
Fall	LYG	6167	SCHED	09/23/2020 12:16:44	5	115	239	347	065:22:42.60 N	096:35:56.40 W
Fall	LYG	6167	SCHED	09/23/2020 12:18:52	6	14	165	219	065:24:18.60 N	096:40:38.40 W
Fall	LYG	6167	ARRIVAL	09/23/2020 12:19:53	2	0	162	300	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6167	XML_FLIGHT_SUMMARY	09/23/2020 12:19:54	0	0	0	0		
Fall	LYG	6168	DEPARTURE	09/23/2020 12:21:47	3	82	242	79	065:24:18.60 N	096:39:51.00 W
Fall	LYG	6168	SCHED	09/23/2020 12:23:59	7	95	267	137	065:21:40.19 N	096:37:41.99 W
Fall	LYG	6168	SCHED	09/23/2020 12:26:08	8	94	323	150	065:18:47.39 N	096:33:01.79 W
Fall	LYG	6168	SCHED	09/23/2020 12:28:14	9	98	265	122	065:16:01.80 N	096:28:13.80 W
Fall	LYG	6168	SCHED	09/23/2020 12:30:25	10	0	157	212	065:15:13.80 N	096:24:51.59 W
Fall	LYG	6168	SCHED	09/23/2020 12:32:35	11	98	291	322	065:16:59.40 N	096:27:28.79 W
Fall	LYG	6168	SCHED	09/23/2020 12:34:40	12	99	256	331	065:19:49.19 N	096:32:25.20 W
Fall	LYG	6168	SCHED	09/23/2020 12:36:45	13	106	237	357	065:22:58.20 N	096:35:49.79 W
Fall	LYG	6168	SCHED	09/23/2020 12:39:06	14	38	209	201	065:24:22.80 N	096:40:33.60 W
Fall	LYG	6168	SCHED	09/23/2020 12:41:21	15	0	161	79	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6168	ARRIVAL	09/23/2020 12:42:50	3	0	161	79	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6168	XML_FLIGHT_SUMMARY	09/23/2020 12:42:51	0	0	0	0		
Fall	LYG	6169	DEPARTURE	09/23/2020 12:46:07	4	65	244	74	065:24:18.00 N	096:39:59.39 W
Fall	LYG	6169	SCHED	09/23/2020 12:48:18	16	90	315	173	065:21:57.60 N	096:36:30.00 W
Fall	LYG	6169	SCHED	09/23/2020 12:50:34	17	94	354	149	065:18:57.60 N	096:32:45.60 W
Fall	LYG	6169	SCHED	09/23/2020 12:52:48	18	104	319	129	065:16:08.99 N	096:27:31.79 W
Fall	LYG	6169	SCHED	09/23/2020 12:54:56	19	1	167	138	065:15:13.80 N	096:24:52.80 W
Fall	LYG	6169	SCHED	09/23/2020 12:57:07	20	89	284	329	065:16:30.00 N	096:26:22.80 W
Fall	LYG	6169	SCHED	09/23/2020 12:59:15	21	88	270	331	065:19:09.59 N	096:30:24.59 W
Fall	LYG	6169	SCHED	09/23/2020 13:02:05	22	99	283	350	065:22:28.19 N	096:35:44.40 W
Fall	LYG	6169	SCHED	09/23/2020 13:04:17	23	64	222	206	065:24:27.60 N	096:40:28.19 W
Fall	LYG	6169	SCHED	09/23/2020 13:07:10	24	0	166	288	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6169	ARRIVAL	09/23/2020 13:07:18	4	0	166	288	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6169	XML_FLIGHT_SUMMARY	09/23/2020 13:07:19	0	0	0	0		
Fall	LYG	6170	POWER_ON	09/23/2020 13:42:57	NA	NA	NA	NA		
Fall	LYG	6170	SCHED	09/23/2020 13:43:45	1	0	161	135	065:24:18.60 N	096:40:40.80 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6170	DEPARTURE	09/23/2020 13:44:21	1	90	199	70	065:24:18.00 N	096:39:49.20 W
Fall	LYG	6170	SCHED	09/23/2020 13:46:26	2	102	241	144	065:21:59.99 N	096:34:49.79 W
Fall	LYG	6170	SCHED	09/23/2020 13:48:36	3	100	246	146	065:19:02.40 N	096:30:19.79 W
Fall	LYG	6170	SCHED	09/23/2020 13:50:42	4	103	227	150	065:16:00.60 N	096:25:35.99 W
Fall	LYG	6170	SCHED	09/23/2020 13:52:48	5	2	169	178	065:15:47.39 N	096:25:06.59 W
Fall	LYG	6170	ARRIVAL	09/23/2020 13:53:40	1	0	165	166	065:15:47.39 N	096:25:06.59 W
Fall	LYG	6170	XML_FLIGHT_SUMMARY	09/23/2020 13:53:41	0	0	0	0		
Fall	LYG	6171	DEPARTURE	09/23/2020 13:55:08	2	72	203	235	065:15:28.79 N	096:25:16.80 W
Fall	LYG	6171	SCHED	09/23/2020 13:57:14	6	112	252	326	065:18:24.00 N	096:29:59.39 W
Fall	LYG	6171	SCHED	09/23/2020 13:59:25	7	113	241	332	065:21:37.80 N	096:35:04.20 W
Fall	LYG	6171	SCHED	09/23/2020 14:01:30	8	89	205	251	065:24:37.19 N	096:40:11.39 W
Fall	LYG	6171	ARRIVAL	09/23/2020 14:02:56	2	0	162	343	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6171	XML_FLIGHT_SUMMARY	09/23/2020 14:02:57	0	0	0	0		
Fall	LYG	6172	DEPARTURE	09/23/2020 14:06:48	3	88	216	82	065:24:18.60 N	096:39:43.79 W
Fall	LYG	6172	SCHED	09/23/2020 14:08:59	9	106	272	144	065:19:11.40 N	096:31:20.40 W
Fall	LYG	6172	SCHED	09/23/2020 14:11:06	10	108	257	133	065:16:07.80 N	096:26:17.39 W
Fall	LYG	6172	ARRIVAL	09/23/2020 14:12:56	3	0	142	95	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6172	XML_FLIGHT_SUMMARY	09/23/2020 14:12:57	0	0	0	0		
Fall	LYG	6173	POWER_ON	09/23/2020 14:22:04	NA	NA	NA	NA		
Fall	LYG	6173	SCHED	09/23/2020 14:22:52	1	0	144	119	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6173	DEPARTURE	09/23/2020 14:26:19	1	63	189	224	065:14:56.99 N	096:25:06.59 W
Fall	LYG	6173	SCHED	09/23/2020 14:28:25	2	99	284	325	065:17:14.99 N	096:29:36.59 W
Fall	LYG	6173	SCHED	09/23/2020 14:30:33	3	94	230	317	065:19:53.99 N	096:34:31.20 W
Fall	LYG	6173	SCHED	09/23/2020 14:33:23	4	95	237	325	065:23:57.00 N	096:37:26.99 W
Fall	LYG	6173	SCHED	09/23/2020 14:35:35	5	2	178	33	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6173	SCHED	09/23/2020 14:37:43	6	75	262	173	065:23:34.79 N	096:37:49.79 W
Fall	LYG	6173	SCHED	09/23/2020 14:39:48	7	87	248	149	065:20:57.60 N	096:36:18.00 W
Fall	LYG	6173	SCHED	09/23/2020 14:41:53	8	92	289	119	065:18:47.39 N	096:31:20.99 W
Fall	LYG	6173	SCHED	09/23/2020 14:44:06	9	85	246	114	065:16:49.19 N	096:26:30.00 W
Fall	LYG	6173	SCHED	09/23/2020 14:46:15	10	0	131	148	065:15:10.19 N	096:24:34.79 W
Fall	LYG	6173	SCHED	09/23/2020 14:48:24	11	1	159	140	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6173	SCHED	09/23/2020 14:50:36	12	87	227	313	065:17:10.20 N	096:25:40.80 W
Fall	LYG	6173	SCHED	09/23/2020 14:52:43	13	86	241	303	065:19:19.20 N	096:31:15.00 W
Fall	LYG	6173	SCHED	09/23/2020 14:54:49	14	90	227	323	065:21:29.39 N	096:36:07.80 W
Fall	LYG	6173	SCHED	09/23/2020 14:56:59	15	86	256	295	065:24:28.19 N	096:38:26.99 W
Fall	LYG	6173	SCHED	09/23/2020 14:59:10	16	98	260	111	065:24:18.00 N	096:38:55.79 W
Fall	LYG	6173	SCHED	09/23/2020 15:02:05	17	94	256	144	065:20:43.80 N	096:33:48.00 W
Fall	LYG	6173	SCHED	09/23/2020 15:04:11	18	97	327	155	065:17:35.39 N	096:28:23.40 W
Fall	LYG	6173	SCHED	09/23/2020 15:06:17	19	6	170	223	065:15:16.19 N	096:24:57.00 W
Fall	LYG	6173	SCHED	09/23/2020 15:08:23	20	98	280	331	065:16:40.80 N	096:27:21.60 W
Fall	LYG	6173	SCHED	09/23/2020 15:10:33	21	99	277	318	065:19:31.19 N	096:32:05.40 W
Fall	LYG	6173	SCHED	09/23/2020 15:12:39	22	94	280	351	065:22:20.39 N	096:35:48.00 W
Fall	LYG	6173	SCHED	09/23/2020 15:14:45	23	83	251	274	065:24:37.80 N	096:39:51.00 W
Fall	LYG	6173	SCHED	09/23/2020 15:17:09	24	2	166	70	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6173	SCHED	09/23/2020 15:19:21	25	109	263	148	065:22:00.59 N	096:35:49.19 W
Fall	LYG	6173	SCHED	09/23/2020 15:21:31	26	109	266	147	065:18:29.39 N	096:31:14.39 W
Fall	LYG	6173	SCHED	09/23/2020 15:23:39	27	63	262	124	065:15:30.00 N	096:25:28.79 W
Fall	LYG	6173	ARRIVAL	09/23/2020 15:25:06	1	0	143	102	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6173	XML_FLIGHT_SUMMARY	09/23/2020 15:25:07	0	0	0	0		
Fall	LYG	6174	POWER_ON	09/23/2020 15:34:50	NA	NA	NA	NA		
Fall	LYG	6174	SCHED	09/23/2020 15:35:45	1	0	140	46	065:15:16.19 N	096:25:00.00 W
Fall	LYG	6174	DEPARTURE	09/23/2020 15:36:28	1	57	211	355	065:15:30.00 N	096:24:48.59 W
Fall	LYG	6174	SCHED	09/23/2020 15:38:43	2	0	170	166	065:15:48.00 N	096:25:06.00 W
Fall	LYG	6174	SCHED	09/23/2020 15:40:50	3	1	168	171	065:15:48.00 N	096:25:05.40 W
Fall	LYG	6174	ARRIVAL	09/23/2020 15:41:39	1	0	166	188	065:15:48.00 N	096:25:05.40 W
Fall	LYG	6174	DEPARTURE	09/23/2020 15:42:18	2	41	172	212	065:15:33.59 N	096:25:14.39 W
Fall	LYG	6174	SCHED	09/23/2020 15:44:25	4	70	193	329	065:15:20.40 N	096:26:25.20 W
Fall	LYG	6174	SCHED	09/23/2020 15:46:33	5	11	180	136	065:15:42.00 N	096:25:13.80 W
Fall	LYG	6174	SCHED	09/23/2020 15:49:29	6	0	136	204	065:15:25.79 N	096:24:19.19 W
Fall	LYG	6174	ARRIVAL	09/23/2020 15:49:35	2	0	136	204	065:15:25.79 N	096:24:19.19 W
Fall	LYG	6174	DEPARTURE	09/23/2020 15:50:14	3	56	161	272	065:15:20.40 N	096:25:02.39 W
Fall	LYG	6174	ARRIVAL	09/23/2020 15:52:18	3	0	159	258	065:15:23.40 N	096:25:35.40 W
Fall	LYG	6174	DEPARTURE	09/23/2020 15:53:42	4	46	161	136	065:15:13.80 N	096:25:09.00 W
Fall	LYG	6174	ARRIVAL	09/23/2020 15:55:29	4	0	121	176	065:14:58.80 N	096:24:41.99 W
Fall	LYG	6174	SCHED	09/23/2020 16:00:39	7	0	118	227	065:14:54.00 N	096:24:30.60 W
Fall	LYG	6174	DEPARTURE	09/23/2020 16:01:30	5	86	157	4	065:15:00.00 N	096:24:55.20 W
Fall	LYG	6174	SCHED	09/23/2020 16:03:41	8	0	169	199	065:15:48.00 N	096:25:06.00 W
Fall	LYG	6174	ARRIVAL	09/23/2020 16:03:50	5	0	169	199	065:15:48.00 N	096:25:06.00 W
Fall	LYG	6174	DEPARTURE	09/23/2020 16:04:42	6	73	225	273	065:15:38.39 N	096:25:43.79 W
Fall	LYG	6174	SCHED	09/23/2020 16:06:54	9	119	253	325	065:18:56.99 N	096:31:04.79 W
Fall	LYG	6174	SCHED	09/23/2020 16:09:00	10	123	265	340	065:22:41.40 N	096:36:13.20 W
Fall	LYG	6174	SCHED	09/23/2020 16:11:06	11	2	164	285	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6174	ARRIVAL	09/23/2020 16:12:01	6	0	153	311	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6174	XML_FLIGHT_SUMMARY	09/23/2020 16:12:02	0	0	0	0		
Fall	LYG	6175	POWER_ON	09/23/2020 16:36:46	NA	NA	NA	NA		
Fall	LYG	6175	SCHED	09/23/2020 16:37:44	1	0	161	251	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6175	DEPARTURE	09/23/2020 16:38:35	1	82	233	69	065:24:19.19 N	096:39:52.19 W
Fall	LYG	6175	SCHED	09/23/2020 16:40:52	2	94	288	147	065:21:47.40 N	096:35:53.40 W
Fall	LYG	6175	SCHED	09/23/2020 16:43:44	3	97	290	149	065:18:13.20 N	096:29:46.20 W
Fall	LYG	6175	SCHED	09/23/2020 16:45:52	4	77	220	158	065:15:17.40 N	096:24:43.79 W
Fall	LYG	6175	SCHED	09/23/2020 16:47:58	5	2	155	307	065:15:00.00 N	096:24:35.40 W
Fall	LYG	6175	SCHED	09/23/2020 16:50:04	6	102	268	327	065:16:28.79 N	096:27:10.80 W
Fall	LYG	6175	SCHED	09/23/2020 16:52:10	7	103	255	337	065:19:49.19 N	096:30:56.99 W
Fall	LYG	6175	SCHED	09/23/2020 16:54:17	8	105	272	347	065:22:35.99 N	096:35:50.40 W
Fall	LYG	6175	SCHED	09/23/2020 16:56:26	9	56	212	204	065:24:24.00 N	096:40:31.19 W
Fall	LYG	6175	ARRIVAL	09/23/2020 16:57:55	1	0	167	273	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6175	XML_FLIGHT_SUMMARY	09/23/2020 16:57:56	0	0	0	0		
Fall	LYG	6176	POWER_ON	09/23/2020 18:40:42	NA	NA	NA	NA		
Fall	LYG	6176	SCHED	09/23/2020 18:41:48	1	5	160	145	065:24:18.00 N	096:40:39.59 W
Fall	LYG	6176	DEPARTURE	09/23/2020 18:41:55	1	79	185	73	065:24:18.00 N	096:39:53.40 W
Fall	LYG	6176	SCHED	09/23/2020 18:44:03	2	95	371	152	065:21:57.60 N	096:35:05.99 W
Fall	LYG	6176	SCHED	09/23/2020 18:46:08	3	100	299	140	065:18:59.40 N	096:31:07.19 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6176	SCHED	09/23/2020 18:48:14	4	104	267	142	065:16:19.79 N	096:25:49.79 W
Fall	LYG	6176	ARRIVAL	09/23/2020 18:50:12	1	0	148	184	065:15:22.20 N	096:24:52.19 W
Fall	LYG	6176	XML_FLIGHT_SUMMARY	09/23/2020 18:50:13	0	0	0	0		
Fall	LYG	6177	DEPARTURE	09/23/2020 18:51:17	2	55	149	159	065:15:06.60 N	096:24:35.40 W
Fall	LYG	6177	ARRIVAL	09/23/2020 18:52:41	2	0	113	201	065:14:56.99 N	096:24:28.19 W
Fall	LYG	6177	DEPARTURE	09/23/2020 18:54:03	3	70	183	312	065:14:52.19 N	096:24:57.60 W
Fall	LYG	6177	SCHED	09/23/2020 18:56:13	5	0	153	184	065:15:30.59 N	096:25:19.19 W
Fall	LYG	6177	ARRIVAL	09/23/2020 18:56:30	3	0	152	184	065:15:30.59 N	096:25:19.19 W
Fall	LYG	6177	DEPARTURE	09/23/2020 18:59:24	4	81	225	355	065:15:36.00 N	096:25:45.60 W
Fall	LYG	6177	ARRIVAL	09/23/2020 18:59:33	4	0	167	229	065:15:48.00 N	096:25:05.40 W
Fall	LYG	6177	DEPARTURE	09/23/2020 19:02:53	5	49	181	208	065:15:33.59 N	096:25:21.60 W
Fall	LYG	6177	ARRIVAL	09/23/2020 19:04:25	5	0	155	167	065:15:17.40 N	096:25:42.60 W
Fall	LYG	6177	DEPARTURE	09/23/2020 19:05:57	6	72	194	29	065:15:25.79 N	096:25:56.39 W
Fall	LYG	6177	SCHED	09/23/2020 19:08:03	6	0	158	197	065:15:24.59 N	096:25:31.79 W
Fall	LYG	6177	ARRIVAL	09/23/2020 19:08:21	6	0	159	197	065:15:24.59 N	096:25:31.79 W
Fall	LYG	6177	DEPARTURE	09/23/2020 19:09:36	7	59	174	64	065:15:25.20 N	096:24:53.40 W
Fall	LYG	6177	SCHED	09/23/2020 19:11:42	7	5	142	282	065:15:16.19 N	096:24:46.20 W
Fall	LYG	6177	ARRIVAL	09/23/2020 19:12:38	7	0	138	264	065:15:16.19 N	096:24:46.79 W
Fall	LYG	6177	POWER_ON	09/23/2020 19:57:47	NA	NA	NA	NA		
Fall	LYG	6177	SCHED	09/23/2020 19:58:42	1	0	138	0	065:15:16.19 N	096:24:46.20 W
Fall	LYG	6177	DEPARTURE	09/23/2020 19:59:25	1	74	180	271	065:15:04.19 N	096:25:17.39 W
Fall	LYG	6177	SCHED	09/23/2020 20:01:36	2	117	414	328	065:18:03.59 N	096:29:58.80 W
Fall	LYG	6177	SCHED	09/23/2020 20:03:44	3	118	409	335	065:21:46.19 N	096:34:56.99 W
Fall	LYG	6177	SCHED	09/23/2020 20:05:56	4	84	228	252	065:24:37.80 N	096:40:02.39 W
Fall	LYG	6177	ARRIVAL	09/23/2020 20:07:21	1	0	156	307	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6177	XML_FLIGHT_SUMMARY	09/23/2020 20:07:22	0	0	0	0		
Fall	LYG	6178	POWER_ON	09/23/2020 20:55:04	NA	NA	NA	NA		
Fall	LYG	6178	SCHED	09/23/2020 20:56:02	1	71	216	81	065:24:19.80 N	096:39:58.20 W
Fall	LYG	6178	DEPARTURE	09/23/2020 20:56:24	1	75	228	84	065:24:19.80 N	096:39:49.20 W
Fall	LYG	6178	SCHED	09/23/2020 20:58:40	2	104	465	142	065:20:40.80 N	096:34:40.80 W
Fall	LYG	6178	SCHED	09/23/2020 21:00:48	3	109	481	141	065:17:46.19 N	096:29:02.39 W
Fall	LYG	6178	SCHED	09/23/2020 21:02:54	4	1	175	38	065:15:48.59 N	096:25:04.19 W
Fall	LYG	6178	SCHED	09/23/2020 21:05:06	5	0	116	244	065:15:04.79 N	096:24:36.60 W
Fall	LYG	6178	ARRIVAL	09/23/2020 21:05:26	1	0	116	244	065:15:04.79 N	096:24:36.60 W
Fall	LYG	6178	XML_FLIGHT_SUMMARY	09/23/2020 21:05:27	0	0	0	0		
Fall	LYG	6179	DEPARTURE	09/23/2020 21:09:25	2	74	204	320	065:15:04.79 N	096:25:54.59 W
Fall	LYG	6179	ARRIVAL	09/23/2020 21:11:15	2	0	168	243	065:15:48.59 N	096:25:04.79 W
Fall	LYG	6179	DEPARTURE	09/23/2020 21:12:57	3	64	237	252	065:15:34.79 N	096:25:23.39 W
Fall	LYG	6179	SCHED	09/23/2020 21:15:11	6	111	412	328	065:18:14.40 N	096:30:44.39 W
Fall	LYG	6179	SCHED	09/23/2020 21:17:18	7	114	403	343	065:21:55.20 N	096:35:08.99 W
Fall	LYG	6179	SCHED	09/23/2020 21:19:31	8	92	221	236	065:24:35.99 N	096:40:11.39 W
Fall	LYG	6179	ARRIVAL	09/23/2020 21:20:48	3	0	151	266	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6179	XML_FLIGHT_SUMMARY	09/23/2020 21:20:49	0	0	0	0		
Fall	LYG	6180	DEPARTURE	09/23/2020 21:24:22	4	76	265	79	065:24:18.60 N	096:39:52.80 W
Fall	LYG	6180	SCHED	09/23/2020 21:26:28	9	91	482	162	065:21:44.40 N	096:36:41.99 W
Fall	LYG	6180	SCHED	09/23/2020 21:28:34	10	91	581	141	065:18:59.40 N	096:32:32.39 W
Fall	LYG	6180	SCHED	09/23/2020 21:30:45	11	93	413	136	065:16:32.39 N	096:27:15.60 W
Fall	LYG	6180	SCHED	09/23/2020 21:32:53	12	0	173	227	065:15:14.40 N	096:24:51.59 W
Fall	LYG	6180	SCHED	09/23/2020 21:35:04	13	94	374	330	065:15:55.80 N	096:26:49.79 W
Fall	LYG	6180	SCHED	09/23/2020 21:37:14	14	107	505	328	065:19:02.40 N	096:31:23.99 W
Fall	LYG	6180	SCHED	09/23/2020 21:39:22	15	110	481	349	065:22:25.80 N	096:35:41.99 W
Fall	LYG	6180	SCHED	09/23/2020 21:41:28	16	63	289	213	065:24:31.19 N	096:40:22.80 W
Fall	LYG	6180	SCHED	09/23/2020 21:43:35	17	1	197	229	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6180	ARRIVAL	09/23/2020 21:45:09	4	0	163	269	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6180	XML_FLIGHT_SUMMARY	09/23/2020 21:45:10	0	0	0	0		
Fall	LYG	6181	POWER_ON	09/23/2020 23:41:17	NA	NA	NA	NA		
Fall	LYG	6181	SCHED	09/23/2020 23:42:11	1	1	168	30	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6181	DEPARTURE	09/23/2020 23:42:28	1	78	205	76	065:24:17.39 N	096:39:51.00 W
Fall	LYG	6181	SCHED	09/23/2020 23:45:23	2	91	415	152	065:21:19.20 N	096:34:32.39 W
Fall	LYG	6181	SCHED	09/23/2020 23:47:30	3	103	577	138	065:18:16.20 N	096:29:10.80 W
Fall	LYG	6181	SCHED	09/23/2020 23:49:41	4	43	162	172	065:15:22.20 N	096:24:56.39 W
Fall	LYG	6181	ARRIVAL	09/23/2020 23:50:59	1	0	140	161	065:15:15.60 N	096:24:53.40 W
Fall	LYG	6181	XML_FLIGHT_SUMMARY	09/23/2020 23:51:00	0	0	0	0		
Fall	LYG	6181	SCHED	09/23/2020 23:56:04	5	0	137	349	065:15:15.60 N	096:24:53.40 W
Fall	LYG	6182	DEPARTURE	09/23/2020 23:56:52	2	81	176	352	065:15:26.99 N	096:24:24.59 W
Fall	LYG	6182	SCHED	09/23/2020 23:59:18	6	100	505	322	065:18:15.59 N	096:28:37.80 W
Fall	LYG	6182	SCHED	09/24/2020 00:01:29	7	125	475	335	065:21:55.20 N	096:34:23.40 W
Fall	LYG	6182	SCHED	09/24/2020 00:03:40	8	74	190	202	065:24:27.60 N	096:40:28.79 W
Fall	LYG	6182	ARRIVAL	09/24/2020 00:04:58	2	0	160	312	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6182	XML_FLIGHT_SUMMARY	09/24/2020 00:04:59	0	0	0	0		
Fall	LYG	6183	POWER_ON	09/24/2020 11:59:07	NA	NA	NA	NA		
Fall	LYG	6183	SCHED	09/24/2020 12:00:10	1	0	158	0	065:24:20.99 N	096:40:45.00 W
Fall	LYG	6183	DEPARTURE	09/24/2020 12:00:54	1	69	212	80	065:24:19.19 N	096:39:52.80 W
Fall	LYG	6183	SCHED	09/24/2020 12:03:01	2	102	374	154	065:21:57.60 N	096:35:52.19 W
Fall	LYG	6183	SCHED	09/24/2020 12:05:22	3	112	288	153	065:18:44.39 N	096:31:58.80 W
Fall	LYG	6183	SCHED	09/24/2020 12:07:29	4	107	399	154	065:15:20.99 N	096:30:52.80 W
Fall	LYG	6183	SCHED	09/24/2020 12:09:37	5	8	148	75	065:15:16.19 N	096:24:53.40 W
Fall	LYG	6183	ARRIVAL	09/24/2020 12:10:36	1	0	140	147	065:15:15.60 N	096:24:53.40 W
Fall	LYG	6183	XML_FLIGHT_SUMMARY	09/24/2020 12:10:37	0	0	0	0		
Fall	LYG	6184	DEPARTURE	09/24/2020 12:14:07	2	78	150	242	065:15:00.60 N	096:25:03.59 W
Fall	LYG	6184	SCHED	09/24/2020 12:16:21	6	93	428	16	065:16:25.79 N	096:28:44.39 W
Fall	LYG	6184	SCHED	09/24/2020 12:18:41	7	112	452	324	065:19:59.99 N	096:32:24.59 W
Fall	LYG	6184	SCHED	09/24/2020 12:20:47	8	107	420	327	065:23:48.59 N	096:36:53.99 W
Fall	LYG	6184	SCHED	09/24/2020 12:22:53	9	0	160	283	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6184	ARRIVAL	09/24/2020 12:23:23	2	0	160	283	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6184	XML_FLIGHT_SUMMARY	09/24/2020 12:23:24	0	0	0	0		
Fall	LYG	6185	DEPARTURE	09/24/2020 12:29:16	3	75	209	84	065:24:17.39 N	096:39:52.19 W
Fall	LYG	6185	SCHED	09/24/2020 12:31:26	10	90	576	155	065:19:41.99 N	096:33:16.20 W
Fall	LYG	6185	SCHED	09/24/2020 12:33:36	11	104	559	158	065:16:35.40 N	096:29:03.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6185	SCHED	09/24/2020 12:35:56	12	72	154	62	065:15:07.80 N	096:24:49.79 W
Fall	LYG	6185	SCHED	09/24/2020 12:38:03	13	0	169	263	065:15:48.00 N	096:25:05.40 W
Fall	LYG	6185	ARRIVAL	09/24/2020 12:40:04	3	0	173	263	065:15:48.00 N	096:25:04.79 W
Fall	LYG	6185	XML_FLIGHT_SUMMARY	09/24/2020 12:40:05	0	0	0	0		
Fall	LYG	6185	SCHED	09/24/2020 12:45:11	14	0	173	263	065:15:48.59 N	096:25:04.79 W
Fall	LYG	6186	DEPARTURE	09/24/2020 12:48:10	4	63	172	172	065:15:32.39 N	096:24:44.39 W
Fall	LYG	6186	ARRIVAL	09/24/2020 12:50:11	4	0	140	220	065:15:04.19 N	096:25:05.40 W
Fall	LYG	6186	DEPARTURE	09/24/2020 12:50:54	5	33	166	313	065:15:11.99 N	096:25:31.79 W
Fall	LYG	6186	SCHED	09/24/2020 12:53:01	15	0	163	218	065:15:29.40 N	096:26:23.99 W
Fall	LYG	6186	ARRIVAL	09/24/2020 12:53:18	5	0	162	218	065:15:29.40 N	096:26:23.99 W
Fall	LYG	6186	SCHED	09/24/2020 12:58:30	16	0	146	265	065:15:29.40 N	096:24:54.59 W
Fall	LYG	6186	SCHED	09/24/2020 13:03:44	17	0	139	305	065:15:13.80 N	096:24:51.00 W
Fall	LYG	6186	DEPARTURE	09/24/2020 13:07:01	6	85	143	237	065:14:55.80 N	096:25:19.19 W
Fall	LYG	6186	SCHED	09/24/2020 13:09:07	18	105	330	340	065:16:56.99 N	096:29:58.80 W
Fall	LYG	6186	SCHED	09/24/2020 13:11:19	19	112	368	332	065:20:10.20 N	096:33:13.20 W
Fall	LYG	6186	SCHED	09/24/2020 13:13:27	20	108	277	330	065:23:57.00 N	096:36:49.19 W
Fall	LYG	6186	SCHED	09/24/2020 13:15:33	21	0	168	311	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6186	ARRIVAL	09/24/2020 13:15:57	6	0	166	311	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6186	XML_FLIGHT_SUMMARY	09/24/2020 13:15:58	0	0	0	0		
Fall	LYG	6187	POWER_ON	09/24/2020 15:29:49	NA	NA	NA	NA		
Fall	LYG	6187	SCHED	09/24/2020 15:30:42	1	1	168	109	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6187	DEPARTURE	09/24/2020 15:32:39	1	79	184	83	065:24:18.60 N	096:39:49.20 W
Fall	LYG	6187	SCHED	09/24/2020 15:34:46	2	93	198	136	065:20:46.19 N	096:33:05.40 W
Fall	LYG	6187	SCHED	09/24/2020 15:36:54	3	102	188	157	065:18:12.60 N	096:27:32.99 W
Fall	LYG	6187	SCHED	09/24/2020 15:39:04	4	36	187	180	065:15:58.19 N	096:25:01.79 W
Fall	LYG	6187	SCHED	09/24/2020 15:41:13	5	0	144	135	065:15:15.60 N	096:24:54.00 W
Fall	LYG	6187	ARRIVAL	09/24/2020 15:41:32	1	0	144	135	065:15:15.60 N	096:24:54.00 W
Fall	LYG	6187	XML_FLIGHT_SUMMARY	09/24/2020 15:41:33	0	0	0	0		
Fall	LYG	6188	POWER_ON	09/24/2020 15:59:35	NA	NA	NA	NA		
Fall	LYG	6188	SCHED	09/24/2020 16:00:32	1	71	154	26	065:15:21.60 N	096:24:22.80 W
Fall	LYG	6188	DEPARTURE	09/24/2020 16:00:41	1	78	161	1	065:15:27.60 N	096:24:21.00 W
Fall	LYG	6188	SCHED	09/24/2020 16:02:47	2	102	198	335	065:18:33.59 N	096:27:21.60 W
Fall	LYG	6188	SCHED	09/24/2020 16:04:54	3	104	215	318	065:21:09.59 N	096:33:08.40 W
Fall	LYG	6188	SCHED	09/24/2020 16:07:02	4	100	218	335	065:23:37.80 N	096:36:22.80 W
Fall	LYG	6188	SCHED	09/24/2020 16:09:08	5	0	166	319	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6188	ARRIVAL	09/24/2020 16:09:36	1	0	158	319	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6188	XML_FLIGHT_SUMMARY	09/24/2020 16:09:37	0	0	0	0		
Fall	LYG	6189	POWER_ON	09/24/2020 18:23:59	NA	NA	NA	NA		
Fall	LYG	6189	SCHED	09/24/2020 18:25:07	1	0	154	85	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6189	DEPARTURE	09/24/2020 18:25:23	1	75	201	63	065:24:35.40 N	096:40:18.00 W
Fall	LYG	6189	SCHED	09/24/2020 18:27:33	2	109	388	153	065:22:01.79 N	096:35:13.20 W
Fall	LYG	6189	SCHED	09/24/2020 18:29:43	3	115	368	144	065:18:30.00 N	096:30:06.00 W
Fall	LYG	6189	SCHED	09/24/2020 18:31:54	4	89	211	150	065:15:08.99 N	096:25:33.00 W
Fall	LYG	6189	ARRIVAL	09/24/2020 18:33:47	1	0	144	336	065:15:15.00 N	096:24:57.00 W
Fall	LYG	6189	XML_FLIGHT_SUMMARY	09/24/2020 18:33:48	0	0	0	0		
Fall	LYG	6190	DEPARTURE	09/24/2020 18:37:50	2	69	191	175	065:15:14.40 N	096:25:13.20 W
Fall	LYG	6190	ARRIVAL	09/24/2020 18:39:07	2	0	142	315	065:15:15.00 N	096:24:57.00 W
Fall	LYG	6190	POWER_ON	09/24/2020 18:52:50	NA	NA	NA	NA		
Fall	LYG	6190	SCHED	09/24/2020 18:53:47	1	0	145	0	065:15:15.00 N	096:24:57.00 W
Fall	LYG	6190	SCHED	09/24/2020 18:58:52	2	2	177	73	065:15:22.20 N	096:24:47.99 W
Fall	LYG	6190	SCHED	09/24/2020 19:04:02	3	1	172	297	065:15:15.60 N	096:24:57.60 W
Fall	LYG	6190	DEPARTURE	09/24/2020 19:05:58	1	40	203	145	065:15:16.79 N	096:25:04.79 W
Fall	LYG	6190	SCHED	09/24/2020 19:08:10	4	7	181	76	065:15:15.60 N	096:24:57.60 W
Fall	LYG	6190	SCHED	09/24/2020 19:10:27	5	25	213	192	065:15:19.20 N	096:24:51.59 W
Fall	LYG	6190	SCHED	09/24/2020 19:12:41	6	0	143	206	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6190	ARRIVAL	09/24/2020 19:12:50	1	0	143	206	065:15:15.60 N	096:24:57.00 W
Fall	LYG	6190	DEPARTURE	09/24/2020 19:14:40	2	81	190	354	065:15:42.00 N	096:24:32.39 W
Fall	LYG	6190	ARRIVAL	09/24/2020 19:16:01	2	0	163	35	065:15:46.80 N	096:25:06.00 W
Fall	LYG	6190	DEPARTURE	09/24/2020 19:17:08	3	92	186	180	065:15:34.20 N	096:24:34.19 W
Fall	LYG	6190	ARRIVAL	09/24/2020 19:19:21	3	0	114	26	065:15:00.60 N	096:24:37.80 W
Fall	LYG	6190	DEPARTURE	09/24/2020 19:21:58	4	77	176	173	065:14:54.60 N	096:25:00.00 W
Fall	LYG	6190	ARRIVAL	09/24/2020 19:23:22	4	0	112	47	065:14:57.60 N	096:24:26.39 W
Fall	LYG	6190	DEPARTURE	09/24/2020 19:24:14	5	61	239	220	065:14:43.20 N	096:24:19.79 W
Fall	LYG	6190	SCHED	09/24/2020 19:26:20	7	51	232	85	065:15:00.60 N	096:24:47.99 W
Fall	LYG	6190	SCHED	09/24/2020 19:28:27	8	2	147	77	065:15:23.40 N	096:24:48.59 W
Fall	LYG	6190	ARRIVAL	09/24/2020 19:29:19	5	0	144	57	065:15:23.40 N	096:24:48.59 W
Fall	LYG	6190	POWER_ON	09/24/2020 19:40:46	NA	NA	NA	NA		
Fall	LYG	6190	SCHED	09/24/2020 19:41:42	1	80	176	206	065:15:11.99 N	096:24:33.00 W
Fall	LYG	6190	DEPARTURE	09/24/2020 19:41:46	1	82	172	228	065:15:09.60 N	096:24:40.80 W
Fall	LYG	6190	ARRIVAL	09/24/2020 19:43:17	1	0	141	355	065:15:15.60 N	096:24:57.60 W
Fall	LYG	6190	SCHED	09/24/2020 19:48:24	2	0	193	264	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6190	SCHED	09/24/2020 19:53:29	3	0	143	104	065:15:15.00 N	096:24:56.39 W
Fall	LYG	6190	SCHED	09/24/2020 19:58:50	4	1	174	285	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6190	DEPARTURE	09/24/2020 20:01:17	2	69	212	169	065:15:18.59 N	096:25:10.20 W
Fall	LYG	6190	SCHED	09/24/2020 20:03:26	5	75	233	241	065:15:26.99 N	096:25:07.80 W
Fall	LYG	6190	SCHED	09/24/2020 20:05:45	6	18	220	355	065:15:19.79 N	096:24:53.40 W
Fall	LYG	6190	SCHED	09/24/2020 20:08:05	7	1	182	12	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6190	SCHED	09/24/2020 20:10:12	8	1	177	223	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6190	SCHED	09/24/2020 20:12:18	9	62	220	196	065:15:11.40 N	096:24:43.20 W
Fall	LYG	6190	SCHED	09/24/2020 20:15:07	10	1	181	242	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6190	SCHED	09/24/2020 20:17:27	11	7	199	108	065:15:14.40 N	096:24:54.59 W
Fall	LYG	6190	SCHED	09/24/2020 20:19:34	12	18	196	115	065:15:14.40 N	096:24:55.79 W
Fall	LYG	6190	SCHED	09/24/2020 20:21:43	13	1	181	111	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6190	SCHED	09/24/2020 20:23:56	14	79	265	329	065:15:45.00 N	096:25:29.40 W
Fall	LYG	6190	SCHED	09/24/2020 20:26:08	15	93	499	323	065:18:21.00 N	096:29:43.20 W
Fall	LYG	6190	SCHED	09/24/2020 20:28:21	16	95	437	330	065:21:20.39 N	096:34:38.99 W
Fall	LYG	6190	SCHED	09/24/2020 20:30:31	17	96	350	303	065:24:19.19 N	096:37:43.79 W
Fall	LYG	6190	SCHED	09/24/2020 20:32:52	18	0	161	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6190	ARRIVAL	09/24/2020 20:33:20	2	0	159	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6190	XML_FLIGHT_SUMMARY	09/24/2020 20:33:21	0	0	0	0		
Fall	LYG	6190	SCHED	09/24/2020 20:38:25	19	1	196	245	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6190	POWER_ON	09/24/2020 23:51:06	NA	NA	NA	NA		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6190	DEPARTURE	09/24/2020 23:54:26	1	72	194	87	065:24:18.60 N	096:39:51.59 W
Fall	LYG	6190	SCHED	09/24/2020 23:54:34	1	103	428	146	065:21:30.60 N	096:35:13.79 W
Fall	LYG	6190	SCHED	09/24/2020 23:56:40	2	106	423	149	065:18:30.00 N	096:30:01.79 W
Fall	LYG	6190	SCHED	09/24/2020 23:58:47	3	78	194	127	065:15:21.60 N	096:25:21.00 W
Fall	LYG	6190	ARRIVAL	09/25/2020 00:00:11	1	0	148	83	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6190	SCHED	09/25/2020 00:05:22	4	0	124	83	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6191	DEPARTURE	09/24/2020 20:39:40	3	69	239	84	065:24:19.80 N	096:39:54.00 W
Fall	LYG	6191	SCHED	09/24/2020 20:41:57	20	95	380	167	065:21:53.99 N	096:37:15.59 W
Fall	LYG	6191	SCHED	09/24/2020 20:44:04	21	86	422	143	065:19:06.60 N	096:32:51.00 W
Fall	LYG	6191	SCHED	09/24/2020 20:46:16	22	94	440	137	065:16:39.59 N	096:28:15.60 W
Fall	LYG	6191	SCHED	09/24/2020 20:48:26	23	25	193	40	065:15:23.40 N	096:24:46.79 W
Fall	LYG	6191	SCHED	09/24/2020 20:50:40	24	48	196	141	065:15:15.60 N	096:25:00.60 W
Fall	LYG	6191	SCHED	09/24/2020 20:52:52	25	63	202	140	065:15:17.40 N	096:25:03.59 W
Fall	LYG	6191	SCHED	09/24/2020 20:55:03	26	1	186	40	065:15:22.20 N	096:24:49.20 W
Fall	LYG	6191	SCHED	09/24/2020 20:57:08	27	1	182	22	065:15:13.80 N	096:24:53.40 W
Fall	LYG	6191	SCHED	09/24/2020 20:59:20	28	70	227	186	065:15:20.40 N	096:25:10.20 W
Fall	LYG	6191	SCHED	09/24/2020 21:01:31	29	1	184	54	065:15:22.79 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:03:41	30	2	185	130	065:15:22.79 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:05:47	31	3	188	138	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6191	SCHED	09/24/2020 21:07:58	32	1	183	179	065:15:22.79 N	096:24:48.59 W
Fall	LYG	6191	SCHED	09/24/2020 21:10:04	33	1	180	207	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6191	SCHED	09/24/2020 21:12:10	34	1	183	273	065:15:22.20 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:14:16	35	4	194	52	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6191	SCHED	09/24/2020 21:16:23	36	1	174	125	065:15:13.80 N	096:24:51.59 W
Fall	LYG	6191	SCHED	09/24/2020 21:18:36	37	5	201	54	065:15:21.60 N	096:24:49.79 W
Fall	LYG	6191	SCHED	09/24/2020 21:20:42	38	6	181	123	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6191	SCHED	09/24/2020 21:22:50	39	0	178	332	065:15:22.20 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:24:57	40	1	180	329	065:15:14.40 N	096:24:52.19 W
Fall	LYG	6191	SCHED	09/24/2020 21:27:03	41	1	177	108	065:15:14.40 N	096:24:52.19 W
Fall	LYG	6191	SCHED	09/24/2020 21:29:12	42	60	234	129	065:15:16.19 N	096:25:07.80 W
Fall	LYG	6191	SCHED	09/24/2020 21:31:18	43	0	184	194	065:15:22.20 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:33:30	44	1	179	40	065:15:14.40 N	096:24:51.00 W
Fall	LYG	6191	SCHED	09/24/2020 21:35:40	45	17	198	34	065:15:20.40 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:37:47	46	1	184	278	065:15:22.79 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 21:39:53	47	17	238	107	065:15:10.79 N	096:24:45.60 W
Fall	LYG	6191	SCHED	09/24/2020 21:42:07	48	1	172	82	065:15:13.80 N	096:24:47.39 W
Fall	LYG	6191	SCHED	09/24/2020 21:44:13	49	1	168	137	065:15:13.19 N	096:24:46.20 W
Fall	LYG	6191	SCHED	09/24/2020 21:46:18	50	4	196	63	065:15:14.40 N	096:24:37.80 W
Fall	LYG	6191	SCHED	09/24/2020 21:48:29	51	1	165	256	065:15:16.79 N	096:24:40.80 W
Fall	LYG	6191	SCHED	09/24/2020 21:50:35	52	1	191	242	065:15:22.79 N	096:24:50.40 W
Fall	LYG	6191	SCHED	09/24/2020 21:52:46	53	30	151	271	065:15:11.40 N	096:24:47.99 W
Fall	LYG	6191	ARRIVAL	09/24/2020 21:53:50	3	0	141	310	065:15:13.19 N	096:24:51.59 W
Fall	LYG	6191	XML_FLIGHT_SUMMARY	09/24/2020 21:53:51	0	0	0	0		
Fall	LYG	6191	SCHED	09/24/2020 21:59:02	54	0	185	225	065:15:22.20 N	096:24:47.99 W
Fall	LYG	6191	SCHED	09/24/2020 22:04:08	55	0	147	13	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6191	DEPARTURE	09/25/2020 00:10:33	2	75	193	339	065:15:42.00 N	096:24:55.79 W
Fall	LYG	6191	SCHED	09/25/2020 00:12:43	6	103	435	320	065:18:26.40 N	096:29:31.20 W
Fall	LYG	6191	SCHED	09/25/2020 00:14:53	7	113	439	335	065:21:43.80 N	096:34:21.00 W
Fall	LYG	6191	SCHED	09/25/2020 00:17:11	8	88	210	256	065:24:16.19 N	096:40:01.20 W
Fall	LYG	6191	ARRIVAL	09/25/2020 00:18:21	2	0	160	313	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6192	DEPARTURE	09/24/2020 22:04:42	4	81	215	354	065:15:43.80 N	096:24:40.80 W
Fall	LYG	6192	SCHED	09/24/2020 22:06:55	56	120	520	323	065:19:02.40 N	096:29:10.80 W
Fall	LYG	6192	SCHED	09/24/2020 22:09:05	57	125	481	334	065:22:54.59 N	096:35:12.00 W
Fall	LYG	6192	SCHED	09/24/2020 22:11:11	58	2	163	271	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6192	ARRIVAL	09/24/2020 22:12:02	4	0	166	322	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6192	XML_FLIGHT_SUMMARY	09/24/2020 22:12:03	0	0	0	0		
Fall	LYG	6192	POWER_ON	09/25/2020 18:51:32	NA	NA	NA	NA		
Fall	LYG	6193	DEPARTURE	09/24/2020 22:16:47	5	79	202	83	065:24:17.39 N	096:39:49.20 W
Fall	LYG	6193	SCHED	09/24/2020 22:18:52	59	105	447	150	065:21:53.40 N	096:35:13.20 W
Fall	LYG	6193	SCHED	09/24/2020 22:20:58	60	103	510	143	065:18:51.60 N	096:30:19.79 W
Fall	LYG	6193	SCHED	09/24/2020 22:23:07	61	92	244	129	065:15:39.00 N	096:25:14.39 W
Fall	LYG	6193	ARRIVAL	09/24/2020 22:25:04	5	0	114	97	065:14:57.60 N	096:24:26.39 W
Fall	LYG	6193	XML_FLIGHT_SUMMARY	09/24/2020 22:25:05	0	0	0	0		
Fall	LYG	6194	DEPARTURE	09/24/2020 22:26:43	6	77	174	257	065:14:44.39 N	096:24:32.39 W
Fall	LYG	6194	ARRIVAL	09/24/2020 22:28:45	6	0	116	3	065:15:00.60 N	096:24:36.60 W
Fall	LYG	6194	DEPARTURE	09/24/2020 22:30:20	7	68	171	355	065:15:19.79 N	096:24:40.20 W
Fall	LYG	6194	ARRIVAL	09/24/2020 22:32:02	7	0	169	42	065:15:46.80 N	096:25:06.59 W
Fall	LYG	6194	DEPARTURE	09/24/2020 22:35:24	8	72	226	331	065:16:07.19 N	096:25:09.59 W
Fall	LYG	6194	SCHED	09/24/2020 22:37:30	62	96	358	323	065:15:34.79 N	096:23:22.80 W
Fall	LYG	6194	SCHED	09/24/2020 22:39:41	63	105	308	318	065:18:30.00 N	096:28:40.79 W
Fall	LYG	6194	SCHED	09/24/2020 22:41:55	64	100	435	332	065:21:23.39 N	096:34:06.59 W
Fall	LYG	6194	SCHED	09/24/2020 22:44:02	65	115	344	288	065:24:47.99 N	096:38:49.79 W
Fall	LYG	6194	ARRIVAL	09/24/2020 22:45:54	8	0	165	248	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6194	XML_FLIGHT_SUMMARY	09/24/2020 22:45:55	0	0	0	0		
Fall	LYG	6195	DEPARTURE	09/24/2020 22:50:15	9	69	242	84	065:24:16.80 N	096:39:53.40 W
Fall	LYG	6195	SCHED	09/24/2020 22:52:31	66	86	387	167	065:21:59.99 N	096:36:41.99 W
Fall	LYG	6195	SCHED	09/24/2020 22:54:41	67	91	397	147	065:19:09.59 N	096:32:33.59 W
Fall	LYG	6195	SCHED	09/24/2020 22:56:53	68	91	387	140	065:16:37.19 N	096:27:41.40 W
Fall	LYG	6195	SCHED	09/24/2020 22:58:59	69	1	181	228	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6195	SCHED	09/24/2020 23:01:05	70	89	356	330	065:16:30.00 N	096:25:32.39 W
Fall	LYG	6195	SCHED	09/24/2020 23:03:10	71	97	453	321	065:19:10.79 N	096:30:04.79 W
Fall	LYG	6195	SCHED	09/24/2020 23:05:16	72	94	470	340	065:21:45.00 N	096:35:22.19 W
Fall	LYG	6195	SCHED	09/24/2020 23:07:32	73	98	349	290	065:24:38.99 N	096:38:50.40 W
Fall	LYG	6195	SCHED	09/24/2020 23:09:40	74	1	199	360	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6195	SCHED	09/24/2020 23:11:50	75	85	355	172	065:22:57.60 N	096:37:47.39 W
Fall	LYG	6195	SCHED	09/24/2020 23:13:58	76	84	455	148	065:20:11.40 N	096:34:55.20 W
Fall	LYG	6195	SCHED	09/24/2020 23:16:09	77	86	528	140	065:17:48.60 N	096:30:30.60 W
Fall	LYG	6195	SCHED	09/24/2020 23:18:17	78	69	283	127	065:15:28.20 N	096:25:17.39 W
Fall	LYG	6195	SCHED	09/24/2020 23:20:28	79	5	190	144	065:15:20.40 N	096:24:46.20 W
Fall	LYG	6195	SCHED	09/24/2020 23:22:34	80	92	455	324	065:17:25.79 N	096:28:00.59 W
Fall	LYG	6195	SCHED	09/24/2020 23:24:39	81	87	498	337	065:19:54.60 N	096:32:24.00 W
Fall	LYG	6195	SCHED	09/24/2020 23:26:47	82	95	491	352	065:22:37.80 N	096:35:42.60 W
Fall	LYG	6195	SCHED	09/24/2020 23:28:58	83	54	248	261	065:24:13.19 N	096:40:24.59 W
Fall	LYG	6195	SCHED	09/24/2020 23:31:04	84	0	159	269	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6195	ARRIVAL	09/24/2020 23:31:35	9	0	154	269	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6195	XML_FLIGHT_SUMMARY	09/24/2020 23:31:36	0	0	0	0		
Fall	LYG	6196	XML_FLIGHT_SUMMARY	09/25/2020 00:00:12	0	0	0	0		
Fall	LYG	6196	SCHED	09/25/2020 00:10:28	5	71	182	341	065:15:38.39 N	096:24:52.80 W
Fall	LYG	6197	XML_FLIGHT_SUMMARY	09/25/2020 00:18:22	0	0	0	0		
Fall	LYG	6198	SCHED	09/25/2020 18:52:28	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6198	DEPARTURE	09/25/2020 18:56:33	1	67	236	177	065:22:49.20 N	096:38:12.60 W
Fall	LYG	6198	SCHED	09/25/2020 18:58:41	2	65	231	118	065:21:08.39 N	096:35:19.19 W
Fall	LYG	6198	SCHED	09/25/2020 19:00:49	3	64	210	122	065:19:30.00 N	096:31:46.80 W
Fall	LYG	6198	SCHED	09/25/2020 19:02:59	4	63	229	128	065:17:52.19 N	096:27:59.39 W
Fall	LYG	6198	SCHED	09/25/2020 19:05:09	5	66	228	147	065:15:58.80 N	096:24:47.99 W
Fall	LYG	6198	SCHED	09/25/2020 19:07:17	6	31	197	236	065:15:24.59 N	096:24:45.00 W
Fall	LYG	6198	SCHED	09/25/2020 19:09:22	7	81	240	274	065:15:11.40 N	096:25:09.59 W
Fall	LYG	6198	SCHED	09/25/2020 19:11:27	8	111	262	334	065:18:37.80 N	096:27:56.99 W
Fall	LYG	6198	SCHED	09/25/2020 19:13:51	9	100	241	295	065:20:58.80 N	096:34:10.79 W
Fall	LYG	6198	SCHED	09/25/2020 19:15:58	10	42	229	289	065:24:01.79 N	096:37:04.20 W
Fall	LYG	6198	SCHED	09/25/2020 19:18:05	11	1	181	257	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6198	ARRIVAL	09/25/2020 19:19:36	1	0	158	200	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6198	XML_FLIGHT_SUMMARY	09/25/2020 19:19:37	0	0	0	0		
Fall	LYG	6199	DEPARTURE	09/25/2020 19:21:33	2	83	201	81	065:24:19.19 N	096:39:50.40 W
Fall	LYG	6199	SCHED	09/25/2020 19:23:43	12	100	196	159	065:21:37.19 N	096:36:19.19 W
Fall	LYG	6199	SCHED	09/25/2020 19:25:52	13	94	210	138	065:19:00.00 N	096:30:55.20 W
Fall	LYG	6199	SCHED	09/25/2020 19:28:01	14	95	242	158	065:16:13.20 N	096:26:31.19 W
Fall	LYG	6199	ARRIVAL	09/25/2020 19:30:05	2	0	166	184	065:15:48.00 N	096:25:06.00 W
Fall	LYG	6199	XML_FLIGHT_SUMMARY	09/25/2020 19:30:06	0	0	0	0		
Fall	LYG	6200	DEPARTURE	09/25/2020 19:31:59	3	73	193	135	065:15:34.79 N	096:24:29.40 W
Fall	LYG	6200	SCHED	09/25/2020 19:34:09	15	27	155	196	065:15:11.40 N	096:22:58.20 W
Fall	LYG	6200	SCHED	09/25/2020 19:36:16	16	125	204	340	065:18:03.59 N	096:26:44.39 W
Fall	LYG	6200	SCHED	09/25/2020 19:38:26	17	122	236	309	065:21:13.79 N	096:33:24.59 W
Fall	LYG	6200	SCHED	09/25/2020 19:40:33	18	121	217	294	065:24:35.99 N	096:38:54.59 W
Fall	LYG	6200	ARRIVAL	09/25/2020 19:42:17	3	0	158	304	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6200	XML_FLIGHT_SUMMARY	09/25/2020 19:42:18	0	0	0	0		
Fall	LYG	6201	POWER_ON	09/25/2020 20:15:03	NA	NA	NA	NA		
Fall	LYG	6201	SCHED	09/25/2020 20:15:58	1	2	163	282	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6201	DEPARTURE	09/25/2020 20:17:56	1	32	244	93	065:24:19.19 N	096:39:52.19 W
Fall	LYG	6201	SCHED	09/25/2020 20:20:04	2	21	209	297	065:23:43.80 N	096:40:32.39 W
Fall	LYG	6201	SCHED	09/25/2020 20:22:20	3	90	224	38	065:24:02.39 N	096:38:33.60 W
Fall	LYG	6201	SCHED	09/25/2020 20:24:30	4	1	177	291	065:24:18.00 N	096:40:41.40 W
Fall	LYG	6201	ARRIVAL	09/25/2020 20:25:45	1	0	157	299	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6201	XML_FLIGHT_SUMMARY	09/25/2020 20:25:46	0	0	0	0		
Fall	LYG	6202	DEPARTURE	09/25/2020 20:28:52	2	78	206	81	065:24:19.19 N	096:39:49.79 W
Fall	LYG	6202	SCHED	09/25/2020 20:30:58	5	92	219	144	065:21:56.40 N	096:35:50.40 W
Fall	LYG	6202	SCHED	09/25/2020 20:33:04	6	93	207	127	065:19:18.59 N	096:31:23.99 W
Fall	LYG	6202	SCHED	09/25/2020 20:35:20	7	88	219	154	065:16:45.59 N	096:26:46.20 W
Fall	LYG	6202	SCHED	09/25/2020 20:37:28	8	0	124	37	065:15:15.00 N	096:24:35.99 W
Fall	LYG	6202	ARRIVAL	09/25/2020 20:38:10	2	0	124	37	065:15:15.60 N	096:24:36.60 W
Fall	LYG	6202	XML_FLIGHT_SUMMARY	09/25/2020 20:38:11	0	0	0	0		
Fall	LYG	6203	DEPARTURE	09/25/2020 20:39:30	3	49	161	343	065:15:11.40 N	096:25:01.79 W
Fall	LYG	6203	ARRIVAL	09/25/2020 20:40:44	3	0	142	103	065:15:15.00 N	096:24:54.00 W
Fall	LYG	6203	DEPARTURE	09/25/2020 20:42:45	4	76	190	291	065:15:05.99 N	096:25:01.20 W
Fall	LYG	6203	SCHED	09/25/2020 20:44:57	9	0	144	348	065:15:15.60 N	096:24:36.60 W
Fall	LYG	6203	SCHED	09/25/2020 20:47:06	10	16	171	74	065:15:15.60 N	096:24:43.20 W
Fall	LYG	6203	SCHED	09/25/2020 20:49:12	11	5	161	175	065:15:14.40 N	096:24:53.40 W
Fall	LYG	6203	SCHED	09/25/2020 20:51:18	12	35	192	101	065:15:15.60 N	096:24:59.39 W
Fall	LYG	6203	SCHED	09/25/2020 20:53:33	13	4	165	146	065:15:14.40 N	096:24:52.80 W
Fall	LYG	6203	SCHED	09/25/2020 20:55:45	14	0	163	348	065:15:13.80 N	096:24:52.19 W
Fall	LYG	6203	SCHED	09/25/2020 20:57:53	15	0	126	111	065:15:15.60 N	096:24:38.40 W
Fall	LYG	6203	ARRIVAL	09/25/2020 20:59:27	4	0	145	112	065:15:15.60 N	096:24:53.40 W
Fall	LYG	6203	POWER_ON	09/25/2020 21:31:33	NA	NA	NA	NA		
Fall	LYG	6203	SCHED	09/25/2020 21:32:38	1	54	134	181	065:15:09.60 N	096:24:35.99 W
Fall	LYG	6203	DEPARTURE	09/25/2020 21:32:57	1	86	180	293	065:15:05.99 N	096:25:04.79 W
Fall	LYG	6203	SCHED	09/25/2020 21:35:21	2	119	255	327	065:16:28.79 N	096:27:42.60 W
Fall	LYG	6203	SCHED	09/25/2020 21:37:30	3	130	275	329	065:20:27.59 N	096:33:55.80 W
Fall	LYG	6203	SCHED	09/25/2020 21:39:41	4	126	225	295	065:24:31.80 N	096:38:44.39 W
Fall	LYG	6203	ARRIVAL	09/25/2020 21:41:25	1	0	160	288	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6203	XML_FLIGHT_SUMMARY	09/25/2020 21:41:26	0	0	0	0		
Fall	LYG	6204	DEPARTURE	09/25/2020 21:45:08	2	65	216	84	065:24:17.39 N	096:39:57.00 W
Fall	LYG	6204	SCHED	09/25/2020 21:47:16	5	81	243	190	065:22:15.00 N	096:38:14.39 W
Fall	LYG	6204	SCHED	09/25/2020 21:49:21	6	76	250	142	065:20:04.79 N	096:34:49.79 W
Fall	LYG	6204	SCHED	09/25/2020 21:51:27	7	76	259	140	065:18:04.79 N	096:30:55.80 W
Fall	LYG	6204	SCHED	09/25/2020 21:53:35	8	78	284	138	065:16:07.19 N	096:26:32.39 W
Fall	LYG	6204	SCHED	09/25/2020 21:55:50	9	50	182	69	065:15:22.20 N	096:24:36.60 W
Fall	LYG	6204	SCHED	09/25/2020 21:57:56	10	107	263	333	065:18:22.79 N	096:29:14.40 W
Fall	LYG	6204	SCHED	09/25/2020 22:00:08	11	110	275	305	065:21:23.39 N	096:34:21.00 W
Fall	LYG	6204	SCHED	09/25/2020 22:02:17	12	102	248	295	065:24:31.80 N	096:38:34.19 W
Fall	LYG	6204	SCHED	09/25/2020 22:04:26	13	18	196	92	065:24:16.80 N	096:40:38.40 W
Fall	LYG	6204	SCHED	09/25/2020 22:06:35	14	74	281	188	065:22:38.40 N	096:38:08.40 W
Fall	LYG	6204	SCHED	09/25/2020 22:08:46	15	70	276	146	065:20:26.39 N	096:35:25.20 W
Fall	LYG	6204	SCHED	09/25/2020 22:10:52	16	75	286	141	065:18:31.19 N	096:31:32.39 W
Fall	LYG	6204	SCHED	09/25/2020 22:12:58	17	66	330	166	065:16:34.79 N	096:27:52.19 W
Fall	LYG	6204	SCHED	09/25/2020 22:15:03	18	21	215	158	065:15:27.60 N	096:24:52.19 W
Fall	LYG	6204	SCHED	09/25/2020 22:17:13	19	0	163	128	065:15:22.79 N	096:24:48.59 W
Fall	LYG	6204	SCHED	09/25/2020 22:19:20	20	5	142	172	065:15:10.79 N	096:24:34.79 W
Fall	LYG	6204	SCHED	09/25/2020 22:21:25	21	87	239	345	065:15:16.79 N	096:25:23.99 W
Fall	LYG	6204	SCHED	09/25/2020 22:23:34	22	109	297	325	065:18:19.20 N	096:29:48.59 W
Fall	LYG	6204	SCHED	09/25/2020 22:25:41	23	108	304	327	065:21:21.59 N	096:35:16.79 W
Fall	LYG	6204	SCHED	09/25/2020 22:27:46	24	107	268	297	065:24:37.80 N	096:38:38.40 W
Fall	LYG	6204	SCHED	09/25/2020 22:29:51	25	0	162	294	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6204	ARRIVAL	09/25/2020 22:30:35	2	0	164	294	065:24:18.60 N	096:40:40.80 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6204	XML_FLIGHT_SUMMARY	09/25/2020 22:30:36	0	0	0	0		
Fall	LYG	6205	DEPARTURE	09/25/2020 22:35:25	3	54	245	84	065:24:17.39 N	096:39:59.39 W
Fall	LYG	6205	SCHED	09/25/2020 22:37:30	26	67	258	184	065:22:43.80 N	096:37:43.79 W
Fall	LYG	6205	SCHED	09/25/2020 22:39:36	27	57	280	148	065:20:50.40 N	096:35:59.39 W
Fall	LYG	6205	SCHED	09/25/2020 22:41:45	28	61	267	145	065:19:06.60 N	096:33:02.39 W
Fall	LYG	6205	SCHED	09/25/2020 22:43:50	29	63	322	141	065:17:16.20 N	096:29:44.39 W
Fall	LYG	6205	SCHED	09/25/2020 22:46:02	30	68	306	136	065:15:40.80 N	096:25:55.20 W
Fall	LYG	6205	SCHED	09/25/2020 22:48:07	31	4	171	346	065:15:22.20 N	096:24:47.39 W
Fall	LYG	6205	SCHED	09/25/2020 22:50:14	32	106	322	321	065:16:46.19 N	096:25:46.79 W
Fall	LYG	6205	SCHED	09/25/2020 22:52:27	33	115	344	330	065:19:41.39 N	096:32:19.20 W
Fall	LYG	6205	SCHED	09/25/2020 22:54:34	34	108	332	347	065:23:14.39 N	096:36:30.00 W
Fall	LYG	6205	SCHED	09/25/2020 22:56:40	35	1	178	286	065:24:16.80 N	096:40:40.80 W
Fall	LYG	6205	ARRIVAL	09/25/2020 22:58:08	3	0	164	291	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6205	XML_FLIGHT_SUMMARY	09/25/2020 22:58:09	0	0	0	0		
Fall	LYG	6206	POWER_ON	09/25/2020 23:38:34	NA	NA	NA	NA		
Fall	LYG	6206	SCHED	09/25/2020 23:39:26	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6206	DEPARTURE	09/25/2020 23:40:10	1	73	192	89	065:24:18.00 N	096:39:51.00 W
Fall	LYG	6206	SCHED	09/25/2020 23:42:16	2	94	278	155	065:21:44.40 N	096:36:09.00 W
Fall	LYG	6206	SCHED	09/25/2020 23:44:21	3	93	296	143	065:19:05.99 N	096:31:43.20 W
Fall	LYG	6206	SCHED	09/25/2020 23:47:14	4	80	240	143	065:15:48.00 N	096:26:00.00 W
Fall	LYG	6206	ARRIVAL	09/25/2020 23:48:57	1	0	143	99	065:15:22.79 N	096:24:51.59 W
Fall	LYG	6206	XML_FLIGHT_SUMMARY	09/25/2020 23:48:58	0	0	0	0		
Fall	LYG	6206	SCHED	09/25/2020 23:54:08	5	0	141	99	065:15:22.79 N	096:24:51.59 W
Fall	LYG	6207	DEPARTURE	09/25/2020 23:57:53	2	84	185	349	065:15:33.00 N	096:24:28.80 W
Fall	LYG	6207	SCHED	09/26/2020 00:00:03	6	121	239	315	065:18:55.19 N	096:30:24.59 W
Fall	LYG	6207	SCHED	09/26/2020 00:03:40	7	118	248	308	065:24:13.80 N	096:37:23.39 W
Fall	LYG	6207	ARRIVAL	09/26/2020 00:05:36	2	0	158	283	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6207	XML_FLIGHT_SUMMARY	09/26/2020 00:05:37	0	0	0	0		
Fall	LYG	6208	POWER_ON	09/26/2020 12:13:23	NA	NA	NA	NA		
Fall	LYG	6208	SCHED	09/26/2020 12:14:17	1	0	0	0	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6208	DEPARTURE	09/26/2020 12:18:03	1	86	159	152	065:21:38.39 N	096:35:03.60 W
Fall	LYG	6208	SCHED	09/26/2020 12:20:10	2	85	390	145	065:19:04.79 N	096:31:11.40 W
Fall	LYG	6208	SCHED	09/26/2020 12:22:23	3	96	335	153	065:16:30.59 N	096:27:16.19 W
Fall	LYG	6208	SCHED	09/26/2020 12:24:34	4	0	151	218	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6208	ARRIVAL	09/26/2020 12:24:57	1	0	151	218	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6208	XML_FLIGHT_SUMMARY	09/26/2020 12:24:58	0	0	0	0		
Fall	LYG	6209	DEPARTURE	09/26/2020 12:29:22	2	78	198	354	065:15:32.39 N	096:24:26.99 W
Fall	LYG	6209	SCHED	09/26/2020 12:31:29	5	115	377	330	065:20:04.79 N	096:32:05.99 W
Fall	LYG	6209	SCHED	09/26/2020 12:33:45	6	117	387	337	065:23:41.40 N	096:36:24.59 W
Fall	LYG	6209	SCHED	09/26/2020 12:36:02	7	0	164	292	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6209	ARRIVAL	09/26/2020 12:36:11	2	0	162	292	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6209	XML_FLIGHT_SUMMARY	09/26/2020 12:36:12	0	0	0	0		
Fall	LYG	6210	POWER_ON	09/26/2020 13:30:42	NA	NA	NA	NA		
Fall	LYG	6210	SCHED	09/26/2020 13:31:37	1	0	168	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6210	DEPARTURE	09/26/2020 13:33:22	1	67	199	85	065:24:18.60 N	096:39:55.20 W
Fall	LYG	6210	SCHED	09/26/2020 13:35:30	2	92	377	153	065:22:05.40 N	096:36:04.20 W
Fall	LYG	6210	SCHED	09/26/2020 13:37:39	3	93	376	144	065:19:18.59 N	096:32:03.60 W
Fall	LYG	6210	SCHED	09/26/2020 13:39:57	4	87	345	131	065:16:37.19 N	096:27:26.40 W
Fall	LYG	6210	SCHED	09/26/2020 13:42:09	5	85	291	327	065:15:48.00 N	096:23:30.60 W
Fall	LYG	6210	ARRIVAL	09/26/2020 13:44:09	1	0	166	160	065:15:48.00 N	096:25:05.40 W
Fall	LYG	6210	XML_FLIGHT_SUMMARY	09/26/2020 13:44:10	0	0	0	0		
Fall	LYG	6211	DEPARTURE	09/26/2020 13:46:01	2	78	245	233	065:15:33.00 N	096:25:06.00 W
Fall	LYG	6211	SCHED	09/26/2020 13:48:16	6	110	371	328	065:18:24.59 N	096:30:08.40 W
Fall	LYG	6211	SCHED	09/26/2020 13:50:21	7	109	373	341	065:22:06.59 N	096:34:46.79 W
Fall	LYG	6211	SCHED	09/26/2020 13:52:31	8	85	217	215	065:24:32.40 N	096:40:23.99 W
Fall	LYG	6211	ARRIVAL	09/26/2020 13:53:56	2	0	156	320	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6211	XML_FLIGHT_SUMMARY	09/26/2020 13:53:57	0	0	0	0		
Fall	LYG	6212	DEPARTURE	09/26/2020 13:57:24	3	58	255	92	065:24:18.00 N	096:39:58.79 W
Fall	LYG	6212	SCHED	09/26/2020 13:59:31	9	77	333	170	065:22:12.00 N	096:37:06.59 W
Fall	LYG	6212	SCHED	09/26/2020 14:01:36	10	74	367	147	065:19:55.19 N	096:34:27.60 W
Fall	LYG	6212	SCHED	09/26/2020 14:03:43	11	75	405	140	065:17:56.40 N	096:30:51.00 W
Fall	LYG	6212	SCHED	09/26/2020 14:05:53	12	74	371	139	065:15:58.80 N	096:26:35.40 W
Fall	LYG	6212	SCHED	09/26/2020 14:08:04	13	69	265	233	065:15:34.79 N	096:25:12.59 W
Fall	LYG	6212	SCHED	09/26/2020 14:10:10	14	46	204	88	065:15:22.20 N	096:24:35.99 W
Fall	LYG	6212	SCHED	09/26/2020 14:12:16	15	104	383	320	065:17:55.19 N	096:28:12.60 W
Fall	LYG	6212	SCHED	09/26/2020 14:14:36	16	108	375	317	065:20:42.60 N	096:34:04.20 W
Fall	LYG	6212	SCHED	09/26/2020 14:16:42	17	107	350	306	065:24:20.99 N	096:37:24.60 W
Fall	LYG	6212	SCHED	09/26/2020 14:18:47	18	3	199	70	065:24:16.80 N	096:40:40.80 W
Fall	LYG	6212	SCHED	09/26/2020 14:20:55	19	92	351	160	065:22:16.80 N	096:37:21.59 W
Fall	LYG	6212	SCHED	09/26/2020 14:23:01	20	85	399	150	065:19:31.19 N	096:33:41.39 W
Fall	LYG	6212	SCHED	09/26/2020 14:25:27	21	88	403	139	065:16:55.19 N	096:29:38.40 W
Fall	LYG	6212	SCHED	09/26/2020 14:27:33	22	1	179	192	065:15:22.20 N	096:24:47.39 W
Fall	LYG	6212	SCHED	09/26/2020 14:29:41	23	88	419	322	065:16:16.79 N	096:23:47.99 W
Fall	LYG	6212	SCHED	09/26/2020 14:31:50	24	96	389	319	065:18:37.80 N	096:28:40.79 W
Fall	LYG	6212	SCHED	09/26/2020 14:33:56	25	95	360	323	065:21:07.79 N	096:34:15.60 W
Fall	LYG	6212	SCHED	09/26/2020 14:36:01	26	98	347	319	065:24:07.80 N	096:36:59.39 W
Fall	LYG	6212	SCHED	09/26/2020 14:38:06	27	1	193	164	065:24:16.80 N	096:40:40.80 W
Fall	LYG	6212	SCHED	09/26/2020 14:40:12	28	0	162	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6212	ARRIVAL	09/26/2020 14:40:29	3	0	161	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6212	XML_FLIGHT_SUMMARY	09/26/2020 14:40:30	0	0	0	0		
Fall	LYG	6213	POWER_ON	09/26/2020 16:48:39	NA	NA	NA	NA		
Fall	LYG	6213	SCHED	09/26/2020 16:49:36	1	35	175	91	065:24:18.00 N	096:40:33.00 W
Fall	LYG	6213	DEPARTURE	09/26/2020 16:49:45	1	71	208	93	065:24:18.00 N	096:39:50.40 W
Fall	LYG	6213	SCHED	09/26/2020 16:51:51	2	101	464	157	065:21:47.99 N	096:36:30.60 W
Fall	LYG	6213	SCHED	09/26/2020 16:53:58	3	103	474	139	065:19:00.00 N	096:31:35.40 W
Fall	LYG	6213	SCHED	09/26/2020 16:56:08	4	100	350	146	065:16:01.80 N	096:26:17.39 W
Fall	LYG	6213	ARRIVAL	09/26/2020 16:57:51	1	0	150	88	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6213	XML_FLIGHT_SUMMARY	09/26/2020 16:57:52	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6214	POWER_ON	09/26/2020 17:10:36	NA	NA	NA	NA		
Fall	LYG	6214	SCHED	09/26/2020 17:11:32	1	0	142	0	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:11:57	1	78	191	351	065:15:41.40 N	096:24:35.99 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:13:33	1	0	166	80	065:15:47.39 N	096:25:07.19 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:15:15	2	73	237	146	065:15:30.59 N	096:24:40.20 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:17:10	2	0	114	145	065:15:11.99 N	096:22:56.99 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:19:15	3	98	315	234	065:14:55.20 N	096:23:36.60 W
Fall	LYG	6214	SCHED	09/26/2020 17:22:02	2	0	145	80	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:22:13	3	0	148	80	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:24:48	4	49	237	74	065:15:27.60 N	096:24:10.20 W
Fall	LYG	6214	SCHED	09/26/2020 17:26:56	3	1	153	127	065:15:30.00 N	096:23:37.80 W
Fall	LYG	6214	SCHED	09/26/2020 17:29:10	4	2	293	60	065:15:28.79 N	096:23:35.99 W
Fall	LYG	6214	SCHED	09/26/2020 17:31:17	5	14	405	170	065:15:16.79 N	096:23:01.20 W
Fall	LYG	6214	SCHED	09/26/2020 17:33:25	6	5	231	335	065:15:13.80 N	096:22:55.79 W
Fall	LYG	6214	SCHED	09/26/2020 17:35:34	7	1	183	98	065:15:22.79 N	096:24:48.59 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:37:09	4	0	144	83	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6214	POWER_ON	09/26/2020 17:50:37	NA	NA	NA	NA		
Fall	LYG	6214	SCHED	09/26/2020 17:51:25	1	19	159	169	065:15:21.60 N	096:24:51.00 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:51:41	1	62	246	68	065:15:19.79 N	096:24:16.19 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:53:41	1	0	114	112	065:15:12.60 N	096:22:56.99 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:55:09	2	97	278	249	065:14:56.39 N	096:23:38.40 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:57:01	2	0	135	74	065:15:34.79 N	096:23:55.79 W
Fall	LYG	6214	DEPARTURE	09/26/2020 17:58:20	3	84	185	312	065:15:50.39 N	096:23:58.20 W
Fall	LYG	6214	ARRIVAL	09/26/2020 17:59:55	3	0	170	97	065:15:47.39 N	096:25:07.19 W
Fall	LYG	6214	DEPARTURE	09/26/2020 18:01:13	4	63	244	168	065:15:36.00 N	096:24:42.60 W
Fall	LYG	6214	SCHED	09/26/2020 18:03:20	2	0	140	163	065:15:31.79 N	096:23:54.59 W
Fall	LYG	6214	ARRIVAL	09/26/2020 18:03:39	4	0	140	163	065:15:31.79 N	096:23:54.59 W
Fall	LYG	6214	POWER_ON	09/26/2020 18:53:17	NA	NA	NA	NA		
Fall	LYG	6214	SCHED	09/26/2020 18:54:03	1	2	141	138	065:15:31.79 N	096:23:53.99 W
Fall	LYG	6214	DEPARTURE	09/26/2020 18:54:29	1	94	161	253	065:15:16.79 N	096:24:25.20 W
Fall	LYG	6214	ARRIVAL	09/26/2020 18:55:47	1	0	142	69	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6214	DEPARTURE	09/26/2020 18:57:59	2	75	203	341	065:15:41.40 N	096:24:49.79 W
Fall	LYG	6214	SCHED	09/26/2020 19:00:06	2	112	500	324	065:18:43.80 N	096:29:28.79 W
Fall	LYG	6214	SCHED	09/26/2020 19:02:11	3	114	525	339	065:22:09.59 N	096:33:56.99 W
Fall	LYG	6214	SCHED	09/26/2020 19:04:16	4	93	257	286	065:24:19.80 N	096:37:08.40 W
Fall	LYG	6214	SCHED	09/26/2020 19:06:34	5	0	155	342	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6214	ARRIVAL	09/26/2020 19:06:42	2	0	155	342	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6214	XML_FLIGHT_SUMMARY	09/26/2020 19:06:43	0	0	0	0		
Fall	LYG	6215	POWER_ON	09/26/2020 19:41:56	NA	NA	NA	NA		
Fall	LYG	6215	SCHED	09/26/2020 19:42:43	1	67	215	87	065:24:19.19 N	096:39:54.00 W
Fall	LYG	6215	DEPARTURE	09/26/2020 19:42:51	1	67	215	87	065:24:19.19 N	096:39:54.00 W
Fall	LYG	6215	SCHED	09/26/2020 19:44:59	2	101	546	147	065:21:27.59 N	096:36:10.79 W
Fall	LYG	6215	SCHED	09/26/2020 19:47:23	3	107	518	138	065:18:18.59 N	096:31:21.59 W
Fall	LYG	6215	SCHED	09/26/2020 19:49:30	4	81	207	111	065:15:35.40 N	096:24:22.19 W
Fall	LYG	6215	ARRIVAL	09/26/2020 19:50:57	1	0	115	68	065:15:30.00 N	096:23:40.20 W
Fall	LYG	6215	XML_FLIGHT_SUMMARY	09/26/2020 19:50:58	0	0	0	0		
Fall	LYG	6216	DEPARTURE	09/26/2020 19:53:15	2	78	184	269	065:15:40.80 N	096:24:05.40 W
Fall	LYG	6216	ARRIVAL	09/26/2020 19:54:58	2	0	165	49	065:15:46.80 N	096:25:06.59 W
Fall	LYG	6216	DEPARTURE	09/26/2020 19:57:19	3	73	228	331	065:16:05.99 N	096:25:16.19 W
Fall	LYG	6216	SCHED	09/26/2020 19:59:25	5	107	515	319	065:18:39.00 N	096:30:35.40 W
Fall	LYG	6216	SCHED	09/26/2020 20:01:36	6	108	522	342	065:21:58.20 N	096:34:48.60 W
Fall	LYG	6216	SCHED	09/26/2020 20:03:42	7	73	189	200	065:24:27.60 N	096:40:36.59 W
Fall	LYG	6216	ARRIVAL	09/26/2020 20:05:02	3	0	161	343	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6216	XML_FLIGHT_SUMMARY	09/26/2020 20:05:03	0	0	0	0		
Fall	LYG	6217	POWER_ON	09/26/2020 20:39:49	NA	NA	NA	NA		
Fall	LYG	6217	SCHED	09/26/2020 20:40:39	1	0	163	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6217	DEPARTURE	09/26/2020 20:41:11	1	72	203	75	065:24:20.39 N	096:39:51.59 W
Fall	LYG	6217	SCHED	09/26/2020 20:43:18	2	110	422	146	065:21:59.99 N	096:35:14.39 W
Fall	LYG	6217	SCHED	09/26/2020 20:45:31	3	106	424	149	065:18:54.60 N	096:30:13.19 W
Fall	LYG	6217	SCHED	09/26/2020 20:47:41	4	107	266	131	065:15:55.80 N	096:23:48.60 W
Fall	LYG	6217	SCHED	09/26/2020 20:49:47	5	0	149	142	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6217	ARRIVAL	09/26/2020 20:50:18	1	0	147	142	065:15:22.79 N	096:24:51.59 W
Fall	LYG	6217	XML_FLIGHT_SUMMARY	09/26/2020 20:50:19	0	0	0	0		
Fall	LYG	6218	POWER_ON	09/26/2020 21:10:37	NA	NA	NA	NA		
Fall	LYG	6218	SCHED	09/26/2020 21:12:16	1	2	184	107	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6218	SCHED	09/26/2020 21:17:23	2	0	143	118	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6218	DEPARTURE	09/26/2020 21:21:57	1	35	191	215	065:15:25.20 N	096:24:54.00 W
Fall	LYG	6218	SCHED	09/26/2020 21:24:03	3	4	184	124	065:15:22.79 N	096:24:49.20 W
Fall	LYG	6218	SCHED	09/26/2020 21:26:09	4	6	185	141	065:15:22.79 N	096:24:48.59 W
Fall	LYG	6218	SCHED	09/26/2020 21:28:25	5	1	171	210	065:15:15.60 N	096:24:36.60 W
Fall	LYG	6218	SCHED	09/26/2020 21:30:34	6	50	193	16	065:15:19.79 N	096:24:28.80 W
Fall	LYG	6218	SCHED	09/26/2020 21:32:41	7	62	210	294	065:15:27.60 N	096:24:40.80 W
Fall	LYG	6218	SCHED	09/26/2020 21:34:46	8	0	168	316	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6218	SCHED	09/26/2020 21:36:56	9	4	188	121	065:15:22.79 N	096:24:48.59 W
Fall	LYG	6218	SCHED	09/26/2020 21:39:02	10	11	192	119	065:15:22.79 N	096:24:49.79 W
Fall	LYG	6218	SCHED	09/26/2020 21:41:08	11	43	181	32	065:15:18.59 N	096:24:30.60 W
Fall	LYG	6218	SCHED	09/26/2020 21:43:32	12	1	167	311	065:15:15.60 N	096:24:36.60 W
Fall	LYG	6218	SCHED	09/26/2020 21:45:38	13	0	166	103	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6218	SCHED	09/26/2020 21:47:45	14	1	185	31	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6218	SCHED	09/26/2020 21:49:51	15	6	177	358	065:15:16.19 N	096:24:36.60 W
Fall	LYG	6218	SCHED	09/26/2020 21:51:56	16	1	164	330	065:15:15.60 N	096:24:36.60 W
Fall	LYG	6218	SCHED	09/26/2020 21:54:03	17	2	170	104	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6218	SCHED	09/26/2020 21:56:12	18	5	173	149	065:15:16.19 N	096:24:37.80 W
Fall	LYG	6218	SCHED	09/26/2020 21:58:22	19	6	175	134	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6218	SCHED	09/26/2020 22:00:28	20	9	194	116	065:15:22.20 N	096:24:46.79 W
Fall	LYG	6218	SCHED	09/26/2020 22:02:34	21	1	185	58	065:15:22.79 N	096:24:47.99 W
Fall	LYG	6218	SCHED	09/26/2020 22:04:41	22	65	211	320	065:15:25.79 N	096:24:37.19 W
Fall	LYG	6218	SCHED	09/26/2020 22:06:46	23	20	194	46	065:15:16.79 N	096:24:34.19 W
Fall	LYG	6218	SCHED	09/26/2020 22:08:52	24	1	163	170	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6218	SCHED	09/26/2020 22:10:57	25	2	182	343	065:15:22.79 N	096:24:48.59 W
Fall	LYG	6218	SCHED	09/26/2020 22:13:03	26	46	213	237	065:15:25.79 N	096:24:52.19 W
Fall	LYG	6218	SCHED	09/26/2020 22:15:09	27	66	206	314	065:15:25.79 N	096:24:40.20 W
Fall	LYG	6218	SCHED	09/26/2020 22:17:53	28	1	167	193	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6218	SCHED	09/26/2020 22:20:05	29	21	205	141	065:15:20.40 N	096:24:42.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6218	SCHED	09/26/2020 22:22:10	30	0	182	165	065:15:22.20 N	096:24:47.39 W
Fall	LYG	6218	SCHED	09/26/2020 22:24:18	31	18	199	111	065:15:22.79 N	096:24:50.40 W
Fall	LYG	6218	SCHED	09/26/2020 22:26:25	32	14	179	31	065:15:16.19 N	096:24:34.79 W
Fall	LYG	6218	SCHED	09/26/2020 22:28:34	33	1	180	332	065:15:22.79 N	096:24:47.99 W
Fall	LYG	6218	SCHED	09/26/2020 22:30:46	34	57	190	352	065:15:20.99 N	096:24:33.00 W
Fall	LYG	6218	SCHED	09/26/2020 22:32:56	35	66	214	312	065:15:26.99 N	096:24:41.99 W
Fall	LYG	6218	SCHED	09/26/2020 22:35:01	36	0	139	229	065:15:15.60 N	096:24:37.80 W
Fall	LYG	6218	ARRIVAL	09/26/2020 22:37:04	1	0	144	118	065:15:22.79 N	096:24:51.00 W
Fall	LYG	6218	XML_FLIGHT_SUMMARY	09/26/2020 22:37:05	0	0	0	0		
Fall	LYG	6218	SCHED	09/26/2020 22:42:10	37	1	167	135	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6218	SCHED	09/26/2020 22:47:22	38	0	126	22	065:15:15.60 N	096:24:38.40 W
Fall	LYG	6219	DEPARTURE	09/26/2020 22:50:56	2	79	169	4	065:15:26.99 N	096:24:11.39 W
Fall	LYG	6219	SCHED	09/26/2020 22:53:01	39	115	540	316	065:18:24.59 N	096:29:02.39 W
Fall	LYG	6219	SCHED	09/26/2020 22:55:08	40	119	603	338	065:21:43.19 N	096:34:48.00 W
Fall	LYG	6219	SCHED	09/26/2020 22:57:17	41	87	243	251	065:24:12.59 N	096:40:16.19 W
Fall	LYG	6219	ARRIVAL	09/26/2020 22:58:35	2	0	161	329	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6219	XML_FLIGHT_SUMMARY	09/26/2020 22:58:36	0	0	0	0		
Fall	LYG	6219	SCHED	09/26/2020 23:03:40	42	0	160	329	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6220	DEPARTURE	09/26/2020 23:08:20	3	61	245	82	065:24:19.19 N	096:39:55.20 W
Fall	LYG	6220	SCHED	09/26/2020 23:10:26	43	83	411	162	065:22:09.59 N	096:37:23.39 W
Fall	LYG	6220	SCHED	09/26/2020 23:12:32	44	77	486	142	065:19:49.19 N	096:33:53.99 W
Fall	LYG	6220	SCHED	09/26/2020 23:14:40	45	87	430	140	065:17:33.59 N	096:29:36.00 W
Fall	LYG	6220	SCHED	09/26/2020 23:16:50	46	57	233	104	065:15:16.19 N	096:25:02.39 W
Fall	LYG	6220	SCHED	09/26/2020 23:18:55	47	0	126	8	065:15:15.60 N	096:24:38.40 W
Fall	LYG	6220	ARRIVAL	09/26/2020 23:19:10	3	0	125	8	065:15:15.60 N	096:24:38.40 W
Fall	LYG	6220	XML_FLIGHT_SUMMARY	09/26/2020 23:19:11	0	0	0	0		
Fall	LYG	6221	DEPARTURE	09/26/2020 23:23:30	4	74	231	350	065:15:31.79 N	096:24:22.19 W
Fall	LYG	6221	SCHED	09/26/2020 23:25:37	48	97	471	319	065:18:11.99 N	096:29:22.80 W
Fall	LYG	6221	SCHED	09/26/2020 23:27:43	49	101	499	337	065:20:56.40 N	096:34:19.79 W
Fall	LYG	6221	SCHED	09/26/2020 23:29:48	50	103	351	317	065:24:07.80 N	096:36:59.39 W
Fall	LYG	6221	SCHED	09/26/2020 23:32:09	51	1	194	355	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6221	ARRIVAL	09/26/2020 23:33:32	4	0	160	351	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6221	XML_FLIGHT_SUMMARY	09/26/2020 23:33:33	0	0	0	0		
Fall	LYG	6222	DEPARTURE	09/26/2020 23:34:59	5	77	214	88	065:24:18.60 N	096:39:49.79 W
Fall	LYG	6222	SCHED	09/26/2020 23:37:05	52	107	457	143	065:21:33.00 N	096:35:04.79 W
Fall	LYG	6222	SCHED	09/26/2020 23:39:16	53	111	478	150	065:18:25.79 N	096:29:58.20 W
Fall	LYG	6222	SCHED	09/26/2020 23:41:28	54	38	161	116	065:15:16.79 N	096:24:51.00 W
Fall	LYG	6222	ARRIVAL	09/26/2020 23:42:48	5	0	137	93	065:15:15.60 N	096:24:38.40 W
Fall	LYG	6222	XML_FLIGHT_SUMMARY	09/26/2020 23:42:49	0	0	0	0		
Fall	LYG	6222	SCHED	09/26/2020 23:47:53	55	0	120	93	065:15:15.60 N	096:24:38.40 W
Fall	LYG	6223	DEPARTURE	09/26/2020 23:50:58	6	72	164	4	065:15:26.99 N	096:24:14.39 W
Fall	LYG	6223	SCHED	09/26/2020 23:53:08	56	115	488	320	065:18:38.39 N	096:29:40.79 W
Fall	LYG	6223	SCHED	09/26/2020 23:55:15	57	126	431	337	065:22:11.40 N	096:35:10.79 W
Fall	LYG	6223	SCHED	09/26/2020 23:57:20	58	28	168	312	065:24:16.80 N	096:40:37.80 W
Fall	LYG	6223	ARRIVAL	09/26/2020 23:58:27	6	0	156	288	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6223	XML_FLIGHT_SUMMARY	09/26/2020 23:58:28	0	0	0	0		
Fall	LYG	6224	POWER_ON	09/27/2020 14:05:40	NA	NA	NA	NA		
Fall	LYG	6224	SCHED	09/27/2020 14:06:36	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6224	DEPARTURE	09/27/2020 14:10:32	1	110	207	151	065:20:20.40 N	096:32:51.60 W
Fall	LYG	6224	SCHED	09/27/2020 14:12:38	2	112	189	162	065:18:31.80 N	096:25:30.00 W
Fall	LYG	6224	SCHED	09/27/2020 14:14:43	3	107	135	221	065:15:20.99 N	096:24:01.79 W
Fall	LYG	6224	ARRIVAL	09/27/2020 14:16:20	1	0	123	3	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6224	XML_FLIGHT_SUMMARY	09/27/2020 14:16:21	0	0	0	0		
Fall	LYG	6225	DEPARTURE	09/27/2020 14:17:01	2	72	152	358	065:15:30.59 N	096:24:18.00 W
Fall	LYG	6225	ARRIVAL	09/27/2020 14:19:01	2	0	181	247	065:16:13.80 N	096:24:39.59 W
Fall	LYG	6225	DEPARTURE	09/27/2020 14:19:54	3	86	175	153	065:16:09.60 N	096:24:03.59 W
Fall	LYG	6225	ARRIVAL	09/27/2020 14:21:42	3	0	124	346	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6225	DEPARTURE	09/27/2020 14:23:37	4	81	129	52	065:15:23.40 N	096:23:51.59 W
Fall	LYG	6225	SCHED	09/27/2020 14:25:43	4	101	177	314	065:18:15.59 N	096:24:34.79 W
Fall	LYG	6225	SCHED	09/27/2020 14:27:57	5	109	195	315	065:20:21.59 N	096:31:57.60 W
Fall	LYG	6225	SCHED	09/27/2020 14:30:03	6	104	199	336	065:23:41.99 N	096:36:24.59 W
Fall	LYG	6225	SCHED	09/27/2020 14:32:08	7	0	158	298	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6225	ARRIVAL	09/27/2020 14:32:52	4	0	160	298	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6225	XML_FLIGHT_SUMMARY	09/27/2020 14:32:53	0	0	0	0		
Fall	LYG	6226	DEPARTURE	09/27/2020 14:35:19	5	79	177	69	065:24:24.00 N	096:39:50.40 W
Fall	LYG	6226	SCHED	09/27/2020 14:37:28	8	98	177	179	065:22:32.39 N	096:35:52.80 W
Fall	LYG	6226	SCHED	09/27/2020 14:39:35	9	104	173	127	065:20:02.39 N	096:31:01.79 W
Fall	LYG	6226	SCHED	09/27/2020 14:41:41	10	106	208	165	065:17:40.80 N	096:25:00.60 W
Fall	LYG	6226	SCHED	09/27/2020 14:44:37	11	0	163	353	065:15:46.80 N	096:25:06.59 W
Fall	LYG	6226	ARRIVAL	09/27/2020 14:45:00	5	0	164	353	065:15:46.80 N	096:25:06.59 W
Fall	LYG	6226	XML_FLIGHT_SUMMARY	09/27/2020 14:45:01	0	0	0	0		
Fall	LYG	6227	DEPARTURE	09/27/2020 14:50:04	6	49	177	64	065:15:54.60 N	096:24:31.79 W
Fall	LYG	6227	ARRIVAL	09/27/2020 14:51:43	6	0	161	249	065:16:03.60 N	096:24:01.79 W
Fall	LYG	6227	DEPARTURE	09/27/2020 14:54:08	7	86	185	321	065:16:23.40 N	096:24:23.39 W
Fall	LYG	6227	SCHED	09/27/2020 14:56:17	12	107	210	326	065:19:23.39 N	096:30:13.79 W
Fall	LYG	6227	SCHED	09/27/2020 14:58:23	13	102	204	347	065:22:18.00 N	096:35:48.60 W
Fall	LYG	6227	SCHED	09/27/2020 15:00:30	14	78	187	263	065:24:19.80 N	096:39:13.20 W
Fall	LYG	6227	SCHED	09/27/2020 15:02:39	15	0	158	284	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6227	ARRIVAL	09/27/2020 15:04:22	7	0	158	284	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6227	XML_FLIGHT_SUMMARY	09/27/2020 15:04:23	0	0	0	0		
Fall	LYG	6228	DEPARTURE	09/27/2020 15:05:10	8	76	177	72	065:24:23.39 N	096:39:51.00 W
Fall	LYG	6228	SCHED	09/27/2020 15:07:17	16	109	186	175	065:21:59.40 N	096:35:56.40 W
Fall	LYG	6228	SCHED	09/27/2020 15:09:23	17	110	222	146	065:18:46.19 N	096:31:05.40 W
Fall	LYG	6228	SCHED	09/27/2020 15:11:35	18	107	201	115	065:15:39.59 N	096:25:19.79 W
Fall	LYG	6228	ARRIVAL	09/27/2020 15:13:09	8	0	132	217	065:15:39.59 N	096:23:49.20 W
Fall	LYG	6228	XML_FLIGHT_SUMMARY	09/27/2020 15:13:10	0	0	0	0		
Fall	LYG	6229	DEPARTURE	09/27/2020 15:14:36	9	86	158	267	065:15:25.79 N	096:24:16.80 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6229	ARRIVAL	09/27/2020 15:15:59	9	0	147	85	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6229	DEPARTURE	09/27/2020 15:16:33	10	61	156	53	065:15:34.20 N	096:24:16.19 W
Fall	LYG	6229	SCHED	09/27/2020 15:18:39	19	1	162	18	065:15:22.20 N	096:24:48.59 W
Fall	LYG	6229	SCHED	09/27/2020 15:20:47	20	0	148	359	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6229	SCHED	09/27/2020 15:22:56	21	0	147	117	065:15:22.20 N	096:24:49.20 W
Fall	LYG	6229	SCHED	09/27/2020 15:25:05	22	0	148	286	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6229	SCHED	09/27/2020 15:27:15	23	50	183	53	065:15:36.59 N	096:24:00.60 W
Fall	LYG	6229	SCHED	09/27/2020 15:29:20	24	21	180	80	065:15:22.79 N	096:24:45.00 W
Fall	LYG	6229	SCHED	09/27/2020 15:31:25	25	44	181	193	065:15:25.20 N	096:24:55.20 W
Fall	LYG	6229	SCHED	09/27/2020 15:33:35	26	0	151	31	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6229	SCHED	09/27/2020 15:35:46	27	16	167	91	065:15:39.59 N	096:23:50.40 W
Fall	LYG	6229	SCHED	09/27/2020 15:37:55	28	38	162	44	065:15:19.20 N	096:24:58.20 W
Fall	LYG	6229	ARRIVAL	09/27/2020 15:39:05	10	0	146	48	065:15:22.20 N	096:24:51.00 W
Fall	LYG	6229	XML_FLIGHT_SUMMARY	09/27/2020 15:39:06	0	0	0	0		
Fall	LYG	6230	DEPARTURE	09/27/2020 15:40:39	11	78	152	58	065:15:33.59 N	096:24:07.19 W
Fall	LYG	6230	ARRIVAL	09/27/2020 15:41:06	11	0	134	105	065:15:39.59 N	096:23:50.40 W
Fall	LYG	6230	POWER_ON	09/27/2020 16:31:47	NA	NA	NA	NA		
Fall	LYG	6230	SCHED	09/27/2020 16:32:41	1	33	148	35	065:15:41.40 N	096:23:46.20 W
Fall	LYG	6230	DEPARTURE	09/27/2020 16:32:51	1	77	173	342	065:15:58.80 N	096:23:51.59 W
Fall	LYG	6230	SCHED	09/27/2020 16:34:59	2	109	258	320	065:18:49.19 N	096:29:20.99 W
Fall	LYG	6230	SCHED	09/27/2020 16:37:07	3	111	269	329	065:21:51.60 N	096:35:09.59 W
Fall	LYG	6230	SCHED	09/27/2020 16:39:30	4	72	184	271	065:24:14.39 N	096:40:28.79 W
Fall	LYG	6230	ARRIVAL	09/27/2020 16:40:51	1	0	167	233	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6230	XML_FLIGHT_SUMMARY	09/27/2020 16:40:52	0	0	0	0		
Fall	LYG	6231	DEPARTURE	09/27/2020 16:43:01	2	73	230	57	065:24:34.79 N	096:40:12.59 W
Fall	LYG	6231	SCHED	09/27/2020 16:45:06	5	108	272	173	065:22:12.00 N	096:35:32.39 W
Fall	LYG	6231	SCHED	09/27/2020 16:47:12	6	88	287	142	065:19:09.59 N	096:33:03.60 W
Fall	LYG	6231	SCHED	09/27/2020 16:49:17	7	91	302	141	065:16:35.40 N	096:28:16.19 W
Fall	LYG	6231	SCHED	09/27/2020 16:51:25	8	0	149	12	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6231	SCHED	09/27/2020 16:53:31	9	87	288	325	065:16:10.19 N	096:25:11.99 W
Fall	LYG	6231	SCHED	09/27/2020 16:55:36	10	98	284	331	065:18:49.79 N	096:29:53.99 W
Fall	LYG	6231	SCHED	09/27/2020 16:57:49	11	93	296	328	065:21:22.80 N	096:34:42.60 W
Fall	LYG	6231	SCHED	09/27/2020 16:59:59	12	91	282	293	065:24:20.99 N	096:37:52.80 W
Fall	LYG	6231	SCHED	09/27/2020 17:02:26	13	2	170	16	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6231	ARRIVAL	09/27/2020 17:03:11	2	0	166	279	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6231	XML_FLIGHT_SUMMARY	09/27/2020 17:03:12	0	0	0	0		
Fall	LYG	6232	POWER_ON	09/27/2020 20:01:54	NA	NA	NA	NA		
Fall	LYG	6232	SCHED	09/27/2020 20:02:45	1	1	176	300	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6232	DEPARTURE	09/27/2020 20:04:55	1	67	248	38	065:24:34.19 N	096:40:17.39 W
Fall	LYG	6232	SCHED	09/27/2020 20:07:02	2	90	374	170	065:22:06.00 N	096:38:07.79 W
Fall	LYG	6232	SCHED	09/27/2020 20:09:09	3	88	435	147	065:19:32.39 N	096:33:38.39 W
Fall	LYG	6232	SCHED	09/27/2020 20:11:15	4	95	420	140	065:16:54.60 N	096:29:02.39 W
Fall	LYG	6232	SCHED	09/27/2020 20:13:28	5	12	180	260	065:15:15.00 N	096:24:34.79 W
Fall	LYG	6232	SCHED	09/27/2020 20:15:35	6	4	135	59	065:15:15.00 N	096:24:37.80 W
Fall	LYG	6232	SCHED	09/27/2020 20:17:44	7	54	272	167	065:15:50.39 N	096:23:48.60 W
Fall	LYG	6232	SCHED	09/27/2020 20:19:52	8	0	183	226	065:16:13.80 N	096:24:39.59 W
Fall	LYG	6232	ARRIVAL	09/27/2020 20:20:15	1	0	182	226	065:16:13.80 N	096:24:39.59 W
Fall	LYG	6232	XML_FLIGHT_SUMMARY	09/27/2020 20:20:16	0	0	0	0		
Fall	LYG	6233	DEPARTURE	09/27/2020 20:20:58	2	81	266	112	065:15:58.80 N	096:24:30.00 W
Fall	LYG	6233	SCHED	09/27/2020 20:23:47	9	0	114	238	065:15:11.99 N	096:22:56.99 W
Fall	LYG	6233	ARRIVAL	09/27/2020 20:23:55	2	0	115	238	065:15:11.99 N	096:22:56.99 W
Fall	LYG	6233	DEPARTURE	09/27/2020 20:29:05	3	77	296	236	065:14:55.80 N	096:23:33.60 W
Fall	LYG	6233	ARRIVAL	09/27/2020 20:31:07	3	0	124	250	065:15:52.19 N	096:23:22.80 W
Fall	LYG	6233	DEPARTURE	09/27/2020 20:33:34	4	75	182	261	065:15:45.59 N	096:24:10.20 W
Fall	LYG	6233	ARRIVAL	09/27/2020 20:34:10	4	0	165	300	065:15:46.80 N	096:25:04.19 W
Fall	LYG	6233	DEPARTURE	09/27/2020 20:36:28	5	84	175	84	065:15:40.80 N	096:24:18.00 W
Fall	LYG	6233	SCHED	09/27/2020 20:38:33	10	0	119	230	065:15:31.20 N	096:23:38.40 W
Fall	LYG	6233	ARRIVAL	09/27/2020 20:39:10	5	0	119	230	065:15:31.20 N	096:23:38.40 W
Fall	LYG	6233	DEPARTURE	09/27/2020 20:40:02	6	73	161	232	065:15:17.40 N	096:24:13.20 W
Fall	LYG	6233	SCHED	09/27/2020 20:42:13	11	0	162	192	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6233	SCHED	09/27/2020 20:44:24	12	86	417	326	065:17:18.59 N	096:28:24.59 W
Fall	LYG	6233	SCHED	09/27/2020 20:46:30	13	86	501	329	065:19:47.40 N	096:32:24.59 W
Fall	LYG	6233	SCHED	09/27/2020 20:48:41	14	93	423	353	065:22:35.99 N	096:35:49.19 W
Fall	LYG	6233	SCHED	09/27/2020 20:50:50	15	63	268	262	065:24:14.39 N	096:40:18.00 W
Fall	LYG	6233	SCHED	09/27/2020 20:53:01	16	0	163	273	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6233	ARRIVAL	09/27/2020 20:53:35	6	0	162	273	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6233	XML_FLIGHT_SUMMARY	09/27/2020 20:53:36	0	0	0	0		
Fall	LYG	6234	DEPARTURE	09/27/2020 20:55:01	7	75	217	58	065:24:35.99 N	096:40:13.20 W
Fall	LYG	6234	SCHED	09/27/2020 20:57:10	17	110	504	147	065:22:00.59 N	096:35:44.40 W
Fall	LYG	6234	SCHED	09/27/2020 20:59:22	18	115	456	141	065:18:48.00 N	096:29:58.20 W
Fall	LYG	6234	SCHED	09/27/2020 21:01:40	19	86	200	143	065:15:53.39 N	096:23:34.79 W
Fall	LYG	6234	SCHED	09/27/2020 21:03:49	20	53	277	50	065:15:40.80 N	096:24:24.59 W
Fall	LYG	6234	SCHED	09/27/2020 21:05:56	21	9	122	276	065:15:30.00 N	096:23:34.79 W
Fall	LYG	6234	ARRIVAL	09/27/2020 21:06:58	7	0	120	299	065:15:30.59 N	096:23:35.99 W
Fall	LYG	6234	XML_FLIGHT_SUMMARY	09/27/2020 21:06:59	0	0	0	0		
Fall	LYG	6235	POWER_ON	09/27/2020 21:19:49	NA	NA	NA	NA		
Fall	LYG	6235	SCHED	09/27/2020 21:20:41	1	18	135	241	065:15:30.00 N	096:23:38.40 W
Fall	LYG	6235	DEPARTURE	09/27/2020 21:20:56	1	72	180	312	065:15:32.39 N	096:24:21.00 W
Fall	LYG	6235	ARRIVAL	09/27/2020 21:22:31	1	0	168	203	065:15:48.00 N	096:25:04.79 W
Fall	LYG	6235	DEPARTURE	09/27/2020 21:25:51	2	70	212	221	065:15:30.00 N	096:25:21.00 W
Fall	LYG	6235	SCHED	09/27/2020 21:30:03	2	96	474	334	065:20:28.80 N	096:33:30.59 W
Fall	LYG	6235	SCHED	09/27/2020 21:32:12	3	112	415	323	065:23:56.40 N	096:36:31.80 W
Fall	LYG	6235	SCHED	09/27/2020 21:34:20	4	0	164	322	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6235	ARRIVAL	09/27/2020 21:34:28	2	0	164	322	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6235	XML_FLIGHT_SUMMARY	09/27/2020 21:34:29	0	0	0	0		
Fall	LYG	6235	SCHED	09/27/2020 21:39:34	5	0	168	322	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6236	DEPARTURE	09/27/2020 21:41:32	3	81	251	49	065:24:35.99 N	096:40:12.59 W
Fall	LYG	6236	SCHED	09/27/2020 21:43:40	6	105	552	161	065:21:43.19 N	096:36:43.19 W
Fall	LYG	6236	SCHED	09/27/2020 21:45:46	7	104	421	140	065:18:37.80 N	096:31:44.39 W
Fall	LYG	6236	SCHED	09/27/2020 21:48:09	8	106	317	147	065:15:50.39 N	096:26:06.59 W
Fall	LYG	6236	SCHED	09/27/2020 21:50:17	9	65	243	321	065:15:26.40 N	096:25:08.39 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6236	SCHED	09/27/2020 21:52:27	10	82	451	322	065:17:45.60 N	096:28:49.79 W
Fall	LYG	6236	SCHED	09/27/2020 21:54:33	11	87	443	325	065:20:20.40 N	096:32:57.60 W
Fall	LYG	6236	SCHED	09/27/2020 21:56:39	12	90	424	353	065:23:06.59 N	096:35:52.19 W
Fall	LYG	6236	SCHED	09/27/2020 21:58:47	13	21	231	289	065:24:15.59 N	096:40:36.59 W
Fall	LYG	6236	SCHED	09/27/2020 22:00:52	14	0	165	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6236	ARRIVAL	09/27/2020 22:01:33	3	0	166	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6236	XML_FLIGHT_SUMMARY	09/27/2020 22:01:34	0	0	0	0		
Fall	LYG	6237	POWER_ON	09/27/2020 22:21:53	NA	NA	NA	NA		
Fall	LYG	6237	SCHED	09/27/2020 22:22:49	1	0	169	114	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6237	POWER_ON	09/27/2020 22:37:46	NA	NA	NA	NA		
Fall	LYG	6237	SCHED	09/27/2020 22:38:42	1	0	163	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6237	POWER_ON	09/27/2020 23:38:56	NA	NA	NA	NA		
Fall	LYG	6237	SCHED	09/27/2020 23:39:53	1	0	156	6	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6237	DEPARTURE	09/27/2020 23:40:30	1	76	190	50	065:24:35.40 N	096:40:15.60 W
Fall	LYG	6237	SCHED	09/27/2020 23:42:36	2	117	395	154	065:21:41.99 N	096:34:53.40 W
Fall	LYG	6237	SCHED	09/27/2020 23:44:43	3	121	428	142	065:18:09.59 N	096:30:17.39 W
Fall	LYG	6237	SCHED	09/27/2020 23:46:57	4	35	143	242	065:15:13.80 N	096:24:26.99 W
Fall	LYG	6237	ARRIVAL	09/27/2020 23:48:08	1	0	122	333	065:15:15.00 N	096:24:36.60 W
Fall	LYG	6237	XML_FLIGHT_SUMMARY	09/27/2020 23:48:09	0	0	0	0		
Fall	LYG	6237	SCHED	09/27/2020 23:53:19	5	0	123	333	065:15:15.00 N	096:24:36.60 W
Fall	LYG	6238	DEPARTURE	09/27/2020 23:56:02	2	73	195	325	065:15:26.99 N	096:25:14.39 W
Fall	LYG	6238	SCHED	09/27/2020 23:58:09	6	103	487	327	065:18:23.39 N	096:29:56.39 W
Fall	LYG	6238	SCHED	09/28/2020 00:00:19	7	107	432	342	065:21:39.60 N	096:34:19.79 W
Fall	LYG	6238	SCHED	09/28/2020 00:02:32	8	94	222	257	065:24:20.39 N	096:39:21.00 W
Fall	LYG	6238	ARRIVAL	09/28/2020 00:04:03	2	0	163	297	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6238	XML_FLIGHT_SUMMARY	09/28/2020 00:04:04	0	0	0	0		
Fall	LYG	6239	POWER_ON	09/28/2020 12:12:33	NA	NA	NA	NA		
Fall	LYG	6239	SCHED	09/28/2020 12:13:26	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6239	DEPARTURE	09/28/2020 12:16:49	1	87	162	148	065:22:03.59 N	096:35:55.80 W
Fall	LYG	6239	SCHED	09/28/2020 12:18:55	2	94	495	142	065:19:24.00 N	096:31:51.60 W
Fall	LYG	6239	SCHED	09/28/2020 12:21:01	3	102	374	138	065:16:45.00 N	096:26:30.00 W
Fall	LYG	6239	SCHED	09/28/2020 12:23:11	4	72	323	204	065:15:54.60 N	096:25:27.60 W
Fall	LYG	6239	SCHED	09/28/2020 12:25:24	5	0	126	358	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6239	ARRIVAL	09/28/2020 12:25:32	1	0	126	358	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6239	XML_FLIGHT_SUMMARY	09/28/2020 12:25:33	0	0	0	0		
Fall	LYG	6240	DEPARTURE	09/28/2020 12:26:33	2	69	217	333	065:15:15.60 N	096:25:10.20 W
Fall	LYG	6240	SCHED	09/28/2020 12:28:41	6	110	443	328	065:18:17.39 N	096:29:03.00 W
Fall	LYG	6240	SCHED	09/28/2020 12:30:58	7	114	459	332	065:21:35.39 N	096:34:19.19 W
Fall	LYG	6240	SCHED	09/28/2020 12:33:03	8	91	231	296	065:24:34.19 N	096:39:43.79 W
Fall	LYG	6240	ARRIVAL	09/28/2020 12:34:45	2	0	168	284	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6240	XML_FLIGHT_SUMMARY	09/28/2020 12:34:46	0	0	0	0		
Fall	LYG	6241	DEPARTURE	09/28/2020 12:37:26	3	82	264	74	065:24:18.60 N	096:39:52.80 W
Fall	LYG	6241	SCHED	09/28/2020 12:39:33	9	92	420	168	065:21:48.59 N	096:36:31.80 W
Fall	LYG	6241	SCHED	09/28/2020 12:41:43	10	97	508	140	065:19:00.00 N	096:32:14.39 W
Fall	LYG	6241	SCHED	09/28/2020 12:43:49	11	91	390	141	065:16:17.99 N	096:26:42.60 W
Fall	LYG	6241	SCHED	09/28/2020 12:45:55	12	0	187	153	065:16:16.20 N	096:24:49.79 W
Fall	LYG	6241	SCHED	09/28/2020 12:48:01	13	1	216	211	065:16:16.79 N	096:24:48.59 W
Fall	LYG	6241	SCHED	09/28/2020 12:50:12	14	1	155	239	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6241	SCHED	09/28/2020 12:52:19	15	58	273	253	065:15:06.60 N	096:24:42.60 W
Fall	LYG	6241	SCHED	09/28/2020 12:54:30	16	0	162	253	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6241	SCHED	09/28/2020 12:56:42	17	30	292	38	065:16:13.80 N	096:24:58.20 W
Fall	LYG	6241	SCHED	09/28/2020 12:58:51	18	1	190	292	065:16:16.20 N	096:24:47.39 W
Fall	LYG	6241	ARRIVAL	09/28/2020 13:00:33	3	0	182	184	065:16:16.79 N	096:24:46.79 W
Fall	LYG	6241	XML_FLIGHT_SUMMARY	09/28/2020 13:00:34	0	0	0	0		
Fall	LYG	6242	DEPARTURE	09/28/2020 13:04:28	4	51	227	186	065:16:00.00 N	096:24:47.39 W
Fall	LYG	6242	SCHED	09/28/2020 13:06:34	19	1	238	177	065:15:47.39 N	096:25:01.79 W
Fall	LYG	6242	SCHED	09/28/2020 13:09:50	20	1	194	221	065:15:47.39 N	096:25:05.40 W
Fall	LYG	6242	SCHED	09/28/2020 13:12:00	21	0	201	164	065:15:47.39 N	096:25:05.40 W
Fall	LYG	6242	SCHED	09/28/2020 13:14:11	22	53	413	280	065:15:11.40 N	096:25:43.79 W
Fall	LYG	6242	SCHED	09/28/2020 13:16:24	23	82	577	338	065:17:39.00 N	096:28:46.20 W
Fall	LYG	6242	SCHED	09/28/2020 13:18:32	24	83	544	325	065:20:15.00 N	096:32:49.19 W
Fall	LYG	6242	SCHED	09/28/2020 13:20:40	25	88	550	349	065:22:57.60 N	096:35:44.40 W
Fall	LYG	6242	SCHED	09/28/2020 13:22:52	26	61	298	269	065:24:39.59 N	096:39:51.59 W
Fall	LYG	6242	SCHED	09/28/2020 13:25:01	27	1	194	296	065:24:17.39 N	096:40:40.80 W
Fall	LYG	6242	ARRIVAL	09/28/2020 13:26:53	4	0	161	261	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6242	XML_FLIGHT_SUMMARY	09/28/2020 13:26:54	0	0	0	0		
Fall	LYG	6243	POWER_ON	09/28/2020 15:06:36	NA	NA	NA	NA		
Fall	LYG	6243	SCHED	09/28/2020 15:07:23	1	0	156	296	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6243	DEPARTURE	09/28/2020 15:08:22	1	67	228	84	065:24:19.80 N	096:39:54.00 W
Fall	LYG	6243	SCHED	09/28/2020 15:10:27	2	109	261	278	065:23:08.39 N	096:43:21.60 W
Fall	LYG	6243	SCHED	09/28/2020 15:12:34	3	72	237	145	065:22:42.60 N	096:44:23.99 W
Fall	LYG	6243	SCHED	09/28/2020 15:14:44	4	58	199	118	065:21:11.40 N	096:43:01.80 W
Fall	LYG	6243	SCHED	09/28/2020 15:16:55	5	79	208	303	065:20:59.40 N	096:42:28.20 W
Fall	LYG	6243	SCHED	09/28/2020 15:19:04	6	80	289	255	065:23:07.79 N	096:47:27.00 W
Fall	LYG	6243	SCHED	09/28/2020 15:21:12	7	3	181	211	065:22:19.20 N	096:45:19.79 W
Fall	LYG	6243	ARRIVAL	09/28/2020 15:22:01	1	0	167	163	065:22:19.20 N	096:45:19.20 W
Fall	LYG	6243	XML_FLIGHT_SUMMARY	09/28/2020 15:22:02	0	0	0	0		
Fall	LYG	6244	DEPARTURE	09/28/2020 15:23:48	2	81	198	88	065:22:18.00 N	096:44:26.40 W
Fall	LYG	6244	SCHED	09/28/2020 15:26:03	8	116	356	326	065:24:30.60 N	096:38:17.39 W
Fall	LYG	6244	ARRIVAL	09/28/2020 15:27:58	2	0	166	298	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6244	XML_FLIGHT_SUMMARY	09/28/2020 15:27:59	0	0	0	0		
Fall	LYG	6245	DEPARTURE	09/28/2020 15:31:10	3	65	244	74	065:24:20.39 N	096:39:56.39 W
Fall	LYG	6245	SCHED	09/28/2020 15:33:18	9	62	289	241	065:23:10.20 N	096:40:40.80 W
Fall	LYG	6245	SCHED	09/28/2020 15:35:29	10	16	226	221	065:22:19.80 N	096:45:12.60 W
Fall	LYG	6245	SCHED	09/28/2020 15:37:36	11	106	312	71	065:22:33.00 N	096:41:28.79 W
Fall	LYG	6245	SCHED	09/28/2020 15:39:48	12	2	190	103	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6245	ARRIVAL	09/28/2020 15:40:58	3	0	165	254	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6245	XML_FLIGHT_SUMMARY	09/28/2020 15:40:59	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6246	POWER_ON	09/28/2020 15:53:15	NA	NA	NA	NA		
Fall	LYG	6246	SCHED	09/28/2020 15:54:04	1	0	141	0	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6246	DEPARTURE	09/28/2020 15:54:37	1	81	192	85	065:24:18.00 N	096:39:47.99 W
Fall	LYG	6246	SCHED	09/28/2020 15:56:45	2	98	461	151	065:21:53.99 N	096:35:33.00 W
Fall	LYG	6246	SCHED	09/28/2020 15:58:50	3	105	471	143	065:18:48.00 N	096:31:07.80 W
Fall	LYG	6246	SCHED	09/28/2020 16:01:00	4	104	255	136	065:15:53.39 N	096:25:22.80 W
Fall	LYG	6246	ARRIVAL	09/28/2020 16:02:50	1	0	114	329	065:15:14.40 N	096:24:37.19 W
Fall	LYG	6246	XML_FLIGHT_SUMMARY	09/28/2020 16:02:51	0	0	0	0		
Fall	LYG	6247	DEPARTURE	09/28/2020 16:04:00	2	74	187	301	065:15:08.40 N	096:25:07.19 W
Fall	LYG	6247	SCHED	09/28/2020 16:06:07	5	120	452	325	065:18:36.00 N	096:29:56.39 W
Fall	LYG	6247	SCHED	09/28/2020 16:08:12	6	127	488	337	065:22:21.59 N	096:35:13.20 W
Fall	LYG	6247	SCHED	09/28/2020 16:10:28	7	18	188	237	065:24:18.60 N	096:40:38.40 W
Fall	LYG	6247	ARRIVAL	09/28/2020 16:11:20	2	0	161	282	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6247	XML_FLIGHT_SUMMARY	09/28/2020 16:11:21	0	0	0	0		
Fall	LYG	6248	DEPARTURE	09/28/2020 16:12:52	3	79	221	84	065:24:19.19 N	096:39:47.99 W
Fall	LYG	6248	SCHED	09/28/2020 16:15:00	8	108	257	254	065:22:35.99 N	096:43:49.19 W
Fall	LYG	6248	ARRIVAL	09/28/2020 16:16:40	3	0	168	183	065:22:18.00 N	096:45:15.00 W
Fall	LYG	6248	XML_FLIGHT_SUMMARY	09/28/2020 16:16:41	0	0	0	0		
Fall	LYG	6249	DEPARTURE	09/28/2020 16:18:48	4	82	223	342	065:22:23.39 N	096:45:49.79 W
Fall	LYG	6249	ARRIVAL	09/28/2020 16:20:25	4	0	167	190	065:22:42.60 N	096:45:46.80 W
Fall	LYG	6249	DEPARTURE	09/28/2020 16:21:00	5	78	223	65	065:22:34.79 N	096:45:08.40 W
Fall	LYG	6249	SCHED	09/28/2020 16:23:09	9	1	154	270	065:23:15.00 N	096:45:19.20 W
Fall	LYG	6249	ARRIVAL	09/28/2020 16:24:03	5	0	150	103	065:23:15.00 N	096:45:19.20 W
Fall	LYG	6249	DEPARTURE	09/28/2020 16:25:19	6	74	194	181	065:22:55.20 N	096:45:19.79 W
Fall	LYG	6249	ARRIVAL	09/28/2020 16:27:10	6	0	169	211	065:22:18.00 N	096:45:15.00 W
Fall	LYG	6249	DEPARTURE	09/28/2020 16:29:39	7	63	208	163	065:22:01.20 N	096:45:17.99 W
Fall	LYG	6249	SCHED	09/28/2020 16:33:29	10	81	179	118	065:21:13.79 N	096:43:10.80 W
Fall	LYG	6249	DEPARTURE	09/28/2020 16:33:38	8	80	177	121	065:21:16.79 N	096:43:25.20 W
Fall	LYG	6249	ARRIVAL	09/28/2020 16:33:45	7	0	160	112	065:21:28.80 N	096:44:07.19 W
Fall	LYG	6249	SCHED	09/28/2020 16:35:51	11	0	153	198	065:20:44.40 N	096:42:21.60 W
Fall	LYG	6249	ARRIVAL	09/28/2020 16:35:59	8	0	153	198	065:20:44.40 N	096:42:21.60 W
Fall	LYG	6249	DEPARTURE	09/28/2020 16:38:52	9	79	232	51	065:20:40.80 N	096:41:49.19 W
Fall	LYG	6249	SCHED	09/28/2020 16:41:01	12	103	301	288	065:24:40.79 N	096:39:35.40 W
Fall	LYG	6249	ARRIVAL	09/28/2020 16:43:17	9	0	165	292	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6249	XML_FLIGHT_SUMMARY	09/28/2020 16:43:18	0	0	0	0		
Fall	LYG	6250	POWER_ON	09/28/2020 17:40:41	NA	NA	NA	NA		
Fall	LYG	6250	SCHED	09/28/2020 17:41:37	1	76	199	88	065:24:18.00 N	096:40:08.39 W
Fall	LYG	6250	DEPARTURE	09/28/2020 17:41:44	1	83	205	87	065:24:18.00 N	096:39:45.00 W
Fall	LYG	6250	SCHED	09/28/2020 17:43:55	2	97	266	198	065:21:35.39 N	096:42:07.19 W
Fall	LYG	6250	SCHED	09/28/2020 17:46:01	3	0	148	137	065:20:47.40 N	096:42:24.59 W
Fall	LYG	6250	SCHED	09/28/2020 17:48:07	4	114	215	329	065:21:53.99 N	096:44:56.39 W
Fall	LYG	6250	SCHED	09/28/2020 17:50:24	5	0	170	106	065:22:18.00 N	096:45:15.00 W
Fall	LYG	6250	ARRIVAL	09/28/2020 17:50:49	1	0	170	106	065:22:18.00 N	096:45:15.00 W
Fall	LYG	6250	XML_FLIGHT_SUMMARY	09/28/2020 17:50:50	0	0	0	0		
Fall	LYG	6251	DEPARTURE	09/28/2020 17:52:36	2	98	207	349	065:22:29.39 N	096:45:49.79 W
Fall	LYG	6251	ARRIVAL	09/28/2020 17:54:07	2	0	163	163	065:23:02.39 N	096:45:18.60 W
Fall	LYG	6251	DEPARTURE	09/28/2020 17:54:59	3	72	199	185	065:22:42.60 N	096:45:26.40 W
Fall	LYG	6251	ARRIVAL	09/28/2020 17:56:29	3	0	168	202	065:22:18.59 N	096:45:15.00 W
Fall	LYG	6251	DEPARTURE	09/28/2020 17:57:38	4	90	222	79	065:22:18.00 N	096:44:18.60 W
Fall	LYG	6251	SCHED	09/28/2020 17:59:44	6	109	265	289	065:24:40.20 N	096:39:33.00 W
Fall	LYG	6251	ARRIVAL	09/28/2020 18:01:19	4	0	165	292	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6251	XML_FLIGHT_SUMMARY	09/28/2020 18:01:20	0	0	0	0		
Fall	LYG	6252	POWER_ON	09/28/2020 18:36:37	NA	NA	NA	NA		
Fall	LYG	6252	SCHED	09/28/2020 18:38:15	1	33	213	119	065:24:16.80 N	096:40:35.99 W
Fall	LYG	6252	DEPARTURE	09/28/2020 18:38:22	1	73	253	85	065:24:18.60 N	096:39:51.59 W
Fall	LYG	6252	SCHED	09/28/2020 18:41:12	2	90	424	142	065:21:04.20 N	096:36:01.20 W
Fall	LYG	6252	SCHED	09/28/2020 18:43:25	3	93	451	138	065:18:25.79 N	096:30:38.40 W
Fall	LYG	6252	SCHED	09/28/2020 18:45:32	4	85	265	145	065:15:58.80 N	096:25:14.39 W
Fall	LYG	6252	SCHED	09/28/2020 18:47:42	5	5	169	185	065:15:15.00 N	096:24:35.40 W
Fall	LYG	6252	ARRIVAL	09/28/2020 18:49:17	1	0	119	12	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6252	XML_FLIGHT_SUMMARY	09/28/2020 18:49:18	0	0	0	0		
Fall	LYG	6253	POWER_ON	09/28/2020 19:18:09	NA	NA	NA	NA		
Fall	LYG	6253	SCHED	09/28/2020 19:19:05	1	0	124	0	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6253	DEPARTURE	09/28/2020 19:22:37	1	49	218	333	065:15:13.19 N	096:25:11.39 W
Fall	LYG	6253	SCHED	09/28/2020 19:24:50	2	3	163	112	065:15:40.20 N	096:23:47.99 W
Fall	LYG	6253	SCHED	09/28/2020 19:26:57	3	0	126	72	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6253	ARRIVAL	09/28/2020 19:27:27	1	0	128	72	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6253	DEPARTURE	09/28/2020 19:28:18	2	92	196	350	065:15:17.40 N	096:25:07.80 W
Fall	LYG	6253	ARRIVAL	09/28/2020 19:29:48	2	0	132	222	065:15:40.20 N	096:23:47.39 W
Fall	LYG	6253	DEPARTURE	09/28/2020 19:31:22	3	68	189	220	065:15:26.40 N	096:24:23.99 W
Fall	LYG	6253	SCHED	09/28/2020 19:33:29	4	0	167	200	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 19:35:38	5	52	194	250	065:15:10.79 N	096:24:47.39 W
Fall	LYG	6253	SCHED	09/28/2020 19:37:48	6	29	231	217	065:15:17.99 N	096:24:30.60 W
Fall	LYG	6253	SCHED	09/28/2020 19:40:00	7	74	267	357	065:15:16.19 N	096:25:30.00 W
Fall	LYG	6253	SCHED	09/28/2020 19:42:08	8	1	171	243	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 19:44:18	9	85	232	36	065:15:29.40 N	096:24:52.80 W
Fall	LYG	6253	SCHED	09/28/2020 19:46:27	10	1	169	165	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 19:48:32	11	41	180	220	065:15:17.40 N	096:24:32.39 W
Fall	LYG	6253	SCHED	09/28/2020 19:51:22	12	1	170	276	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 19:53:30	13	0	168	60	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 19:55:36	14	85	229	47	065:15:36.59 N	096:24:33.00 W
Fall	LYG	6253	SCHED	09/28/2020 19:57:49	15	1	160	210	065:15:15.60 N	096:24:36.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:00:10	16	0	169	45	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:02:19	17	93	229	36	065:15:28.79 N	096:24:52.80 W
Fall	LYG	6253	SCHED	09/28/2020 20:04:45	18	0	164	303	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6253	SCHED	09/28/2020 20:06:53	19	2	171	193	065:15:39.00 N	096:23:49.20 W
Fall	LYG	6253	SCHED	09/28/2020 20:09:13	20	77	247	51	065:15:37.79 N	096:24:32.39 W
Fall	LYG	6253	SCHED	09/28/2020 20:11:24	21	22	179	205	065:15:16.79 N	096:24:33.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:13:31	22	2	168	271	065:15:39.00 N	096:23:47.99 W
Fall	LYG	6253	SCHED	09/28/2020 20:15:36	23	10	182	197	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6253	SCHED	09/28/2020 20:17:45	24	41	181	208	065:15:36.00 N	096:23:49.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6253	SCHED	09/28/2020 20:19:51	25	71	238	68	065:15:43.20 N	096:24:07.80 W
Fall	LYG	6253	SCHED	09/28/2020 20:23:29	26	71	237	30	065:15:24.59 N	096:25:06.00 W
Fall	LYG	6253	SCHED	09/28/2020 20:25:36	27	0	163	313	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6253	SCHED	09/28/2020 20:27:41	28	1	173	217	065:15:39.00 N	096:23:47.99 W
Fall	LYG	6253	SCHED	09/28/2020 20:29:50	29	70	236	316	065:15:12.60 N	096:25:05.40 W
Fall	LYG	6253	SCHED	09/28/2020 20:31:57	30	34	189	215	065:15:17.99 N	096:24:30.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:34:08	31	6	177	222	065:15:39.59 N	096:23:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:36:19	32	37	186	199	065:15:10.79 N	096:24:40.20 W
Fall	LYG	6253	SCHED	09/28/2020 20:38:24	33	1	169	212	065:15:39.00 N	096:23:49.20 W
Fall	LYG	6253	SCHED	09/28/2020 20:40:30	34	69	235	26	065:15:23.40 N	096:24:52.80 W
Fall	LYG	6253	SCHED	09/28/2020 20:42:36	35	4	163	226	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6253	SCHED	09/28/2020 20:44:46	36	7	178	221	065:15:39.59 N	096:23:47.39 W
Fall	LYG	6253	SCHED	09/28/2020 20:48:33	37	97	372	332	065:16:07.19 N	096:26:51.59 W
Fall	LYG	6253	SCHED	09/28/2020 20:50:40	38	110	513	324	065:19:21.00 N	096:31:42.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:52:52	39	106	399	353	065:22:46.79 N	096:35:48.60 W
Fall	LYG	6253	SCHED	09/28/2020 20:54:58	40	16	206	237	065:24:18.60 N	096:40:38.40 W
Fall	LYG	6253	ARRIVAL	09/28/2020 20:56:54	3	0	158	162	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6253	XML_FLIGHT_SUMMARY	09/28/2020 20:56:55	0	0	0	0		
Fall	LYG	6254	DEPARTURE	09/28/2020 21:01:31	4	63	252	83	065:24:18.00 N	096:39:57.00 W
Fall	LYG	6254	SCHED	09/28/2020 21:03:41	41	64	410	169	065:22:34.79 N	096:37:12.60 W
Fall	LYG	6254	SCHED	09/28/2020 21:05:55	42	68	472	154	065:20:27.00 N	096:34:37.19 W
Fall	LYG	6254	SCHED	09/28/2020 21:08:00	43	72	471	145	065:18:22.20 N	096:31:09.59 W
Fall	LYG	6254	SCHED	09/28/2020 21:10:06	44	73	480	120	065:16:43.80 N	096:26:49.19 W
Fall	LYG	6254	SCHED	09/28/2020 21:12:12	45	1	170	121	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6254	SCHED	09/28/2020 21:14:24	46	75	244	55	065:15:39.59 N	096:24:22.80 W
Fall	LYG	6254	SCHED	09/28/2020 21:16:29	47	1	156	190	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:18:35	48	2	166	198	065:15:39.00 N	096:23:47.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:20:41	49	84	268	52	065:15:37.19 N	096:24:33.00 W
Fall	LYG	6254	SCHED	09/28/2020 21:22:50	50	6	167	230	065:15:15.60 N	096:24:35.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:24:59	51	49	287	57	065:15:46.80 N	096:24:22.80 W
Fall	LYG	6254	SCHED	09/28/2020 21:27:05	52	1	167	198	065:15:39.00 N	096:23:47.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:29:15	53	66	273	339	065:15:15.60 N	096:25:23.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:31:27	54	2	161	252	065:15:14.40 N	096:24:38.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:33:39	55	2	142	138	065:15:10.19 N	096:24:34.19 W
Fall	LYG	6254	SCHED	09/28/2020 21:35:45	56	36	210	170	065:15:40.80 N	096:23:53.99 W
Fall	LYG	6254	SCHED	09/28/2020 21:37:54	57	53	171	228	065:15:05.39 N	096:24:42.60 W
Fall	LYG	6254	SCHED	09/28/2020 21:40:05	58	49	186	198	065:15:17.40 N	096:24:31.79 W
Fall	LYG	6254	SCHED	09/28/2020 21:42:12	59	65	250	42	065:15:25.20 N	096:24:51.59 W
Fall	LYG	6254	SCHED	09/28/2020 21:45:51	60	0	153	61	065:15:10.19 N	096:24:34.79 W
Fall	LYG	6254	SCHED	09/28/2020 21:47:59	61	46	242	227	065:15:31.20 N	096:24:06.00 W
Fall	LYG	6254	SCHED	09/28/2020 21:50:14	62	1	155	170	065:15:10.19 N	096:24:34.79 W
Fall	LYG	6254	SCHED	09/28/2020 21:52:27	63	7	175	204	065:15:37.19 N	096:23:58.79 W
Fall	LYG	6254	SCHED	09/28/2020 21:54:33	64	60	152	226	065:15:37.79 N	096:23:58.20 W
Fall	LYG	6254	ARRIVAL	09/28/2020 21:56:12	4	0	127	18	065:15:15.00 N	096:24:36.60 W
Fall	LYG	6254	XML_FLIGHT_SUMMARY	09/28/2020 21:56:13	0	0	0	0		
Fall	LYG	6255	DEPARTURE	09/28/2020 21:57:30	5	91	199	333	065:15:15.00 N	096:25:13.20 W
Fall	LYG	6255	ARRIVAL	09/28/2020 21:59:10	5	0	136	156	065:15:40.80 N	096:23:47.99 W
Fall	LYG	6255	SCHED	09/28/2020 22:04:17	65	0	134	136	065:15:40.20 N	096:23:47.99 W
Fall	LYG	6255	SCHED	09/28/2020 22:09:27	66	58	176	213	065:15:31.20 N	096:23:41.99 W
Fall	LYG	6255	DEPARTURE	09/28/2020 22:09:34	6	81	212	269	065:15:29.40 N	096:24:01.79 W
Fall	LYG	6255	SCHED	09/28/2020 22:11:44	67	133	451	323	065:19:08.99 N	096:30:24.59 W
Fall	LYG	6255	SCHED	09/28/2020 22:13:50	68	146	445	339	065:23:34.79 N	096:36:02.39 W
Fall	LYG	6255	SCHED	09/28/2020 22:15:57	69	0	161	331	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6255	ARRIVAL	09/28/2020 22:16:13	6	0	163	331	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6255	XML_FLIGHT_SUMMARY	09/28/2020 22:16:14	0	0	0	0		
Fall	LYG	6256	POWER_ON	09/28/2020 23:34:45	NA	NA	NA	NA		
Fall	LYG	6256	SCHED	09/28/2020 23:35:35	1	0	151	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6256	DEPARTURE	09/28/2020 23:36:01	1	63	208	92	065:24:17.39 N	096:39:55.20 W
Fall	LYG	6256	SCHED	09/28/2020 23:38:18	2	75	367	147	065:22:21.00 N	096:36:12.60 W
Fall	LYG	6256	SCHED	09/28/2020 23:40:25	3	84	380	150	065:19:56.99 N	096:32:10.20 W
Fall	LYG	6256	SCHED	09/28/2020 23:42:37	4	78	458	144	065:17:37.80 N	096:28:26.40 W
Fall	LYG	6256	SCHED	09/28/2020 23:44:42	5	7	135	195	065:15:40.80 N	096:23:47.99 W
Fall	LYG	6256	ARRIVAL	09/28/2020 23:45:38	1	0	130	211	065:15:40.20 N	096:23:48.60 W
Fall	LYG	6256	XML_FLIGHT_SUMMARY	09/28/2020 23:45:39	0	0	0	0		
Fall	LYG	6257	DEPARTURE	09/28/2020 23:46:30	2	81	182	265	065:15:28.79 N	096:24:27.60 W
Fall	LYG	6257	SCHED	09/28/2020 23:48:43	6	125	526	325	065:18:25.79 N	096:29:46.80 W
Fall	LYG	6257	SCHED	09/28/2020 23:50:59	7	132	396	341	065:22:41.40 N	096:35:29.39 W
Fall	LYG	6257	SCHED	09/28/2020 23:53:07	8	1	157	247	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6257	ARRIVAL	09/28/2020 23:53:59	2	0	156	315	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6257	XML_FLIGHT_SUMMARY	09/28/2020 23:54:00	0	0	0	0		
Fall	LYG	6258	POWER_ON	09/29/2020 12:18:58	NA	NA	NA	NA		
Fall	LYG	6258	SCHED	09/29/2020 12:19:48	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6258	DEPARTURE	09/29/2020 12:23:21	1	86	154	148	065:21:09.59 N	096:35:01.20 W
Fall	LYG	6258	SCHED	09/29/2020 12:25:34	2	84	398	136	065:18:55.79 N	096:30:48.59 W
Fall	LYG	6258	SCHED	09/29/2020 12:27:43	3	92	277	143	065:16:28.20 N	096:25:38.40 W
Fall	LYG	6258	SCHED	09/29/2020 12:29:49	4	0	133	129	065:15:39.59 N	096:23:50.40 W
Fall	LYG	6258	ARRIVAL	09/29/2020 12:30:01	1	0	134	129	065:15:39.59 N	096:23:50.40 W
Fall	LYG	6258	XML_FLIGHT_SUMMARY	09/29/2020 12:30:02	0	0	0	0		
Fall	LYG	6259	DEPARTURE	09/29/2020 12:32:17	2	88	196	333	065:16:00.00 N	096:23:50.99 W
Fall	LYG	6259	SCHED	09/29/2020 12:36:04	5	126	404	332	065:21:32.39 N	096:33:53.40 W
Fall	LYG	6259	SCHED	09/29/2020 12:38:10	6	28	168	204	065:24:20.99 N	096:40:35.99 W
Fall	LYG	6259	ARRIVAL	09/29/2020 12:39:22	2	0	167	285	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6259	XML_FLIGHT_SUMMARY	09/29/2020 12:39:23	0	0	0	0		
Fall	LYG	6259	SCHED	09/29/2020 12:44:31	7	1	189	122	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6260	DEPARTURE	09/29/2020 12:46:09	3	53	250	78	065:24:19.19 N	096:40:00.60 W
Fall	LYG	6260	SCHED	09/29/2020 12:48:18	8	67	335	149	065:23:25.80 N	096:35:52.19 W
Fall	LYG	6260	SCHED	09/29/2020 12:50:26	9	71	326	144	065:21:18.59 N	096:32:57.60 W
Fall	LYG	6260	SCHED	09/29/2020 12:52:42	10	69	317	140	065:19:16.20 N	096:29:37.79 W
Fall	LYG	6260	SCHED	09/29/2020 12:54:53	11	74	315	158	065:17:02.40 N	096:26:02.39 W
Fall	LYG	6260	SCHED	09/29/2020 12:57:14	12	1	165	126	065:15:39.59 N	096:23:47.99 W
Fall	LYG	6260	SCHED	09/29/2020 13:00:54	13	109	320	317	065:18:30.59 N	096:28:50.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6260	SCHED	09/29/2020 13:03:07	14	109	339	333	065:21:34.79 N	096:34:34.79 W
Fall	LYG	6260	SCHED	09/29/2020 13:05:16	15	111	322	294	065:24:40.20 N	096:38:55.79 W
Fall	LYG	6260	SCHED	09/29/2020 13:07:21	16	3	192	355	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6260	ARRIVAL	09/29/2020 13:08:43	3	0	166	280	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6260	XML_FLIGHT_SUMMARY	09/29/2020 13:08:44	0	0	0	0		
Fall	LYG	6261	DEPARTURE	09/29/2020 13:12:16	4	62	204	90	065:24:18.60 N	096:39:57.00 W
Fall	LYG	6261	SCHED	09/29/2020 13:14:29	17	110	277	249	065:22:33.60 N	096:44:40.20 W
Fall	LYG	6261	ARRIVAL	09/29/2020 13:16:06	4	0	165	164	065:22:19.20 N	096:45:17.99 W
Fall	LYG	6261	XML_FLIGHT_SUMMARY	09/29/2020 13:16:07	0	0	0	0		
Fall	LYG	6262	DEPARTURE	09/29/2020 13:19:40	5	96	213	320	065:22:37.80 N	096:45:22.20 W
Fall	LYG	6262	ARRIVAL	09/29/2020 13:21:33	5	0	148	85	065:23:15.00 N	096:45:18.60 W
Fall	LYG	6262	DEPARTURE	09/29/2020 13:22:18	6	70	189	157	065:23:02.39 N	096:44:50.40 W
Fall	LYG	6262	SCHED	09/29/2020 13:24:27	18	46	185	289	065:20:43.19 N	096:42:33.60 W
Fall	LYG	6262	ARRIVAL	09/29/2020 13:25:39	6	0	151	41	065:20:46.80 N	096:42:23.99 W
Fall	LYG	6262	DEPARTURE	09/29/2020 13:29:47	7	78	196	295	065:21:00.60 N	096:42:55.80 W
Fall	LYG	6262	SCHED	09/29/2020 13:31:54	19	0	161	35	065:21:50.40 N	096:44:04.79 W
Fall	LYG	6262	ARRIVAL	09/29/2020 13:32:05	7	0	159	35	065:21:50.40 N	096:44:04.79 W
Fall	LYG	6262	DEPARTURE	09/29/2020 13:33:58	8	67	240	33	065:22:07.79 N	096:43:46.20 W
Fall	LYG	6262	SCHED	09/29/2020 13:36:04	20	104	213	10	065:23:50.40 N	096:38:23.99 W
Fall	LYG	6262	SCHED	09/29/2020 13:38:14	21	0	160	277	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6262	ARRIVAL	09/29/2020 13:38:24	8	0	162	277	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6262	XML_FLIGHT_SUMMARY	09/29/2020 13:38:25	0	0	0	0		
Fall	LYG	6263	DEPARTURE	09/29/2020 13:42:40	9	74	187	85	065:24:18.00 N	096:39:54.00 W
Fall	LYG	6263	SCHED	09/29/2020 13:44:46	22	96	259	157	065:22:00.59 N	096:35:25.80 W
Fall	LYG	6263	SCHED	09/29/2020 13:46:52	23	91	293	142	065:19:01.79 N	096:31:54.59 W
Fall	LYG	6263	SCHED	09/29/2020 13:49:04	24	95	281	136	065:16:46.19 N	096:26:35.40 W
Fall	LYG	6263	SCHED	09/29/2020 13:51:10	25	4	137	118	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6263	ARRIVAL	09/29/2020 13:52:15	9	0	128	351	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6263	XML_FLIGHT_SUMMARY	09/29/2020 13:52:16	0	0	0	0		
Fall	LYG	6264	DEPARTURE	09/29/2020 13:52:57	10	94	174	248	065:15:33.59 N	096:24:28.80 W
Fall	LYG	6264	ARRIVAL	09/29/2020 13:54:51	10	0	121	354	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6264	SCHED	09/29/2020 13:59:57	26	1	140	325	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6264	DEPARTURE	09/29/2020 14:02:53	11	36	187	52	065:15:24.59 N	096:24:08.39 W
Fall	LYG	6264	SCHED	09/29/2020 14:05:05	27	1	147	321	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6264	SCHED	09/29/2020 14:07:17	28	1	155	67	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6264	SCHED	09/29/2020 14:09:23	29	7	157	115	065:15:25.79 N	096:23:58.79 W
Fall	LYG	6264	SCHED	09/29/2020 14:11:32	30	26	160	37	065:15:14.40 N	096:24:41.99 W
Fall	LYG	6264	SCHED	09/29/2020 14:13:38	31	21	171	64	065:15:25.79 N	096:24:01.79 W
Fall	LYG	6264	SCHED	09/29/2020 14:15:51	32	7	156	93	065:15:15.60 N	096:24:37.19 W
Fall	LYG	6264	SCHED	09/29/2020 14:18:01	33	1	138	95	065:15:26.99 N	096:23:58.79 W
Fall	LYG	6264	SCHED	09/29/2020 14:20:10	34	0	124	331	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6264	ARRIVAL	09/29/2020 14:20:19	11	0	124	331	065:15:15.00 N	096:24:37.19 W
Fall	LYG	6264	DEPARTURE	09/29/2020 14:22:34	12	42	147	23	065:15:23.99 N	096:24:04.79 W
Fall	LYG	6264	ARRIVAL	09/29/2020 14:22:38	12	0	131	45	065:15:26.99 N	096:23:59.39 W
Fall	LYG	6264	POWER_ON	09/29/2020 14:46:19	NA	NA	NA	NA		
Fall	LYG	6264	SCHED	09/29/2020 14:48:50	1	130	402	320	065:17:55.19 N	096:27:10.20 W
Fall	LYG	6264	DEPARTURE	09/29/2020 14:48:58	1	82	172	6	065:15:42.59 N	096:23:31.79 W
Fall	LYG	6264	SCHED	09/29/2020 14:51:17	2	132	361	331	065:21:58.79 N	096:34:53.99 W
Fall	LYG	6264	SCHED	09/29/2020 14:53:23	3	3	169	278	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6264	SCHED	09/29/2020 14:55:29	4	0	158	286	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6264	XML_FLIGHT_SUMMARY	09/29/2020 15:40:47	0	0	0	0		
Fall	LYG	6265	POWER_ON	09/29/2020 15:40:46	NA	NA	NA	NA		
Fall	LYG	6265	SCHED	09/29/2020 15:41:30	1	0	164	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6265	SCHED	09/29/2020 15:44:32	2	83	399	150	065:22:37.80 N	096:36:00.00 W
Fall	LYG	6265	DEPARTURE	09/29/2020 15:45:28	1	65	202	83	065:24:20.39 N	096:39:55.79 W
Fall	LYG	6265	SCHED	09/29/2020 15:47:35	3	86	484	145	065:18:39.00 N	096:30:24.59 W
Fall	LYG	6265	SCHED	09/29/2020 15:49:43	4	96	434	153	065:15:50.39 N	096:26:35.40 W
Fall	LYG	6265	SCHED	09/29/2020 15:51:49	5	87	364	150	065:12:58.80 N	096:22:46.19 W
Fall	LYG	6265	SCHED	09/29/2020 15:54:02	6	94	436	167	065:10:30.00 N	096:18:51.60 W
Fall	LYG	6265	SCHED	09/29/2020 15:56:14	7	86	463	144	065:07:30.00 N	096:15:30.60 W
Fall	LYG	6265	SCHED	09/29/2020 15:58:28	8	86	399	143	065:04:51.60 N	096:11:01.20 W
Fall	LYG	6265	SCHED	09/29/2020 16:00:34	9	94	330	136	065:02:22.20 N	096:05:57.60 W
Fall	LYG	6265	ARRIVAL	09/29/2020 16:02:40	1	0	139	43	065:01:27.00 N	096:04:18.59 W
Fall	LYG	6265	XML_FLIGHT_SUMMARY	09/29/2020 16:02:41	0	0	0	0		
Fall	LYG	6266	POWER_ON	09/29/2020 16:24:06	NA	NA	NA	NA		
Fall	LYG	6266	SCHED	09/29/2020 16:25:01	1	0	136	181	065:01:27.00 N	096:04:18.59 W
Fall	LYG	6266	DEPARTURE	09/29/2020 16:25:36	1	55	205	118	065:01:21.60 N	096:03:40.80 W
Fall	LYG	6266	SCHED	09/29/2020 16:27:44	2	91	405	186	064:58:53.39 N	096:01:43.20 W
Fall	LYG	6266	SCHED	09/29/2020 16:29:52	3	87	407	182	064:55:31.19 N	096:02:26.39 W
Fall	LYG	6266	SCHED	09/29/2020 16:32:09	4	94	386	181	064:52:09.59 N	096:02:39.00 W
Fall	LYG	6266	SCHED	09/29/2020 16:34:15	5	102	409	185	064:48:34.20 N	096:03:04.79 W
Fall	LYG	6266	SCHED	09/29/2020 16:36:20	6	96	400	175	064:45:16.19 N	096:03:21.00 W
Fall	LYG	6266	SCHED	09/29/2020 16:38:26	7	104	369	202	064:41:51.59 N	096:05:32.39 W
Fall	LYG	6266	SCHED	09/29/2020 16:40:34	8	106	382	204	064:38:22.19 N	096:08:55.79 W
Fall	LYG	6266	SCHED	09/29/2020 16:42:45	9	94	387	167	064:34:50.40 N	096:10:10.20 W
Fall	LYG	6266	SCHED	09/29/2020 16:44:54	10	99	396	170	064:31:16.20 N	096:09:17.39 W
Fall	LYG	6266	SCHED	09/29/2020 16:47:03	11	95	367	172	064:27:48.59 N	096:07:45.00 W
Fall	LYG	6266	SCHED	09/29/2020 16:49:08	12	93	332	156	064:24:29.40 N	096:05:46.79 W
Fall	LYG	6266	SCHED	09/29/2020 16:51:21	13	82	306	145	064:21:42.60 N	096:02:15.00 W
Fall	LYG	6266	SCHED	09/29/2020 16:53:30	14	16	84	78	064:19:31.19 N	095:59:49.19 W
Fall	LYG	6266	ARRIVAL	09/29/2020 16:54:34	1	0	78	100	064:19:31.19 N	095:59:43.80 W
Fall	LYG	6266	XML_FLIGHT_SUMMARY	09/29/2020 16:54:35	0	0	0	0		
Fall	LYG	6267	POWER_ON	09/29/2020 18:00:22	NA	NA	NA	NA		
Fall	LYG	6267	DEPARTURE	09/29/2020 18:02:20	1	69	123	345	064:19:47.99 N	096:00:08.40 W
Fall	LYG	6267	SCHED	09/29/2020 18:02:28	1	90	224	356	064:20:33.60 N	096:00:12.60 W
Fall	LYG	6267	SCHED	09/29/2020 18:04:35	2	112	375	344	064:24:13.19 N	096:01:40.80 W
Fall	LYG	6267	SCHED	09/29/2020 18:07:35	3	120	396	338	064:29:00.60 N	096:06:07.80 W
Fall	LYG	6267	SCHED	09/29/2020 18:09:41	4	115	383	353	064:33:41.99 N	096:09:09.00 W
Fall	LYG	6267	SCHED	09/29/2020 18:11:54	5	111	268	6	064:37:42.60 N	096:10:19.19 W
Fall	LYG	6267	SCHED	09/29/2020 18:14:11	6	112	268	356	064:41:48.59 N	096:09:42.60 W
Fall	LYG	6267	SCHED	09/29/2020 18:16:17	7	119	259	359	064:46:04.19 N	096:09:48.59 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6267	SCHED	09/29/2020 18:18:22	8	104	310	12	064:49:50.99 N	096:08:53.40 W
Fall	LYG	6267	SCHED	09/29/2020 18:20:32	9	108	334	17	064:53:32.40 N	096:07:19.19 W
Fall	LYG	6267	SCHED	09/29/2020 18:22:50	10	114	430	358	064:57:27.60 N	096:06:17.39 W
Fall	LYG	6267	SCHED	09/29/2020 18:24:58	11	80	253	35	065:01:36.59 N	096:05:21.59 W
Fall	LYG	6267	ARRIVAL	09/29/2020 18:26:34	1	0	136	130	065:01:27.00 N	096:04:19.19 W
Fall	LYG	6267	XML_FLIGHT_SUMMARY	09/29/2020 18:26:35	0	0	0	0		
Fall	LYG	6268	DEPARTURE	09/29/2020 18:29:18	2	66	164	119	065:01:20.40 N	096:03:37.19 W
Fall	LYG	6268	SCHED	09/29/2020 18:31:25	12	116	479	343	065:03:53.99 N	096:02:50.39 W
Fall	LYG	6268	SCHED	09/29/2020 18:33:35	13	124	441	342	065:07:47.40 N	096:07:55.20 W
Fall	LYG	6268	SCHED	09/29/2020 18:35:41	14	128	382	325	065:11:45.00 N	096:13:00.59 W
Fall	LYG	6268	SCHED	09/29/2020 18:37:48	15	126	446	315	065:14:55.20 N	096:20:25.80 W
Fall	LYG	6268	SCHED	09/29/2020 18:39:56	16	132	460	318	065:18:17.39 N	096:27:26.40 W
Fall	LYG	6268	SCHED	09/29/2020 18:42:02	17	133	364	327	065:22:04.20 N	096:33:52.19 W
Fall	LYG	6268	SCHED	09/29/2020 18:44:18	18	72	196	193	065:24:31.19 N	096:40:31.79 W
Fall	LYG	6268	ARRIVAL	09/29/2020 18:45:34	2	0	158	309	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6268	XML_FLIGHT_SUMMARY	09/29/2020 18:45:35	0	0	0	0		
Fall	LYG	6269	POWER_ON	09/29/2020 19:34:26	NA	NA	NA	NA		
Fall	LYG	6269	SCHED	09/29/2020 19:35:22	1	0	161	193	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6269	POWER_ON	09/29/2020 20:17:21	NA	NA	NA	NA		
Fall	LYG	6269	SCHED	09/29/2020 20:18:12	1	0	161	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6269	SCHED	09/29/2020 20:23:18	2	0	162	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6269	POWER_ON	09/29/2020 20:29:52	NA	NA	NA	NA		
Fall	LYG	6269	SCHED	09/29/2020 20:30:48	1	29	175	99	065:24:18.00 N	096:40:35.40 W
Fall	LYG	6269	DEPARTURE	09/29/2020 20:30:59	1	68	194	87	065:24:18.00 N	096:39:52.80 W
Fall	LYG	6269	SCHED	09/29/2020 20:33:17	2	114	237	254	065:22:32.39 N	096:43:55.20 W
Fall	LYG	6269	ARRIVAL	09/29/2020 20:34:41	1	0	155	100	065:22:31.80 N	096:44:30.00 W
Fall	LYG	6269	XML_FLIGHT_SUMMARY	09/29/2020 20:34:42	0	0	0	0		
Fall	LYG	6270	DEPARTURE	09/29/2020 20:35:52	2	92	209	269	065:22:18.59 N	096:44:42.00 W
Fall	LYG	6270	ARRIVAL	09/29/2020 20:37:14	2	0	168	135	065:22:19.20 N	096:45:17.99 W
Fall	LYG	6270	DEPARTURE	09/29/2020 20:39:22	3	91	244	264	065:22:06.59 N	096:45:28.20 W
Fall	LYG	6270	SCHED	09/29/2020 20:41:29	3	0	163	61	065:22:53.40 N	096:45:18.60 W
Fall	LYG	6270	ARRIVAL	09/29/2020 20:41:38	3	0	162	61	065:22:53.40 N	096:45:18.60 W
Fall	LYG	6270	SCHED	09/29/2020 20:46:48	4	51	199	96	065:22:55.20 N	096:44:55.80 W
Fall	LYG	6270	DEPARTURE	09/29/2020 20:47:01	4	59	222	129	065:22:51.60 N	096:44:39.59 W
Fall	LYG	6270	SCHED	09/29/2020 20:49:06	5	71	276	117	065:21:33.60 N	096:44:58.80 W
Fall	LYG	6270	ARRIVAL	09/29/2020 20:50:44	4	0	158	119	065:21:32.39 N	096:44:12.60 W
Fall	LYG	6270	DEPARTURE	09/29/2020 20:52:24	5	62	184	315	065:21:27.00 N	096:44:35.40 W
Fall	LYG	6270	ARRIVAL	09/29/2020 20:53:57	5	0	153	99	065:21:37.19 N	096:44:22.80 W
Fall	LYG	6270	SCHED	09/29/2020 20:59:03	6	0	151	99	065:21:37.19 N	096:44:22.80 W
Fall	LYG	6270	DEPARTURE	09/29/2020 21:01:08	6	77	187	7	065:21:45.60 N	096:43:48.59 W
Fall	LYG	6270	SCHED	09/29/2020 21:03:14	7	0	171	142	065:22:19.20 N	096:45:17.99 W
Fall	LYG	6270	ARRIVAL	09/29/2020 21:03:48	6	0	170	142	065:22:19.20 N	096:45:17.99 W
Fall	LYG	6270	DEPARTURE	09/29/2020 21:05:39	7	64	201	89	065:22:19.80 N	096:44:31.79 W
Fall	LYG	6270	SCHED	09/29/2020 21:07:45	8	102	319	23	065:23:27.60 N	096:38:35.99 W
Fall	LYG	6270	SCHED	09/29/2020 21:09:59	9	0	161	332	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6270	ARRIVAL	09/29/2020 21:10:08	7	0	160	332	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6270	XML_FLIGHT_SUMMARY	09/29/2020 21:10:09	0	0	0	0		
Fall	LYG	6271	DEPARTURE	09/29/2020 21:14:47	8	60	216	98	065:24:17.39 N	096:39:58.20 W
Fall	LYG	6271	SCHED	09/29/2020 21:16:54	10	77	279	138	065:22:14.39 N	096:36:36.00 W
Fall	LYG	6271	SCHED	09/29/2020 21:19:11	11	79	294	153	065:20:05.40 N	096:32:40.20 W
Fall	LYG	6271	SCHED	09/29/2020 21:21:18	12	80	377	147	065:17:53.39 N	096:28:32.99 W
Fall	LYG	6271	SCHED	09/29/2020 21:23:23	13	67	289	124	065:15:49.19 N	096:24:28.19 W
Fall	LYG	6271	SCHED	09/29/2020 21:25:35	14	1	152	300	065:15:39.59 N	096:23:47.99 W
Fall	LYG	6271	SCHED	09/29/2020 21:27:42	15	95	288	319	065:16:29.39 N	096:24:26.39 W
Fall	LYG	6271	SCHED	09/29/2020 21:29:52	16	104	429	329	065:19:21.59 N	096:29:19.79 W
Fall	LYG	6271	SCHED	09/29/2020 21:32:01	17	102	405	335	065:22:15.00 N	096:35:27.60 W
Fall	LYG	6271	SCHED	09/29/2020 21:34:10	18	82	252	233	065:24:35.40 N	096:40:19.79 W
Fall	LYG	6271	SCHED	09/29/2020 21:36:16	19	0	163	76	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6271	ARRIVAL	09/29/2020 21:36:36	8	0	168	76	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6271	XML_FLIGHT_SUMMARY	09/29/2020 21:36:37	0	0	0	0		
Fall	LYG	6272	POWER_ON	09/29/2020 22:41:47	NA	NA	NA	NA		
Fall	LYG	6272	SCHED	09/29/2020 22:42:46	1	4	180	189	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6272	DEPARTURE	09/29/2020 22:43:35	1	60	212	91	065:24:17.39 N	096:39:58.20 W
Fall	LYG	6272	SCHED	09/29/2020 22:45:45	2	89	315	170	065:21:58.20 N	096:38:05.40 W
Fall	LYG	6272	SCHED	09/29/2020 22:47:53	3	82	408	137	065:19:47.40 N	096:34:09.59 W
Fall	LYG	6272	SCHED	09/29/2020 22:49:59	4	82	372	133	065:17:59.40 N	096:29:02.39 W
Fall	LYG	6272	SCHED	09/29/2020 22:52:07	5	75	263	136	065:15:50.39 N	096:24:40.80 W
Fall	LYG	6272	SCHED	09/29/2020 22:54:13	6	66	209	353	065:15:51.60 N	096:23:49.20 W
Fall	LYG	6272	SCHED	09/29/2020 22:56:24	7	104	418	312	065:18:24.00 N	096:28:45.60 W
Fall	LYG	6272	SCHED	09/29/2020 22:58:33	8	102	440	334	065:21:18.59 N	096:34:20.40 W
Fall	LYG	6272	SCHED	09/29/2020 23:00:39	9	108	335	301	065:24:30.60 N	096:38:05.40 W
Fall	LYG	6272	SCHED	09/29/2020 23:02:44	10	1	172	27	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6272	ARRIVAL	09/29/2020 23:03:54	1	0	158	257	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6272	XML_FLIGHT_SUMMARY	09/29/2020 23:03:55	0	0	0	0		
Fall	LYG	6273	POWER_ON	09/29/2020 23:26:50	NA	NA	NA	NA		
Fall	LYG	6273	SCHED	09/29/2020 23:27:39	1	0	157	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6273	DEPARTURE	09/29/2020 23:28:41	1	70	188	83	065:24:19.19 N	096:39:52.80 W
Fall	LYG	6273	SCHED	09/29/2020 23:30:49	2	99	441	144	065:22:06.59 N	096:35:07.80 W
Fall	LYG	6273	SCHED	09/29/2020 23:32:55	3	105	439	146	065:19:10.79 N	096:30:26.99 W
Fall	LYG	6273	SCHED	09/29/2020 23:35:08	4	100	234	143	065:16:10.19 N	096:25:28.19 W
Fall	LYG	6273	SCHED	09/29/2020 23:37:14	5	0	132	132	065:15:40.20 N	096:23:49.79 W
Fall	LYG	6273	ARRIVAL	09/29/2020 23:37:37	1	0	130	132	065:15:40.20 N	096:23:49.79 W
Fall	LYG	6273	XML_FLIGHT_SUMMARY	09/29/2020 23:37:38	0	0	0	0		
Fall	LYG	6274	POWER_ON	09/29/2020 23:46:28	NA	NA	NA	NA		
Fall	LYG	6274	SCHED	09/29/2020 23:47:21	1	16	137	55	065:15:40.80 N	096:23:47.99 W
Fall	LYG	6274	DEPARTURE	09/29/2020 23:47:34	1	75	188	342	065:15:58.80 N	096:23:40.80 W
Fall	LYG	6274	SCHED	09/29/2020 23:49:42	2	108	483	317	065:18:35.39 N	096:29:20.40 W
Fall	LYG	6274	SCHED	09/29/2020 23:51:52	3	106	496	337	065:21:46.79 N	096:34:48.00 W
Fall	LYG	6274	SCHED	09/29/2020 23:54:04	4	104	210	242	065:24:39.59 N	096:40:09.59 W
Fall	LYG	6274	ARRIVAL	09/29/2020 23:55:25	1	0	160	313	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6274	XML_FLIGHT_SUMMARY	09/29/2020 23:55:26	0	0	0	0		
Fall	LYG	6275	POWER_ON	09/30/2020 12:18:53	NA	NA	NA	NA		
Fall	LYG	6275	SCHED	09/30/2020 12:19:46	1	0	157	72	065:24:18.60 N	096:40:39.59 W
Fall	LYG	6275	DEPARTURE	09/30/2020 12:21:05	1	70	157	67	065:24:34.79 N	096:40:10.80 W
Fall	LYG	6275	SCHED	09/30/2020 12:23:11	2	118	436	144	065:20:40.80 N	096:33:41.99 W
Fall	LYG	6275	SCHED	09/30/2020 12:25:22	3	122	402	143	065:17:21.59 N	096:27:35.99 W
Fall	LYG	6275	SCHED	09/30/2020 12:27:28	4	0	130	60	065:15:39.59 N	096:23:50.99 W
Fall	LYG	6275	ARRIVAL	09/30/2020 12:28:18	1	0	126	60	065:15:39.59 N	096:23:50.99 W
Fall	LYG	6275	XML_FLIGHT_SUMMARY	09/30/2020 12:28:19	0	0	0	0		
Fall	LYG	6276	DEPARTURE	09/30/2020 12:32:11	2	70	187	348	065:15:59.39 N	096:23:49.20 W
Fall	LYG	6276	SCHED	09/30/2020 12:34:20	5	98	455	317	065:18:19.20 N	096:28:39.59 W
Fall	LYG	6276	SCHED	09/30/2020 12:36:25	6	104	503	330	065:21:07.20 N	096:33:38.39 W
Fall	LYG	6276	SCHED	09/30/2020 12:38:36	7	104	412	318	065:24:18.00 N	096:37:10.79 W
Fall	LYG	6276	SCHED	09/30/2020 12:41:39	8	0	157	299	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6276	ARRIVAL	09/30/2020 12:41:43	2	0	162	299	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6276	XML_FLIGHT_SUMMARY	09/30/2020 12:41:44	0	0	0	0		
Fall	LYG	6277	DEPARTURE	09/30/2020 12:45:25	3	68	213	358	065:24:37.19 N	096:40:34.19 W
Fall	LYG	6277	SCHED	09/30/2020 12:47:32	9	118	236	183	065:23:10.20 N	096:46:04.19 W
Fall	LYG	6277	ARRIVAL	09/30/2020 12:49:35	3	0	167	108	065:22:18.59 N	096:45:18.60 W
Fall	LYG	6277	XML_FLIGHT_SUMMARY	09/30/2020 12:49:36	0	0	0	0		
Fall	LYG	6278	DEPARTURE	09/30/2020 12:54:14	4	80	221	143	065:22:02.39 N	096:44:46.20 W
Fall	LYG	6278	ARRIVAL	09/30/2020 12:57:11	4	0	148	354	065:21:08.39 N	096:43:21.60 W
Fall	LYG	6278	DEPARTURE	09/30/2020 12:57:39	5	75	207	60	065:21:21.59 N	096:42:43.79 W
Fall	LYG	6278	SCHED	09/30/2020 12:59:50	10	88	426	19	065:23:46.20 N	096:37:54.59 W
Fall	LYG	6278	SCHED	09/30/2020 13:01:57	11	0	160	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6278	ARRIVAL	09/30/2020 13:02:20	5	0	160	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6278	XML_FLIGHT_SUMMARY	09/30/2020 13:02:21	0	0	0	0		
Fall	LYG	6278	SCHED	09/30/2020 13:07:26	12	0	164	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6279	DEPARTURE	09/30/2020 13:10:32	6	72	207	50	065:24:35.40 N	096:40:17.39 W
Fall	LYG	6279	SCHED	09/30/2020 13:12:38	13	110	493	145	065:21:50.40 N	096:35:19.79 W
Fall	LYG	6279	SCHED	09/30/2020 13:14:47	14	125	556	143	065:18:28.20 N	096:29:56.99 W
Fall	LYG	6279	SCHED	09/30/2020 13:16:57	15	17	144	139	065:15:40.20 N	096:23:50.99 W
Fall	LYG	6279	ARRIVAL	09/30/2020 13:18:00	6	0	133	71	065:15:40.20 N	096:23:49.79 W
Fall	LYG	6279	XML_FLIGHT_SUMMARY	09/30/2020 13:18:01	0	0	0	0		
Fall	LYG	6280	POWER_ON	09/30/2020 13:42:37	NA	NA	NA	NA		
Fall	LYG	6280	SCHED	09/30/2020 13:43:33	1	1	148	321	065:15:40.20 N	096:23:49.20 W
Fall	LYG	6280	SCHED	09/30/2020 13:48:40	2	0	131	60	065:15:40.20 N	096:23:50.99 W
Fall	LYG	6280	DEPARTURE	09/30/2020 13:51:38	1	58	153	236	065:15:28.79 N	096:24:02.39 W
Fall	LYG	6280	ARRIVAL	09/30/2020 13:52:46	1	0	132	101	065:15:26.99 N	096:23:59.39 W
Fall	LYG	6280	DEPARTURE	09/30/2020 13:53:39	2	70	159	82	065:15:37.19 N	096:23:38.99 W
Fall	LYG	6280	SCHED	09/30/2020 13:55:47	3	1	164	207	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6280	SCHED	09/30/2020 13:57:53	4	16	170	41	065:15:39.00 N	096:23:50.40 W
Fall	LYG	6280	SCHED	09/30/2020 14:00:04	5	1	168	340	065:15:26.40 N	096:23:57.60 W
Fall	LYG	6280	SCHED	09/30/2020 14:02:13	6	1	164	26	065:15:26.40 N	096:23:57.60 W
Fall	LYG	6280	SCHED	09/30/2020 14:04:18	7	1	165	2	065:15:25.79 N	096:23:57.00 W
Fall	LYG	6280	SCHED	09/30/2020 14:06:24	8	40	187	84	065:15:22.20 N	096:24:03.00 W
Fall	LYG	6280	SCHED	09/30/2020 14:08:32	9	23	179	348	065:15:41.40 N	096:23:47.99 W
Fall	LYG	6280	SCHED	09/30/2020 14:10:40	10	1	165	295	065:15:25.79 N	096:23:58.20 W
Fall	LYG	6280	SCHED	09/30/2020 14:12:46	11	44	187	283	065:15:42.59 N	096:23:58.79 W
Fall	LYG	6280	SCHED	09/30/2020 14:14:51	12	0	165	70	065:15:39.00 N	096:23:47.99 W
Fall	LYG	6280	SCHED	09/30/2020 14:17:00	13	44	186	12	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6280	SCHED	09/30/2020 14:19:05	14	5	176	8	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6280	SCHED	09/30/2020 14:21:13	15	64	200	239	065:15:41.40 N	096:24:07.80 W
Fall	LYG	6280	SCHED	09/30/2020 14:23:19	16	1	165	110	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6280	SCHED	09/30/2020 14:25:30	17	4	180	38	065:15:25.20 N	096:23:58.20 W
Fall	LYG	6280	SCHED	09/30/2020 14:27:40	18	1	163	36	065:15:39.00 N	096:23:48.60 W
Fall	LYG	6280	SCHED	09/30/2020 14:29:48	19	31	177	20	065:15:37.19 N	096:23:50.99 W
Fall	LYG	6280	SCHED	09/30/2020 14:31:53	20	1	166	32	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6280	SCHED	09/30/2020 14:34:00	21	25	151	36	065:15:26.40 N	096:24:03.00 W
Fall	LYG	6280	ARRIVAL	09/30/2020 14:34:59	2	0	131	111	065:15:26.99 N	096:23:59.39 W
Fall	LYG	6280	XML_FLIGHT_SUMMARY	09/30/2020 14:35:00	0	0	0	0		
Fall	LYG	6280	SCHED	09/30/2020 14:40:05	22	49	209	218	065:15:39.00 N	096:24:18.60 W
Fall	LYG	6281	DEPARTURE	09/30/2020 14:40:12	3	46	209	210	065:15:37.19 N	096:24:20.40 W
Fall	LYG	6281	SCHED	09/30/2020 14:42:22	23	54	154	8	065:15:33.00 N	096:24:01.20 W
Fall	LYG	6281	ARRIVAL	09/30/2020 14:43:30	3	0	134	69	065:15:39.59 N	096:23:50.40 W
Fall	LYG	6281	DEPARTURE	09/30/2020 14:44:22	4	86	196	210	065:15:38.39 N	096:24:26.39 W
Fall	LYG	6281	ARRIVAL	09/30/2020 14:45:56	4	0	125	349	065:15:24.59 N	096:23:59.39 W
Fall	LYG	6281	DEPARTURE	09/30/2020 14:47:07	5	26	176	29	065:15:38.39 N	096:23:51.59 W
Fall	LYG	6281	SCHED	09/30/2020 14:49:12	24	2	168	30	065:15:26.40 N	096:23:57.60 W
Fall	LYG	6281	SCHED	09/30/2020 14:51:18	25	62	230	144	065:15:21.60 N	096:24:23.99 W
Fall	LYG	6281	SCHED	09/30/2020 14:53:26	26	31	182	28	065:15:37.79 N	096:23:51.59 W
Fall	LYG	6281	SCHED	09/30/2020 14:55:35	27	1	167	37	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6281	SCHED	09/30/2020 14:57:41	28	0	168	329	065:15:39.59 N	096:23:48.60 W
Fall	LYG	6281	SCHED	09/30/2020 14:59:47	29	4	174	64	065:15:25.79 N	096:23:58.79 W
Fall	LYG	6281	SCHED	09/30/2020 15:02:00	30	0	169	169	065:15:39.59 N	096:23:48.60 W
Fall	LYG	6281	SCHED	09/30/2020 15:04:16	31	25	202	38	065:15:37.79 N	096:23:51.59 W
Fall	LYG	6281	SCHED	09/30/2020 15:06:31	32	88	454	318	065:17:22.79 N	096:26:55.80 W
Fall	LYG	6281	SCHED	09/30/2020 15:08:37	33	90	581	323	065:19:53.99 N	096:31:58.80 W
Fall	LYG	6281	SCHED	09/30/2020 15:10:43	34	86	494	341	065:22:31.80 N	096:35:28.20 W
Fall	LYG	6281	SCHED	09/30/2020 15:12:50	35	81	302	257	065:24:17.39 N	096:39:51.59 W
Fall	LYG	6281	SCHED	09/30/2020 15:15:04	36	2	170	355	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6281	ARRIVAL	09/30/2020 15:15:53	5	0	164	340	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6281	XML_FLIGHT_SUMMARY	09/30/2020 15:15:54	0	0	0	0		
Fall	LYG	6282	DEPARTURE	09/30/2020 15:20:55	6	66	232	38	065:24:32.99 N	096:40:21.00 W
Fall	LYG	6282	SCHED	09/30/2020 15:23:00	37	96	584	165	065:22:21.59 N	096:38:08.40 W
Fall	LYG	6282	SCHED	09/30/2020 15:25:13	38	89	510	142	065:19:49.79 N	096:33:58.19 W
Fall	LYG	6282	SCHED	09/30/2020 15:27:18	39	86	477	132	065:17:31.79 N	096:28:52.19 W
Fall	LYG	6282	SCHED	09/30/2020 15:29:27	40	63	213	79	065:15:20.40 N	096:24:10.20 W
Fall	LYG	6282	SCHED	09/30/2020 15:31:35	41	3	175	270	065:15:39.00 N	096:23:49.20 W
Fall	LYG	6282	SCHED	09/30/2020 15:33:44	42	0	170	255	065:15:25.79 N	096:23:58.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6282	SCHED	09/30/2020 15:35:53	43	4	175	80	065:15:25.79 N	096:23:58.20 W
Fall	LYG	6282	SCHED	09/30/2020 15:37:58	44	53	198	114	065:15:22.79 N	096:24:15.00 W
Fall	LYG	6282	SCHED	09/30/2020 15:40:14	45	32	181	67	065:15:23.40 N	096:24:02.39 W
Fall	LYG	6282	SCHED	09/30/2020 15:42:33	46	63	197	131	065:15:22.79 N	096:24:09.59 W
Fall	LYG	6282	SCHED	09/30/2020 15:44:40	47	10	186	343	065:15:40.20 N	096:23:49.79 W
Fall	LYG	6282	SCHED	09/30/2020 15:46:52	48	50	201	10	065:15:33.00 N	096:23:58.79 W
Fall	LYG	6282	SCHED	09/30/2020 15:49:03	49	2	167	43	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6282	SCHED	09/30/2020 15:51:08	50	77	193	151	065:15:23.40 N	096:24:19.19 W
Fall	LYG	6282	SCHED	09/30/2020 15:53:13	51	14	265	203	065:15:37.79 N	096:23:48.60 W
Fall	LYG	6282	SCHED	09/30/2020 15:55:19	52	2	156	75	065:15:28.20 N	096:23:58.79 W
Fall	LYG	6282	SCHED	09/30/2020 15:58:15	53	2	172	81	065:15:28.20 N	096:23:58.79 W
Fall	LYG	6282	SCHED	09/30/2020 16:00:26	54	26	279	190	065:15:31.20 N	096:24:01.20 W
Fall	LYG	6282	SCHED	09/30/2020 16:02:32	55	4	175	95	065:15:39.00 N	096:23:49.20 W
Fall	LYG	6282	SCHED	09/30/2020 16:04:43	56	2	161	219	065:15:25.20 N	096:23:58.79 W
Fall	LYG	6282	ARRIVAL	09/30/2020 16:06:50	6	0	134	130	065:15:39.59 N	096:23:49.20 W
Fall	LYG	6282	XML_FLIGHT_SUMMARY	09/30/2020 16:06:51	0	0	0	0		
Fall	LYG	6283	DEPARTURE	09/30/2020 16:07:30	7	79	185	178	065:15:23.99 N	096:24:13.20 W
Fall	LYG	6283	ARRIVAL	09/30/2020 16:09:03	7	0	123	8	065:15:24.59 N	096:23:59.39 W
Fall	LYG	6283	SCHED	09/30/2020 16:14:09	57	2	156	219	065:15:40.20 N	096:23:49.20 W
Fall	LYG	6283	DEPARTURE	09/30/2020 16:14:56	8	92	160	184	065:15:31.79 N	096:24:15.00 W
Fall	LYG	6283	ARRIVAL	09/30/2020 16:17:33	8	0	135	341	065:15:26.40 N	096:24:01.20 W
Fall	LYG	6283	DEPARTURE	09/30/2020 16:22:12	9	75	201	353	065:16:00.00 N	096:23:44.39 W
Fall	LYG	6283	SCHED	09/30/2020 16:24:20	58	106	589	319	065:18:33.59 N	096:28:54.00 W
Fall	LYG	6283	SCHED	09/30/2020 16:26:28	59	112	675	332	065:21:50.99 N	096:34:04.79 W
Fall	LYG	6283	SCHED	09/30/2020 16:28:37	60	84	218	257	065:24:15.59 N	096:40:09.59 W
Fall	LYG	6283	ARRIVAL	09/30/2020 16:29:56	9	0	162	316	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6283	XML_FLIGHT_SUMMARY	09/30/2020 16:29:57	0	0	0	0		
Fall	LYG	6284	POWER_ON	09/30/2020 18:17:34	NA	NA	NA	NA		
Fall	LYG	6284	SCHED	09/30/2020 18:18:29	1	0	159	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6284	POWER_ON	09/30/2020 18:23:29	NA	NA	NA	NA		
Fall	LYG	6284	SCHED	09/30/2020 18:24:22	1	0	157	174	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6284	POWER_ON	09/30/2020 18:33:58	NA	NA	NA	NA		
Fall	LYG	6284	SCHED	09/30/2020 18:34:50	1	2	170	144	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6284	DEPARTURE	09/30/2020 18:35:07	1	72	191	55	065:24:34.79 N	096:40:16.19 W
Fall	LYG	6284	SCHED	09/30/2020 18:37:26	2	110	455	149	065:22:04.79 N	096:35:14.39 W
Fall	LYG	6284	SCHED	09/30/2020 18:39:32	3	116	425	145	065:18:11.99 N	096:30:01.79 W
Fall	LYG	6284	SCHED	09/30/2020 18:41:41	4	53	158	48	065:15:20.40 N	096:24:09.00 W
Fall	LYG	6284	SCHED	09/30/2020 18:43:51	5	33	160	325	065:15:37.19 N	096:23:39.59 W
Fall	LYG	6284	ARRIVAL	09/30/2020 18:45:32	1	0	136	102	065:15:39.59 N	096:23:50.40 W
Fall	LYG	6284	XML_FLIGHT_SUMMARY	09/30/2020 18:45:33	0	0	0	0		
Fall	LYG	6285	DEPARTURE	09/30/2020 18:48:35	2	68	198	189	065:15:33.59 N	096:24:21.00 W
Fall	LYG	6285	SCHED	09/30/2020 18:50:47	6	2	167	267	065:15:39.00 N	096:23:49.20 W
Fall	LYG	6285	SCHED	09/30/2020 18:52:55	7	1	163	227	065:15:39.59 N	096:23:49.20 W
Fall	LYG	6285	SCHED	09/30/2020 18:55:01	8	1	160	195	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6285	SCHED	09/30/2020 18:57:08	9	48	192	281	065:15:44.39 N	096:24:01.79 W
Fall	LYG	6285	SCHED	09/30/2020 18:59:15	10	9	167	357	065:15:34.20 N	096:23:40.80 W
Fall	LYG	6285	SCHED	09/30/2020 19:01:24	11	33	184	288	065:15:35.40 N	096:23:47.39 W
Fall	LYG	6285	SCHED	09/30/2020 19:03:31	12	62	238	346	065:15:47.39 N	096:24:06.00 W
Fall	LYG	6285	SCHED	09/30/2020 19:05:37	13	82	469	322	065:17:59.40 N	096:27:31.79 W
Fall	LYG	6285	SCHED	09/30/2020 19:07:43	14	86	567	317	065:20:01.79 N	096:32:05.40 W
Fall	LYG	6285	SCHED	09/30/2020 19:09:53	15	79	466	343	065:22:23.39 N	096:35:39.59 W
Fall	LYG	6285	SCHED	09/30/2020 19:11:59	16	83	302	265	065:24:22.80 N	096:38:58.79 W
Fall	LYG	6285	SCHED	09/30/2020 19:14:15	17	1	199	275	065:24:17.39 N	096:40:41.99 W
Fall	LYG	6285	SCHED	09/30/2020 19:16:21	18	94	423	174	065:22:49.79 N	096:38:12.60 W
Fall	LYG	6285	SCHED	09/30/2020 19:18:29	19	92	469	137	065:20:05.99 N	096:34:04.20 W
Fall	LYG	6285	SCHED	09/30/2020 19:20:41	20	92	485	136	065:17:44.39 N	096:28:36.59 W
Fall	LYG	6285	SCHED	09/30/2020 19:22:50	21	25	191	23	065:15:23.99 N	096:24:01.20 W
Fall	LYG	6285	SCHED	09/30/2020 19:24:55	22	0	162	7	065:15:33.00 N	096:23:40.20 W
Fall	LYG	6285	SCHED	09/30/2020 19:27:03	23	0	134	39	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6285	ARRIVAL	09/30/2020 19:27:44	2	0	133	92	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6285	XML_FLIGHT_SUMMARY	09/30/2020 19:27:45	0	0	0	0		
Fall	LYG	6286	POWER_ON	09/30/2020 19:39:07	NA	NA	NA	NA		
Fall	LYG	6286	DEPARTURE	09/30/2020 19:41:07	1	75	182	352	065:15:47.39 N	096:24:01.20 W
Fall	LYG	6286	SCHED	09/30/2020 19:41:16	1	94	394	328	065:17:14.40 N	096:26:05.40 W
Fall	LYG	6286	SCHED	09/30/2020 19:43:22	2	104	421	315	065:20:04.79 N	096:31:52.19 W
Fall	LYG	6286	SCHED	09/30/2020 19:45:27	3	108	366	346	065:23:12.59 N	096:35:55.80 W
Fall	LYG	6286	SCHED	09/30/2020 19:48:21	4	0	160	267	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6286	ARRIVAL	09/30/2020 19:48:29	1	0	161	267	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6286	XML_FLIGHT_SUMMARY	09/30/2020 19:48:30	0	0	0	0		
Fall	LYG	6287	POWER_ON	09/30/2020 19:59:40	NA	NA	NA	NA		
Fall	LYG	6287	SCHED	09/30/2020 20:00:36	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6287	POWER_ON	09/30/2020 20:44:35	NA	NA	NA	NA		
Fall	LYG	6287	SCHED	09/30/2020 20:45:31	1	55	175	13	065:24:25.80 N	096:40:35.40 W
Fall	LYG	6287	DEPARTURE	09/30/2020 20:45:39	1	72	205	55	065:24:35.40 N	096:40:18.00 W
Fall	LYG	6287	SCHED	09/30/2020 20:47:47	2	113	525	140	065:21:29.39 N	096:34:53.99 W
Fall	LYG	6287	SCHED	09/30/2020 20:49:59	3	126	419	142	065:18:09.59 N	096:28:13.19 W
Fall	LYG	6287	SCHED	09/30/2020 20:52:04	4	0	135	87	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6287	ARRIVAL	09/30/2020 20:52:44	1	0	134	87	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6287	XML_FLIGHT_SUMMARY	09/30/2020 20:52:45	0	0	0	0		
Fall	LYG	6288	DEPARTURE	09/30/2020 20:53:35	2	73	197	316	065:15:42.00 N	096:24:34.79 W
Fall	LYG	6288	SCHED	09/30/2020 20:55:43	5	101	401	306	065:17:50.99 N	096:30:48.00 W
Fall	LYG	6288	SCHED	09/30/2020 20:57:49	6	102	471	313	065:20:07.79 N	096:37:22.80 W
Fall	LYG	6288	SCHED	09/30/2020 20:59:58	7	95	212	286	065:22:10.20 N	096:44:55.20 W
Fall	LYG	6288	ARRIVAL	09/30/2020 21:01:22	2	0	170	86	065:22:18.59 N	096:45:18.60 W
Fall	LYG	6288	XML_FLIGHT_SUMMARY	09/30/2020 21:01:23	0	0	0	0		
Fall	LYG	6289	DEPARTURE	09/30/2020 21:04:12	3	73	193	331	065:22:37.19 N	096:45:30.60 W
Fall	LYG	6289	ARRIVAL	09/30/2020 21:05:56	3	0	146	120	065:23:15.00 N	096:45:19.79 W
Fall	LYG	6289	DEPARTURE	09/30/2020 21:06:54	4	95	187	173	065:23:03.59 N	096:45:50.40 W
Fall	LYG	6289	ARRIVAL	09/30/2020 21:08:55	4	0	163	332	065:22:06.00 N	096:43:54.00 W
Fall	LYG	6289	DEPARTURE	09/30/2020 21:10:11	5	67	203	311	065:22:21.00 N	096:44:16.19 W
Fall	LYG	6289	ARRIVAL	09/30/2020 21:12:19	5	0	146	343	065:23:15.00 N	096:45:16.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6289	DEPARTURE	09/30/2020 21:14:36	6	81	187	114	065:23:15.00 N	096:44:29.39 W
Fall	LYG	6289	SCHED	09/30/2020 21:16:55	8	94	257	355	065:24:01.19 N	096:38:36.60 W
Fall	LYG	6289	ARRIVAL	09/30/2020 21:18:51	6	0	158	285	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6289	XML_FLIGHT_SUMMARY	09/30/2020 21:18:52	0	0	0	0		
Fall	LYG	6290	DEPARTURE	09/30/2020 21:20:33	7	79	218	64	065:24:35.99 N	096:40:13.20 W
Fall	LYG	6290	SCHED	09/30/2020 21:22:39	9	117	461	147	065:21:08.39 N	096:34:45.00 W
Fall	LYG	6290	SCHED	09/30/2020 21:24:44	10	126	396	134	065:17:37.80 N	096:28:45.00 W
Fall	LYG	6290	SCHED	09/30/2020 21:26:51	11	1	138	33	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6290	ARRIVAL	09/30/2020 21:27:42	7	0	135	18	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6290	XML_FLIGHT_SUMMARY	09/30/2020 21:27:43	0	0	0	0		
Fall	LYG	6291	DEPARTURE	09/30/2020 21:29:34	8	72	192	340	065:15:46.80 N	096:24:07.80 W
Fall	LYG	6291	SCHED	09/30/2020 21:31:53	12	97	514	323	065:19:15.00 N	096:30:38.40 W
Fall	LYG	6291	SCHED	09/30/2020 21:33:58	13	98	473	337	065:22:22.80 N	096:35:10.20 W
Fall	LYG	6291	SCHED	09/30/2020 21:36:04	14	65	193	267	065:24:15.59 N	096:40:19.79 W
Fall	LYG	6291	ARRIVAL	09/30/2020 21:37:21	8	0	163	322	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6291	XML_FLIGHT_SUMMARY	09/30/2020 21:37:22	0	0	0	0		
Fall	LYG	6292	POWER_ON	09/30/2020 23:08:15	NA	NA	NA	NA		
Fall	LYG	6292	SCHED	09/30/2020 23:09:14	1	0	156	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6292	DEPARTURE	09/30/2020 23:09:48	1	69	195	58	065:24:34.19 N	096:40:19.79 W
Fall	LYG	6292	SCHED	09/30/2020 23:11:54	2	114	459	145	065:21:51.60 N	096:34:57.60 W
Fall	LYG	6292	SCHED	09/30/2020 23:14:00	3	127	435	147	065:18:19.79 N	096:29:05.39 W
Fall	LYG	6292	SCHED	09/30/2020 23:16:09	4	11	135	26	065:15:25.79 N	096:24:01.20 W
Fall	LYG	6292	ARRIVAL	09/30/2020 23:17:08	1	0	133	56	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6292	XML_FLIGHT_SUMMARY	09/30/2020 23:17:09	0	0	0	0		
Fall	LYG	6292	SCHED	09/30/2020 23:22:14	5	0	133	56	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6293	DEPARTURE	09/30/2020 23:25:40	2	62	180	360	065:15:45.00 N	096:24:01.20 W
Fall	LYG	6293	SCHED	09/30/2020 23:27:47	6	84	411	317	065:18:05.40 N	096:28:00.00 W
Fall	LYG	6293	SCHED	09/30/2020 23:29:57	7	86	511	327	065:20:27.59 N	096:32:46.19 W
Fall	LYG	6293	SCHED	09/30/2020 23:32:04	8	101	393	343	065:23:35.40 N	096:36:00.00 W
Fall	LYG	6293	SCHED	09/30/2020 23:34:10	9	0	157	297	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6293	ARRIVAL	09/30/2020 23:34:45	2	0	159	297	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6293	XML_FLIGHT_SUMMARY	09/30/2020 23:34:46	0	0	0	0		
Fall	LYG	6294	POWER_ON	10/01/2020 12:26:55	NA	NA	NA	NA		
Fall	LYG	6294	SCHED	10/01/2020 12:27:51	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6294	DEPARTURE	10/01/2020 12:32:20	1	94	159	123	065:24:30.00 N	096:39:15.00 W
Fall	LYG	6294	SCHED	10/01/2020 12:35:08	2	120	450	144	065:20:12.00 N	096:33:21.00 W
Fall	LYG	6294	SCHED	10/01/2020 12:37:22	3	121	339	147	065:16:42.59 N	096:26:52.19 W
Fall	LYG	6294	SCHED	10/01/2020 12:39:28	4	0	137	31	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6294	ARRIVAL	10/01/2020 12:39:43	1	0	136	31	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6294	XML_FLIGHT_SUMMARY	10/01/2020 12:39:44	0	0	0	0		
Fall	LYG	6294	SCHED	10/01/2020 12:44:54	5	0	135	31	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6294	SCHED	10/01/2020 12:50:00	6	0	134	31	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6295	DEPARTURE	10/01/2020 12:50:53	2	70	208	327	065:15:45.59 N	096:24:15.59 W
Fall	LYG	6295	SCHED	10/01/2020 12:53:05	7	94	428	323	065:18:06.60 N	096:28:41.39 W
Fall	LYG	6295	SCHED	10/01/2020 12:55:11	8	97	451	328	065:20:54.59 N	096:33:28.20 W
Fall	LYG	6295	SCHED	10/01/2020 12:57:55	9	98	297	281	065:24:23.39 N	096:38:22.19 W
Fall	LYG	6295	ARRIVAL	10/01/2020 12:59:39	2	0	174	290	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6295	XML_FLIGHT_SUMMARY	10/01/2020 12:59:40	0	0	0	0		
Fall	LYG	6296	DEPARTURE	10/01/2020 13:02:26	3	68	202	3	065:24:37.19 N	096:40:32.39 W
Fall	LYG	6296	SCHED	10/01/2020 13:04:34	10	108	261	184	065:23:55.20 N	096:46:08.40 W
Fall	LYG	6296	SCHED	10/01/2020 13:06:43	11	0	168	88	065:22:19.20 N	096:45:17.99 W
Fall	LYG	6296	ARRIVAL	10/01/2020 13:07:10	3	0	170	88	065:22:19.20 N	096:45:17.99 W
Fall	LYG	6296	XML_FLIGHT_SUMMARY	10/01/2020 13:07:11	0	0	0	0		
Fall	LYG	6297	DEPARTURE	10/01/2020 13:08:45	4	77	225	97	065:22:17.39 N	096:44:27.60 W
Fall	LYG	6297	SCHED	10/01/2020 13:10:53	12	94	319	2	065:23:35.99 N	096:38:12.60 W
Fall	LYG	6297	SCHED	10/01/2020 13:12:58	13	0	164	286	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6297	ARRIVAL	10/01/2020 13:13:13	4	0	164	286	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6297	XML_FLIGHT_SUMMARY	10/01/2020 13:13:14	0	0	0	0		
Fall	LYG	6298	DEPARTURE	10/01/2020 13:17:21	5	67	250	30	065:24:34.19 N	096:40:24.59 W
Fall	LYG	6298	SCHED	10/01/2020 13:19:27	14	97	449	165	065:22:15.00 N	096:37:02.39 W
Fall	LYG	6298	SCHED	10/01/2020 13:21:33	15	98	477	136	065:19:30.00 N	096:32:34.19 W
Fall	LYG	6298	SCHED	10/01/2020 13:23:38	16	97	445	142	065:16:54.00 N	096:27:22.19 W
Fall	LYG	6298	SCHED	10/01/2020 13:25:53	17	0	164	248	065:15:26.40 N	096:27:32.99 W
Fall	LYG	6298	SCHED	10/01/2020 13:27:58	18	66	350	320	065:16:29.39 N	096:25:11.99 W
Fall	LYG	6298	SCHED	10/01/2020 13:30:03	19	73	506	314	065:18:17.39 N	096:28:58.20 W
Fall	LYG	6298	SCHED	10/01/2020 13:32:10	20	77	505	331	065:20:14.39 N	096:32:55.80 W
Fall	LYG	6298	SCHED	10/01/2020 13:34:22	21	73	486	347	065:22:33.60 N	096:35:38.39 W
Fall	LYG	6298	SCHED	10/01/2020 13:36:30	22	80	320	260	065:24:20.39 N	096:39:30.00 W
Fall	LYG	6298	SCHED	10/01/2020 13:38:42	23	49	228	12	065:24:26.39 N	096:40:35.40 W
Fall	LYG	6298	SCHED	10/01/2020 13:40:51	24	99	436	172	065:22:19.80 N	096:37:18.59 W
Fall	LYG	6298	SCHED	10/01/2020 13:42:59	25	99	497	142	065:19:22.79 N	096:32:52.80 W
Fall	LYG	6298	SCHED	10/01/2020 13:45:04	26	100	488	145	065:16:38.39 N	096:27:32.99 W
Fall	LYG	6298	SCHED	10/01/2020 13:47:10	27	3	169	81	065:15:36.59 N	096:23:59.39 W
Fall	LYG	6298	SCHED	10/01/2020 13:49:16	28	58	254	338	065:15:55.20 N	096:24:11.39 W
Fall	LYG	6298	SCHED	10/01/2020 13:51:21	29	74	462	316	065:17:43.19 N	096:28:03.00 W
Fall	LYG	6298	SCHED	10/01/2020 13:53:29	30	78	487	328	065:19:45.00 N	096:32:14.39 W
Fall	LYG	6298	SCHED	10/01/2020 13:55:39	31	82	434	341	065:22:10.79 N	096:35:27.60 W
Fall	LYG	6298	SCHED	10/01/2020 13:57:45	32	80	349	269	065:24:23.39 N	096:38:45.60 W
Fall	LYG	6298	SCHED	10/01/2020 13:59:52	33	18	212	17	065:24:18.60 N	096:40:38.40 W
Fall	LYG	6298	SCHED	10/01/2020 14:02:38	34	96	443	170	065:22:03.59 N	096:37:02.39 W
Fall	LYG	6298	SCHED	10/01/2020 14:04:50	35	92	497	137	065:19:11.99 N	096:32:14.39 W
Fall	LYG	6298	SCHED	10/01/2020 14:06:57	36	101	453	142	065:16:23.99 N	096:26:49.19 W
Fall	LYG	6298	SCHED	10/01/2020 14:09:05	37	0	164	89	065:15:25.79 N	096:23:58.20 W
Fall	LYG	6298	SCHED	10/01/2020 14:12:29	38	79	389	324	065:17:37.80 N	096:27:46.20 W
Fall	LYG	6298	SCHED	10/01/2020 14:14:35	39	83	434	328	065:20:01.79 N	096:32:46.19 W
Fall	LYG	6298	SCHED	10/01/2020 14:16:43	40	86	361	357	065:22:41.40 N	096:35:48.00 W
Fall	LYG	6298	SCHED	10/01/2020 14:18:56	41	60	243	263	065:24:13.80 N	096:40:21.60 W
Fall	LYG	6298	SCHED	10/01/2020 14:21:02	42	0	159	323	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6298	ARRIVAL	10/01/2020 14:21:26	5	0	160	323	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6298	XML_FLIGHT_SUMMARY	10/01/2020 14:21:27	0	0	0	0		
Fall	LYG	6299	POWER_ON	10/01/2020 16:22:03	NA	NA	NA	NA		
Fall	LYG	6299	SCHED	10/01/2020 16:23:08	1	0	159	235	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6299	DEPARTURE	10/01/2020 16:24:07	1	72	204	51	065:24:35.99 N	096:40:16.80 W
Fall	LYG	6299	SCHED	10/01/2020 16:26:19	2	118	448	150	065:21:31.80 N	096:34:41.39 W
Fall	LYG	6299	SCHED	10/01/2020 16:28:28	3	123	437	142	065:17:46.80 N	096:29:10.20 W
Fall	LYG	6299	SCHED	10/01/2020 16:30:34	4	3	135	15	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6299	SCHED	10/01/2020 16:32:58	5	96	266	331	065:16:50.39 N	096:25:06.59 W
Fall	LYG	6299	SCHED	10/01/2020 16:35:07	6	98	403	321	065:19:53.40 N	096:31:07.19 W
Fall	LYG	6299	SCHED	10/01/2020 16:37:18	7	106	387	345	065:23:03.59 N	096:35:43.80 W
Fall	LYG	6299	SCHED	10/01/2020 16:39:26	8	0	164	282	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6299	SCHED	10/01/2020 16:41:33	9	84	304	243	065:25:01.79 N	096:42:04.19 W
Fall	LYG	6299	SCHED	10/01/2020 16:43:39	10	108	294	175	065:22:55.20 N	096:45:41.39 W
Fall	LYG	6299	SCHED	10/01/2020 16:45:44	11	71	276	81	065:22:21.59 N	096:43:57.59 W
Fall	LYG	6299	SCHED	10/01/2020 16:47:53	12	72	376	34	065:23:46.79 N	096:39:07.80 W
Fall	LYG	6299	SCHED	10/01/2020 16:50:04	13	0	196	85	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6299	ARRIVAL	10/01/2020 16:51:40	1	0	165	327	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6299	XML_FLIGHT_SUMMARY	10/01/2020 16:51:41	0	0	0	0		
Fall	LYG	6300	DEPARTURE	10/01/2020 16:52:55	2	72	222	13	065:24:37.80 N	096:40:27.60 W
Fall	LYG	6300	SCHED	10/01/2020 16:55:10	14	118	272	173	065:23:42.60 N	096:46:02.40 W
Fall	LYG	6300	ARRIVAL	10/01/2020 16:57:11	2	0	172	117	065:22:18.59 N	096:45:17.99 W
Fall	LYG	6300	XML_FLIGHT_SUMMARY	10/01/2020 16:57:12	0	0	0	0		
Fall	LYG	6301	DEPARTURE	10/01/2020 16:57:47	3	85	209	83	065:22:20.39 N	096:44:26.40 W
Fall	LYG	6301	SCHED	10/01/2020 17:00:00	15	98	274	309	065:24:19.19 N	096:39:04.19 W
Fall	LYG	6301	ARRIVAL	10/01/2020 17:01:29	3	0	165	301	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6301	XML_FLIGHT_SUMMARY	10/01/2020 17:01:30	0	0	0	0		
Fall	LYG	6302	DEPARTURE	10/01/2020 17:02:20	4	78	204	60	065:24:35.40 N	096:40:13.20 W
Fall	LYG	6302	SCHED	10/01/2020 17:04:28	16	114	429	146	065:21:52.80 N	096:34:44.39 W
Fall	LYG	6302	SCHED	10/01/2020 17:06:35	17	115	438	145	065:18:25.79 N	096:29:16.79 W
Fall	LYG	6302	SCHED	10/01/2020 17:08:47	18	43	142	32	065:15:23.40 N	096:24:04.19 W
Fall	LYG	6302	ARRIVAL	10/01/2020 17:09:47	4	0	138	46	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6302	XML_FLIGHT_SUMMARY	10/01/2020 17:09:48	0	0	0	0		
Fall	LYG	6303	DEPARTURE	10/01/2020 17:10:17	5	76	177	335	065:15:45.59 N	096:24:15.59 W
Fall	LYG	6303	SCHED	10/01/2020 17:12:23	19	104	405	324	065:18:28.20 N	096:28:58.80 W
Fall	LYG	6303	SCHED	10/01/2020 17:16:05	20	107	379	347	065:23:09.59 N	096:35:44.40 W
Fall	LYG	6303	SCHED	10/01/2020 17:18:16	21	0	163	301	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6303	ARRIVAL	10/01/2020 17:18:20	5	0	162	301	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6303	XML_FLIGHT_SUMMARY	10/01/2020 17:18:21	0	0	0	0		
Fall	LYG	6304	POWER_ON	10/01/2020 17:51:22	NA	NA	NA	NA		
Fall	LYG	6304	SCHED	10/01/2020 17:52:06	1	0	164	139	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6304	DEPARTURE	10/01/2020 17:52:49	1	73	208	11	065:24:37.80 N	096:40:28.79 W
Fall	LYG	6304	SCHED	10/01/2020 17:54:55	2	108	270	173	065:23:26.99 N	096:45:49.79 W
Fall	LYG	6304	ARRIVAL	10/01/2020 17:56:55	1	0	169	286	065:22:18.00 N	096:45:16.19 W
Fall	LYG	6304	XML_FLIGHT_SUMMARY	10/01/2020 17:56:56	0	0	0	0		
Fall	LYG	6305	DEPARTURE	10/01/2020 17:59:34	2	72	208	186	065:22:10.79 N	096:45:53.99 W
Fall	LYG	6305	ARRIVAL	10/01/2020 18:01:07	2	0	189	335	065:22:06.59 N	096:45:32.39 W
Fall	LYG	6305	DEPARTURE	10/01/2020 18:01:56	3	87	212	177	065:21:50.99 N	096:45:55.80 W
Fall	LYG	6305	SCHED	10/01/2020 18:04:06	3	8	156	350	065:21:04.20 N	096:43:26.99 W
Fall	LYG	6305	ARRIVAL	10/01/2020 18:04:58	3	0	150	335	065:21:04.79 N	096:43:27.60 W
Fall	LYG	6305	DEPARTURE	10/01/2020 18:07:34	4	75	205	25	065:21:24.59 N	096:43:16.79 W
Fall	LYG	6305	SCHED	10/01/2020 18:09:44	4	105	273	346	065:24:01.79 N	096:38:03.59 W
Fall	LYG	6305	ARRIVAL	10/01/2020 18:11:36	4	0	163	308	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6305	XML_FLIGHT_SUMMARY	10/01/2020 18:11:37	0	0	0	0		
Fall	LYG	6306	POWER_ON	10/01/2020 18:46:40	NA	NA	NA	NA		
Fall	LYG	6306	DEPARTURE	10/01/2020 18:47:33	1	69	212	18	065:24:36.60 N	096:40:26.99 W
Fall	LYG	6306	SCHED	10/01/2020 18:47:42	1	70	252	343	065:24:49.79 N	096:40:28.79 W
Fall	LYG	6306	SCHED	10/01/2020 18:49:48	2	120	284	155	065:22:42.60 N	096:44:45.59 W
Fall	LYG	6306	SCHED	10/01/2020 18:51:53	3	0	147	321	065:21:04.79 N	096:43:27.60 W
Fall	LYG	6306	ARRIVAL	10/01/2020 18:52:41	1	0	140	321	065:21:04.79 N	096:43:27.60 W
Fall	LYG	6306	XML_FLIGHT_SUMMARY	10/01/2020 18:52:42	0	0	0	0		
Fall	LYG	6307	DEPARTURE	10/01/2020 18:54:46	2	65	183	4	065:21:21.59 N	096:43:45.60 W
Fall	LYG	6307	SCHED	10/01/2020 18:57:06	4	98	302	13	065:23:40.19 N	096:38:36.60 W
Fall	LYG	6307	ARRIVAL	10/01/2020 18:58:55	2	0	164	292	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6307	XML_FLIGHT_SUMMARY	10/01/2020 18:58:56	0	0	0	0		
Fall	LYG	6308	POWER_ON	10/01/2020 21:12:30	NA	NA	NA	NA		
Fall	LYG	6308	SCHED	10/01/2020 21:13:18	1	2	166	125	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6308	DEPARTURE	10/01/2020 21:15:29	1	74	233	55	065:24:35.40 N	096:40:17.39 W
Fall	LYG	6308	SCHED	10/01/2020 21:17:36	2	99	421	161	065:21:47.99 N	096:37:21.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:19:46	3	107	405	123	065:19:31.19 N	096:30:45.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:21:56	4	110	315	143	065:16:43.19 N	096:24:28.19 W
Fall	LYG	6308	SCHED	10/01/2020 21:24:02	5	0	166	12	065:15:25.79 N	096:23:57.60 W
Fall	LYG	6308	SCHED	10/01/2020 21:26:12	6	80	309	324	065:16:23.99 N	096:25:35.40 W
Fall	LYG	6308	SCHED	10/01/2020 21:28:25	7	81	410	321	065:18:37.80 N	096:30:03.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:30:36	8	83	359	322	065:20:58.80 N	096:34:26.39 W
Fall	LYG	6308	SCHED	10/01/2020 21:32:45	9	81	296	330	065:23:50.40 N	096:36:29.39 W
Fall	LYG	6308	SCHED	10/01/2020 21:34:57	10	1	198	303	065:24:17.39 N	096:40:41.40 W
Fall	LYG	6308	SCHED	10/01/2020 21:37:03	11	107	446	178	065:22:37.19 N	096:36:24.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:39:11	12	115	478	142	065:19:13.20 N	096:32:36.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:41:24	13	106	389	147	065:16:11.99 N	096:26:14.39 W
Fall	LYG	6308	SCHED	10/01/2020 21:43:31	14	0	166	73	065:15:25.79 N	096:23:58.20 W
Fall	LYG	6308	SCHED	10/01/2020 21:45:37	15	0	168	37	065:15:25.79 N	096:23:58.20 W
Fall	LYG	6308	SCHED	10/01/2020 21:47:45	16	75	349	326	065:17:02.40 N	096:26:52.19 W
Fall	LYG	6308	SCHED	10/01/2020 21:49:52	17	74	416	317	065:19:00.60 N	096:30:49.19 W
Fall	LYG	6308	SCHED	10/01/2020 21:51:59	18	75	413	332	065:21:12.60 N	096:34:30.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:54:05	19	64	271	323	065:23:41.99 N	096:36:24.00 W
Fall	LYG	6308	SCHED	10/01/2020 21:56:12	20	6	208	316	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6308	ARRIVAL	10/01/2020 21:58:04	1	0	163	257	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6308	XML_FLIGHT_SUMMARY	10/01/2020 21:58:05	0	0	0	0		
Fall	LYG	6309	POWER_ON	10/01/2020 23:09:02	NA	NA	NA	NA		
Fall	LYG	6309	SCHED	10/01/2020 23:09:58	1	39	178	99	065:24:17.39 N	096:40:31.79 W
Fall	LYG	6309	DEPARTURE	10/01/2020 23:10:06	1	81	213	86	065:24:18.60 N	096:39:46.79 W
Fall	LYG	6309	SCHED	10/01/2020 23:12:25	2	114	467	150	065:21:11.40 N	096:35:28.80 W
Fall	LYG	6309	SCHED	10/01/2020 23:14:41	3	123	370	138	065:17:36.59 N	096:28:14.40 W
Fall	LYG	6309	SCHED	10/01/2020 23:16:50	4	0	140	90	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6309	ARRIVAL	10/01/2020 23:17:16	1	0	124	90	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6309	XML_FLIGHT_SUMMARY	10/01/2020 23:17:17	0	0	0	0		
Fall	LYG	6309	SCHED	10/01/2020 23:22:28	5	0	111	324	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6310	DEPARTURE	10/01/2020 23:25:11	2	69	196	333	065:15:45.59 N	096:24:12.60 W
Fall	LYG	6310	SCHED	10/01/2020 23:27:17	6	98	479	324	065:18:11.99 N	096:28:35.40 W
Fall	LYG	6310	SCHED	10/01/2020 23:29:25	7	87	379	330	065:20:59.40 N	096:33:08.99 W
Fall	LYG	6310	SCHED	10/01/2020 23:31:36	8	81	447	347	065:23:43.80 N	096:35:43.19 W
Fall	LYG	6310	SCHED	10/01/2020 23:33:51	9	100	218	248	065:24:20.39 N	096:39:25.80 W
Fall	LYG	6310	ARRIVAL	10/01/2020 23:35:18	2	0	154	253	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6310	XML_FLIGHT_SUMMARY	10/01/2020 23:35:19	0	0	0	0		
Fall	LYG	6311	POWER_ON	10/02/2020 12:24:51	NA	NA	NA	NA		
Fall	LYG	6311	SCHED	10/02/2020 12:25:34	1	0	150	233	065:24:18.00 N	096:40:41.40 W
Fall	LYG	6311	DEPARTURE	10/02/2020 12:26:36	1	80	160	54	065:24:35.40 N	096:40:18.00 W
Fall	LYG	6311	SCHED	10/02/2020 12:28:42	2	112	484	155	065:21:46.19 N	096:36:02.99 W
Fall	LYG	6311	SCHED	10/02/2020 12:30:53	3	129	484	146	065:18:05.99 N	096:30:40.80 W
Fall	LYG	6311	SCHED	10/02/2020 12:33:01	4	19	141	9	065:15:23.99 N	096:24:00.00 W
Fall	LYG	6311	ARRIVAL	10/02/2020 12:34:16	1	0	133	38	065:15:26.40 N	096:24:00.00 W
Fall	LYG	6311	XML_FLIGHT_SUMMARY	10/02/2020 12:34:17	0	0	0	0		
Fall	LYG	6312	DEPARTURE	10/02/2020 12:37:12	2	50	157	341	065:15:37.79 N	096:23:37.80 W
Fall	LYG	6312	SCHED	10/02/2020 12:39:23	5	99	268	321	065:18:29.39 N	096:28:00.59 W
Fall	LYG	6312	SCHED	10/02/2020 12:41:31	6	98	298	322	065:21:15.59 N	096:33:11.99 W
Fall	LYG	6312	SCHED	10/02/2020 12:43:42	7	99	259	305	065:24:14.39 N	096:37:34.19 W
Fall	LYG	6312	ARRIVAL	10/02/2020 12:45:47	2	0	163	283	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6312	XML_FLIGHT_SUMMARY	10/02/2020 12:45:48	0	0	0	0		
Fall	LYG	6313	DEPARTURE	10/02/2020 12:48:57	3	75	207	53	065:24:35.40 N	096:40:18.60 W
Fall	LYG	6313	SCHED	10/02/2020 12:51:04	8	127	389	150	065:21:48.59 N	096:34:25.80 W
Fall	LYG	6313	SCHED	10/02/2020 12:53:09	9	125	467	146	065:18:05.40 N	096:29:20.40 W
Fall	LYG	6313	SCHED	10/02/2020 12:55:15	10	21	142	17	065:15:25.20 N	096:24:00.60 W
Fall	LYG	6313	ARRIVAL	10/02/2020 12:56:21	3	0	136	58	065:15:26.99 N	096:24:00.00 W
Fall	LYG	6313	XML_FLIGHT_SUMMARY	10/02/2020 12:56:22	0	0	0	0		
Fall	LYG	6314	POWER_ON	10/02/2020 13:19:09	NA	NA	NA	NA		
Fall	LYG	6314	SCHED	10/02/2020 13:20:06	1	1	149	213	065:15:26.99 N	096:24:00.60 W
Fall	LYG	6314	SCHED	10/02/2020 13:25:11	2	1	169	159	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6314	SCHED	10/02/2020 13:30:22	3	26	238	357	065:15:30.00 N	096:24:31.19 W
Fall	LYG	6314	DEPARTURE	10/02/2020 13:30:47	1	43	252	52	065:15:41.40 N	096:24:09.59 W
Fall	LYG	6314	SCHED	10/02/2020 13:33:29	4	8	159	188	065:15:32.39 N	096:23:39.59 W
Fall	LYG	6314	SCHED	10/02/2020 13:35:34	5	2	154	82	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 13:37:39	6	1	154	306	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 13:39:44	7	43	215	303	065:15:29.40 N	096:24:22.80 W
Fall	LYG	6314	SCHED	10/02/2020 13:41:49	8	0	161	106	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 13:43:54	9	75	228	64	065:15:46.80 N	096:23:55.20 W
Fall	LYG	6314	SCHED	10/02/2020 13:45:59	10	1	162	248	065:15:33.00 N	096:23:41.40 W
Fall	LYG	6314	SCHED	10/02/2020 13:48:06	11	3	160	329	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 13:50:14	12	48	220	102	065:15:44.39 N	096:23:40.20 W
Fall	LYG	6314	SCHED	10/02/2020 13:52:22	13	26	170	216	065:15:31.79 N	096:23:43.20 W
Fall	LYG	6314	SCHED	10/02/2020 13:54:33	14	0	159	239	065:15:33.00 N	096:23:41.40 W
Fall	LYG	6314	SCHED	10/02/2020 13:56:44	15	2	171	261	065:15:26.40 N	096:23:58.20 W
Fall	LYG	6314	SCHED	10/02/2020 13:58:52	16	8	173	310	065:15:32.39 N	096:23:40.20 W
Fall	LYG	6314	SCHED	10/02/2020 14:01:02	17	1	161	165	065:15:25.79 N	096:23:58.20 W
Fall	LYG	6314	SCHED	10/02/2020 14:03:11	18	41	179	215	065:15:28.20 N	096:23:49.20 W
Fall	LYG	6314	SCHED	10/02/2020 14:05:16	19	1	158	255	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 14:07:22	20	5	173	305	065:15:33.59 N	096:23:39.59 W
Fall	LYG	6314	SCHED	10/02/2020 14:09:39	21	9	178	68	065:15:25.79 N	096:23:57.00 W
Fall	LYG	6314	SCHED	10/02/2020 14:11:45	22	1	167	274	065:15:25.79 N	096:23:58.79 W
Fall	LYG	6314	SCHED	10/02/2020 14:13:50	23	12	177	261	065:15:25.79 N	096:23:56.40 W
Fall	LYG	6314	SCHED	10/02/2020 14:16:01	24	16	181	246	065:15:25.79 N	096:23:55.79 W
Fall	LYG	6314	SCHED	10/02/2020 14:18:06	25	0	159	128	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 14:20:19	26	36	188	222	065:15:28.79 N	096:23:46.20 W
Fall	LYG	6314	SCHED	10/02/2020 14:22:28	27	22	172	197	065:15:31.79 N	096:23:41.40 W
Fall	LYG	6314	SCHED	10/02/2020 14:24:38	28	39	211	351	065:15:31.79 N	096:24:19.79 W
Fall	LYG	6314	SCHED	10/02/2020 14:26:47	29	0	155	21	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 14:28:52	30	1	160	332	065:15:33.59 N	096:23:40.20 W
Fall	LYG	6314	SCHED	10/02/2020 14:30:59	31	28	200	50	065:15:30.59 N	096:23:45.00 W
Fall	LYG	6314	SCHED	10/02/2020 14:33:08	32	21	188	40	065:15:27.60 N	096:23:50.99 W
Fall	LYG	6314	SCHED	10/02/2020 14:35:16	33	1	164	255	065:15:33.00 N	096:23:39.59 W
Fall	LYG	6314	SCHED	10/02/2020 14:37:22	34	0	165	52	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6314	SCHED	10/02/2020 14:39:27	35	46	200	329	065:15:31.79 N	096:24:07.80 W
Fall	LYG	6314	SCHED	10/02/2020 14:41:38	36	75	425	319	065:17:40.80 N	096:26:46.79 W
Fall	LYG	6314	SCHED	10/02/2020 14:43:43	37	79	412	313	065:19:45.00 N	096:31:19.79 W
Fall	LYG	6314	SCHED	10/02/2020 14:45:55	38	78	402	330	065:21:49.19 N	096:35:08.40 W
Fall	LYG	6314	SCHED	10/02/2020 14:48:00	39	78	332	295	065:24:18.00 N	096:37:46.79 W
Fall	LYG	6314	SCHED	10/02/2020 14:50:09	40	7	206	50	065:24:17.39 N	096:40:41.40 W
Fall	LYG	6314	ARRIVAL	10/02/2020 14:51:39	1	0	162	317	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6314	XML_FLIGHT_SUMMARY	10/02/2020 14:51:40	0	0	0	0		
Fall	LYG	6315	DEPARTURE	10/02/2020 14:56:41	2	65	252	41	065:24:34.79 N	096:40:22.80 W
Fall	LYG	6315	SCHED	10/02/2020 14:58:46	41	99	407	170	065:22:12.00 N	096:37:10.20 W
Fall	LYG	6315	SCHED	10/02/2020 15:00:54	42	95	435	129	065:19:32.39 N	096:32:27.00 W
Fall	LYG	6315	SCHED	10/02/2020 15:03:04	43	104	461	137	065:17:05.99 N	096:26:25.20 W
Fall	LYG	6315	SCHED	10/02/2020 15:05:13	44	2	165	244	065:15:33.00 N	096:23:41.40 W
Fall	LYG	6315	SCHED	10/02/2020 15:07:21	45	1	165	327	065:15:33.00 N	096:23:40.20 W
Fall	LYG	6315	SCHED	10/02/2020 15:09:33	46	22	195	63	065:15:29.40 N	096:23:48.60 W
Fall	LYG	6315	SCHED	10/02/2020 15:11:43	47	6	176	36	065:15:26.40 N	096:23:57.60 W
Fall	LYG	6315	SCHED	10/02/2020 15:13:49	48	1	163	4	065:15:25.79 N	096:23:58.79 W
Fall	LYG	6315	SCHED	10/02/2020 15:16:01	49	3	163	321	065:15:25.79 N	096:23:57.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6315	SCHED	10/02/2020 15:18:58	50	40	188	338	065:15:30.59 N	096:24:07.80 W
Fall	LYG	6315	SCHED	10/02/2020 15:21:13	51	1	168	147	065:15:28.20 N	096:23:58.79 W
Fall	LYG	6315	SCHED	10/02/2020 15:23:28	52	22	204	253	065:15:27.60 N	096:23:50.99 W
Fall	LYG	6315	SCHED	10/02/2020 15:25:42	53	5	221	274	065:15:33.59 N	096:23:42.60 W
Fall	LYG	6315	SCHED	10/02/2020 15:28:01	54	3	228	354	065:15:28.79 N	096:23:59.39 W
Fall	LYG	6315	SCHED	10/02/2020 15:30:08	55	8	198	302	065:15:30.59 N	096:23:58.79 W
Fall	LYG	6315	SCHED	10/02/2020 15:32:14	56	4	218	220	065:15:35.40 N	096:23:51.59 W
Fall	LYG	6315	SCHED	10/02/2020 15:35:59	57	1	175	156	065:15:36.00 N	096:23:59.39 W
Fall	LYG	6315	SCHED	10/02/2020 15:38:05	58	2	137	202	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6315	ARRIVAL	10/02/2020 15:39:15	2	0	133	55	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6315	XML_FLIGHT_SUMMARY	10/02/2020 15:39:16	0	0	0	0		
Fall	LYG	6316	DEPARTURE	10/02/2020 15:43:44	3	69	161	333	065:15:49.80 N	096:23:52.80 W
Fall	LYG	6316	SCHED	10/02/2020 15:46:02	59	98	412	318	065:18:25.79 N	096:28:25.80 W
Fall	LYG	6316	SCHED	10/02/2020 15:48:08	60	107	281	326	065:21:28.19 N	096:34:41.99 W
Fall	LYG	6316	SCHED	10/02/2020 15:50:54	61	73	198	252	065:24:16.19 N	096:40:17.39 W
Fall	LYG	6316	ARRIVAL	10/02/2020 15:52:21	3	0	161	274	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6316	XML_FLIGHT_SUMMARY	10/02/2020 15:52:22	0	0	0	0		
Fall	LYG	6317	POWER_ON	10/02/2020 23:08:52	NA	NA	NA	NA		
Fall	LYG	6317	SCHED	10/02/2020 23:09:47	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6317	DEPARTURE	10/02/2020 23:11:59	1	111	161	174	065:22:53.99 N	096:37:37.19 W
Fall	LYG	6317	SCHED	10/02/2020 23:14:06	2	128	339	144	065:19:24.59 N	096:32:39.00 W
Fall	LYG	6317	SCHED	10/02/2020 23:16:24	3	130	290	132	065:16:05.40 N	096:25:12.59 W
Fall	LYG	6317	SCHED	10/02/2020 23:18:34	4	0	120	276	065:15:33.59 N	096:23:38.40 W
Fall	LYG	6317	ARRIVAL	10/02/2020 23:18:44	1	0	120	276	065:15:33.59 N	096:23:38.40 W
Fall	LYG	6317	XML_FLIGHT_SUMMARY	10/02/2020 23:18:45	0	0	0	0		
Fall	LYG	6317	SCHED	10/02/2020 23:23:54	5	0	127	276	065:15:33.59 N	096:23:38.40 W
Fall	LYG	6318	DEPARTURE	10/02/2020 23:25:04	2	62	186	325	065:15:49.80 N	096:24:01.20 W
Fall	LYG	6318	SCHED	10/02/2020 23:27:13	6	86	401	318	065:18:11.99 N	096:27:58.20 W
Fall	LYG	6318	SCHED	10/02/2020 23:29:20	7	92	360	328	065:20:46.80 N	096:32:43.20 W
Fall	LYG	6318	SCHED	10/02/2020 23:31:25	8	91	329	340	065:23:33.60 N	096:36:06.00 W
Fall	LYG	6318	SCHED	10/02/2020 23:33:33	9	0	160	274	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6318	ARRIVAL	10/02/2020 23:34:16	2	0	160	274	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6318	XML_FLIGHT_SUMMARY	10/02/2020 23:34:17	0	0	0	0		
Fall	LYG	6319	POWER_ON	10/03/2020 12:32:39	NA	NA	NA	NA		
Fall	LYG	6319	SCHED	10/03/2020 12:33:37	1	0	223	0	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6319	DEPARTURE	10/03/2020 12:34:46	1	80	194	45	065:24:35.99 N	096:40:19.79 W
Fall	LYG	6319	SCHED	10/03/2020 12:36:52	2	120	309	143	065:21:41.40 N	096:34:08.40 W
Fall	LYG	6319	SCHED	10/03/2020 12:38:58	3	120	286	157	065:18:10.20 N	096:29:02.39 W
Fall	LYG	6319	SCHED	10/03/2020 12:41:04	4	40	140	216	065:15:34.79 N	096:23:25.80 W
Fall	LYG	6319	ARRIVAL	10/03/2020 12:42:25	1	0	125	325	065:15:34.20 N	096:23:38.40 W
Fall	LYG	6319	XML_FLIGHT_SUMMARY	10/03/2020 12:42:26	0	0	0	0		
Fall	LYG	6319	SCHED	10/03/2020 12:47:31	5	0	122	325	065:15:33.59 N	096:23:38.40 W
Fall	LYG	6320	DEPARTURE	10/03/2020 12:48:24	2	77	173	326	065:15:51.60 N	096:24:07.19 W
Fall	LYG	6320	SCHED	10/03/2020 12:50:30	6	96	276	319	065:18:52.19 N	096:28:40.79 W
Fall	LYG	6320	SCHED	10/03/2020 12:52:35	7	97	313	317	065:21:22.80 N	096:33:54.59 W
Fall	LYG	6320	SCHED	10/03/2020 12:54:46	8	95	250	306	065:24:13.80 N	096:38:20.40 W
Fall	LYG	6320	ARRIVAL	10/03/2020 12:56:38	2	0	163	304	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6320	XML_FLIGHT_SUMMARY	10/03/2020 12:56:39	0	0	0	0		
Fall	LYG	6321	DEPARTURE	10/03/2020 12:58:58	3	64	217	50	065:24:33.60 N	096:40:20.39 W
Fall	LYG	6321	SCHED	10/03/2020 13:01:03	9	105	294	148	065:21:55.79 N	096:35:48.60 W
Fall	LYG	6321	SCHED	10/03/2020 13:03:09	10	108	280	135	065:18:58.80 N	096:30:28.20 W
Fall	LYG	6321	SCHED	10/03/2020 13:05:24	11	104	272	118	065:16:01.19 N	096:26:14.39 W
Fall	LYG	6321	SCHED	10/03/2020 13:07:29	12	0	143	322	065:15:33.00 N	096:23:41.40 W
Fall	LYG	6321	SCHED	10/03/2020 13:09:34	13	72	277	319	065:16:58.19 N	096:26:11.39 W
Fall	LYG	6321	SCHED	10/03/2020 13:11:40	14	71	313	313	065:18:51.60 N	096:30:06.00 W
Fall	LYG	6321	SCHED	10/03/2020 13:13:48	15	71	332	329	065:20:49.19 N	096:34:00.60 W
Fall	LYG	6321	SCHED	10/03/2020 13:16:05	16	75	338	339	065:23:04.79 N	096:36:34.19 W
Fall	LYG	6321	SCHED	10/03/2020 13:18:14	17	6	186	310	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6321	ARRIVAL	10/03/2020 13:19:49	3	0	157	69	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6321	XML_FLIGHT_SUMMARY	10/03/2020 13:19:50	0	0	0	0		
Fall	LYG	6322	DEPARTURE	10/03/2020 13:22:41	4	72	233	48	065:24:34.79 N	096:40:15.60 W
Fall	LYG	6322	SCHED	10/03/2020 13:24:57	18	115	428	155	065:21:35.99 N	096:35:07.80 W
Fall	LYG	6322	SCHED	10/03/2020 13:27:05	19	123	400	145	065:17:43.19 N	096:28:50.40 W
Fall	LYG	6322	SCHED	10/03/2020 13:29:11	20	9	149	311	065:15:32.39 N	096:23:40.20 W
Fall	LYG	6322	SCHED	10/03/2020 13:31:16	21	66	307	319	065:16:30.59 N	096:25:28.79 W
Fall	LYG	6322	SCHED	10/03/2020 13:33:22	22	70	391	321	065:18:17.39 N	096:29:04.19 W
Fall	LYG	6322	SCHED	10/03/2020 13:35:28	23	74	362	327	065:20:16.79 N	096:32:32.39 W
Fall	LYG	6322	SCHED	10/03/2020 13:37:33	24	72	381	336	065:22:25.20 N	096:35:34.19 W
Fall	LYG	6322	SCHED	10/03/2020 13:39:40	25	84	290	268	065:24:23.39 N	096:38:44.39 W
Fall	LYG	6322	SCHED	10/03/2020 13:41:50	26	58	208	25	065:24:28.19 N	096:40:31.19 W
Fall	LYG	6322	SCHED	10/03/2020 13:43:55	27	103	363	149	065:22:19.20 N	096:35:32.39 W
Fall	LYG	6322	SCHED	10/03/2020 13:46:03	28	102	388	109	065:19:51.60 N	096:29:12.60 W
Fall	LYG	6322	SCHED	10/03/2020 13:48:13	29	110	360	167	065:17:20.40 N	096:23:37.19 W
Fall	LYG	6322	SCHED	10/03/2020 13:50:26	30	1	146	210	065:15:36.59 N	096:23:59.39 W
Fall	LYG	6322	SCHED	10/03/2020 13:52:40	31	60	290	321	065:16:19.79 N	096:25:03.59 W
Fall	LYG	6322	SCHED	10/03/2020 13:54:45	32	67	419	321	065:18:14.99 N	096:28:47.39 W
Fall	LYG	6322	SCHED	10/03/2020 13:57:32	33	71	407	330	065:20:41.39 N	096:33:03.60 W
Fall	LYG	6322	SCHED	10/03/2020 13:59:39	34	73	428	359	065:23:03.00 N	096:35:43.19 W
Fall	LYG	6322	SCHED	10/03/2020 14:01:53	35	53	250	259	065:24:14.39 N	096:40:22.19 W
Fall	LYG	6322	ARRIVAL	10/03/2020 14:03:51	4	0	164	31	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6322	XML_FLIGHT_SUMMARY	10/03/2020 14:03:52	0	0	0	0		
Fall	LYG	6323	DEPARTURE	10/03/2020 14:06:04	5	81	210	61	065:24:35.99 N	096:40:13.20 W
Fall	LYG	6323	SCHED	10/03/2020 14:08:12	36	124	483	143	065:21:43.80 N	096:34:18.59 W
Fall	LYG	6323	SCHED	10/03/2020 14:10:56	37	135	306	135	065:17:05.40 N	096:25:57.60 W
Fall	LYG	6323	SCHED	10/03/2020 14:13:02	38	0	139	251	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6323	ARRIVAL	10/03/2020 14:13:23	5	0	140	251	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6323	XML_FLIGHT_SUMMARY	10/03/2020 14:13:24	0	0	0	0		
Fall	LYG	6323	SCHED	10/03/2020 14:18:36	39	0	131	55	065:15:26.40 N	096:24:00.60 W
Fall	LYG	6323	SCHED	10/03/2020 14:23:49	40	4	180	48	065:15:32.39 N	096:23:51.59 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6324	DEPARTURE	10/03/2020 14:27:05	6	58	185	128	065:15:22.20 N	096:24:07.80 W
Fall	LYG	6324	SCHED	10/03/2020 14:29:14	41	69	184	168	065:15:23.99 N	096:24:14.39 W
Fall	LYG	6324	SCHED	10/03/2020 14:31:21	42	62	185	253	065:15:34.79 N	096:24:06.00 W
Fall	LYG	6324	SCHED	10/03/2020 14:33:26	43	82	189	172	065:15:24.59 N	096:24:15.59 W
Fall	LYG	6324	SCHED	10/03/2020 14:35:34	44	1	166	341	065:15:33.00 N	096:23:41.40 W
Fall	LYG	6324	SCHED	10/03/2020 14:37:43	45	1	151	143	065:15:32.39 N	096:23:52.19 W
Fall	LYG	6324	ARRIVAL	10/03/2020 14:39:20	6	0	139	27	065:15:31.79 N	096:23:51.59 W
Fall	LYG	6324	POWER_ON	10/03/2020 15:43:38	NA	NA	NA	NA		
Fall	LYG	6324	SCHED	10/03/2020 15:44:32	1	17	143	321	065:15:32.39 N	096:23:52.80 W
Fall	LYG	6324	DEPARTURE	10/03/2020 15:44:44	1	66	192	328	065:15:49.19 N	096:24:14.39 W
Fall	LYG	6324	SCHED	10/03/2020 15:46:54	2	101	448	317	065:18:21.00 N	096:28:56.39 W
Fall	LYG	6324	SCHED	10/03/2020 15:49:03	3	107	391	331	065:21:17.39 N	096:34:16.20 W
Fall	LYG	6324	SCHED	10/03/2020 15:51:11	4	97	279	280	065:24:19.19 N	096:38:49.79 W
Fall	LYG	6324	ARRIVAL	10/03/2020 15:54:26	1	0	163	291	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6324	XML_FLIGHT_SUMMARY	10/03/2020 15:54:27	0	0	0	0		
Fall	LYG	6325	POWER_ON	10/03/2020 18:45:38	NA	NA	NA	NA		
Fall	LYG	6325	SCHED	10/03/2020 18:46:33	1	0	166	338	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6325	DEPARTURE	10/03/2020 18:48:43	1	67	231	47	065:24:35.40 N	096:40:19.79 W
Fall	LYG	6325	SCHED	10/03/2020 18:50:54	2	87	375	169	065:22:18.59 N	096:37:40.20 W
Fall	LYG	6325	SCHED	10/03/2020 18:53:01	3	95	440	139	065:19:28.80 N	096:33:26.39 W
Fall	LYG	6325	SCHED	10/03/2020 18:55:07	4	102	405	122	065:17:00.60 N	096:27:26.40 W
Fall	LYG	6325	SCHED	10/03/2020 18:57:14	5	1	165	264	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6325	SCHED	10/03/2020 18:59:21	6	71	300	320	065:16:50.39 N	096:24:57.60 W
Fall	LYG	6325	SCHED	10/03/2020 19:01:33	7	71	363	312	065:18:37.80 N	096:29:10.20 W
Fall	LYG	6325	SCHED	10/03/2020 19:03:42	8	74	446	316	065:20:32.39 N	096:33:19.20 W
Fall	LYG	6325	SCHED	10/03/2020 19:05:47	9	73	482	349	065:23:00.59 N	096:35:48.60 W
Fall	LYG	6325	SCHED	10/03/2020 19:07:58	10	64	299	258	065:24:20.99 N	096:39:13.80 W
Fall	LYG	6325	SCHED	10/03/2020 19:10:14	11	1	162	305	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6325	ARRIVAL	10/03/2020 19:10:54	1	0	162	311	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6325	XML_FLIGHT_SUMMARY	10/03/2020 19:10:55	0	0	0	0		
Fall	LYG	6326	POWER_ON	10/03/2020 21:11:49	NA	NA	NA	NA		
Fall	LYG	6326	SCHED	10/03/2020 21:12:35	1	2	178	272	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6326	DEPARTURE	10/03/2020 21:13:20	1	82	277	51	065:24:36.60 N	096:40:12.59 W
Fall	LYG	6326	SCHED	10/03/2020 21:15:26	2	112	456	165	065:21:38.39 N	096:37:03.59 W
Fall	LYG	6326	SCHED	10/03/2020 21:17:32	3	116	470	134	065:18:27.00 N	096:31:28.20 W
Fall	LYG	6326	SCHED	10/03/2020 21:19:41	4	113	227	130	065:15:51.60 N	096:23:38.99 W
Fall	LYG	6326	SCHED	10/03/2020 21:21:48	5	0	165	179	065:15:33.59 N	096:23:40.20 W
Fall	LYG	6326	SCHED	10/03/2020 21:23:53	6	65	377	317	065:16:55.80 N	096:26:16.79 W
Fall	LYG	6326	SCHED	10/03/2020 21:25:58	7	74	471	325	065:18:50.39 N	096:30:03.00 W
Fall	LYG	6326	SCHED	10/03/2020 21:28:07	8	77	409	327	065:20:59.40 N	096:33:53.40 W
Fall	LYG	6326	SCHED	10/03/2020 21:30:18	9	76	358	311	065:23:33.60 N	096:36:36.00 W
Fall	LYG	6326	SCHED	10/03/2020 21:32:28	10	3	202	326	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6326	SCHED	10/03/2020 21:34:37	11	0	167	291	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6326	ARRIVAL	10/03/2020 21:34:46	1	0	169	291	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6326	XML_FLIGHT_SUMMARY	10/03/2020 21:34:47	0	0	0	0		
Fall	LYG	6327	POWER_ON	10/03/2020 23:08:15	NA	NA	NA	NA		
Fall	LYG	6327	SCHED	10/03/2020 23:09:14	1	0	153	115	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6327	DEPARTURE	10/03/2020 23:09:50	1	75	221	48	065:24:35.99 N	096:40:15.00 W
Fall	LYG	6327	SCHED	10/03/2020 23:11:57	2	124	433	151	065:21:39.00 N	096:34:42.60 W
Fall	LYG	6327	SCHED	10/03/2020 23:15:36	3	83	168	191	065:15:40.20 N	096:23:11.39 W
Fall	LYG	6327	ARRIVAL	10/03/2020 23:17:16	1	0	120	186	065:15:33.59 N	096:23:38.99 W
Fall	LYG	6327	XML_FLIGHT_SUMMARY	10/03/2020 23:17:17	0	0	0	0		
Fall	LYG	6327	SCHED	10/03/2020 23:23:09	4	0	126	186	065:15:33.59 N	096:23:38.99 W
Fall	LYG	6328	DEPARTURE	10/03/2020 23:24:02	2	73	184	324	065:15:37.79 N	096:24:09.59 W
Fall	LYG	6328	SCHED	10/03/2020 23:26:18	5	90	394	318	065:17:58.19 N	096:28:12.60 W
Fall	LYG	6328	SCHED	10/03/2020 23:28:26	6	94	433	330	065:20:45.60 N	096:33:16.79 W
Fall	LYG	6328	SCHED	10/03/2020 23:30:39	7	102	416	330	065:23:54.59 N	096:36:32.39 W
Fall	LYG	6328	SCHED	10/03/2020 23:32:49	8	0	155	301	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6328	ARRIVAL	10/03/2020 23:33:01	2	0	156	301	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6328	XML_FLIGHT_SUMMARY	10/03/2020 23:33:02	0	0	0	0		
Fall	LYG	6329	POWER_ON	10/04/2020 13:03:29	NA	NA	NA	NA		
Fall	LYG	6329	SCHED	10/04/2020 13:04:17	1	0	543	0	065:24:28.19 N	096:40:43.79 W
Fall	LYG	6329	DEPARTURE	10/04/2020 13:04:59	1	67	189	54	065:24:34.79 N	096:40:16.80 W
Fall	LYG	6329	SCHED	10/04/2020 13:07:08	2	107	209	160	065:21:49.19 N	096:36:07.19 W
Fall	LYG	6329	SCHED	10/04/2020 13:09:14	3	103	241	135	065:18:58.19 N	096:30:48.59 W
Fall	LYG	6329	SCHED	10/04/2020 13:11:20	4	85	219	127	065:16:20.40 N	096:24:46.20 W
Fall	LYG	6329	SCHED	10/04/2020 13:13:32	5	0	123	231	065:15:34.20 N	096:23:38.99 W
Fall	LYG	6329	ARRIVAL	10/04/2020 13:13:38	1	0	123	231	065:15:34.20 N	096:23:38.99 W
Fall	LYG	6329	XML_FLIGHT_SUMMARY	10/04/2020 13:13:39	0	0	0	0		
Fall	LYG	6330	DEPARTURE	10/04/2020 13:17:22	2	82	160	344	065:15:55.80 N	096:23:51.59 W
Fall	LYG	6330	SCHED	10/04/2020 13:19:28	6	111	184	326	065:18:58.19 N	096:28:40.20 W
Fall	LYG	6330	SCHED	10/04/2020 13:21:34	7	110	190	326	065:21:38.39 N	096:35:23.39 W
Fall	LYG	6330	SCHED	10/04/2020 13:23:39	8	81	175	256	065:24:15.59 N	096:40:03.59 W
Fall	LYG	6330	ARRIVAL	10/04/2020 13:25:00	2	0	158	287	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6330	XML_FLIGHT_SUMMARY	10/04/2020 13:25:01	0	0	0	0		
Fall	LYG	6331	POWER_ON	10/04/2020 15:17:42	NA	NA	NA	NA		
Fall	LYG	6331	SCHED	10/04/2020 15:18:28	1	0	164	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6331	DEPARTURE	10/04/2020 15:19:12	1	73	193	50	065:24:35.40 N	096:40:18.00 W
Fall	LYG	6331	SCHED	10/04/2020 15:21:22	2	114	296	150	065:21:56.99 N	096:34:55.80 W
Fall	LYG	6331	SCHED	10/04/2020 15:23:34	3	111	223	139	065:18:34.80 N	096:30:24.59 W
Fall	LYG	6331	SCHED	10/04/2020 15:25:40	4	104	159	167	065:16:05.40 N	096:23:21.00 W
Fall	LYG	6331	ARRIVAL	10/04/2020 15:27:26	1	0	120	227	065:15:33.59 N	096:23:38.99 W
Fall	LYG	6331	XML_FLIGHT_SUMMARY	10/04/2020 15:27:27	0	0	0	0		
Fall	LYG	6332	POWER_ON	10/04/2020 15:52:50	NA	NA	NA	NA		
Fall	LYG	6332	SCHED	10/04/2020 15:53:47	1	2	154	267	065:15:33.59 N	096:23:38.99 W
Fall	LYG	6332	DEPARTURE	10/04/2020 15:56:41	1	43	210	239	065:15:40.80 N	096:23:59.39 W
Fall	LYG	6332	SCHED	10/04/2020 15:58:46	2	3	164	106	065:15:33.59 N	096:23:41.40 W
Fall	LYG	6332	SCHED	10/04/2020 16:00:56	3	1	165	100	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6332	SCHED	10/04/2020 16:03:08	4	0	163	53	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6332	SCHED	10/04/2020 16:05:18	5	3	186	112	065:15:33.00 N	096:23:53.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6332	SCHED	10/04/2020 16:07:29	6	55	201	277	065:15:40.20 N	096:23:48.60 W
Fall	LYG	6332	SCHED	10/04/2020 16:09:36	7	1	164	58	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6332	SCHED	10/04/2020 16:11:47	8	1	175	261	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6332	SCHED	10/04/2020 16:15:27	9	9	178	31	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6332	SCHED	10/04/2020 16:17:32	10	1	160	195	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6332	SCHED	10/04/2020 16:19:41	11	2	162	153	065:15:33.00 N	096:23:40.80 W
Fall	LYG	6332	SCHED	10/04/2020 16:21:51	12	44	186	336	065:15:39.00 N	096:23:34.79 W
Fall	LYG	6332	SCHED	10/04/2020 16:23:57	13	23	183	69	065:15:33.59 N	096:23:36.60 W
Fall	LYG	6332	SCHED	10/04/2020 16:26:03	14	0	166	186	065:15:33.00 N	096:23:41.40 W
Fall	LYG	6332	SCHED	10/04/2020 16:28:11	15	0	164	96	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6332	SCHED	10/04/2020 16:30:28	16	4	168	58	065:15:33.59 N	096:23:40.20 W
Fall	LYG	6332	SCHED	10/04/2020 16:32:46	17	46	214	346	065:15:42.59 N	096:23:40.20 W
Fall	LYG	6332	SCHED	10/04/2020 16:34:58	18	91	278	317	065:17:57.60 N	096:27:31.79 W
Fall	LYG	6332	SCHED	10/04/2020 16:37:18	19	93	262	315	065:20:29.39 N	096:32:47.39 W
Fall	LYG	6332	SCHED	10/04/2020 16:40:08	20	94	301	312	065:24:11.39 N	096:37:11.39 W
Fall	LYG	6332	SCHED	10/04/2020 16:42:14	21	1	199	48	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6332	ARRIVAL	10/04/2020 16:43:55	1	0	165	274	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6332	XML_FLIGHT_SUMMARY	10/04/2020 16:43:56	0	0	0	0		
Fall	LYG	6333	DEPARTURE	10/04/2020 16:48:43	2	69	242	77	065:24:23.39 N	096:39:56.39 W
Fall	LYG	6333	SCHED	10/04/2020 16:50:48	22	95	300	148	065:22:37.80 N	096:34:33.00 W
Fall	LYG	6333	SCHED	10/04/2020 16:52:53	23	90	299	155	065:19:53.99 N	096:30:50.40 W
Fall	LYG	6333	SCHED	10/04/2020 16:54:59	24	91	282	139	065:17:26.40 N	096:26:31.19 W
Fall	LYG	6333	SCHED	10/04/2020 16:57:07	25	1	177	115	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6333	SCHED	10/04/2020 16:59:13	26	5	180	138	065:15:33.00 N	096:23:51.59 W
Fall	LYG	6333	SCHED	10/04/2020 17:01:19	27	3	180	137	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6333	SCHED	10/04/2020 17:03:28	28	17	191	89	065:15:33.00 N	096:23:53.99 W
Fall	LYG	6333	SCHED	10/04/2020 17:05:45	29	52	194	311	065:15:40.20 N	096:23:45.00 W
Fall	LYG	6333	SCHED	10/04/2020 17:07:56	30	3	171	86	065:15:33.59 N	096:23:39.59 W
Fall	LYG	6333	SCHED	10/04/2020 17:10:02	31	1	160	1	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6333	SCHED	10/04/2020 17:12:07	32	1	175	8	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6333	SCHED	10/04/2020 17:14:14	33	1	175	58	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6333	SCHED	10/04/2020 17:16:21	34	50	220	241	065:15:42.00 N	096:24:05.40 W
Fall	LYG	6333	SCHED	10/04/2020 17:18:27	35	2	163	89	065:15:33.59 N	096:23:41.40 W
Fall	LYG	6333	SCHED	10/04/2020 17:20:36	36	1	182	21	065:15:33.00 N	096:23:52.19 W
Fall	LYG	6333	SCHED	10/04/2020 17:22:44	37	1	178	90	065:15:33.00 N	096:23:51.59 W
Fall	LYG	6333	SCHED	10/04/2020 17:25:02	38	1	167	6	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6333	SCHED	10/04/2020 17:27:07	39	53	212	200	065:15:37.79 N	096:24:00.60 W
Fall	LYG	6333	SCHED	10/04/2020 17:29:12	40	25	194	118	065:15:34.20 N	096:23:55.79 W
Fall	LYG	6333	SCHED	10/04/2020 17:31:18	41	29	207	129	065:15:33.00 N	096:23:58.20 W
Fall	LYG	6333	SCHED	10/04/2020 17:33:40	42	1	183	34	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6333	SCHED	10/04/2020 17:35:50	43	67	235	3	065:15:36.00 N	096:23:32.40 W
Fall	LYG	6333	SCHED	10/04/2020 17:37:55	44	3	179	135	065:15:33.59 N	096:23:40.80 W
Fall	LYG	6333	SCHED	10/04/2020 17:40:12	45	45	184	3	065:15:39.59 N	096:23:35.40 W
Fall	LYG	6333	SCHED	10/04/2020 17:43:49	46	46	202	138	065:15:30.59 N	096:24:06.59 W
Fall	LYG	6333	SCHED	10/04/2020 17:45:55	47	2	175	51	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6333	SCHED	10/04/2020 17:48:00	48	41	208	166	065:15:34.20 N	096:24:10.20 W
Fall	LYG	6333	SCHED	10/04/2020 17:50:08	49	49	226	258	065:15:40.80 N	096:24:00.60 W
Fall	LYG	6333	SCHED	10/04/2020 17:52:17	50	63	200	221	065:15:36.00 N	096:24:04.19 W
Fall	LYG	6333	SCHED	10/04/2020 17:54:23	51	66	249	275	065:15:43.80 N	096:24:09.59 W
Fall	LYG	6333	SCHED	10/04/2020 17:56:29	52	60	255	341	065:15:46.19 N	096:23:53.40 W
Fall	LYG	6333	SCHED	10/04/2020 17:58:34	53	80	349	314	065:17:50.39 N	096:28:06.00 W
Fall	LYG	6333	SCHED	10/04/2020 18:00:42	54	82	356	336	065:19:57.60 N	096:32:30.00 W
Fall	LYG	6333	SCHED	10/04/2020 18:04:20	55	77	326	333	065:23:43.80 N	096:36:20.40 W
Fall	LYG	6333	SCHED	10/04/2020 18:06:26	56	0	211	229	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6333	SCHED	10/04/2020 18:08:44	57	0	161	289	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6333	ARRIVAL	10/04/2020 18:08:49	2	0	163	289	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6333	XML_FLIGHT_SUMMARY	10/04/2020 18:08:50	0	0	0	0		
Fall	LYG	6333	SCHED	10/04/2020 18:13:55	58	40	215	68	065:24:18.60 N	096:40:31.19 W
Fall	LYG	6334	DEPARTURE	10/04/2020 18:14:13	3	69	238	74	065:24:23.39 N	096:39:57.00 W
Fall	LYG	6334	SCHED	10/04/2020 18:16:18	59	88	298	159	065:21:52.20 N	096:37:08.40 W
Fall	LYG	6334	SCHED	10/04/2020 18:18:28	60	85	294	135	065:19:30.59 N	096:32:39.59 W
Fall	LYG	6334	SCHED	10/04/2020 18:20:41	61	83	277	136	065:17:20.40 N	096:27:22.80 W
Fall	LYG	6334	SCHED	10/04/2020 18:22:47	62	2	176	96	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6334	SCHED	10/04/2020 18:24:52	63	1	144	98	065:15:30.00 N	096:23:57.60 W
Fall	LYG	6334	ARRIVAL	10/04/2020 18:26:25	3	0	135	88	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6334	XML_FLIGHT_SUMMARY	10/04/2020 18:26:26	0	0	0	0		
Fall	LYG	6335	POWER_ON	10/04/2020 19:02:14	NA	NA	NA	NA		
Fall	LYG	6335	SCHED	10/04/2020 19:03:08	1	0	131	0	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6335	DEPARTURE	10/04/2020 19:03:42	1	80	157	17	065:15:49.80 N	096:23:43.79 W
Fall	LYG	6335	SCHED	10/04/2020 19:06:20	2	103	260	317	065:19:15.00 N	096:30:26.40 W
Fall	LYG	6335	SCHED	10/04/2020 19:08:26	3	106	353	334	065:22:13.20 N	096:35:23.39 W
Fall	LYG	6335	SCHED	10/04/2020 19:10:37	4	24	169	318	065:24:16.80 N	096:40:37.80 W
Fall	LYG	6335	ARRIVAL	10/04/2020 19:11:38	1	0	165	40	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6335	XML_FLIGHT_SUMMARY	10/04/2020 19:11:39	0	0	0	0		
Fall	LYG	6336	DEPARTURE	10/04/2020 19:14:30	2	60	240	49	065:24:32.40 N	096:40:19.79 W
Fall	LYG	6336	SCHED	10/04/2020 19:16:38	5	97	262	164	065:21:53.99 N	096:37:32.39 W
Fall	LYG	6336	SCHED	10/04/2020 19:18:43	6	92	290	137	065:19:16.20 N	096:33:05.40 W
Fall	LYG	6336	SCHED	10/04/2020 19:20:50	7	91	318	137	065:17:02.40 N	096:28:00.00 W
Fall	LYG	6336	SCHED	10/04/2020 19:22:56	8	1	158	36	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6336	SCHED	10/04/2020 19:25:02	9	81	258	322	065:16:58.80 N	096:25:07.19 W
Fall	LYG	6336	SCHED	10/04/2020 19:27:07	10	87	261	309	065:18:53.99 N	096:30:30.60 W
Fall	LYG	6336	SCHED	10/04/2020 19:29:13	11	84	292	307	065:21:01.79 N	096:35:12.60 W
Fall	LYG	6336	SCHED	10/04/2020 19:31:19	12	78	299	357	065:23:31.19 N	096:37:51.59 W
Fall	LYG	6336	SCHED	10/04/2020 19:33:30	13	7	185	355	065:24:18.00 N	096:40:39.59 W
Fall	LYG	6336	ARRIVAL	10/04/2020 19:34:41	2	0	160	261	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6336	XML_FLIGHT_SUMMARY	10/04/2020 19:34:42	0	0	0	0		
Fall	LYG	6337	POWER_ON	10/04/2020 21:23:21	NA	NA	NA	NA		
Fall	LYG	6337	SCHED	10/04/2020 21:25:34	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6337	DEPARTURE	10/04/2020 21:26:23	1	82	276	54	065:24:29.40 N	096:39:42.60 W
Fall	LYG	6337	SCHED	10/04/2020 21:28:35	2	47	276	142	065:25:13.80 N	096:38:04.79 W
Fall	LYG	6337	ARRIVAL	10/04/2020 21:30:26	1	0	173	10	065:24:37.80 N	096:38:22.80 W
Fall	LYG	6337	DEPARTURE	10/04/2020 21:31:46	2	87	248	309	065:24:57.60 N	096:38:25.80 W
Fall	LYG	6337	ARRIVAL	10/04/2020 21:33:43	2	0	161	335	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6337	POWER_ON	10/04/2020 23:03:45	NA	NA	NA	NA		
Fall	LYG	6337	DEPARTURE	10/04/2020 23:05:45	1	79	190	82	065:24:20.99 N	096:39:49.20 W
Fall	LYG	6337	SCHED	10/04/2020 23:05:53	1	108	298	148	065:23:40.19 N	096:37:36.00 W
Fall	LYG	6337	SCHED	10/04/2020 23:07:59	2	112	454	140	065:20:09.59 N	096:33:14.39 W
Fall	LYG	6337	SCHED	10/04/2020 23:10:49	3	119	286	143	065:16:08.99 N	096:25:51.59 W
Fall	LYG	6337	ARRIVAL	10/04/2020 23:12:23	1	0	140	74	065:15:32.39 N	096:23:53.40 W
Fall	LYG	6337	XML_FLIGHT_SUMMARY	10/04/2020 23:12:24	0	0	0	0		
Fall	LYG	6338	DEPARTURE	10/04/2020 23:17:03	2	86	203	328	065:15:52.80 N	096:24:10.20 W
Fall	LYG	6338	SCHED	10/04/2020 23:19:09	4	119	359	325	065:18:50.99 N	096:29:55.20 W
Fall	LYG	6338	SCHED	10/04/2020 23:21:56	5	112	335	338	065:22:13.80 N	096:35:13.79 W
Fall	LYG	6338	SCHED	10/04/2020 23:24:03	6	0	161	333	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6338	ARRIVAL	10/04/2020 23:24:37	2	0	156	333	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6338	XML_FLIGHT_SUMMARY	10/04/2020 23:24:38	0	0	0	0		
Fall	LYG	6339	POWER_ON	10/05/2020 12:38:50	NA	NA	NA	NA		
Fall	LYG	6339	SCHED	10/05/2020 12:39:59	1	0	164	25	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6339	DEPARTURE	10/05/2020 12:40:47	1	68	208	52	065:24:35.40 N	096:40:16.80 W
Fall	LYG	6339	SCHED	10/05/2020 12:42:58	2	112	417	147	065:21:59.40 N	096:34:56.40 W
Fall	LYG	6339	SCHED	10/05/2020 12:45:07	3	116	402	140	065:18:33.00 N	096:29:30.60 W
Fall	LYG	6339	SCHED	10/05/2020 12:47:13	4	52	157	52	065:15:25.20 N	096:24:04.19 W
Fall	LYG	6339	ARRIVAL	10/05/2020 12:48:47	1	0	138	93	065:15:32.39 N	096:23:52.80 W
Fall	LYG	6339	XML_FLIGHT_SUMMARY	10/05/2020 12:48:48	0	0	0	0		
Fall	LYG	6339	SCHED	10/05/2020 12:53:54	5	67	189	319	065:15:45.00 N	096:24:09.59 W
Fall	LYG	6340	DEPARTURE	10/05/2020 12:54:05	2	71	202	315	065:15:48.59 N	096:24:17.39 W
Fall	LYG	6340	SCHED	10/05/2020 12:56:11	6	99	383	320	065:18:26.40 N	096:29:30.00 W
Fall	LYG	6340	SCHED	10/05/2020 12:58:23	7	100	426	335	065:21:10.79 N	096:34:25.80 W
Fall	LYG	6340	SCHED	10/05/2020 13:00:30	8	99	291	295	065:24:19.80 N	096:38:11.99 W
Fall	LYG	6340	ARRIVAL	10/05/2020 13:02:31	2	0	159	262	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6340	XML_FLIGHT_SUMMARY	10/05/2020 13:02:32	0	0	0	0		
Fall	LYG	6341	DEPARTURE	10/05/2020 13:06:50	3	65	259	43	065:24:33.60 N	096:40:17.39 W
Fall	LYG	6341	SCHED	10/05/2020 13:08:56	9	97	404	171	065:22:10.20 N	096:37:09.59 W
Fall	LYG	6341	SCHED	10/05/2020 13:11:10	10	89	443	133	065:19:33.59 N	096:32:49.19 W
Fall	LYG	6341	SCHED	10/05/2020 13:13:21	11	98	391	144	065:17:01.80 N	096:27:21.60 W
Fall	LYG	6341	SCHED	10/05/2020 13:15:27	12	0	172	359	065:15:33.00 N	096:23:50.40 W
Fall	LYG	6341	SCHED	10/05/2020 13:17:32	13	84	378	320	065:16:46.80 N	096:25:49.79 W
Fall	LYG	6341	SCHED	10/05/2020 13:19:37	14	87	460	314	065:18:59.40 N	096:30:44.39 W
Fall	LYG	6341	SCHED	10/05/2020 13:21:42	15	88	493	335	065:21:27.00 N	096:34:53.99 W
Fall	LYG	6341	SCHED	10/05/2020 13:23:52	16	82	397	342	065:24:10.80 N	096:37:52.20 W
Fall	LYG	6341	SCHED	10/05/2020 13:26:02	17	0	194	326	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6341	SCHED	10/05/2020 13:28:08	18	89	388	166	065:23:19.80 N	096:37:46.79 W
Fall	LYG	6341	SCHED	10/05/2020 13:30:18	19	93	455	146	065:20:30.59 N	096:34:51.60 W
Fall	LYG	6341	SCHED	10/05/2020 13:32:30	20	88	475	133	065:18:08.40 N	096:29:49.79 W
Fall	LYG	6341	SCHED	10/05/2020 13:34:40	21	92	305	127	065:15:26.40 N	096:24:57.00 W
Fall	LYG	6341	SCHED	10/05/2020 13:36:51	22	54	207	328	065:15:40.80 N	096:24:01.79 W
Fall	LYG	6341	SCHED	10/05/2020 13:38:58	23	75	461	319	065:17:41.39 N	096:28:20.99 W
Fall	LYG	6341	SCHED	10/05/2020 13:41:03	24	81	469	323	065:19:46.19 N	096:32:51.60 W
Fall	LYG	6341	SCHED	10/05/2020 13:43:10	25	69	509	355	065:22:09.00 N	096:35:37.80 W
Fall	LYG	6341	SCHED	10/05/2020 13:45:20	26	88	378	284	065:24:24.60 N	096:38:12.60 W
Fall	LYG	6341	SCHED	10/05/2020 13:47:31	27	1	162	287	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6341	ARRIVAL	10/05/2020 13:48:19	3	0	159	360	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6341	XML_FLIGHT_SUMMARY	10/05/2020 13:48:20	0	0	0	0		
Fall	LYG	6341	SCHED	10/05/2020 13:55:43	28	95	492	148	065:20:56.40 N	096:35:45.00 W
Fall	LYG	6342	DEPARTURE	10/05/2020 13:55:49	4	57	252	38	065:24:32.40 N	096:40:22.19 W
Fall	LYG	6342	SCHED	10/05/2020 13:59:35	29	90	446	141	065:16:28.20 N	096:26:14.39 W
Fall	LYG	6342	SCHED	10/05/2020 14:01:44	30	1	160	210	065:15:36.59 N	096:23:59.39 W
Fall	LYG	6342	SCHED	10/05/2020 14:03:54	31	70	293	319	065:16:07.80 N	096:25:01.20 W
Fall	LYG	6342	SCHED	10/05/2020 14:06:04	32	81	413	321	065:18:08.99 N	096:29:25.80 W
Fall	LYG	6342	SCHED	10/05/2020 14:08:12	33	83	462	318	065:20:19.20 N	096:34:10.79 W
Fall	LYG	6342	SCHED	10/05/2020 14:10:18	34	74	468	349	065:22:45.60 N	096:37:25.80 W
Fall	LYG	6342	SCHED	10/05/2020 14:12:25	35	24	220	300	065:24:15.00 N	096:40:40.80 W
Fall	LYG	6342	SCHED	10/05/2020 14:14:32	36	101	375	151	065:23:41.99 N	096:37:41.40 W
Fall	LYG	6342	SCHED	10/05/2020 14:16:38	37	103	487	148	065:20:25.20 N	096:33:24.00 W
Fall	LYG	6342	SCHED	10/05/2020 14:18:44	38	104	446	140	065:17:34.20 N	096:28:30.60 W
Fall	LYG	6342	SCHED	10/05/2020 14:20:52	39	5	197	105	065:15:33.00 N	096:23:51.59 W
Fall	LYG	6342	SCHED	10/05/2020 14:23:07	40	77	380	319	065:16:53.39 N	096:26:08.39 W
Fall	LYG	6342	SCHED	10/05/2020 14:25:16	41	86	474	323	065:19:04.79 N	096:31:04.79 W
Fall	LYG	6342	SCHED	10/05/2020 14:27:22	42	84	462	328	065:21:35.99 N	096:34:53.99 W
Fall	LYG	6342	SCHED	10/05/2020 14:29:30	43	89	421	333	065:24:10.80 N	096:37:36.00 W
Fall	LYG	6342	SCHED	10/05/2020 14:31:42	44	0	176	152	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6342	ARRIVAL	10/05/2020 14:32:50	4	0	160	301	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6342	XML_FLIGHT_SUMMARY	10/05/2020 14:32:51	0	0	0	0		
Fall	LYG	6343	POWER_ON	10/05/2020 16:30:35	NA	NA	NA	NA		
Fall	LYG	6343	SCHED	10/05/2020 16:31:25	1	0	167	216	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6343	DEPARTURE	10/05/2020 16:32:20	1	87	196	38	065:24:39.59 N	096:40:11.99 W
Fall	LYG	6343	SCHED	10/05/2020 16:34:26	2	102	222	222	065:24:37.80 N	096:38:35.99 W
Fall	LYG	6343	ARRIVAL	10/05/2020 16:36:16	1	0	165	357	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6343	POWER_ON	10/05/2020 21:13:46	NA	NA	NA	NA		
Fall	LYG	6343	SCHED	10/05/2020 21:14:43	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6343	POWER_ON	10/05/2020 23:05:16	NA	NA	NA	NA		
Fall	LYG	6343	SCHED	10/05/2020 23:06:13	1	0	169	95	065:24:18.60 N	096:40:42.60 W
Fall	LYG	6343	DEPARTURE	10/05/2020 23:07:29	1	66	192	55	065:24:33.60 N	096:40:19.19 W
Fall	LYG	6343	SCHED	10/05/2020 23:09:37	2	113	432	146	065:21:47.99 N	096:34:53.40 W
Fall	LYG	6343	SCHED	10/05/2020 23:13:14	3	104	205	153	065:16:55.80 N	096:26:48.59 W
Fall	LYG	6343	SCHED	10/05/2020 23:15:25	4	0	137	66	065:15:31.79 N	096:23:53.40 W
Fall	LYG	6343	ARRIVAL	10/05/2020 23:15:34	1	0	135	66	065:15:31.79 N	096:23:53.40 W
Fall	LYG	6343	XML_FLIGHT_SUMMARY	10/05/2020 23:15:35	0	0	0	0		
Fall	LYG	6343	SCHED	10/05/2020 23:20:44	5	0	135	41	065:15:31.79 N	096:23:53.40 W
Fall	LYG	6344	DEPARTURE	10/05/2020 23:23:37	2	63	182	354	065:15:50.39 N	096:23:53.99 W
Fall	LYG	6344	SCHED	10/05/2020 23:25:51	6	99	300	323	065:18:24.59 N	096:27:38.40 W
Fall	LYG	6344	SCHED	10/05/2020 23:28:30	7	94	267	337	065:21:53.99 N	096:33:30.59 W
Fall	LYG	6344	SCHED	10/05/2020 23:30:36	8	97	266	274	065:24:47.39 N	096:37:22.19 W
Fall	LYG	6344	ARRIVAL	10/05/2020 23:32:43	2	0	159	306	065:24:18.60 N	096:40:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6344	XML_FLIGHT_SUMMARY	10/05/2020 23:32:44	0	0	0	0		
Fall	LYG	6345	POWER_ON	10/06/2020 12:38:07	NA	NA	NA	NA		
Fall	LYG	6345	SCHED	10/06/2020 12:38:56	1	0	168	360	065:24:19.80 N	096:40:49.79 W
Fall	LYG	6345	DEPARTURE	10/06/2020 12:44:00	1	57	220	35	065:24:35.40 N	096:40:18.60 W
Fall	LYG	6345	SCHED	10/06/2020 12:46:07	2	111	450	148	065:22:22.80 N	096:35:21.00 W
Fall	LYG	6345	SCHED	10/06/2020 12:48:32	3	116	475	149	065:19:10.79 N	096:30:04.19 W
Fall	LYG	6345	SCHED	10/06/2020 12:50:38	4	73	170	126	065:15:28.79 N	096:24:41.40 W
Fall	LYG	6345	ARRIVAL	10/06/2020 12:52:11	1	0	141	102	065:15:32.39 N	096:23:53.40 W
Fall	LYG	6345	XML_FLIGHT_SUMMARY	10/06/2020 12:52:12	0	0	0	0		
Fall	LYG	6345	SCHED	10/06/2020 12:57:20	5	0	139	102	065:15:32.39 N	096:23:53.40 W
Fall	LYG	6345	SCHED	10/06/2020 13:02:25	6	0	139	102	065:15:32.39 N	096:23:53.40 W
Fall	LYG	6346	DEPARTURE	10/06/2020 13:03:51	2	61	213	342	065:15:50.39 N	096:24:01.20 W
Fall	LYG	6346	SCHED	10/06/2020 13:05:59	7	98	450	318	065:18:18.59 N	096:29:36.59 W
Fall	LYG	6346	SCHED	10/06/2020 13:08:08	8	99	428	324	065:21:00.60 N	096:35:05.40 W
Fall	LYG	6346	SCHED	10/06/2020 13:10:14	9	86	286	306	065:24:10.80 N	096:38:52.19 W
Fall	LYG	6346	XML_FLIGHT_SUMMARY	10/06/2020 13:13:31	0	0	0	0		
Fall	LYG	6347	POWER_ON	10/06/2020 13:13:30	NA	NA	NA	NA		
Fall	LYG	6347	SCHED	10/06/2020 13:14:58	1	0	151	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6347	DEPARTURE	10/06/2020 13:18:25	1	49	285	37	065:24:34.19 N	096:40:21.00 W
Fall	LYG	6347	SCHED	10/06/2020 13:20:34	2	90	411	150	065:22:47.40 N	096:36:06.00 W
Fall	LYG	6347	SCHED	10/06/2020 13:22:39	3	86	484	137	065:20:17.39 N	096:31:31.79 W
Fall	LYG	6347	SCHED	10/06/2020 13:24:53	4	94	484	163	065:17:41.39 N	096:27:20.40 W
Fall	LYG	6347	SCHED	10/06/2020 13:27:02	5	19	277	53	065:15:30.00 N	096:24:04.19 W
Fall	LYG	6347	SCHED	10/06/2020 13:29:13	6	0	166	212	065:15:32.39 N	096:23:50.40 W
Fall	LYG	6347	SCHED	10/06/2020 13:31:24	7	74	360	300	065:16:08.40 N	096:25:00.60 W
Fall	LYG	6347	SCHED	10/06/2020 13:33:31	8	72	430	333	065:18:13.20 N	096:28:25.80 W
Fall	LYG	6347	SCHED	10/06/2020 13:35:40	9	70	417	325	065:20:22.19 N	096:31:52.19 W
Fall	LYG	6347	SCHED	10/06/2020 13:37:46	10	76	379	325	065:22:21.59 N	096:36:01.20 W
Fall	LYG	6347	SCHED	10/06/2020 13:40:00	11	51	344	298	065:24:15.59 N	096:39:40.20 W
Fall	LYG	6347	SCHED	10/06/2020 13:42:10	12	0	195	224	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6347	SCHED	10/06/2020 13:44:19	13	87	383	155	065:23:17.39 N	096:37:41.40 W
Fall	LYG	6347	SCHED	10/06/2020 13:46:24	14	94	418	149	065:20:35.39 N	096:33:16.79 W
Fall	LYG	6347	SCHED	10/06/2020 13:48:30	15	94	431	143	065:17:59.40 N	096:28:49.79 W
Fall	LYG	6347	SCHED	10/06/2020 13:50:38	16	62	343	95	065:15:23.40 N	096:24:33.60 W
Fall	LYG	6347	SCHED	10/06/2020 13:52:51	17	1	179	123	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6347	SCHED	10/06/2020 13:54:56	18	71	319	315	065:16:02.99 N	096:24:16.80 W
Fall	LYG	6347	SCHED	10/06/2020 13:57:01	19	82	434	320	065:18:07.80 N	096:28:23.99 W
Fall	LYG	6347	SCHED	10/06/2020 13:59:08	20	80	459	320	065:20:18.00 N	096:32:46.80 W
Fall	LYG	6347	SCHED	10/06/2020 14:01:17	21	82	452	328	065:22:31.19 N	096:36:57.60 W
Fall	LYG	6347	SCHED	10/06/2020 14:03:23	22	20	291	308	065:24:13.80 N	096:40:39.59 W
Fall	LYG	6347	SCHED	10/06/2020 14:05:30	23	0	161	241	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6347	ARRIVAL	10/06/2020 14:05:55	1	0	161	241	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6347	XML_FLIGHT_SUMMARY	10/06/2020 14:05:56	0	0	0	0		
Fall	LYG	6348	POWER_ON	10/06/2020 16:36:27	NA	NA	NA	NA		
Fall	LYG	6348	POWER_ON	10/06/2020 17:02:38	NA	NA	NA	NA		
Fall	LYG	6348	SCHED	10/06/2020 17:03:25	1	0	163	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6348	DEPARTURE	10/06/2020 17:06:24	1	72	218	38	065:24:35.99 N	096:40:15.60 W
Fall	LYG	6348	SCHED	10/06/2020 17:08:39	2	129	492	152	065:21:41.99 N	096:35:24.59 W
Fall	LYG	6348	SCHED	10/06/2020 17:10:46	3	130	416	147	065:17:56.99 N	096:28:15.60 W
Fall	LYG	6348	SCHED	10/06/2020 17:12:56	4	3	142	68	065:15:33.00 N	096:23:53.99 W
Fall	LYG	6348	ARRIVAL	10/06/2020 17:13:56	1	0	140	65	065:15:33.00 N	096:23:53.40 W
Fall	LYG	6348	XML_FLIGHT_SUMMARY	10/06/2020 17:13:57	0	0	0	0		
Fall	LYG	6349	POWER_ON	10/06/2020 17:36:30	NA	NA	NA	NA		
Fall	LYG	6349	SCHED	10/06/2020 17:37:19	1	0	145	155	065:15:33.00 N	096:23:53.40 W
Fall	LYG	6349	SCHED	10/06/2020 17:42:25	2	6	192	216	065:15:31.20 N	096:23:54.59 W
Fall	LYG	6349	SCHED	10/06/2020 17:47:32	3	0	171	2	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6349	DEPARTURE	10/06/2020 17:49:17	1	65	248	144	065:15:29.40 N	096:23:09.00 W
Fall	LYG	6349	SCHED	10/06/2020 17:51:25	4	1	166	30	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6349	SCHED	10/06/2020 17:53:34	5	7	184	199	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6349	SCHED	10/06/2020 17:55:45	6	3	177	233	065:15:33.00 N	096:23:51.59 W
Fall	LYG	6349	SCHED	10/06/2020 17:57:53	7	1	175	3	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6349	SCHED	10/06/2020 17:59:58	8	85	291	176	065:15:24.59 N	096:23:01.20 W
Fall	LYG	6349	SCHED	10/06/2020 18:02:04	9	0	169	255	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6349	SCHED	10/06/2020 18:04:09	10	67	286	173	065:15:28.79 N	096:24:36.60 W
Fall	LYG	6349	SCHED	10/06/2020 18:06:16	11	12	190	26	065:15:31.20 N	096:23:53.40 W
Fall	LYG	6349	SCHED	10/06/2020 18:08:21	12	16	256	32	065:15:26.99 N	096:23:59.39 W
Fall	LYG	6349	SCHED	10/06/2020 18:10:26	13	0	172	301	065:15:32.39 N	096:23:50.40 W
Fall	LYG	6349	SCHED	10/06/2020 18:12:33	14	5	193	26	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6349	SCHED	10/06/2020 18:16:28	15	71	301	240	065:15:39.00 N	096:24:31.19 W
Fall	LYG	6349	SCHED	10/06/2020 18:18:33	16	4	177	52	065:15:32.39 N	096:23:50.99 W
Fall	LYG	6349	SCHED	10/06/2020 18:20:43	17	38	219	272	065:15:40.80 N	096:24:04.79 W
Fall	LYG	6349	SCHED	10/06/2020 18:22:48	18	0	174	294	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6349	SCHED	10/06/2020 18:24:58	19	18	237	22	065:15:26.99 N	096:23:58.79 W
Fall	LYG	6349	SCHED	10/06/2020 18:27:03	20	0	176	51	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6349	SCHED	10/06/2020 18:29:09	21	10	248	24	065:15:28.20 N	096:23:57.00 W
Fall	LYG	6349	SCHED	10/06/2020 18:31:17	22	3	181	42	065:15:32.39 N	096:23:50.99 W
Fall	LYG	6349	SCHED	10/06/2020 18:33:30	23	7	233	9	065:15:28.79 N	096:23:55.79 W
Fall	LYG	6349	SCHED	10/06/2020 18:35:37	24	0	170	85	065:15:30.59 N	096:23:55.20 W
Fall	LYG	6349	SCHED	10/06/2020 18:37:43	25	25	241	59	065:15:25.20 N	096:24:11.39 W
Fall	LYG	6349	SCHED	10/06/2020 18:39:49	26	0	171	218	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6349	SCHED	10/06/2020 18:41:59	27	18	188	329	065:15:34.20 N	096:23:52.80 W
Fall	LYG	6349	SCHED	10/06/2020 18:44:11	28	7	182	39	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6349	SCHED	10/06/2020 18:46:25	29	2	176	329	065:15:30.59 N	096:23:55.20 W
Fall	LYG	6349	SCHED	10/06/2020 18:48:34	30	1	181	355	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6349	SCHED	10/06/2020 18:50:39	31	1	176	208	065:15:33.00 N	096:23:51.59 W
Fall	LYG	6349	SCHED	10/06/2020 18:52:51	32	0	179	101	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6349	SCHED	10/06/2020 18:55:04	33	1	177	233	065:15:30.59 N	096:23:56.40 W
Fall	LYG	6349	SCHED	10/06/2020 18:57:09	34	4	187	201	065:15:30.59 N	096:23:53.99 W
Fall	LYG	6349	SCHED	10/06/2020 18:59:15	35	1	182	237	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6349	SCHED	10/06/2020 19:01:26	36	0	174	171	065:15:32.39 N	096:23:51.59 W
Fall	LYG	6349	SCHED	10/06/2020 19:03:33	37	70	362	320	065:16:56.99 N	096:26:20.39 W
Fall	LYG	6349	SCHED	10/06/2020 19:05:39	38	75	349	325	065:18:57.60 N	096:29:58.80 W
Fall	LYG	6349	SCHED	10/06/2020 19:07:45	39	80	369	325	065:21:07.20 N	096:33:48.00 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6349	SCHED	10/06/2020 19:09:57	40	77	349	322	065:23:14.39 N	096:37:46.19 W
Fall	LYG	6349	SCHED	10/06/2020 19:12:04	41	2	196	126	065:24:16.80 N	096:40:41.99 W
Fall	LYG	6349	ARRIVAL	10/06/2020 19:13:39	1	0	158	299	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6349	XML_FLIGHT_SUMMARY	10/06/2020 19:13:40	0	0	0	0		
Fall	LYG	6350	POWER_ON	10/06/2020 19:22:20	NA	NA	NA	NA		
Fall	LYG	6350	SCHED	10/06/2020 19:23:09	1	0	162	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6350	DEPARTURE	10/06/2020 19:26:14	1	67	295	122	065:24:20.99 N	096:40:06.00 W
Fall	LYG	6350	SCHED	10/06/2020 19:28:33	2	108	413	137	065:21:29.39 N	096:33:49.79 W
Fall	LYG	6350	SCHED	10/06/2020 19:30:44	3	115	373	134	065:17:45.00 N	096:27:48.59 W
Fall	LYG	6350	SCHED	10/06/2020 19:32:52	4	5	197	9	065:15:32.39 N	096:23:50.99 W
Fall	LYG	6350	SCHED	10/06/2020 19:34:58	5	37	210	306	065:15:37.19 N	096:23:57.60 W
Fall	LYG	6350	SCHED	10/06/2020 19:37:06	6	4	181	20	065:15:32.39 N	096:23:50.99 W
Fall	LYG	6350	SCHED	10/06/2020 19:39:12	7	4	193	68	065:15:30.59 N	096:23:56.40 W
Fall	LYG	6350	SCHED	10/06/2020 19:41:25	8	10	187	191	065:15:29.40 N	096:23:58.79 W
Fall	LYG	6350	ARRIVAL	10/06/2020 19:43:11	1	0	134	40	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6350	XML_FLIGHT_SUMMARY	10/06/2020 19:43:12	0	0	0	0		
Fall	LYG	6351	POWER_ON	10/06/2020 20:01:55	NA	NA	NA	NA		
Fall	LYG	6351	SCHED	10/06/2020 20:02:54	1	0	135	0	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6351	DEPARTURE	10/06/2020 20:06:31	1	65	209	312	065:15:46.19 N	096:24:18.00 W
Fall	LYG	6351	SCHED	10/06/2020 20:08:39	2	96	362	317	065:20:30.00 N	096:32:19.79 W
Fall	LYG	6351	SCHED	10/06/2020 20:10:47	3	100	304	322	065:23:19.80 N	096:37:34.19 W
Fall	LYG	6351	SCHED	10/06/2020 20:12:57	4	0	158	267	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6351	ARRIVAL	10/06/2020 20:13:17	1	0	158	267	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6351	XML_FLIGHT_SUMMARY	10/06/2020 20:13:18	0	0	0	0		
Fall	LYG	6352	POWER_ON	10/06/2020 23:00:04	NA	NA	NA	NA		
Fall	LYG	6352	SCHED	10/06/2020 23:01:01	1	0	149	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6352	DEPARTURE	10/06/2020 23:01:43	1	88	222	106	065:24:18.00 N	096:39:47.99 W
Fall	LYG	6352	SCHED	10/06/2020 23:03:49	2	142	382	138	065:20:39.00 N	096:33:09.59 W
Fall	LYG	6352	SCHED	10/06/2020 23:06:02	3	144	289	152	065:16:40.20 N	096:26:11.39 W
Fall	LYG	6352	SCHED	10/06/2020 23:08:12	4	0	131	7	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6352	ARRIVAL	10/06/2020 23:08:51	1	0	133	7	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6352	XML_FLIGHT_SUMMARY	10/06/2020 23:08:52	0	0	0	0		
Fall	LYG	6352	SCHED	10/06/2020 23:14:00	5	0	133	7	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6352	SCHED	10/06/2020 23:19:06	6	0	135	7	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6353	DEPARTURE	10/06/2020 23:20:27	2	59	207	332	065:15:48.00 N	096:24:03.59 W
Fall	LYG	6353	SCHED	10/06/2020 23:22:33	7	97	281	320	065:18:18.00 N	096:28:58.80 W
Fall	LYG	6353	SCHED	10/06/2020 23:24:40	8	92	274	323	065:20:53.99 N	096:33:53.99 W
Fall	LYG	6353	SCHED	10/06/2020 23:26:49	9	95	270	325	065:23:35.99 N	096:38:36.60 W
Fall	LYG	6353	ARRIVAL	10/06/2020 23:28:48	2	0	159	304	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6353	XML_FLIGHT_SUMMARY	10/06/2020 23:28:49	0	0	0	0		
Fall	LYG	6354	POWER_ON	10/07/2020 12:32:47	NA	NA	NA	NA		
Fall	LYG	6354	SCHED	10/07/2020 12:36:04	1	0	161	27	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6354	DEPARTURE	10/07/2020 12:37:27	1	52	191	32	065:24:33.60 N	096:40:22.80 W
Fall	LYG	6354	SCHED	10/07/2020 12:39:32	2	140	352	155	065:21:42.60 N	096:35:24.00 W
Fall	LYG	6354	SCHED	10/07/2020 12:43:14	3	134	300	145	065:15:54.00 N	096:25:09.59 W
Fall	LYG	6354	ARRIVAL	10/07/2020 12:44:51	1	0	142	337	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6354	XML_FLIGHT_SUMMARY	10/07/2020 12:44:52	0	0	0	0		
Fall	LYG	6354	SCHED	10/07/2020 12:50:00	4	0	139	193	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6354	SCHED	10/07/2020 12:55:07	5	0	136	193	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6355	DEPARTURE	10/07/2020 12:57:47	2	52	190	334	065:15:46.19 N	096:24:11.39 W
Fall	LYG	6355	SCHED	10/07/2020 12:59:56	6	69	338	318	065:17:28.20 N	096:28:02.39 W
Fall	LYG	6355	SCHED	10/07/2020 13:02:04	7	67	418	320	065:19:18.59 N	096:31:48.00 W
Fall	LYG	6355	SCHED	10/07/2020 13:04:09	8	76	404	324	065:21:19.80 N	096:35:38.99 W
Fall	LYG	6355	SCHED	10/07/2020 13:06:16	9	74	329	330	065:23:26.99 N	096:38:58.79 W
Fall	LYG	6355	SCHED	10/07/2020 13:08:28	10	0	158	277	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6355	ARRIVAL	10/07/2020 13:08:44	2	0	156	277	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6355	XML_FLIGHT_SUMMARY	10/07/2020 13:08:45	0	0	0	0		
Fall	LYG	6356	DEPARTURE	10/07/2020 13:10:26	3	63	250	36	065:24:34.79 N	096:40:18.00 W
Fall	LYG	6356	SCHED	10/07/2020 13:12:32	11	143	407	136	065:21:21.00 N	096:33:37.80 W
Fall	LYG	6356	SCHED	10/07/2020 13:14:40	12	138	419	150	065:17:17.99 N	096:26:49.79 W
Fall	LYG	6356	SCHED	10/07/2020 13:17:39	13	1	169	93	065:15:30.59 N	096:23:55.20 W
Fall	LYG	6356	SCHED	10/07/2020 13:19:45	14	54	298	322	065:16:55.19 N	096:26:51.00 W
Fall	LYG	6356	SCHED	10/07/2020 13:21:51	15	54	393	322	065:18:19.20 N	096:29:45.00 W
Fall	LYG	6356	SCHED	10/07/2020 13:24:01	16	59	387	323	065:19:50.99 N	096:32:49.19 W
Fall	LYG	6356	SCHED	10/07/2020 13:26:20	17	58	379	325	065:21:31.80 N	096:35:40.20 W
Fall	LYG	6356	SCHED	10/07/2020 13:28:29	18	58	352	329	065:23:23.39 N	096:38:37.80 W
Fall	LYG	6356	SCHED	10/07/2020 13:30:34	19	2	196	340	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6356	SCHED	10/07/2020 13:32:40	20	1	157	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6356	ARRIVAL	10/07/2020 13:33:31	3	0	158	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6356	XML_FLIGHT_SUMMARY	10/07/2020 13:33:32	0	0	0	0		
Fall	LYG	6357	POWER_ON	10/07/2020 21:53:50	NA	NA	NA	NA		
Fall	LYG	6357	SCHED	10/07/2020 21:54:48	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6357	SCHED	10/07/2020 21:59:53	2	0	164	120	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6357	DEPARTURE	10/07/2020 22:00:41	1	61	213	33	065:24:32.99 N	096:40:16.80 W
Fall	LYG	6357	SCHED	10/07/2020 22:02:47	3	152	412	147	065:21:19.20 N	096:32:41.39 W
Fall	LYG	6357	SCHED	10/07/2020 22:04:52	4	152	340	149	065:16:50.39 N	096:25:46.20 W
Fall	LYG	6357	SCHED	10/07/2020 22:07:10	5	0	136	326	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6357	ARRIVAL	10/07/2020 22:07:20	1	0	135	326	065:15:29.40 N	096:23:57.60 W
Fall	LYG	6357	XML_FLIGHT_SUMMARY	10/07/2020 22:07:21	0	0	0	0		
Fall	LYG	6358	DEPARTURE	10/07/2020 22:08:28	2	64	190	326	065:15:48.00 N	096:24:10.20 W
Fall	LYG	6358	SCHED	10/07/2020 22:10:37	6	83	340	319	065:18:01.19 N	096:28:28.20 W
Fall	LYG	6358	SCHED	10/07/2020 22:12:42	7	81	328	322	065:20:22.19 N	096:33:01.19 W
Fall	LYG	6358	SCHED	10/07/2020 22:14:49	8	85	335	323	065:22:38.99 N	096:36:59.39 W
Fall	LYG	6358	SCHED	10/07/2020 22:16:57	9	10	171	335	065:24:18.00 N	096:40:39.59 W
Fall	LYG	6358	ARRIVAL	10/07/2020 22:18:13	2	0	164	268	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6358	XML_FLIGHT_SUMMARY	10/07/2020 22:18:14	0	0	0	0		
Fall	LYG	6358	SCHED	10/07/2020 22:23:18	10	0	163	345	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6359	POWER_ON	10/08/2020 12:40:42	NA	NA	NA	NA		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6359	SCHED	10/08/2020 12:43:43	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6359	SCHED	10/08/2020 12:45:49	2	0	160	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6359	SCHED	10/08/2020 12:47:55	3	130	301	158	065:23:10.80 N	096:35:48.60 W
Fall	LYG	6359	SCHED	10/08/2020 12:50:00	4	133	276	144	065:19:09.59 N	096:30:33.00 W
Fall	LYG	6359	SCHED	10/08/2020 12:52:09	5	110	206	163	065:15:31.79 N	096:24:31.79 W
Fall	LYG	6359	SCHED	10/08/2020 12:54:20	6	0	140	2	065:15:31.20 N	096:23:52.80 W
Fall	LYG	6359	SCHED	10/08/2020 12:56:30	7	0	136	2	065:15:31.20 N	096:23:52.80 W
Fall	LYG	6359	XML_FLIGHT_SUMMARY	10/08/2020 13:02:27	0	0	0	0		
Fall	LYG	6360	POWER_ON	10/08/2020 13:02:26	NA	NA	NA	NA		
Fall	LYG	6360	SCHED	10/08/2020 13:03:23	1	0	137	0	065:15:31.20 N	096:23:52.80 W
Fall	LYG	6360	SCHED	10/08/2020 13:08:29	2	3	175	281	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6360	DEPARTURE	10/08/2020 13:09:03	1	54	211	203	065:15:32.39 N	096:23:34.19 W
Fall	LYG	6360	SCHED	10/08/2020 13:11:09	3	16	183	50	065:15:37.79 N	096:23:47.99 W
Fall	LYG	6360	SCHED	10/08/2020 13:13:16	4	36	185	71	065:15:39.00 N	096:23:45.00 W
Fall	LYG	6360	SCHED	10/08/2020 13:15:22	5	1	171	302	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:17:33	6	9	186	13	065:15:33.59 N	096:23:50.99 W
Fall	LYG	6360	SCHED	10/08/2020 13:19:40	7	1	170	95	065:15:33.00 N	096:23:50.99 W
Fall	LYG	6360	SCHED	10/08/2020 13:21:52	8	1	170	204	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:23:57	9	2	177	5	065:15:33.00 N	096:23:50.40 W
Fall	LYG	6360	SCHED	10/08/2020 13:26:03	10	2	181	51	065:15:30.00 N	096:23:53.99 W
Fall	LYG	6360	SCHED	10/08/2020 13:28:10	11	0	172	201	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6360	SCHED	10/08/2020 13:30:21	12	4	184	34	065:15:36.59 N	096:23:48.60 W
Fall	LYG	6360	SCHED	10/08/2020 13:32:27	13	1	174	61	065:15:30.59 N	096:23:55.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:34:31	14	38	205	246	065:15:28.20 N	096:23:45.60 W
Fall	LYG	6360	SCHED	10/08/2020 13:36:51	15	6	187	5	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6360	SCHED	10/08/2020 13:38:57	16	0	172	201	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:41:03	17	47	238	269	065:15:23.40 N	096:23:52.19 W
Fall	LYG	6360	SCHED	10/08/2020 13:43:09	18	6	194	19	065:15:36.59 N	096:23:48.60 W
Fall	LYG	6360	SCHED	10/08/2020 13:45:19	19	0	169	120	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:47:34	20	70	241	219	065:15:19.79 N	096:23:32.40 W
Fall	LYG	6360	SCHED	10/08/2020 13:49:42	21	2	185	360	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:51:48	22	0	174	253	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6360	SCHED	10/08/2020 13:53:53	23	33	184	66	065:15:39.00 N	096:23:43.79 W
Fall	LYG	6360	SCHED	10/08/2020 13:56:00	24	5	189	342	065:15:36.59 N	096:23:48.60 W
Fall	LYG	6360	SCHED	10/08/2020 13:58:07	25	1	166	201	065:15:30.00 N	096:23:55.20 W
Fall	LYG	6360	SCHED	10/08/2020 14:00:13	26	13	205	326	065:15:28.79 N	096:23:55.79 W
Fall	LYG	6360	SCHED	10/08/2020 14:02:18	27	14	199	21	065:15:33.59 N	096:23:51.59 W
Fall	LYG	6360	SCHED	10/08/2020 14:04:28	28	1	169	133	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6360	SCHED	10/08/2020 14:06:37	29	47	188	205	065:15:29.40 N	096:23:41.40 W
Fall	LYG	6360	ARRIVAL	10/08/2020 14:08:29	1	0	130	84	065:15:28.20 N	096:24:05.40 W
Fall	LYG	6360	XML_FLIGHT_SUMMARY	10/08/2020 14:08:30	0	0	0	0		
Fall	LYG	6360	SCHED	10/08/2020 14:13:42	30	1	177	52	065:15:30.59 N	096:23:55.79 W
Fall	LYG	6360	SCHED	10/08/2020 14:18:47	31	67	188	173	065:15:32.39 N	096:23:40.20 W
Fall	LYG	6361	DEPARTURE	10/08/2020 14:19:02	2	32	199	325	065:15:27.60 N	096:23:55.20 W
Fall	LYG	6361	SCHED	10/08/2020 14:22:44	32	1	169	208	065:15:30.59 N	096:23:55.79 W
Fall	LYG	6361	SCHED	10/08/2020 14:24:50	33	0	178	153	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6361	SCHED	10/08/2020 14:27:04	34	8	186	15	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6361	SCHED	10/08/2020 14:29:10	35	55	205	173	065:15:35.40 N	096:23:41.99 W
Fall	LYG	6361	SCHED	10/08/2020 14:31:26	36	0	181	356	065:15:37.79 N	096:23:49.20 W
Fall	LYG	6361	SCHED	10/08/2020 14:33:42	37	11	178	31	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6361	SCHED	10/08/2020 14:35:51	38	64	308	318	065:16:23.99 N	096:25:41.99 W
Fall	LYG	6361	SCHED	10/08/2020 14:37:57	39	69	324	321	065:18:11.40 N	096:29:24.59 W
Fall	LYG	6361	SCHED	10/08/2020 14:40:03	40	68	321	322	065:20:04.20 N	096:32:46.19 W
Fall	LYG	6361	SCHED	10/08/2020 14:42:20	41	67	325	327	065:21:56.40 N	096:35:58.20 W
Fall	LYG	6361	SCHED	10/08/2020 14:44:29	42	63	314	331	065:24:04.20 N	096:39:10.80 W
Fall	LYG	6361	SCHED	10/08/2020 14:46:35	43	6	202	1	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6361	ARRIVAL	10/08/2020 14:48:45	2	0	166	275	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6361	XML_FLIGHT_SUMMARY	10/08/2020 14:48:46	0	0	0	0		
Fall	LYG	6362	POWER_ON	10/08/2020 14:57:28	NA	NA	NA	NA		
Fall	LYG	6362	SCHED	10/08/2020 14:59:44	1	68	264	88	065:24:22.80 N	096:40:18.60 W
Fall	LYG	6362	DEPARTURE	10/08/2020 14:59:57	1	83	289	94	065:24:22.80 N	096:39:54.00 W
Fall	LYG	6362	SCHED	10/08/2020 15:02:04	2	121	351	141	065:20:38.39 N	096:33:27.00 W
Fall	LYG	6362	SCHED	10/08/2020 15:04:11	3	127	359	164	065:17:13.20 N	096:27:21.60 W
Fall	LYG	6362	SCHED	10/08/2020 15:06:23	4	1	178	158	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:08:37	5	13	192	349	065:15:29.40 N	096:23:55.79 W
Fall	LYG	6362	SCHED	10/08/2020 15:10:51	6	1	172	15	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:13:03	7	8	184	357	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6362	SCHED	10/08/2020 15:15:11	8	1	167	201	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:17:16	9	1	170	141	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6362	SCHED	10/08/2020 15:19:22	10	4	176	358	065:15:30.00 N	096:23:55.79 W
Fall	LYG	6362	SCHED	10/08/2020 15:21:31	11	0	171	323	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:23:38	12	13	206	19	065:15:34.20 N	096:23:52.19 W
Fall	LYG	6362	SCHED	10/08/2020 15:25:55	13	0	172	273	065:15:30.59 N	096:23:55.79 W
Fall	LYG	6362	SCHED	10/08/2020 15:28:10	14	2	173	29	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:30:18	15	15	204	20	065:15:34.20 N	096:23:52.80 W
Fall	LYG	6362	SCHED	10/08/2020 15:32:23	16	0	174	187	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6362	SCHED	10/08/2020 15:34:28	17	8	186	360	065:15:30.00 N	096:23:56.40 W
Fall	LYG	6362	SCHED	10/08/2020 15:36:37	18	1	175	117	065:15:30.59 N	096:23:55.79 W
Fall	LYG	6362	SCHED	10/08/2020 15:38:48	19	0	176	312	065:15:30.59 N	096:23:54.59 W
Fall	LYG	6362	SCHED	10/08/2020 15:40:57	20	1	178	85	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6362	SCHED	10/08/2020 15:43:07	21	34	210	49	065:15:45.00 N	096:23:43.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:45:16	22	1	181	245	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:47:27	23	109	307	206	065:15:19.79 N	096:23:01.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:52:46	24	3	170	289	065:15:36.00 N	096:24:00.00 W
Fall	LYG	6362	SCHED	10/08/2020 15:54:55	25	2	166	21	065:15:36.59 N	096:23:59.39 W
Fall	LYG	6362	SCHED	10/08/2020 15:57:06	26	0	167	68	065:15:36.59 N	096:24:01.20 W
Fall	LYG	6362	SCHED	10/08/2020 15:59:14	27	2	152	173	065:15:36.59 N	096:23:48.60 W
Fall	LYG	6362	ARRIVAL	10/08/2020 16:00:26	1	0	137	329	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6362	XML_FLIGHT_SUMMARY	10/08/2020 16:00:27	0	0	0	0		
Fall	LYG	6362	SCHED	10/08/2020 16:05:34	28	0	138	329	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6363	POWER_ON	10/08/2020 16:37:46	NA	NA	NA	NA		
Fall	LYG	6363	SCHED	10/08/2020 16:38:40	1	0	140	15	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6363	DEPARTURE	10/08/2020 16:40:34	1	65	215	326	065:15:51.60 N	096:24:15.00 W
Fall	LYG	6363	SCHED	10/08/2020 16:42:53	2	90	411	321	065:18:07.80 N	096:28:46.79 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6363	SCHED	10/08/2020 16:45:09	3	91	391	345	065:21:00.60 N	096:33:37.19 W
Fall	LYG	6363	SCHED	10/08/2020 16:47:15	4	99	295	322	065:23:50.40 N	096:39:00.60 W
Fall	LYG	6363	ARRIVAL	10/08/2020 16:49:21	1	0	164	294	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6363	XML_FLIGHT_SUMMARY	10/08/2020 16:49:22	0	0	0	0		
Fall	LYG	6364	POWER_ON	10/08/2020 18:39:42	NA	NA	NA	NA		
Fall	LYG	6364	SCHED	10/08/2020 18:40:31	1	0	162	48	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6364	DEPARTURE	10/08/2020 18:44:56	1	56	278	38	065:24:31.80 N	096:40:13.20 W
Fall	LYG	6364	SCHED	10/08/2020 18:47:05	2	111	379	140	065:21:49.79 N	096:35:25.20 W
Fall	LYG	6364	SCHED	10/08/2020 18:49:27	3	114	383	139	065:18:42.60 N	096:29:17.39 W
Fall	LYG	6364	SCHED	10/08/2020 18:51:36	4	52	317	52	065:15:23.40 N	096:24:11.99 W
Fall	LYG	6364	SCHED	10/08/2020 18:53:41	5	1	180	20	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6364	SCHED	10/08/2020 18:55:49	6	1	173	5	065:15:37.79 N	096:23:48.60 W
Fall	LYG	6364	SCHED	10/08/2020 18:58:05	7	82	393	322	065:17:18.59 N	096:27:03.00 W
Fall	LYG	6364	SCHED	10/08/2020 19:00:15	8	81	417	321	065:19:42.60 N	096:31:43.20 W
Fall	LYG	6364	SCHED	10/08/2020 19:02:20	9	84	413	322	065:22:01.79 N	096:35:56.40 W
Fall	LYG	6364	SCHED	10/08/2020 19:04:39	10	60	317	294	065:24:15.59 N	096:39:47.99 W
Fall	LYG	6364	SCHED	10/08/2020 19:06:45	11	48	258	31	065:24:27.60 N	096:40:25.20 W
Fall	LYG	6364	SCHED	10/08/2020 19:08:50	12	108	340	144	065:22:15.59 N	096:35:30.59 W
Fall	LYG	6364	SCHED	10/08/2020 19:11:03	13	105	376	140	065:19:14.40 N	096:30:19.79 W
Fall	LYG	6364	SCHED	10/08/2020 19:13:11	14	112	367	168	065:15:51.60 N	096:25:17.39 W
Fall	LYG	6364	SCHED	10/08/2020 19:15:16	15	1	167	304	065:15:36.59 N	096:24:01.20 W
Fall	LYG	6364	SCHED	10/08/2020 19:17:23	16	1	167	169	065:15:36.59 N	096:24:01.20 W
Fall	LYG	6364	SCHED	10/08/2020 19:19:30	17	55	321	318	065:16:00.00 N	096:24:28.80 W
Fall	LYG	6364	SCHED	10/08/2020 19:21:35	18	75	357	318	065:17:52.19 N	096:27:37.80 W
Fall	LYG	6364	SCHED	10/08/2020 19:23:41	19	74	356	316	065:19:53.40 N	096:31:31.20 W
Fall	LYG	6364	SCHED	10/08/2020 19:26:38	20	79	345	322	065:22:25.20 N	096:36:31.19 W
Fall	LYG	6364	SCHED	10/08/2020 19:28:48	21	21	251	305	065:24:14.39 N	096:40:38.40 W
Fall	LYG	6364	SCHED	10/08/2020 19:30:57	22	94	307	135	065:24:11.39 N	096:39:16.80 W
Fall	LYG	6364	SCHED	10/08/2020 19:34:38	23	108	409	138	065:19:34.19 N	096:31:04.19 W
Fall	LYG	6364	SCHED	10/08/2020 19:36:43	24	94	337	155	065:15:36.00 N	096:24:54.00 W
Fall	LYG	6364	SCHED	10/08/2020 19:42:03	25	79	376	317	065:17:48.60 N	096:27:51.59 W
Fall	LYG	6364	SCHED	10/08/2020 19:44:10	26	76	377	322	065:19:58.80 N	096:32:31.79 W
Fall	LYG	6364	SCHED	10/08/2020 19:46:20	27	75	355	322	065:22:01.20 N	096:36:48.00 W
Fall	LYG	6364	SCHED	10/08/2020 19:48:28	28	57	317	324	065:24:13.80 N	096:39:34.79 W
Fall	LYG	6364	SCHED	10/08/2020 19:50:40	29	2	162	126	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6364	ARRIVAL	10/08/2020 19:51:25	1	0	160	271	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6364	XML_FLIGHT_SUMMARY	10/08/2020 19:51:26	0	0	0	0		
Fall	LYG	6365	DEPARTURE	10/08/2020 19:55:44	2	73	287	102	065:24:21.60 N	096:39:54.59 W
Fall	LYG	6365	SCHED	10/08/2020 19:57:51	30	102	413	146	065:21:45.60 N	096:34:34.19 W
Fall	LYG	6365	SCHED	10/08/2020 20:00:01	31	105	388	139	065:18:43.80 N	096:29:30.00 W
Fall	LYG	6365	SCHED	10/08/2020 20:02:08	32	80	318	124	065:15:38.39 N	096:24:28.19 W
Fall	LYG	6365	SCHED	10/08/2020 20:04:14	33	0	171	49	065:15:37.79 N	096:23:48.60 W
Fall	LYG	6365	SCHED	10/08/2020 20:06:26	34	3	183	0	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6365	SCHED	10/08/2020 20:08:32	35	74	299	316	065:16:42.59 N	096:26:15.00 W
Fall	LYG	6365	SCHED	10/08/2020 20:10:43	36	73	325	317	065:18:40.20 N	096:30:06.60 W
Fall	LYG	6365	SCHED	10/08/2020 20:13:01	37	74	330	323	065:20:45.60 N	096:34:01.19 W
Fall	LYG	6365	SCHED	10/08/2020 20:15:08	38	69	323	330	065:22:59.40 N	096:38:10.20 W
Fall	LYG	6365	SCHED	10/08/2020 20:17:18	39	4	237	319	065:24:15.00 N	096:40:37.20 W
Fall	LYG	6365	SCHED	10/08/2020 20:19:23	40	6	199	348	065:24:17.39 N	096:40:39.59 W
Fall	LYG	6365	ARRIVAL	10/08/2020 20:22:22	2	0	158	218	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6365	XML_FLIGHT_SUMMARY	10/08/2020 20:22:23	0	0	0	0		
Fall	LYG	6366	POWER_ON	10/08/2020 22:52:02	NA	NA	NA	NA		
Fall	LYG	6366	SCHED	10/08/2020 22:54:17	1	0	151	0	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6366	SCHED	10/08/2020 22:54:31	1	0	156	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6366	DEPARTURE	10/08/2020 22:56:00	1	64	220	32	065:24:33.60 N	096:40:13.80 W
Fall	LYG	6366	SCHED	10/08/2020 22:58:06	2	131	390	150	065:21:06.59 N	096:34:45.00 W
Fall	LYG	6366	SCHED	10/08/2020 23:00:17	3	131	392	143	065:17:42.00 N	096:27:51.00 W
Fall	LYG	6366	SCHED	10/08/2020 23:02:26	4	0	142	19	065:15:36.59 N	096:23:49.20 W
Fall	LYG	6366	ARRIVAL	10/08/2020 23:03:10	1	0	136	19	065:15:36.59 N	096:23:49.20 W
Fall	LYG	6366	XML_FLIGHT_SUMMARY	10/08/2020 23:03:11	0	0	0	0		
Fall	LYG	6366	SCHED	10/08/2020 23:08:21	5	0	136	19	065:15:36.59 N	096:23:49.20 W
Fall	LYG	6367	DEPARTURE	10/08/2020 23:11:11	2	80	175	335	065:15:55.20 N	096:23:39.59 W
Fall	LYG	6367	SCHED	10/08/2020 23:13:23	6	103	406	321	065:18:18.59 N	096:29:01.80 W
Fall	LYG	6367	SCHED	10/08/2020 23:15:34	7	99	345	323	065:21:09.59 N	096:34:37.19 W
Fall	LYG	6367	SCHED	10/08/2020 23:17:43	8	83	272	329	065:24:06.59 N	096:39:30.00 W
Fall	LYG	6367	ARRIVAL	10/08/2020 23:19:22	2	0	159	261	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6367	XML_FLIGHT_SUMMARY	10/08/2020 23:19:23	0	0	0	0		
Fall	LYG	6368	POWER_ON	10/09/2020 12:44:27	NA	NA	NA	NA		
Fall	LYG	6368	SCHED	10/09/2020 12:45:14	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6368	DEPARTURE	10/09/2020 12:48:42	1	63	192	38	065:24:33.60 N	096:40:17.39 W
Fall	LYG	6368	SCHED	10/09/2020 12:50:55	2	115	347	144	065:21:43.19 N	096:35:07.80 W
Fall	LYG	6368	SCHED	10/09/2020 12:53:02	3	113	331	142	065:18:16.79 N	096:29:04.79 W
Fall	LYG	6368	SCHED	10/09/2020 12:55:13	4	37	149	16	065:15:31.79 N	096:23:50.99 W
Fall	LYG	6368	ARRIVAL	10/09/2020 12:56:20	1	0	136	79	065:15:36.00 N	096:23:49.20 W
Fall	LYG	6368	XML_FLIGHT_SUMMARY	10/09/2020 12:56:21	0	0	0	0		
Fall	LYG	6369	DEPARTURE	10/09/2020 13:00:47	2	71	208	318	065:15:52.19 N	096:24:20.40 W
Fall	LYG	6369	SCHED	10/09/2020 13:02:52	5	105	344	320	065:18:25.20 N	096:29:43.20 W
Fall	LYG	6369	SCHED	10/09/2020 13:05:06	6	103	341	323	065:21:15.59 N	096:35:18.00 W
Fall	LYG	6369	SCHED	10/09/2020 13:07:12	7	70	244	270	065:24:15.59 N	096:40:06.00 W
Fall	LYG	6369	ARRIVAL	10/09/2020 13:08:36	2	0	158	293	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6369	XML_FLIGHT_SUMMARY	10/09/2020 13:08:37	0	0	0	0		
Fall	LYG	6370	DEPARTURE	10/09/2020 13:12:20	3	60	257	30	065:24:32.40 N	096:40:20.39 W
Fall	LYG	6370	SCHED	10/09/2020 13:14:32	8	96	344	141	065:22:13.20 N	096:35:21.59 W
Fall	LYG	6370	SCHED	10/09/2020 13:16:41	9	95	353	144	065:19:25.80 N	096:30:18.60 W
Fall	LYG	6370	SCHED	10/09/2020 13:18:47	10	100	334	152	065:16:28.20 N	096:25:49.20 W
Fall	LYG	6370	SCHED	10/09/2020 13:20:53	11	1	170	9	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6370	SCHED	10/09/2020 13:23:09	12	0	159	200	065:15:36.59 N	096:24:00.60 W
Fall	LYG	6370	SCHED	10/09/2020 13:25:20	13	11	186	89	065:15:36.59 N	096:23:57.00 W
Fall	LYG	6370	SCHED	10/09/2020 13:27:30	14	80	333	328	065:16:32.39 N	096:24:41.40 W
Fall	LYG	6370	SCHED	10/09/2020 13:29:38	15	87	361	320	065:18:54.60 N	096:29:10.80 W
Fall	LYG	6370	SCHED	10/09/2020 13:31:46	16	91	350	316	065:21:09.00 N	096:34:23.40 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6370	SCHED	10/09/2020 13:33:56	17	84	319	333	065:23:34.79 N	096:38:54.59 W
Fall	LYG	6370	SCHED	10/09/2020 13:36:02	18	1	195	205	065:24:16.80 N	096:40:40.80 W
Fall	LYG	6370	SCHED	10/09/2020 13:38:08	19	0	159	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6370	ARRIVAL	10/09/2020 13:38:30	3	0	159	317	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6370	XML_FLIGHT_SUMMARY	10/09/2020 13:38:31	0	0	0	0		
Fall	LYG	6371	POWER_ON	10/09/2020 16:32:41	NA	NA	NA	NA		
Fall	LYG	6371	SCHED	10/09/2020 16:33:40	1	0	163	0	065:24:18.00 N	096:40:40.80 W
Fall	LYG	6371	DEPARTURE	10/09/2020 16:35:03	1	61	216	37	065:24:33.60 N	096:40:16.19 W
Fall	LYG	6371	SCHED	10/09/2020 16:37:15	2	122	419	139	065:21:19.20 N	096:34:49.19 W
Fall	LYG	6371	SCHED	10/09/2020 16:39:21	3	125	410	138	065:17:49.79 N	096:28:08.39 W
Fall	LYG	6371	SCHED	10/09/2020 16:41:28	4	0	140	3	065:15:36.00 N	096:23:48.60 W
Fall	LYG	6371	ARRIVAL	10/09/2020 16:42:08	1	0	139	3	065:15:36.00 N	096:23:48.60 W
Fall	LYG	6371	XML_FLIGHT_SUMMARY	10/09/2020 16:42:09	0	0	0	0		
Fall	LYG	6372	POWER_ON	10/09/2020 17:30:29	NA	NA	NA	NA		
Fall	LYG	6372	SCHED	10/09/2020 17:31:24	1	0	136	358	065:15:36.00 N	096:23:48.60 W
Fall	LYG	6372	DEPARTURE	10/09/2020 17:31:59	1	74	190	333	065:15:54.00 N	096:23:43.20 W
Fall	LYG	6372	SCHED	10/09/2020 17:34:50	2	109	423	321	065:19:24.00 N	096:30:37.79 W
Fall	LYG	6372	SCHED	10/09/2020 17:36:56	3	112	415	321	065:22:45.60 N	096:36:58.20 W
Fall	LYG	6372	SCHED	10/09/2020 17:39:02	4	0	159	316	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6372	ARRIVAL	10/09/2020 17:39:36	1	0	158	316	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6372	XML_FLIGHT_SUMMARY	10/09/2020 17:39:37	0	0	0	0		
Fall	LYG	6373	POWER_ON	10/09/2020 19:06:03	NA	NA	NA	NA		
Fall	LYG	6373	SCHED	10/09/2020 19:06:59	1	0	161	347	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6373	DEPARTURE	10/09/2020 19:07:28	1	71	237	49	065:24:34.79 N	096:40:13.20 W
Fall	LYG	6373	SCHED	10/09/2020 19:09:43	2	122	414	139	065:21:12.60 N	096:34:42.60 W
Fall	LYG	6373	SCHED	10/09/2020 19:11:50	3	124	414	142	065:17:51.60 N	096:27:47.39 W
Fall	LYG	6373	SCHED	10/09/2020 19:13:55	4	0	136	39	065:15:29.40 N	096:23:56.40 W
Fall	LYG	6373	ARRIVAL	10/09/2020 19:14:46	1	0	135	310	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6373	XML_FLIGHT_SUMMARY	10/09/2020 19:14:47	0	0	0	0		
Fall	LYG	6373	SCHED	10/09/2020 19:19:59	5	0	137	340	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6374	POWER_ON	10/09/2020 19:48:17	NA	NA	NA	NA		
Fall	LYG	6374	SCHED	10/09/2020 19:49:05	1	0	137	9	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6374	DEPARTURE	10/09/2020 19:51:40	1	34	180	343	065:15:51.60 N	096:24:06.00 W
Fall	LYG	6374	SCHED	10/09/2020 19:53:53	2	20	169	305	065:16:50.39 N	096:23:41.40 W
Fall	LYG	6374	ARRIVAL	10/09/2020 19:55:32	1	0	166	327	065:16:51.60 N	096:23:46.79 W
Fall	LYG	6374	DEPARTURE	10/09/2020 19:56:07	2	40	195	236	065:16:46.19 N	096:23:33.00 W
Fall	LYG	6374	SCHED	10/09/2020 19:58:13	3	0	136	304	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6374	ARRIVAL	10/09/2020 19:59:00	2	0	135	304	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6374	SCHED	10/09/2020 20:04:05	4	21	200	346	065:15:33.00 N	096:23:57.00 W
Fall	LYG	6374	DEPARTURE	10/09/2020 20:04:31	3	44	257	355	065:15:47.39 N	096:24:01.20 W
Fall	LYG	6374	SCHED	10/09/2020 20:06:40	5	12	224	65	065:16:49.19 N	096:23:46.20 W
Fall	LYG	6374	SCHED	10/09/2020 20:08:52	6	35	207	83	065:16:49.80 N	096:23:28.19 W
Fall	LYG	6374	SCHED	10/09/2020 20:10:57	7	0	168	354	065:15:30.59 N	096:23:55.79 W
Fall	LYG	6374	SCHED	10/09/2020 20:13:03	8	41	260	33	065:16:45.00 N	096:23:51.59 W
Fall	LYG	6374	SCHED	10/09/2020 20:15:09	9	51	205	104	065:15:25.79 N	096:24:06.59 W
Fall	LYG	6374	SCHED	10/09/2020 20:17:17	10	61	252	11	065:16:36.59 N	096:23:49.79 W
Fall	LYG	6374	SCHED	10/09/2020 20:19:30	11	89	238	192	065:15:35.40 N	096:24:25.80 W
Fall	LYG	6374	SCHED	10/09/2020 20:21:45	12	51	257	2	065:16:04.19 N	096:23:55.20 W
Fall	LYG	6374	SCHED	10/09/2020 20:23:51	13	1	198	39	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6374	SCHED	10/09/2020 20:26:06	14	14	187	327	065:15:30.59 N	096:23:57.00 W
Fall	LYG	6374	SCHED	10/09/2020 20:28:11	15	0	197	329	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6374	SCHED	10/09/2020 20:30:34	16	12	200	31	065:15:29.40 N	096:23:56.40 W
Fall	LYG	6374	SCHED	10/09/2020 20:32:41	17	6	231	46	065:16:50.39 N	096:23:40.80 W
Fall	LYG	6374	SCHED	10/09/2020 20:34:49	18	10	189	39	065:15:29.40 N	096:23:57.00 W
Fall	LYG	6374	SCHED	10/09/2020 20:36:54	19	42	260	15	065:16:45.59 N	096:23:47.39 W
Fall	LYG	6374	SCHED	10/09/2020 20:39:02	20	44	192	91	065:15:26.99 N	096:24:04.79 W
Fall	LYG	6374	ARRIVAL	10/09/2020 20:40:38	3	0	137	333	065:15:30.59 N	096:23:55.20 W
Fall	LYG	6374	XML_FLIGHT_SUMMARY	10/09/2020 20:40:39	0	0	0	0		
Fall	LYG	6375	DEPARTURE	10/09/2020 20:45:19	4	60	181	350	065:15:48.00 N	096:24:09.59 W
Fall	LYG	6375	SCHED	10/09/2020 20:47:25	21	4	169	280	065:16:50.99 N	096:23:43.79 W
Fall	LYG	6375	ARRIVAL	10/09/2020 20:48:49	4	0	166	341	065:16:52.19 N	096:23:46.20 W
Fall	LYG	6375	DEPARTURE	10/09/2020 20:49:31	5	90	191	188	065:16:31.19 N	096:24:08.39 W
Fall	LYG	6375	SCHED	10/09/2020 20:51:37	22	1	145	213	065:15:32.39 N	096:23:52.19 W
Fall	LYG	6375	SCHED	10/09/2020 20:53:51	23	6	142	93	065:15:29.40 N	096:23:54.59 W
Fall	LYG	6375	ARRIVAL	10/09/2020 20:55:50	5	0	138	290	065:15:31.20 N	096:23:52.80 W
Fall	LYG	6375	POWER_ON	10/09/2020 21:09:45	NA	NA	NA	NA		
Fall	LYG	6375	SCHED	10/09/2020 21:10:41	1	0	141	0	065:15:31.20 N	096:23:52.80 W
Fall	LYG	6375	DEPARTURE	10/09/2020 21:12:24	1	54	172	345	065:15:48.00 N	096:24:00.60 W
Fall	LYG	6375	ARRIVAL	10/09/2020 21:14:28	1	0	167	9	065:16:51.60 N	096:23:43.79 W
Fall	LYG	6375	DEPARTURE	10/09/2020 21:15:54	2	89	180	178	065:16:28.79 N	096:23:41.40 W
Fall	LYG	6375	ARRIVAL	10/09/2020 21:17:36	2	0	136	302	065:15:36.00 N	096:23:47.99 W
Fall	LYG	6375	SCHED	10/09/2020 21:22:50	2	0	180	60	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6375	DEPARTURE	10/09/2020 21:25:24	3	60	233	96	065:15:48.59 N	096:23:45.00 W
Fall	LYG	6375	SCHED	10/09/2020 21:27:33	3	0	174	35	065:15:36.59 N	096:23:49.20 W
Fall	LYG	6375	SCHED	10/09/2020 21:29:39	4	104	303	322	065:17:37.80 N	096:28:17.39 W
Fall	LYG	6375	SCHED	10/09/2020 21:31:45	5	106	327	324	065:20:29.39 N	096:33:32.39 W
Fall	LYG	6375	SCHED	10/09/2020 21:33:51	6	107	334	328	065:23:25.80 N	096:38:42.60 W
Fall	LYG	6375	SCHED	10/09/2020 21:35:56	7	0	162	282	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6375	ARRIVAL	10/09/2020 21:36:22	3	0	163	282	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6375	XML_FLIGHT_SUMMARY	10/09/2020 21:36:23	0	0	0	0		
Fall	LYG	6376	DEPARTURE	10/09/2020 21:40:23	4	53	271	44	065:24:31.80 N	096:40:17.39 W
Fall	LYG	6376	SCHED	10/09/2020 21:42:28	8	63	390	142	065:23:04.79 N	096:36:49.19 W
Fall	LYG	6376	SCHED	10/09/2020 21:44:34	9	63	463	142	065:21:19.80 N	096:33:42.60 W
Fall	LYG	6376	SCHED	10/09/2020 21:46:39	10	64	449	135	065:19:24.00 N	096:31:07.80 W
Fall	LYG	6376	SCHED	10/09/2020 21:48:51	11	60	437	143	065:17:41.39 N	096:27:49.79 W
Fall	LYG	6376	SCHED	10/09/2020 21:51:03	12	61	371	152	065:15:48.00 N	096:24:44.39 W
Fall	LYG	6376	SCHED	10/09/2020 21:53:08	13	1	175	196	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6376	SCHED	10/09/2020 21:55:30	14	0	180	11	065:15:36.59 N	096:23:48.60 W
Fall	LYG	6376	SCHED	10/09/2020 21:57:40	15	1	172	14	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6376	ARRIVAL	10/09/2020 21:59:06	4	0	137	355	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6376	XML_FLIGHT_SUMMARY	10/09/2020 21:59:07	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6377	DEPARTURE	10/09/2020 22:00:57	5	72	204	325	065:15:54.60 N	096:24:05.40 W
Fall	LYG	6377	SCHED	10/09/2020 22:03:10	16	107	397	321	065:18:34.80 N	096:29:27.60 W
Fall	LYG	6377	SCHED	10/09/2020 22:05:20	17	112	442	322	065:21:39.60 N	096:35:20.40 W
Fall	LYG	6377	SCHED	10/09/2020 22:07:34	18	37	200	268	065:24:15.59 N	096:40:33.00 W
Fall	LYG	6377	ARRIVAL	10/09/2020 22:08:45	5	0	163	298	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6377	XML_FLIGHT_SUMMARY	10/09/2020 22:08:46	0	0	0	0		
Fall	LYG	6378	POWER_ON	10/09/2020 22:55:47	NA	NA	NA	NA		
Fall	LYG	6378	DEPARTURE	10/09/2020 22:57:58	1	86	222	112	065:24:21.60 N	096:39:53.40 W
Fall	LYG	6378	SCHED	10/09/2020 22:58:07	1	107	343	148	065:23:35.40 N	096:38:38.40 W
Fall	LYG	6378	SCHED	10/09/2020 23:00:25	2	124	423	142	065:20:13.79 N	096:32:19.79 W
Fall	LYG	6378	SCHED	10/09/2020 23:02:35	3	115	332	149	065:16:31.79 N	096:25:24.59 W
Fall	LYG	6378	SCHED	10/09/2020 23:04:41	4	0	137	316	065:15:36.00 N	096:23:47.99 W
Fall	LYG	6378	ARRIVAL	10/09/2020 23:04:46	1	0	137	316	065:15:36.00 N	096:23:47.99 W
Fall	LYG	6378	XML_FLIGHT_SUMMARY	10/09/2020 23:04:47	0	0	0	0		
Fall	LYG	6378	SCHED	10/09/2020 23:09:57	5	0	136	316	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6379	DEPARTURE	10/09/2020 23:14:55	2	80	195	318	065:15:54.00 N	096:24:02.39 W
Fall	LYG	6379	SCHED	10/09/2020 23:17:53	6	109	358	322	065:19:16.79 N	096:31:11.40 W
Fall	LYG	6379	SCHED	10/09/2020 23:20:00	7	110	312	327	065:22:50.99 N	096:37:46.19 W
Fall	LYG	6379	SCHED	10/09/2020 23:22:05	8	0	158	308	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6379	ARRIVAL	10/09/2020 23:22:21	2	0	158	308	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6379	XML_FLIGHT_SUMMARY	10/09/2020 23:22:22	0	0	0	0		
Fall	LYG	6380	POWER_ON	10/10/2020 12:47:28	NA	NA	NA	NA		
Fall	LYG	6380	SCHED	10/10/2020 12:48:20	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6380	DEPARTURE	10/10/2020 12:51:53	1	72	217	36	065:24:34.19 N	096:40:14.39 W
Fall	LYG	6380	SCHED	10/10/2020 12:53:58	2	116	540	141	065:22:13.20 N	096:35:23.39 W
Fall	LYG	6380	SCHED	10/10/2020 12:56:04	3	121	446	138	065:18:58.19 N	096:29:00.60 W
Fall	LYG	6380	SCHED	10/10/2020 12:58:11	4	56	169	100	065:15:31.20 N	096:23:58.20 W
Fall	LYG	6380	ARRIVAL	10/10/2020 12:59:38	1	0	138	107	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6380	XML_FLIGHT_SUMMARY	10/10/2020 12:59:39	0	0	0	0		
Fall	LYG	6381	DEPARTURE	10/10/2020 13:03:08	2	70	171	330	065:15:54.60 N	096:23:48.60 W
Fall	LYG	6381	SCHED	10/10/2020 13:05:22	5	107	468	319	065:18:34.80 N	096:29:17.39 W
Fall	LYG	6381	SCHED	10/10/2020 13:07:28	6	113	417	324	065:21:46.19 N	096:35:23.39 W
Fall	LYG	6381	SCHED	10/10/2020 13:09:36	7	25	184	304	065:24:15.59 N	096:40:36.59 W
Fall	LYG	6381	ARRIVAL	10/10/2020 13:10:46	2	0	160	280	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6381	XML_FLIGHT_SUMMARY	10/10/2020 13:10:47	0	0	0	0		
Fall	LYG	6382	POWER_ON	10/10/2020 13:21:59	NA	NA	NA	NA		
Fall	LYG	6382	SCHED	10/10/2020 13:25:26	1	117	432	141	065:21:46.79 N	096:35:22.80 W
Fall	LYG	6382	DEPARTURE	10/10/2020 13:25:34	1	81	243	108	065:24:24.00 N	096:39:58.20 W
Fall	LYG	6382	SCHED	10/10/2020 13:27:50	2	125	426	141	065:17:49.19 N	096:27:38.99 W
Fall	LYG	6382	SCHED	10/10/2020 13:30:03	3	0	136	26	065:15:36.00 N	096:23:47.99 W
Fall	LYG	6382	ARRIVAL	10/10/2020 13:30:30	1	0	135	26	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6382	XML_FLIGHT_SUMMARY	10/10/2020 13:30:31	0	0	0	0		
Fall	LYG	6383	POWER_ON	10/10/2020 13:51:09	NA	NA	NA	NA		
Fall	LYG	6383	SCHED	10/10/2020 13:52:07	1	0	136	172	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6383	SCHED	10/10/2020 13:57:13	2	0	134	291	065:15:36.59 N	096:23:48.60 W
Fall	LYG	6383	DEPARTURE	10/10/2020 13:58:17	1	70	191	0	065:15:56.39 N	096:23:48.60 W
Fall	LYG	6383	SCHED	10/10/2020 14:00:27	3	0	158	290	065:16:51.60 N	096:23:38.40 W
Fall	LYG	6383	ARRIVAL	10/10/2020 14:00:35	1	0	158	290	065:16:51.60 N	096:23:38.40 W
Fall	LYG	6383	DEPARTURE	10/10/2020 14:01:17	2	84	172	176	065:16:30.00 N	096:23:34.79 W
Fall	LYG	6383	SCHED	10/10/2020 14:03:25	4	2	173	30	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6383	SCHED	10/10/2020 14:05:45	5	1	201	75	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6383	SCHED	10/10/2020 14:07:50	6	1	169	22	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6383	SCHED	10/10/2020 14:09:57	7	23	245	12	065:16:48.60 N	096:23:42.60 W
Fall	LYG	6383	SCHED	10/10/2020 14:12:09	8	50	229	225	065:15:33.00 N	096:23:41.99 W
Fall	LYG	6383	SCHED	10/10/2020 14:14:15	9	82	248	359	065:16:19.20 N	096:23:47.99 W
Fall	LYG	6383	SCHED	10/10/2020 14:16:20	10	87	229	182	065:16:32.39 N	096:23:31.19 W
Fall	LYG	6383	SCHED	10/10/2020 14:18:25	11	57	207	1	065:15:46.19 N	096:23:45.00 W
Fall	LYG	6383	SCHED	10/10/2020 14:20:41	12	41	214	133	065:16:49.19 N	096:23:32.40 W
Fall	LYG	6383	SCHED	10/10/2020 14:22:53	13	74	248	358	065:16:00.60 N	096:23:45.00 W
Fall	LYG	6383	SCHED	10/10/2020 14:24:59	14	66	217	165	065:16:44.39 N	096:23:26.99 W
Fall	LYG	6383	SCHED	10/10/2020 14:27:04	15	22	185	14	065:15:39.00 N	096:23:47.99 W
Fall	LYG	6383	SCHED	10/10/2020 14:29:18	16	49	203	153	065:16:48.00 N	096:23:33.60 W
Fall	LYG	6383	SCHED	10/10/2020 14:31:24	17	17	188	5	065:15:38.39 N	096:23:47.99 W
Fall	LYG	6383	SCHED	10/10/2020 14:33:32	18	2	206	52	065:16:50.99 N	096:23:40.20 W
Fall	LYG	6383	SCHED	10/10/2020 14:35:39	19	0	182	49	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6383	SCHED	10/10/2020 14:37:45	20	4	210	29	065:16:50.39 N	096:23:40.80 W
Fall	LYG	6383	SCHED	10/10/2020 14:39:53	21	5	179	357	065:15:36.59 N	096:23:49.79 W
Fall	LYG	6383	SCHED	10/10/2020 14:42:02	22	36	247	10	065:16:46.80 N	096:23:43.20 W
Fall	LYG	6383	SCHED	10/10/2020 14:44:11	23	5	182	13	065:15:36.59 N	096:23:47.99 W
Fall	LYG	6383	SCHED	10/10/2020 14:46:17	24	4	208	42	065:16:50.39 N	096:23:40.20 W
Fall	LYG	6383	SCHED	10/10/2020 14:48:23	25	1	143	359	065:15:36.59 N	096:23:46.79 W
Fall	LYG	6383	SCHED	10/10/2020 14:50:34	26	0	161	263	065:16:51.60 N	096:23:37.80 W
Fall	LYG	6383	DEPARTURE	10/10/2020 14:51:21	3	98	180	178	065:16:27.00 N	096:23:41.99 W
Fall	LYG	6383	ARRIVAL	10/10/2020 14:51:25	2	0	160	263	065:16:51.60 N	096:23:37.80 W
Fall	LYG	6383	XML_FLIGHT_SUMMARY	10/10/2020 14:51:26	0	0	0	0		
Fall	LYG	6383	ARRIVAL	10/10/2020 14:53:51	3	0	136	283	065:15:36.59 N	096:23:46.20 W
Fall	LYG	6384	DEPARTURE	10/10/2020 14:56:10	4	38	216	6	065:15:53.39 N	096:23:38.40 W
Fall	LYG	6384	SCHED	10/10/2020 14:58:20	27	2	211	3	065:16:50.39 N	096:23:39.59 W
Fall	LYG	6384	SCHED	10/10/2020 15:00:29	28	0	166	22	065:16:51.60 N	096:23:45.60 W
Fall	LYG	6384	ARRIVAL	10/10/2020 15:00:37	4	0	166	22	065:16:51.60 N	096:23:45.60 W
Fall	LYG	6384	DEPARTURE	10/10/2020 15:03:03	5	92	196	187	065:16:35.40 N	096:23:34.79 W
Fall	LYG	6384	ARRIVAL	10/10/2020 15:04:48	5	0	132	323	065:15:36.00 N	096:23:47.39 W
Fall	LYG	6384	DEPARTURE	10/10/2020 15:05:48	6	73	175	3	065:15:56.39 N	096:23:41.99 W
Fall	LYG	6384	ARRIVAL	10/10/2020 15:07:36	6	0	159	233	065:16:51.60 N	096:23:38.40 W
Fall	LYG	6384	DEPARTURE	10/10/2020 15:09:26	7	95	223	186	065:16:28.79 N	096:23:30.00 W
Fall	LYG	6384	SCHED	10/10/2020 15:11:32	29	83	231	5	065:16:05.99 N	096:23:48.60 W
Fall	LYG	6384	SCHED	10/10/2020 15:13:37	30	95	219	184	065:16:22.20 N	096:23:38.99 W
Fall	LYG	6384	SCHED	10/10/2020 15:15:44	31	29	212	360	065:15:41.40 N	096:23:51.59 W
Fall	LYG	6384	SCHED	10/10/2020 15:17:56	32	0	200	47	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6384	SCHED	10/10/2020 15:20:05	33	39	203	257	065:15:33.59 N	096:23:48.60 W
Fall	LYG	6384	SCHED	10/10/2020 15:22:14	34	54	371	314	065:16:13.80 N	096:24:48.59 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6384	SCHED	10/10/2020 15:24:35	35	51	525	319	065:17:39.59 N	096:27:41.40 W
Fall	LYG	6384	SCHED	10/10/2020 15:26:46	36	53	477	319	065:19:14.40 N	096:31:01.79 W
Fall	LYG	6384	SCHED	10/10/2020 15:29:08	37	53	453	330	065:20:41.39 N	096:33:45.00 W
Fall	LYG	6384	SCHED	10/10/2020 15:31:17	38	50	354	322	065:22:21.00 N	096:36:26.99 W
Fall	LYG	6384	SCHED	10/10/2020 15:33:28	39	51	381	330	065:23:50.40 N	096:39:06.00 W
Fall	LYG	6384	SCHED	10/10/2020 15:35:39	40	4	213	1	065:24:16.80 N	096:40:40.80 W
Fall	LYG	6384	SCHED	10/10/2020 15:37:49	41	0	163	126	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6384	ARRIVAL	10/10/2020 15:38:40	7	0	166	277	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6384	XML_FLIGHT_SUMMARY	10/10/2020 15:38:41	0	0	0	0		
Fall	LYG	6385	POWER_ON	10/10/2020 15:47:10	NA	NA	NA	NA		
Fall	LYG	6385	SCHED	10/10/2020 15:48:01	1	0	164	230	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6385	DEPARTURE	10/10/2020 15:50:12	1	53	294	84	065:24:18.60 N	096:39:55.79 W
Fall	LYG	6385	SCHED	10/10/2020 15:52:31	2	84	580	151	065:21:49.19 N	096:36:36.60 W
Fall	LYG	6385	SCHED	10/10/2020 15:56:49	3	71	440	122	065:17:36.59 N	096:26:49.79 W
Fall	LYG	6385	SCHED	10/10/2020 15:59:34	4	0	196	262	065:16:50.99 N	096:23:40.20 W
Fall	LYG	6385	SCHED	10/10/2020 16:01:41	5	0	174	87	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6385	SCHED	10/10/2020 16:03:48	6	2	206	45	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6385	SCHED	10/10/2020 16:05:56	7	1	174	88	065:15:37.19 N	096:23:49.20 W
Fall	LYG	6385	SCHED	10/10/2020 16:08:05	8	42	266	0	065:16:23.99 N	096:23:51.59 W
Fall	LYG	6385	SCHED	10/10/2020 16:10:12	9	0	201	11	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6385	SCHED	10/10/2020 16:12:17	10	13	194	58	065:15:36.59 N	096:23:52.19 W
Fall	LYG	6385	SCHED	10/10/2020 16:14:23	11	42	276	13	065:16:45.00 N	096:23:48.60 W
Fall	LYG	6385	SCHED	10/10/2020 16:16:28	12	84	218	209	065:15:47.39 N	096:24:06.00 W
Fall	LYG	6385	SCHED	10/10/2020 16:18:35	13	67	268	359	065:16:28.79 N	096:23:46.79 W
Fall	LYG	6385	SCHED	10/10/2020 16:20:50	14	85	266	188	065:16:16.79 N	096:23:45.60 W
Fall	LYG	6385	SCHED	10/10/2020 16:23:00	15	64	271	357	065:16:01.80 N	096:23:43.79 W
Fall	LYG	6385	SCHED	10/10/2020 16:25:10	16	83	228	192	065:16:34.79 N	096:23:39.59 W
Fall	LYG	6385	SCHED	10/10/2020 16:27:20	17	9	189	40	065:15:38.39 N	096:23:48.60 W
Fall	LYG	6385	SCHED	10/10/2020 16:29:28	18	3	223	23	065:16:50.39 N	096:23:40.80 W
Fall	LYG	6385	SCHED	10/10/2020 16:31:35	19	2	207	229	065:16:50.99 N	096:23:40.20 W
Fall	LYG	6385	SCHED	10/10/2020 16:33:42	20	25	200	14	065:15:39.00 N	096:23:49.20 W
Fall	LYG	6385	SCHED	10/10/2020 16:35:48	21	1	197	190	065:16:50.39 N	096:23:38.99 W
Fall	LYG	6385	SCHED	10/10/2020 16:39:42	22	61	301	1	065:16:36.00 N	096:23:47.39 W
Fall	LYG	6385	SCHED	10/10/2020 16:41:48	23	52	204	162	065:15:37.19 N	096:24:02.39 W
Fall	LYG	6385	SCHED	10/10/2020 16:43:54	24	50	264	5	065:16:45.00 N	096:23:48.60 W
Fall	LYG	6385	SCHED	10/10/2020 16:46:03	25	63	228	170	065:15:39.59 N	096:24:07.19 W
Fall	LYG	6385	SCHED	10/10/2020 16:48:09	26	46	269	2	065:16:46.19 N	096:23:46.79 W
Fall	LYG	6385	SCHED	10/10/2020 16:50:19	27	11	195	72	065:15:35.40 N	096:23:53.99 W
Fall	LYG	6385	SCHED	10/10/2020 16:52:25	28	41	285	6	065:16:46.19 N	096:23:47.99 W
Fall	LYG	6385	SCHED	10/10/2020 16:54:32	29	46	204	136	065:15:34.79 N	096:23:59.39 W
Fall	LYG	6385	SCHED	10/10/2020 16:56:40	30	27	259	13	065:16:48.00 N	096:23:45.60 W
Fall	LYG	6385	SCHED	10/10/2020 16:58:45	31	77	219	177	065:15:39.59 N	096:23:38.99 W
Fall	LYG	6385	SCHED	10/10/2020 17:01:04	32	72	277	353	065:16:36.00 N	096:23:44.39 W
Fall	LYG	6385	SCHED	10/10/2020 17:03:17	33	88	377	322	065:17:24.00 N	096:26:47.39 W
Fall	LYG	6385	SCHED	10/10/2020 17:05:33	34	88	492	319	065:19:46.80 N	096:31:23.40 W
Fall	LYG	6385	SCHED	10/10/2020 17:07:38	35	87	510	322	065:22:22.19 N	096:36:19.19 W
Fall	LYG	6385	SCHED	10/10/2020 17:09:43	36	28	308	272	065:24:13.19 N	096:40:33.60 W
Fall	LYG	6385	SCHED	10/10/2020 17:11:48	37	0	167	263	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6385	ARRIVAL	10/10/2020 17:12:08	1	0	174	263	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6385	XML_FLIGHT_SUMMARY	10/10/2020 17:12:09	0	0	0	0		
Fall	LYG	6385	SCHED	10/10/2020 17:17:15	38	19	209	76	065:24:18.00 N	096:40:32.39 W
Fall	LYG	6386	DEPARTURE	10/10/2020 17:17:39	2	64	252	81	065:24:21.60 N	096:39:49.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:19:47	39	86	386	157	065:22:06.59 N	096:36:55.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:21:54	40	87	494	137	065:19:43.19 N	096:32:21.59 W
Fall	LYG	6386	SCHED	10/10/2020 17:24:04	41	97	463	122	065:17:40.80 N	096:26:00.59 W
Fall	LYG	6386	SCHED	10/10/2020 17:26:13	42	1	223	85	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6386	SCHED	10/10/2020 17:28:19	43	1	179	93	065:15:37.19 N	096:23:48.60 W
Fall	LYG	6386	SCHED	10/10/2020 17:30:25	44	2	175	109	065:15:37.79 N	096:23:49.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:32:37	45	1	165	84	065:15:36.59 N	096:24:01.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:34:43	46	14	231	30	065:16:46.80 N	096:23:41.99 W
Fall	LYG	6386	SCHED	10/10/2020 17:36:49	47	19	195	262	065:15:35.40 N	096:23:58.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:38:55	48	4	164	20	065:15:37.19 N	096:24:01.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:41:04	49	7	214	28	065:16:47.39 N	096:23:38.99 W
Fall	LYG	6386	SCHED	10/10/2020 17:43:10	50	73	231	181	065:15:56.99 N	096:23:40.20 W
Fall	LYG	6386	SCHED	10/10/2020 17:45:21	51	45	195	294	065:15:32.39 N	096:24:37.19 W
Fall	LYG	6386	SCHED	10/10/2020 17:47:26	52	61	287	355	065:15:51.60 N	096:25:09.00 W
Fall	LYG	6386	SCHED	10/10/2020 17:49:33	53	104	346	323	065:18:24.00 N	096:29:48.00 W
Fall	LYG	6386	SCHED	10/10/2020 17:51:43	54	105	375	322	065:21:23.39 N	096:34:52.80 W
Fall	LYG	6386	SCHED	10/10/2020 17:53:52	55	57	222	257	065:24:14.39 N	096:40:27.60 W
Fall	LYG	6386	ARRIVAL	10/10/2020 17:56:44	2	0	163	303	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6386	XML_FLIGHT_SUMMARY	10/10/2020 17:56:45	0	0	0	0		
Fall	LYG	6387	POWER_ON	10/10/2020 17:59:27	NA	NA	NA	NA		
Fall	LYG	6387	POWER_ON	10/10/2020 22:37:02	NA	NA	NA	NA		
Fall	LYG	6387	SCHED	10/10/2020 22:37:53	1	0	160	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6387	SCHED	10/10/2020 22:43:01	2	0	159	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6387	SCHED	10/10/2020 22:48:11	3	0	159	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6387	SCHED	10/10/2020 22:53:57	4	0	157	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6387	SCHED	10/10/2020 22:59:07	5	0	154	0	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6387	POWER_ON	10/11/2020 12:45:18	NA	NA	NA	NA		
Fall	LYG	6387	SCHED	10/11/2020 12:46:10	1	0	141	0	065:24:18.60 N	096:40:42.60 W
Fall	LYG	6387	DEPARTURE	10/11/2020 12:48:45	1	65	212	97	065:24:15.59 N	096:39:56.39 W
Fall	LYG	6387	SCHED	10/11/2020 12:50:51	2	87	313	136	065:22:08.39 N	096:35:34.79 W
Fall	LYG	6387	SCHED	10/11/2020 12:52:57	3	95	365	141	065:19:45.60 N	096:30:16.79 W
Fall	LYG	6387	SCHED	10/11/2020 12:55:05	4	86	331	130	065:17:19.79 N	096:24:42.60 W
Fall	LYG	6387	SCHED	10/11/2020 12:57:12	5	0	163	195	065:16:51.60 N	096:23:43.79 W
Fall	LYG	6387	ARRIVAL	10/11/2020 12:57:57	1	0	164	195	065:16:52.19 N	096:23:43.79 W
Fall	LYG	6387	XML_FLIGHT_SUMMARY	10/11/2020 12:57:58	0	0	0	0		
Fall	LYG	6388	DEPARTURE	10/11/2020 13:02:14	2	67	166	168	065:16:34.20 N	096:23:36.60 W
Fall	LYG	6388	SCHED	10/11/2020 13:04:20	6	82	305	320	065:16:07.19 N	096:25:30.60 W
Fall	LYG	6388	SCHED	10/11/2020 13:06:28	7	138	431	321	065:19:28.20 N	096:31:39.59 W
Fall	LYG	6388	SCHED	10/11/2020 13:08:37	8	134	291	329	065:23:24.00 N	096:38:12.60 W
Fall	LYG	6388	ARRIVAL	10/11/2020 13:10:35	2	0	165	311	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6388	XML_FLIGHT_SUMMARY	10/11/2020 13:10:36	0	0	0	0		

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6388	SCHED	10/11/2020 13:15:41	9	0	193	34	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6389	DEPARTURE	10/11/2020 13:16:31	3	63	289	81	065:24:19.19 N	096:39:58.79 W
Fall	LYG	6389	SCHED	10/11/2020 13:18:41	10	67	436	146	065:22:15.59 N	096:37:23.99 W
Fall	LYG	6389	SCHED	10/11/2020 13:21:33	11	70	418	152	065:20:05.40 N	096:32:43.80 W
Fall	LYG	6389	SCHED	10/11/2020 13:23:39	12	77	391	130	065:18:11.99 N	096:27:16.19 W
Fall	LYG	6389	SCHED	10/11/2020 13:25:45	13	5	229	177	065:16:51.60 N	096:23:38.99 W
Fall	LYG	6389	SCHED	10/11/2020 13:27:57	14	1	191	301	065:16:50.99 N	096:23:38.99 W
Fall	LYG	6389	SCHED	10/11/2020 13:30:05	15	66	292	156	065:15:48.59 N	096:21:57.60 W
Fall	LYG	6389	SCHED	10/11/2020 13:32:12	16	67	339	153	065:13:46.19 N	096:19:28.20 W
Fall	LYG	6389	SCHED	10/11/2020 13:34:17	17	64	353	153	065:11:42.60 N	096:17:06.60 W
Fall	LYG	6389	SCHED	10/11/2020 13:36:25	18	68	355	155	065:09:41.40 N	096:14:44.39 W
Fall	LYG	6389	SCHED	10/11/2020 13:38:33	19	65	365	146	065:07:35.99 N	096:12:26.99 W
Fall	LYG	6389	SCHED	10/11/2020 13:40:40	20	65	387	150	065:05:40.80 N	096:09:30.00 W
Fall	LYG	6389	SCHED	10/11/2020 13:42:46	21	67	376	160	065:03:40.80 N	096:06:55.80 W
Fall	LYG	6389	SCHED	10/11/2020 13:45:02	22	50	334	150	065:01:41.39 N	096:04:37.19 W
Fall	LYG	6389	SCHED	10/11/2020 13:47:11	23	1	184	146	065:01:20.40 N	096:04:27.60 W
Fall	LYG	6389	SCHED	10/11/2020 13:49:16	24	126	356	341	065:03:45.60 N	096:09:20.40 W
Fall	LYG	6389	SCHED	10/11/2020 13:51:23	25	126	346	332	065:07:49.79 N	096:13:24.59 W
Fall	LYG	6389	SCHED	10/11/2020 13:53:30	26	124	364	336	065:11:42.60 N	096:18:07.80 W
Fall	LYG	6389	SCHED	10/11/2020 13:55:40	27	125	359	341	065:15:41.40 N	096:22:30.60 W
Fall	LYG	6389	SCHED	10/11/2020 13:57:46	28	1	194	316	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6389	SCHED	10/11/2020 13:59:52	29	1	205	182	065:16:51.60 N	096:23:39.59 W
Fall	LYG	6389	SCHED	10/11/2020 14:02:00	30	55	255	192	065:16:34.20 N	096:23:33.00 W
Fall	LYG	6389	SCHED	10/11/2020 14:04:11	31	97	386	321	065:18:00.00 N	096:29:02.39 W
Fall	LYG	6389	SCHED	10/11/2020 14:06:20	32	104	395	325	065:20:59.40 N	096:34:11.99 W
Fall	LYG	6389	SCHED	10/11/2020 14:08:29	33	103	356	334	065:24:05.40 N	096:38:53.99 W
Fall	LYG	6389	SCHED	10/11/2020 14:10:35	34	0	193	283	065:24:17.39 N	096:40:40.80 W
Fall	LYG	6389	ARRIVAL	10/11/2020 14:12:37	3	0	161	301	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6389	XML_FLIGHT_SUMMARY	10/11/2020 14:12:38	0	0	0	0		
Fall	LYG	6390	POWER_ON	10/11/2020 14:47:46	NA	NA	NA	NA		
Fall	LYG	6390	SCHED	10/11/2020 14:49:22	1	0	168	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6390	DEPARTURE	10/11/2020 14:49:58	1	73	193	90	065:24:18.60 N	096:39:55.20 W
Fall	LYG	6390	SCHED	10/11/2020 14:52:08	2	81	271	138	065:23:57.00 N	096:36:53.40 W
Fall	LYG	6390	SCHED	10/11/2020 14:54:16	3	92	291	148	065:21:30.00 N	096:32:08.40 W
Fall	LYG	6390	SCHED	10/11/2020 14:56:26	4	94	289	143	065:18:51.60 N	096:27:26.40 W
Fall	LYG	6390	SCHED	10/11/2020 14:58:31	5	92	297	236	065:16:06.60 N	096:25:30.00 W
Fall	LYG	6390	SCHED	10/11/2020 15:01:30	6	106	262	45	065:16:25.20 N	096:25:00.60 W
Fall	LYG	6390	ARRIVAL	10/11/2020 15:03:05	1	0	163	96	065:16:51.60 N	096:23:43.20 W
Fall	LYG	6390	XML_FLIGHT_SUMMARY	10/11/2020 15:03:06	0	0	0	0		
Fall	LYG	6391	POWER_ON	10/11/2020 15:56:36	NA	NA	NA	NA		
Fall	LYG	6391	SCHED	10/11/2020 15:57:35	1	1	176	85	065:16:51.60 N	096:23:43.20 W
Fall	LYG	6391	DEPARTURE	10/11/2020 15:59:16	1	54	228	182	065:16:33.59 N	096:23:38.40 W
Fall	LYG	6391	SCHED	10/11/2020 16:01:25	2	77	248	220	065:14:39.00 N	096:27:34.20 W
Fall	LYG	6391	SCHED	10/11/2020 16:03:36	3	85	198	47	065:14:12.60 N	096:27:42.00 W
Fall	LYG	6391	SCHED	10/11/2020 16:05:43	4	5	207	159	065:16:51.60 N	096:23:38.99 W
Fall	LYG	6391	SCHED	10/11/2020 16:07:49	5	81	270	221	065:15:18.59 N	096:26:21.00 W
Fall	LYG	6391	SCHED	10/11/2020 16:09:55	6	1	181	16	065:14:06.60 N	096:28:16.19 W
Fall	LYG	6391	SCHED	10/11/2020 16:12:04	7	104	349	42	065:16:38.39 N	096:24:37.19 W
Fall	LYG	6391	SCHED	10/11/2020 16:14:12	8	85	305	222	065:16:00.00 N	096:25:04.19 W
Fall	LYG	6391	SCHED	10/11/2020 16:16:18	9	2	190	170	065:14:05.99 N	096:28:15.60 W
Fall	LYG	6391	SCHED	10/11/2020 16:18:25	10	109	338	44	065:16:22.79 N	096:25:06.00 W
Fall	LYG	6391	SCHED	10/11/2020 16:20:33	11	58	265	223	065:16:28.79 N	096:24:04.79 W
Fall	LYG	6391	SCHED	10/11/2020 16:22:39	12	66	254	215	065:14:43.80 N	096:27:36.59 W
Fall	LYG	6391	SCHED	10/11/2020 16:24:45	13	109	258	35	065:14:30.59 N	096:26:43.20 W
Fall	LYG	6391	SCHED	10/11/2020 16:26:54	14	2	196	171	065:16:50.39 N	096:23:38.40 W
Fall	LYG	6391	SCHED	10/11/2020 16:29:03	15	68	317	224	065:15:45.00 N	096:25:30.00 W
Fall	LYG	6391	SCHED	10/11/2020 16:31:11	16	14	233	178	065:14:07.80 N	096:28:15.60 W
Fall	LYG	6391	SCHED	10/11/2020 16:33:20	17	115	338	28	065:15:14.40 N	096:26:27.60 W
Fall	LYG	6391	SCHED	10/11/2020 16:35:31	18	2	199	140	065:16:50.39 N	096:23:38.40 W
Fall	LYG	6391	SCHED	10/11/2020 16:37:41	19	59	320	217	065:15:22.79 N	096:26:15.60 W
Fall	LYG	6391	SCHED	10/11/2020 16:39:52	20	3	189	177	065:14:05.99 N	096:28:16.19 W
Fall	LYG	6391	SCHED	10/11/2020 16:42:00	21	104	325	35	065:14:45.00 N	096:26:41.99 W
Fall	LYG	6391	SCHED	10/11/2020 16:44:05	22	1	194	14	065:16:50.39 N	096:23:38.99 W
Fall	LYG	6391	SCHED	10/11/2020 16:46:11	23	82	296	221	065:15:13.19 N	096:26:35.40 W
Fall	LYG	6391	SCHED	10/11/2020 16:48:19	24	8	194	98	065:14:05.99 N	096:28:13.80 W
Fall	LYG	6391	SCHED	10/11/2020 16:50:28	25	98	319	53	065:16:26.40 N	096:25:30.60 W
Fall	LYG	6391	SCHED	10/11/2020 16:52:38	26	72	276	222	065:16:22.79 N	096:24:13.20 W
Fall	LYG	6391	SCHED	10/11/2020 16:54:43	27	56	278	211	065:14:20.99 N	096:28:08.99 W
Fall	LYG	6391	SCHED	10/11/2020 16:56:48	28	111	322	30	065:15:05.99 N	096:26:16.19 W
Fall	LYG	6391	SCHED	10/11/2020 16:58:58	29	1	197	270	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6391	SCHED	10/11/2020 17:01:08	30	87	283	218	065:15:07.19 N	096:26:56.99 W
Fall	LYG	6391	SCHED	10/11/2020 17:03:14	31	91	221	48	065:14:14.40 N	096:27:34.20 W
Fall	LYG	6391	SCHED	10/11/2020 17:05:20	32	10	241	160	065:16:52.19 N	096:23:40.80 W
Fall	LYG	6391	SCHED	10/11/2020 17:07:30	33	31	229	142	065:16:43.80 N	096:23:30.00 W
Fall	LYG	6391	SCHED	10/11/2020 17:09:37	34	59	282	288	065:15:42.00 N	096:23:44.39 W
Fall	LYG	6391	SCHED	10/11/2020 17:11:43	35	64	438	323	065:17:27.00 N	096:27:03.59 W
Fall	LYG	6391	SCHED	10/11/2020 17:13:49	36	64	454	323	065:19:11.40 N	096:30:16.79 W
Fall	LYG	6391	SCHED	10/11/2020 17:15:56	37	63	426	327	065:20:58.20 N	096:33:04.19 W
Fall	LYG	6391	SCHED	10/11/2020 17:18:04	38	58	417	348	065:22:50.99 N	096:35:41.39 W
Fall	LYG	6391	SCHED	10/11/2020 17:20:11	39	31	384	45	065:24:39.59 N	096:37:34.19 W
Fall	LYG	6391	SCHED	10/11/2020 17:22:20	40	0	211	44	065:24:40.20 N	096:36:54.59 W
Fall	LYG	6391	SCHED	10/11/2020 17:24:26	41	3	185	178	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6391	ARRIVAL	10/11/2020 17:25:47	1	0	164	131	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6391	XML_FLIGHT_SUMMARY	10/11/2020 17:25:48	0	0	0	0		
Fall	LYG	6392	POWER_ON	10/11/2020 17:35:46	NA	NA	NA	NA		
Fall	LYG	6392	SCHED	10/11/2020 17:36:43	1	0	164	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6392	DEPARTURE	10/11/2020 17:38:00	1	58	231	94	065:24:16.19 N	096:39:58.79 W
Fall	LYG	6392	SCHED	10/11/2020 17:40:06	2	92	407	137	065:21:52.80 N	096:35:33.60 W
Fall	LYG	6392	SCHED	10/11/2020 17:42:12	3	89	422	135	065:19:23.39 N	096:30:35.40 W
Fall	LYG	6392	SCHED	10/11/2020 17:44:21	4	87	337	129	065:17:21.00 N	096:25:01.20 W
Fall	LYG	6392	SCHED	10/11/2020 17:46:34	5	66	267	221	065:16:30.00 N	096:23:57.00 W
Fall	LYG	6392	SCHED	10/11/2020 17:48:46	6	50	286	197	065:14:20.40 N	096:28:17.39 W
Fall	LYG	6392	SCHED	10/11/2020 17:50:53	7	106	294	38	065:14:58.19 N	096:26:35.99 W
Fall	LYG	6392	SCHED	10/11/2020 17:53:00	8	1	196	320	065:16:50.39 N	096:23:38.99 W
Fall	LYG	6392	SCHED	10/11/2020 17:55:08	9	1	211	116	065:16:51.60 N	096:23:40.20 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6392	SCHED	10/11/2020 17:57:19	10	49	219	198	065:16:42.00 N	096:23:38.40 W
Fall	LYG	6392	SCHED	10/11/2020 17:59:27	11	68	288	199	065:14:22.20 N	096:28:11.99 W
Fall	LYG	6392	SCHED	10/11/2020 18:01:34	12	110	328	33	065:15:17.40 N	096:25:47.39 W
Fall	LYG	6392	SCHED	10/11/2020 18:03:40	13	11	209	119	065:16:50.99 N	096:23:37.80 W
Fall	LYG	6392	SCHED	10/11/2020 18:05:49	14	71	287	223	065:15:15.00 N	096:26:25.80 W
Fall	LYG	6392	SCHED	10/11/2020 18:07:59	15	0	179	167	065:14:05.99 N	096:28:15.60 W
Fall	LYG	6392	SCHED	10/11/2020 18:10:04	16	107	311	30	065:16:24.59 N	096:24:28.19 W
Fall	LYG	6392	SCHED	10/11/2020 18:12:09	17	88	284	224	065:16:12.60 N	096:24:29.40 W
Fall	LYG	6392	SCHED	10/11/2020 18:14:20	18	13	223	176	065:14:07.80 N	096:28:16.19 W
Fall	LYG	6392	SCHED	10/11/2020 18:16:27	19	106	351	33	065:15:34.20 N	096:25:37.80 W
Fall	LYG	6392	SCHED	10/11/2020 18:18:32	20	62	240	213	065:16:36.59 N	096:23:44.39 W
Fall	LYG	6392	SCHED	10/11/2020 18:20:40	21	77	308	211	065:14:36.59 N	096:27:50.40 W
Fall	LYG	6392	SCHED	10/11/2020 18:22:48	22	114	273	26	065:14:47.39 N	096:26:29.40 W
Fall	LYG	6392	SCHED	10/11/2020 18:24:57	23	1	197	247	065:16:50.99 N	096:23:40.20 W
Fall	LYG	6392	SCHED	10/11/2020 18:27:08	24	67	314	223	065:15:30.00 N	096:26:01.20 W
Fall	LYG	6392	SCHED	10/11/2020 18:29:23	25	1	189	185	065:14:05.99 N	096:28:15.60 W
Fall	LYG	6392	SCHED	10/11/2020 18:31:35	26	89	328	22	065:16:44.39 N	096:24:06.59 W
Fall	LYG	6392	SCHED	10/11/2020 18:33:46	27	94	340	224	065:16:01.19 N	096:24:49.79 W
Fall	LYG	6392	SCHED	10/11/2020 18:35:54	28	2	188	172	065:14:05.99 N	096:28:15.60 W
Fall	LYG	6392	SCHED	10/11/2020 18:38:03	29	116	344	28	065:16:29.39 N	096:24:36.60 W
Fall	LYG	6392	SCHED	10/11/2020 18:40:16	30	63	284	215	065:16:31.19 N	096:23:48.60 W
Fall	LYG	6392	SCHED	10/11/2020 18:42:24	31	44	313	181	065:14:13.80 N	096:28:16.19 W
Fall	LYG	6392	SCHED	10/11/2020 18:44:29	32	112	312	29	065:14:39.00 N	096:26:38.40 W
Fall	LYG	6392	SCHED	10/11/2020 18:46:36	33	1	181	111	065:16:48.00 N	096:23:37.19 W
Fall	LYG	6392	SCHED	10/11/2020 18:48:44	34	86	325	222	065:15:22.20 N	096:26:20.39 W
Fall	LYG	6392	SCHED	10/11/2020 18:50:51	35	65	202	79	065:14:05.99 N	096:27:58.20 W
Fall	LYG	6392	SCHED	10/11/2020 18:53:01	36	22	263	118	065:16:50.39 N	096:23:40.80 W
Fall	LYG	6392	SCHED	10/11/2020 18:55:14	37	67	314	228	065:15:58.80 N	096:24:10.20 W
Fall	LYG	6392	SCHED	10/11/2020 18:58:58	38	44	199	69	065:14:06.60 N	096:28:06.60 W
Fall	LYG	6392	SCHED	10/11/2020 19:01:07	39	0	192	161	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6392	SCHED	10/11/2020 19:03:13	40	65	317	294	065:16:38.39 N	096:24:17.39 W
Fall	LYG	6392	SCHED	10/11/2020 19:05:20	41	69	450	318	065:18:37.19 N	096:27:50.40 W
Fall	LYG	6392	SCHED	10/11/2020 19:07:28	42	72	393	321	065:20:34.80 N	096:31:36.59 W
Fall	LYG	6392	SCHED	10/11/2020 19:09:35	43	77	378	321	065:22:36.60 N	096:35:49.79 W
Fall	LYG	6392	SCHED	10/11/2020 19:11:50	44	72	386	311	065:24:34.19 N	096:39:41.40 W
Fall	LYG	6392	SCHED	10/11/2020 19:13:56	45	0	166	210	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6392	ARRIVAL	10/11/2020 19:15:06	1	0	160	285	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6392	XML_FLIGHT_SUMMARY	10/11/2020 19:15:07	0	0	0	0		
Fall	LYG	6393	POWER_ON	10/11/2020 19:22:13	NA	NA	NA	NA		
Fall	LYG	6393	SCHED	10/11/2020 19:24:33	1	0	157	270	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6393	DEPARTURE	10/11/2020 19:26:45	1	59	275	83	065:24:18.00 N	096:39:58.79 W
Fall	LYG	6393	SCHED	10/11/2020 19:28:55	2	66	456	136	065:22:22.19 N	096:35:22.80 W
Fall	LYG	6393	SCHED	10/11/2020 19:31:02	3	66	461	138	065:20:33.60 N	096:31:35.40 W
Fall	LYG	6393	SCHED	10/11/2020 19:33:14	4	68	481	137	065:18:45.00 N	096:27:51.00 W
Fall	LYG	6393	SCHED	10/11/2020 19:35:21	5	54	322	151	065:17:11.99 N	096:23:19.19 W
Fall	LYG	6393	SCHED	10/11/2020 19:37:34	6	20	194	159	065:16:46.80 N	096:23:35.40 W
Fall	LYG	6393	SCHED	10/11/2020 19:39:43	7	83	300	219	065:14:46.19 N	096:27:17.40 W
Fall	LYG	6393	SCHED	10/11/2020 19:41:52	8	1	177	41	065:14:05.99 N	096:28:15.60 W
Fall	LYG	6393	SCHED	10/11/2020 19:44:05	9	90	251	41	065:14:39.59 N	096:27:00.00 W
Fall	LYG	6393	SCHED	10/11/2020 19:46:12	10	1	174	153	065:16:48.00 N	096:23:37.19 W
Fall	LYG	6393	SCHED	10/11/2020 19:48:19	11	78	384	217	065:15:20.99 N	096:26:15.00 W
Fall	LYG	6393	SCHED	10/11/2020 19:50:31	12	1	183	177	065:14:05.99 N	096:28:15.00 W
Fall	LYG	6393	SCHED	10/11/2020 19:52:48	13	104	337	51	065:16:31.19 N	096:25:03.00 W
Fall	LYG	6393	SCHED	10/11/2020 19:54:58	14	73	283	217	065:16:21.60 N	096:24:09.00 W
Fall	LYG	6393	SCHED	10/11/2020 19:57:08	15	36	267	194	065:14:11.40 N	096:28:11.99 W
Fall	LYG	6393	SCHED	10/11/2020 19:59:15	16	100	411	50	065:15:52.80 N	096:26:48.59 W
Fall	LYG	6393	SCHED	10/11/2020 20:01:24	17	33	216	157	065:16:47.39 N	096:23:37.19 W
Fall	LYG	6393	SCHED	10/11/2020 20:03:38	18	48	351	217	065:15:03.00 N	096:26:42.60 W
Fall	LYG	6393	SCHED	10/11/2020 20:05:46	19	13	191	108	065:14:05.39 N	096:28:13.80 W
Fall	LYG	6393	SCHED	10/11/2020 20:07:51	20	69	406	46	065:16:43.19 N	096:24:40.80 W
Fall	LYG	6393	SCHED	10/11/2020 20:10:04	21	25	225	170	065:16:46.80 N	096:23:35.40 W
Fall	LYG	6393	SCHED	10/11/2020 20:12:15	22	52	355	217	065:14:56.39 N	096:26:53.40 W
Fall	LYG	6393	SCHED	10/11/2020 20:14:30	23	1	181	25	065:14:05.39 N	096:28:15.60 W
Fall	LYG	6393	SCHED	10/11/2020 20:16:35	24	85	410	49	065:16:22.79 N	096:25:28.19 W
Fall	LYG	6393	SCHED	10/11/2020 20:18:44	25	47	250	179	065:16:43.19 N	096:23:34.19 W
Fall	LYG	6393	SCHED	10/11/2020 20:20:53	26	51	369	214	065:14:45.59 N	096:27:15.00 W
Fall	LYG	6393	SCHED	10/11/2020 20:22:58	27	7	229	183	065:14:06.60 N	096:28:15.60 W
Fall	LYG	6393	SCHED	10/11/2020 20:25:05	28	99	380	33	065:15:07.80 N	096:28:11.99 W
Fall	LYG	6393	SCHED	10/11/2020 20:27:10	29	9	240	147	065:16:51.60 N	096:23:40.20 W
Fall	LYG	6393	SCHED	10/11/2020 20:29:16	30	48	308	220	065:16:12.60 N	096:24:28.80 W
Fall	LYG	6393	SCHED	10/11/2020 20:31:24	31	42	329	214	065:14:45.00 N	096:27:19.19 W
Fall	LYG	6393	SCHED	10/11/2020 20:33:42	32	1	181	307	065:14:05.99 N	096:28:16.19 W
Fall	LYG	6393	SCHED	10/11/2020 20:35:55	33	82	476	48	065:16:20.40 N	096:25:40.20 W
Fall	LYG	6393	SCHED	10/11/2020 20:38:00	34	2	195	255	065:16:50.99 N	096:23:39.59 W
Fall	LYG	6393	SCHED	10/11/2020 20:40:11	35	57	388	220	065:15:48.00 N	096:25:25.80 W
Fall	LYG	6393	SCHED	10/11/2020 20:42:19	36	61	369	298	065:14:50.39 N	096:27:07.80 W
Fall	LYG	6393	SCHED	10/11/2020 20:44:30	37	5	245	214	065:14:07.19 N	096:28:14.40 W
Fall	LYG	6393	SCHED	10/11/2020 20:46:36	38	106	464	39	065:15:30.59 N	096:27:35.99 W
Fall	LYG	6393	SCHED	10/11/2020 20:48:43	39	0	195	246	065:16:50.99 N	096:23:40.20 W
Fall	LYG	6393	SCHED	10/11/2020 20:50:48	40	81	362	218	065:15:20.99 N	096:26:13.20 W
Fall	LYG	6393	SCHED	10/11/2020 20:52:54	41	0	182	84	065:14:05.99 N	096:28:15.00 W
Fall	LYG	6393	SCHED	10/11/2020 20:55:01	42	95	396	45	065:16:15.60 N	096:25:56.39 W
Fall	LYG	6393	SCHED	10/11/2020 20:57:09	43	1	203	88	065:16:50.99 N	096:23:38.99 W
Fall	LYG	6393	SCHED	10/11/2020 20:59:19	44	69	466	321	065:16:54.00 N	096:26:15.60 W
Fall	LYG	6393	SCHED	10/11/2020 21:01:35	45	70	473	319	065:18:49.19 N	096:30:06.00 W
Fall	LYG	6393	SCHED	10/11/2020 21:03:48	46	71	492	330	065:20:55.20 N	096:33:53.40 W
Fall	LYG	6393	SCHED	10/11/2020 21:05:56	47	70	476	333	065:23:12.59 N	096:36:15.60 W
Fall	LYG	6393	SCHED	10/11/2020 21:08:09	48	14	294	104	065:24:41.99 N	096:37:00.60 W
Fall	LYG	6393	SCHED	10/11/2020 21:10:17	49	0	202	157	065:24:40.20 N	096:36:55.20 W
Fall	LYG	6393	SCHED	10/11/2020 21:12:22	50	2	205	200	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6393	ARRIVAL	10/11/2020 21:13:51	1	0	169	81	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6393	XML_FLIGHT_SUMMARY	10/11/2020 21:13:52	0	0	0	0		
Fall	LYG	6393	SCHED	10/11/2020 21:19:02	51	1	183	253	065:24:18.60 N	096:40:40.80 W
Fall	LYG	6394	DEPARTURE	10/11/2020 21:19:39	2	58	319	96	065:24:16.19 N	096:40:01.20 W
Fall	LYG	6394	SCHED	10/11/2020 21:21:44	52	87	475	138	065:22:20.39 N	096:35:35.40 W
Fall	LYG	6394	SCHED	10/11/2020 21:23:50	53	88	454	132	065:20:12.60 N	096:30:27.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6394	SCHED	10/11/2020 21:26:00	54	87	402	143	065:17:59.40 N	096:25:40.20 W
Fall	LYG	6394	SCHED	10/11/2020 21:28:09	55	22	212	150	065:16:49.19 N	096:23:36.60 W
Fall	LYG	6394	SCHED	10/11/2020 21:30:20	56	64	343	218	065:15:04.79 N	096:26:49.19 W
Fall	LYG	6394	SCHED	10/11/2020 21:32:28	57	2	185	275	065:14:05.99 N	096:28:15.60 W
Fall	LYG	6394	SCHED	10/11/2020 21:34:38	58	72	414	47	065:15:50.99 N	096:27:10.80 W
Fall	LYG	6394	SCHED	10/11/2020 21:38:14	59	64	311	223	065:16:22.20 N	096:24:09.59 W
Fall	LYG	6394	SCHED	10/11/2020 21:40:22	60	21	270	182	065:14:09.00 N	096:28:15.60 W
Fall	LYG	6394	SCHED	10/11/2020 21:42:33	61	104	291	27	065:15:38.39 N	096:26:22.19 W
Fall	LYG	6394	SCHED	10/11/2020 21:44:39	62	0	199	37	065:16:50.39 N	096:23:40.20 W
Fall	LYG	6394	SCHED	10/11/2020 21:46:45	63	102	400	321	065:18:14.99 N	096:27:50.40 W
Fall	LYG	6394	SCHED	10/11/2020 21:48:51	64	103	410	325	065:20:59.99 N	096:33:07.80 W
Fall	LYG	6394	SCHED	10/11/2020 21:52:27	65	41	316	205	065:24:27.60 N	096:40:30.00 W
Fall	LYG	6394	SCHED	10/11/2020 21:54:39	66	1	198	183	065:24:16.80 N	096:40:41.40 W
Fall	LYG	6394	ARRIVAL	10/11/2020 21:56:35	2	0	162	312	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6394	XML_FLIGHT_SUMMARY	10/11/2020 21:56:36	0	0	0	0		
Fall	LYG	6395	POWER_ON	10/13/2020 14:58:59	NA	NA	NA	NA		
Fall	LYG	6395	POWER_ON	10/15/2020 15:33:50	NA	NA	NA	NA		
Fall	LYG	6395	SCHED	10/15/2020 15:34:44	1	0	0	0	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6395	DEPARTURE	10/15/2020 15:38:55	1	60	216	47	065:24:32.99 N	096:40:16.80 W
Fall	LYG	6395	SCHED	10/15/2020 15:41:15	2	103	313	146	065:20:57.60 N	096:33:57.60 W
Fall	LYG	6395	SCHED	10/15/2020 15:43:27	3	108	298	143	065:17:50.39 N	096:28:12.60 W
Fall	LYG	6395	SCHED	10/15/2020 15:45:33	4	108	264	149	065:14:18.59 N	096:23:33.00 W
Fall	LYG	6395	SCHED	10/15/2020 15:47:44	5	101	280	154	065:11:13.19 N	096:19:10.79 W
Fall	LYG	6395	SCHED	10/15/2020 15:49:52	6	99	257	147	065:07:53.40 N	096:15:28.20 W
Fall	LYG	6395	SCHED	10/15/2020 15:52:02	7	94	291	153	065:05:22.80 N	096:10:04.19 W
Fall	LYG	6395	SCHED	10/15/2020 15:54:08	8	101	286	152	065:02:27.60 N	096:05:47.39 W
Fall	LYG	6395	SCHED	10/15/2020 15:56:14	9	0	140	37	065:01:27.00 N	096:04:18.00 W
Fall	LYG	6395	ARRIVAL	10/15/2020 15:56:48	1	0	143	37	065:01:27.00 N	096:04:18.00 W
Fall	LYG	6395	XML_FLIGHT_SUMMARY	10/15/2020 15:56:49	0	0	0	0		
Fall	LYG	6396	POWER_ON	10/15/2020 16:16:59	NA	NA	NA	NA		
Fall	LYG	6396	SCHED	10/15/2020 16:17:55	1	0	143	0	065:01:27.00 N	096:04:18.00 W
Fall	LYG	6396	SCHED	10/15/2020 16:23:01	2	0	140	208	065:01:26.40 N	096:04:15.00 W
Fall	LYG	6396	POWER_ON	10/15/2020 18:35:32	NA	NA	NA	NA		
Fall	LYG	6396	SCHED	10/15/2020 18:36:29	1	0	140	332	065:01:27.00 N	096:04:18.00 W
Fall	LYG	6396	POWER_ON	10/16/2020 12:55:43	NA	NA	NA	NA		
Fall	LYG	6396	SCHED	10/16/2020 12:56:39	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	LYG	6396	SCHED	10/16/2020 13:01:50	2	0	138	205	065:01:25.20 N	096:04:14.39 W
Fall	LYG	6396	POWER_ON	10/16/2020 19:21:29	NA	NA	NA	NA		
Fall	LYG	6396	SCHED	10/16/2020 19:22:26	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	LYG	6396	POWER_ON	10/17/2020 18:14:48	NA	NA	NA	NA		
Fall	LYG	6396	SCHED	10/17/2020 18:15:46	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	LYG	6396	POWER_ON	10/19/2020 13:56:19	NA	NA	NA	NA		
Fall	LYG	6396	SCHED	10/19/2020 13:57:07	1	0	143	172	065:01:26.40 N	096:04:16.20 W
Fall	LYG	6396	DEPARTURE	10/19/2020 14:01:08	1	69	192	284	065:01:31.79 N	096:05:01.20 W
Fall	LYG	6396	SCHED	10/19/2020 14:03:18	2	97	204	328	065:03:53.99 N	096:11:05.40 W
Fall	LYG	6396	SCHED	10/19/2020 14:06:58	3	91	205	327	065:07:55.79 N	096:18:01.79 W
Fall	LYG	6396	SCHED	10/19/2020 14:09:04	4	91	246	326	065:11:23.40 N	096:22:28.20 W
Fall	LYG	6396	SCHED	10/19/2020 14:11:57	5	91	281	333	065:14:51.59 N	096:27:06.60 W
Fall	LYG	6396	SCHED	10/19/2020 14:14:11	6	91	257	329	065:17:56.99 N	096:31:33.00 W
Fall	LYG	6396	SCHED	10/19/2020 14:16:17	7	80	212	332	065:20:49.19 N	096:35:52.80 W
Fall	LYG	6396	SCHED	10/19/2020 14:18:26	8	93	252	341	065:23:40.19 N	096:39:03.59 W
Fall	LYG	6396	ARRIVAL	10/19/2020 14:20:37	1	0	165	28	065:24:18.60 N	096:40:40.20 W
Fall	LYG	6396	XML_FLIGHT_SUMMARY	10/19/2020 14:20:38	0	0	0	0		
Fall	LYG	6396	SCHED	10/19/2020 14:26:29	9	1	152	160	065:24:18.00 N	096:40:40.20 W
Fall	LYG	6397	DEPARTURE	10/19/2020 14:30:06	2	69	206	91	065:24:16.19 N	096:39:52.19 W
Fall	LYG	6397	SCHED	10/19/2020 14:32:17	10	125	245	150	065:18:18.59 N	096:30:42.60 W
Fall	LYG	6397	SCHED	10/19/2020 14:34:36	11	124	214	145	065:14:22.20 N	096:25:16.80 W
Fall	LYG	6397	SCHED	10/19/2020 14:36:44	12	129	245	146	065:10:19.19 N	096:18:45.60 W
Fall	LYG	6397	SCHED	10/19/2020 14:40:22	13	126	264	144	065:04:56.40 N	096:09:43.20 W
Fall	LYG	6397	SCHED	10/19/2020 14:42:30	14	11	143	228	065:01:25.79 N	096:04:12.60 W
Fall	LYG	6397	ARRIVAL	10/19/2020 14:43:39	2	0	138	215	065:01:25.20 N	096:04:14.39 W
Fall	LYG	6397	XML_FLIGHT_SUMMARY	10/19/2020 14:43:40	0	0	0	0		
Fall	LYG	6398	POWER_ON	10/19/2020 15:01:36	NA	NA	NA	NA		
Fall	LYG	6398	SCHED	10/19/2020 15:02:31	1	0	141	28	065:01:25.20 N	096:04:14.39 W
Fall	LYG	6398	DEPARTURE	10/19/2020 15:03:32	1	63	201	356	065:01:39.00 N	096:04:38.99 W
Fall	LYG	6398	SCHED	10/19/2020 15:05:37	2	120	275	212	064:58:57.59 N	096:06:33.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:07:42	3	119	288	214	064:55:30.60 N	096:11:48.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:09:47	4	123	273	210	064:51:56.40 N	096:17:03.60 W
Fall	LYG	6398	SCHED	10/19/2020 15:12:01	5	119	234	209	064:48:14.99 N	096:21:55.80 W
Fall	LYG	6398	SCHED	10/19/2020 15:14:10	6	119	200	211	064:44:25.20 N	096:26:45.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:16:15	7	120	210	209	064:40:53.39 N	096:31:54.59 W
Fall	LYG	6398	SCHED	10/19/2020 15:18:21	8	118	222	214	064:37:28.80 N	096:37:09.59 W
Fall	LYG	6398	SCHED	10/19/2020 15:20:29	9	118	218	215	064:34:13.20 N	096:42:52.80 W
Fall	LYG	6398	SCHED	10/19/2020 15:24:08	10	110	205	217	064:29:08.39 N	096:51:06.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:26:16	11	114	184	212	064:25:06.59 N	096:57:28.20 W
Fall	LYG	6398	SCHED	10/19/2020 15:28:24	12	112	163	209	064:21:41.99 N	097:02:19.79 W
Fall	LYG	6398	SCHED	10/19/2020 15:30:29	13	113	155	209	064:18:19.79 N	097:07:05.40 W
Fall	LYG	6398	SCHED	10/19/2020 15:32:36	14	117	196	207	064:14:55.80 N	097:11:31.79 W
Fall	LYG	6398	SCHED	10/19/2020 15:34:46	15	113	210	213	064:11:33.59 N	097:16:12.60 W
Fall	LYG	6398	SCHED	10/19/2020 15:36:51	16	117	190	201	064:07:58.20 N	097:20:36.60 W
Fall	LYG	6398	SCHED	10/19/2020 15:38:57	17	107	285	212	064:04:34.80 N	097:24:38.99 W
Fall	LYG	6398	SCHED	10/19/2020 15:41:03	18	114	253	218	064:01:10.19 N	097:29:24.59 W
Fall	LYG	6398	SCHED	10/19/2020 15:43:17	19	113	180	217	063:58:03.00 N	097:34:52.19 W
Fall	LYG	6398	SCHED	10/19/2020 15:45:24	20	110	190	221	063:54:39.59 N	097:40:15.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:47:33	21	109	237	224	063:51:44.39 N	097:45:51.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:49:41	22	113	236	217	063:48:30.60 N	097:51:12.00 W
Fall	LYG	6398	SCHED	10/19/2020 15:51:46	23	115	246	213	063:45:07.80 N	097:56:11.99 W
Fall	LYG	6398	SCHED	10/19/2020 15:53:55	24	112	274	213	063:41:45.59 N	098:01:05.99 W
Fall	LYG	6398	SCHED	10/19/2020 15:56:03	25	114	281	213	063:38:25.20 N	098:06:11.39 W
Fall	LYG	6398	SCHED	10/19/2020 15:58:09	26	114	297	215	063:35:01.19 N	098:11:12.60 W
Fall	LYG	6398	SCHED	10/19/2020 16:00:15	27	112	313	215	063:31:45.00 N	098:16:04.19 W
Fall	LYG	6398	SCHED	10/19/2020 16:02:20	28	118	329	210	063:28:22.80 N	098:21:00.60 W
Fall	LYG	6398	SCHED	10/19/2020 16:04:26	29	113	307	209	063:25:00.60 N	098:25:41.99 W
Fall	LYG	6398	SCHED	10/19/2020 16:06:32	30	112	306	209	063:21:37.80 N	098:30:03.60 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6398	SCHED	10/19/2020 16:08:37	31	113	321	213	063:18:23.39 N	098:34:45.00 W
Fall	LYG	6398	SCHED	10/19/2020 16:10:43	32	115	332	212	063:15:02.39 N	098:39:23.99 W
Fall	LYG	6398	SCHED	10/19/2020 16:12:53	33	120	375	207	063:11:34.20 N	098:43:57.59 W
Fall	LYG	6398	SCHED	10/19/2020 16:14:59	34	116	426	210	063:07:55.20 N	098:48:48.60 W
Fall	LYG	6398	SCHED	10/19/2020 16:17:06	35	119	468	210	063:04:23.39 N	098:53:25.80 W
Fall	LYG	6398	SCHED	10/19/2020 16:19:11	36	120	485	216	063:00:53.40 N	098:58:27.60 W
Fall	LYG	6398	SCHED	10/19/2020 16:21:17	37	122	477	216	062:57:17.39 N	099:03:27.00 W
Fall	LYG	6398	SCHED	10/19/2020 16:24:54	38	115	425	219	062:52:04.79 N	099:11:08.39 W
Fall	LYG	6398	SCHED	10/19/2020 16:27:03	39	116	416	211	062:48:01.19 N	099:17:16.20 W
Fall	LYG	6398	SCHED	10/19/2020 16:29:14	40	117	410	211	062:44:26.40 N	099:22:01.20 W
Fall	LYG	6398	SCHED	10/19/2020 16:31:19	41	117	381	216	062:40:49.19 N	099:26:45.60 W
Fall	LYG	6398	SCHED	10/19/2020 16:36:42	42	118	423	212	062:32:10.20 N	099:37:38.40 W
Fall	LYG	6398	SCHED	10/19/2020 16:40:26	43	118	438	211	062:26:23.39 N	099:44:40.79 W
Fall	LYG	6398	SCHED	10/19/2020 16:42:36	44	119	438	211	062:21:52.19 N	099:50:40.20 W
Fall	LYG	6398	SCHED	10/19/2020 16:44:45	45	117	373	211	062:18:10.20 N	099:55:12.59 W
Fall	LYG	6398	SCHED	10/19/2020 16:46:50	46	112	319	212	062:14:37.80 N	099:59:18.00 W
Fall	LYG	6398	SCHED	10/19/2020 16:48:58	47	111	317	204	062:11:49.79 N	100:04:24.59 W
Fall	LYG	6398	SCHED	10/19/2020 16:51:04	48	113	340	204	062:08:13.80 N	100:07:53.40 W
Fall	LYG	6398	SCHED	10/19/2020 16:53:10	49	110	334	205	062:04:37.19 N	100:11:09.60 W
Fall	LYG	6398	SCHED	10/19/2020 16:55:16	50	110	369	208	062:01:17.39 N	100:15:04.79 W
Fall	LYG	6398	SCHED	10/19/2020 16:59:00	51	110	634	210	061:55:30.00 N	100:21:38.99 W
Fall	LYG	6398	SCHED	10/19/2020 17:01:05	52	117	620	212	061:51:49.79 N	100:26:02.39 W
Fall	LYG	6398	SCHED	10/19/2020 17:03:11	53	119	646	211	061:48:24.59 N	100:30:36.59 W
Fall	LYG	6398	SCHED	10/19/2020 17:05:19	54	121	591	210	061:44:52.79 N	100:35:05.99 W
Fall	LYG	6398	SCHED	10/19/2020 17:07:29	55	121	465	210	061:41:10.20 N	100:39:43.79 W
Fall	LYG	6398	SCHED	10/19/2020 17:09:35	56	114	363	210	061:37:25.20 N	100:43:56.99 W
Fall	LYG	6398	SCHED	10/19/2020 17:11:40	57	116	355	207	061:33:54.60 N	100:47:52.19 W
Fall	LYG	6398	SCHED	10/19/2020 17:13:49	58	108	434	210	061:30:26.40 N	100:51:32.39 W
Fall	LYG	6398	SCHED	10/19/2020 17:16:00	59	115	446	208	061:26:50.99 N	100:55:31.79 W
Fall	LYG	6398	SCHED	10/19/2020 17:18:09	60	114	433	206	061:23:16.19 N	101:00:07.80 W
Fall	LYG	6398	SCHED	10/19/2020 17:20:18	61	111	423	211	061:19:53.39 N	101:04:18.00 W
Fall	LYG	6398	SCHED	10/19/2020 17:22:28	62	101	367	209	061:16:34.20 N	101:08:28.80 W
Fall	LYG	6398	SCHED	10/19/2020 17:24:37	63	0	327	190	061:15:32.39 N	101:09:24.59 W
Fall	LYG	6398	ARRIVAL	10/19/2020 17:24:47	1	0	328	190	061:15:32.39 N	101:09:24.59 W
Fall	LYG	6398	XML_FLIGHT_SUMMARY	10/19/2020 17:24:48	0	0	0	0		
Fall	LYG	6399	POWER_ON	10/19/2020 17:50:20	NA	NA	NA	NA		
Fall	LYG	6399	SCHED	10/19/2020 17:51:18	1	0	328	0	061:15:32.39 N	101:09:24.59 W
Fall	LYG	6399	DEPARTURE	10/19/2020 17:53:03	1	76	378	195	061:15:13.80 N	101:09:41.99 W
Fall	LYG	6399	SCHED	10/19/2020 17:55:11	2	109	442	212	061:11:26.99 N	101:12:54.59 W
Fall	LYG	6399	SCHED	10/19/2020 17:57:16	3	112	470	201	061:08:04.79 N	101:16:43.80 W
Fall	LYG	6399	SCHED	10/19/2020 17:59:21	4	108	498	213	061:04:54.60 N	101:20:53.99 W
Fall	LYG	6399	SCHED	10/19/2020 18:01:30	5	116	604	182	061:01:28.20 N	101:23:30.60 W
Fall	LYG	6399	SCHED	10/19/2020 18:03:49	6	110	641	221	060:57:41.99 N	101:25:35.40 W
Fall	LYG	6399	SCHED	10/19/2020 18:05:56	7	112	605	217	060:54:17.39 N	101:31:05.99 W
Fall	LYG	6399	SCHED	10/19/2020 18:08:03	8	113	542	213	060:50:58.19 N	101:35:32.39 W
Fall	LYG	6399	SCHED	10/19/2020 18:10:17	9	112	484	213	060:47:39.00 N	101:39:43.79 W
Fall	LYG	6399	SCHED	10/19/2020 18:12:27	10	0	321	169	060:46:02.99 N	101:41:34.20 W
Fall	LYG	6399	ARRIVAL	10/19/2020 18:13:20	1	0	320	148	060:46:02.39 N	101:41:34.20 W
Fall	LYG	6399	XML_FLIGHT_SUMMARY	10/19/2020 18:13:21	0	0	0	0		
Fall	LYG	6400	POWER_ON	10/19/2020 18:50:05	NA	NA	NA	NA		
Fall	LYG	6400	SCHED	10/19/2020 18:51:00	1	0	322	25	060:46:02.39 N	101:41:34.20 W
Fall	LYG	6400	DEPARTURE	10/19/2020 18:51:55	1	65	368	191	060:45:56.99 N	101:41:13.20 W
Fall	LYG	6400	SCHED	10/19/2020 18:54:00	2	90	564	204	060:43:18.60 N	101:45:24.59 W
Fall	LYG	6400	SCHED	10/19/2020 18:56:07	3	112	617	207	060:39:50.40 N	101:48:23.40 W
Fall	LYG	6400	SCHED	10/19/2020 18:58:13	4	109	570	204	060:36:24.59 N	101:52:13.20 W
Fall	LYG	6400	SCHED	10/19/2020 19:00:22	5	112	550	208	060:32:53.39 N	101:55:33.60 W
Fall	LYG	6400	SCHED	10/19/2020 19:02:33	6	115	483	203	060:29:12.60 N	101:59:03.00 W
Fall	LYG	6400	SCHED	10/19/2020 19:04:42	7	111	450	231	060:25:36.00 N	102:02:58.79 W
Fall	LYG	6400	SCHED	10/19/2020 19:06:52	8	103	520	231	060:24:43.19 N	102:09:51.59 W
Fall	LYG	6400	SCHED	10/19/2020 19:09:04	9	109	560	215	060:22:09.59 N	102:15:22.20 W
Fall	LYG	6400	SCHED	10/19/2020 19:11:18	10	107	527	204	060:18:43.19 N	102:19:25.80 W
Fall	LYG	6400	SCHED	10/19/2020 19:13:30	11	110	540	200	060:15:00.00 N	102:22:40.20 W
Fall	LYG	6400	SCHED	10/19/2020 19:15:39	12	107	559	201	060:11:10.20 N	102:25:04.19 W
Fall	LYG	6400	SCHED	10/19/2020 19:17:49	13	109	581	202	060:07:34.20 N	102:28:00.00 W
Fall	LYG	6400	SCHED	10/19/2020 19:19:58	14	109	568	208	060:03:59.39 N	102:31:08.40 W
Fall	LYG	6400	SCHED	10/19/2020 19:22:09	15	106	484	208	060:00:27.60 N	102:34:38.99 W
Fall	LYG	6400	SCHED	10/19/2020 19:24:16	16	109	555	200	059:56:48.59 N	102:37:28.20 W
Fall	LYG	6400	SCHED	10/19/2020 19:26:28	17	110	532	200	059:53:10.20 N	102:40:21.60 W
Fall	LYG	6400	SCHED	10/19/2020 19:28:35	18	109	527	200	059:49:25.79 N	102:42:54.00 W
Fall	LYG	6400	SCHED	10/19/2020 19:30:46	19	106	524	197	059:45:49.79 N	102:45:32.39 W
Fall	LYG	6400	SCHED	10/19/2020 19:32:52	20	99	612	200	059:42:06.60 N	102:47:53.39 W
Fall	LYG	6400	SCHED	10/19/2020 19:34:56	21	109	702	205	059:38:52.19 N	102:51:04.79 W
Fall	LYG	6400	SCHED	10/19/2020 19:37:07	22	111	662	205	059:35:17.99 N	102:53:47.99 W
Fall	LYG	6400	SCHED	10/19/2020 19:40:02	23	108	671	203	059:30:52.19 N	102:58:01.80 W
Fall	LYG	6400	SCHED	10/19/2020 19:42:10	24	112	670	204	059:26:48.59 N	103:01:22.80 W
Fall	LYG	6400	SCHED	10/19/2020 19:44:18	25	110	705	199	059:23:11.40 N	103:04:14.39 W
Fall	LYG	6400	SCHED	10/19/2020 19:46:29	26	111	717	200	059:19:34.79 N	103:07:01.20 W
Fall	LYG	6400	SCHED	10/19/2020 19:48:37	27	110	642	207	059:15:55.80 N	103:10:17.39 W
Fall	LYG	6400	SCHED	10/19/2020 19:50:45	28	110	633	205	059:12:22.19 N	103:13:19.19 W
Fall	LYG	6400	SCHED	10/19/2020 19:52:56	29	109	632	206	059:08:52.80 N	103:16:33.59 W
Fall	LYG	6400	SCHED	10/19/2020 19:55:01	30	111	611	205	059:05:22.80 N	103:20:09.59 W
Fall	LYG	6400	SCHED	10/19/2020 19:57:09	31	108	664	206	059:01:53.39 N	103:23:07.19 W
Fall	LYG	6400	SCHED	10/19/2020 19:59:18	32	110	698	207	058:58:23.39 N	103:26:08.39 W
Fall	LYG	6400	SCHED	10/19/2020 20:01:24	33	112	684	204	058:54:48.59 N	103:29:30.60 W
Fall	LYG	6400	SCHED	10/19/2020 20:03:37	34	110	671	205	058:51:19.20 N	103:32:32.39 W
Fall	LYG	6400	SCHED	10/19/2020 20:05:46	35	109	670	200	058:47:32.99 N	103:35:06.59 W
Fall	LYG	6400	SCHED	10/19/2020 20:07:56	36	108	661	210	058:44:01.19 N	103:38:15.00 W
Fall	LYG	6400	SCHED	10/19/2020 20:10:04	37	109	662	214	058:40:44.40 N	103:42:31.79 W
Fall	LYG	6400	SCHED	10/19/2020 20:12:16	38	108	652	204	058:37:28.19 N	103:46:06.60 W
Fall	LYG	6400	SCHED	10/19/2020 20:14:23	39	105	691	206	058:34:01.19 N	103:49:21.00 W
Fall	LYG	6400	SCHED	10/19/2020 20:16:34	40	104	701	212	058:30:46.79 N	103:52:39.59 W
Fall	LYG	6400	SCHED	10/19/2020 20:18:38	41	106	693	208	058:27:27.00 N	103:56:06.00 W
Fall	LYG	6400	SCHED	10/19/2020 20:20:44	42	104	739	206	058:24:07.19 N	103:59:05.39 W
Fall	LYG	6400	SCHED	10/19/2020 20:22:54	43	111	719	198	058:20:38.39 N	104:01:36.59 W
Fall	LYG	6400	SCHED	10/19/2020 20:25:02	44	104	610	198	058:16:56.99 N	104:04:20.40 W
Fall	LYG	6400	ARRIVAL	10/19/2020 20:27:13	1	0	472	236	058:16:05.40 N	104:04:50.99 W

Table 3 Track Data (August to October 2020)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	LYG	6400	XML_FLIGHT_SUMMARY	10/19/2020 20:27:14	0	0	0	0		
Fall	LYG	6400	SCHED	10/19/2020 20:32:23	45	0	478	121	058:16:05.99 N	104:04:59.39 W
Fall	LYG	6401	POWER_ON	10/19/2020 20:52:57	NA	NA	NA	NA		
Fall	LYG	6401	SCHED	10/19/2020 20:53:45	1	0	476	33	058:16:05.99 N	104:04:59.39 W
Fall	LYG	6401	DEPARTURE	10/19/2020 20:55:41	1	70	554	207	058:15:50.40 N	104:05:19.79 W
Fall	LYG	6401	SCHED	10/19/2020 20:57:48	2	101	605	196	058:12:26.40 N	104:06:33.60 W
Fall	LYG	6401	SCHED	10/19/2020 21:01:23	3	106	699	189	058:07:22.19 N	104:08:36.60 W
Fall	LYG	6401	SCHED	10/19/2020 21:03:41	4	111	675	191	058:02:55.80 N	104:10:32.39 W
Fall	LYG	6401	SCHED	10/19/2020 21:05:47	5	115	983	188	057:59:10.80 N	104:11:55.20 W
Fall	LYG	6401	SCHED	10/19/2020 21:07:58	6	114	930	194	057:55:23.39 N	104:13:13.80 W
Fall	LYG	6401	SCHED	10/19/2020 21:10:11	7	115	818	190	057:51:19.20 N	104:14:27.60 W
Fall	LYG	6401	SCHED	10/19/2020 21:12:30	8	113	773	189	057:47:20.40 N	104:15:52.19 W
Fall	LYG	6401	SCHED	10/19/2020 21:14:45	9	109	757	196	057:42:54.60 N	104:17:43.80 W
Fall	LYG	6401	SCHED	10/19/2020 21:16:53	10	109	748	190	057:39:05.99 N	104:18:58.79 W
Fall	LYG	6401	SCHED	10/19/2020 21:19:04	11	112	654	197	057:35:10.19 N	104:20:17.39 W
Fall	LYG	6401	SCHED	10/19/2020 21:21:12	12	109	657	197	057:31:18.59 N	104:22:13.80 W
Fall	LYG	6401	SCHED	10/19/2020 21:23:22	13	104	787	189	057:27:30.00 N	104:23:25.20 W
Fall	LYG	6401	SCHED	10/19/2020 21:25:30	14	106	805	197	057:23:40.79 N	104:24:49.79 W
Fall	LYG	6401	SCHED	10/19/2020 21:27:43	15	110	802	185	057:19:58.19 N	104:25:51.59 W
Fall	LYG	6401	SCHED	10/19/2020 21:29:51	16	104	725	191	057:16:09.60 N	104:27:25.80 W
Fall	LYG	6401	SCHED	10/19/2020 21:31:57	17	106	660	208	057:12:34.79 N	104:29:16.19 W
Fall	LYG	6401	SCHED	10/19/2020 21:34:05	18	109	633	186	057:09:24.00 N	104:32:12.60 W
Fall	LYG	6401	SCHED	10/19/2020 21:36:12	19	109	689	187	057:05:43.80 N	104:33:19.79 W
Fall	LYG	6401	SCHED	10/19/2020 21:38:21	20	102	748	193	057:01:58.20 N	104:34:16.79 W
Fall	LYG	6401	SCHED	10/19/2020 21:40:33	21	109	678	187	056:58:09.00 N	104:35:19.19 W
Fall	LYG	6401	SCHED	10/19/2020 21:42:39	22	109	644	192	056:54:17.39 N	104:36:40.20 W
Fall	LYG	6401	SCHED	10/19/2020 21:44:45	23	114	606	193	056:50:30.00 N	104:38:01.20 W
Fall	LYG	6401	SCHED	10/19/2020 21:46:50	24	109	600	188	056:46:44.40 N	104:39:32.39 W
Fall	LYG	6401	SCHED	10/19/2020 21:49:02	25	104	594	189	056:42:57.60 N	104:40:42.60 W
Fall	LYG	6401	SCHED	10/19/2020 21:51:09	26	103	712	194	056:39:10.79 N	104:41:54.59 W
Fall	LYG	6401	SCHED	10/19/2020 21:53:15	27	109	659	189	056:35:27.00 N	104:43:16.19 W
Fall	LYG	6401	SCHED	10/19/2020 21:55:21	28	109	656	190	056:31:43.80 N	104:44:33.00 W
Fall	LYG	6401	SCHED	10/19/2020 21:57:30	29	109	639	190	056:28:02.39 N	104:45:45.00 W
Fall	LYG	6401	SCHED	10/19/2020 21:59:41	30	109	642	190	056:24:16.19 N	104:47:12.60 W
Fall	LYG	6401	SCHED	10/19/2020 22:01:49	31	109	607	193	056:20:20.99 N	104:48:42.60 W
Fall	LYG	6401	SCHED	10/19/2020 22:05:25	32	105	602	193	056:14:46.19 N	104:50:57.60 W
Fall	LYG	6401	SCHED	10/19/2020 22:07:40	33	106	550	199	056:10:15.00 N	104:52:55.20 W
Fall	LYG	6401	SCHED	10/19/2020 22:10:06	34	107	543	190	056:05:54.59 N	104:54:31.19 W
Fall	LYG	6401	SCHED	10/19/2020 22:12:12	35	105	584	196	056:02:03.60 N	104:55:57.00 W
Fall	LYG	6401	SCHED	10/19/2020 22:14:22	36	107	623	187	055:58:26.39 N	104:57:25.20 W
Fall	LYG	6401	SCHED	10/19/2020 22:16:29	37	110	621	193	055:54:36.60 N	104:58:51.00 W
Fall	LYG	6401	SCHED	10/19/2020 22:18:43	38	111	585	195	055:50:41.40 N	105:00:26.40 W
Fall	LYG	6401	SCHED	10/19/2020 22:20:49	39	106	593	190	055:46:56.40 N	105:02:12.60 W
Fall	LYG	6401	SCHED	10/19/2020 22:22:55	40	107	595	193	055:43:15.59 N	105:03:25.79 W
Fall	LYG	6401	SCHED	10/19/2020 22:25:55	41	107	659	187	055:38:42.60 N	105:05:09.59 W
Fall	LYG	6401	SCHED	10/19/2020 22:28:10	42	115	628	192	055:34:19.79 N	105:06:55.80 W
Fall	LYG	6401	SCHED	10/19/2020 22:30:18	43	111	625	189	055:30:14.39 N	105:08:13.20 W
Fall	LYG	6401	SCHED	10/19/2020 22:32:30	44	108	597	187	055:26:26.40 N	105:09:11.39 W
Fall	LYG	6401	SCHED	10/19/2020 22:34:43	45	105	614	190	055:22:34.79 N	105:10:23.39 W
Fall	LYG	6401	SCHED	10/19/2020 22:37:39	46	106	650	195	055:17:49.79 N	105:12:19.19 W
Fall	LYG	6401	SCHED	10/19/2020 22:39:50	47	106	628	198	055:13:46.19 N	105:14:05.39 W
Fall	LYG	6401	SCHED	10/19/2020 22:42:08	48	104	714	202	055:10:17.39 N	105:16:24.59 W
Fall	LYG	6401	SCHED	10/19/2020 22:44:18	49	13	399	110	055:06:52.80 N	105:18:00.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	98	POWER_ON	05/10/2021 14:31:27	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 14:32:10	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:36:07	2	0	99	0	065:01:25.20 N	096:04:18.00 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:38:19	3	0	101	0	065:01:25.20 N	096:04:17.39 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:40:30	4	0	104	0	065:01:25.79 N	096:04:17.39 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:43:30	5	0	106	0	065:01:25.79 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:45:42	6	0	108	0	065:01:25.79 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:47:48	7	0	110	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:49:58	8	0	111	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:52:20	9	0	112	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/10/2021 14:54:29	10	0	113	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 15:04:28	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 15:05:06	1	0	135	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 15:08:21	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 15:09:02	1	0	131	0	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/10/2021 15:11:20	2	0	131	268	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/10/2021 15:13:28	3	0	130	268	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/10/2021 15:15:35	4	0	130	268	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/10/2021 15:17:44	5	0	130	268	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/10/2021 15:19:58	6	0	130	268	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 15:41:51	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 15:42:32	1	0	136	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 16:37:59	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 16:38:49	1	0	132	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 18:27:49	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 18:28:17	1	0	96	0	065:01:27.00 N	096:04:21.00 W
Spring	C-GLYF	98	SCHED	05/10/2021 18:30:25	2	0	104	0	065:01:27.00 N	096:04:19.79 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 18:31:36	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 18:32:18	1	0	143	29	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	POWER_ON	05/10/2021 18:34:26	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/10/2021 18:37:32	1	0	138	5	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/10/2021 18:39:41	2	0	137	5	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/12/2021 14:18:19	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/12/2021 14:19:01	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	DEPARTURE	05/12/2021 14:20:53	1	31	0	268	065:34:49.19 N	094:36:18.59 W
Spring	C-GLYF	98	ARRIVAL	05/12/2021 14:22:50	1	0	139	117	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/12/2021 14:25:03	2	0	138	117	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/12/2021 14:27:09	3	0	138	117	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/13/2021 18:10:22	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/13/2021 18:11:12	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/13/2021 18:13:28	2	0	137	0	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	SCHED	05/13/2021 18:15:36	3	0	136	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	POWER_ON	05/18/2021 01:47:34	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/18/2021 01:48:12	1	0	147	0	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	98	POWER_ON	05/21/2021 20:17:50	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/21/2021 20:18:59	1	0	132	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:21:06	2	8	161	247	065:01:24.59 N	096:04:13.79 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:23:14	3	0	133	40	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:25:20	4	1	132	42	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:27:32	5	0	134	58	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:29:39	6	0	133	58	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:31:44	7	0	132	58	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	POWER_ON	05/21/2021 20:34:02	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/21/2021 20:34:40	1	0	143	336	065:01:25.20 N	096:04:15.60 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:36:51	2	0	141	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:38:59	3	0	141	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:41:05	4	0	141	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:43:13	5	0	141	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:45:23	6	0	141	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 20:47:29	7	0	140	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	98	POWER_ON	05/21/2021 21:05:21	NA	NA	NA	NA		
Spring	C-GLYF	98	SCHED	05/21/2021 21:05:51	1	0	130	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:07:59	2	0	134	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:10:09	3	0	138	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:12:18	4	46	183	294	065:01:30.00 N	096:04:24.59 W
Spring	C-GLYF	98	DEPARTURE	05/21/2021 21:12:26	1	63	201	279	065:01:32.39 N	096:04:47.40 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:14:44	5	5	176	36	065:01:52.80 N	096:09:30.60 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:16:55	6	67	249	81	065:02:06.60 N	096:08:55.20 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:19:04	7	58	284	49	065:03:08.99 N	096:04:10.20 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:21:13	8	61	260	27	065:04:28.20 N	095:59:31.79 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:23:26	9	82	307	232	065:04:52.19 N	096:01:22.80 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:25:32	10	94	299	230	065:02:30.00 N	096:06:42.60 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:27:45	11	3	192	262	065:01:52.80 N	096:09:30.60 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:30:00	12	52	284	50	065:02:42.59 N	096:06:37.19 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:32:10	13	54	281	61	065:03:47.39 N	096:02:30.60 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:34:20	14	11	191	0	065:04:51.60 N	095:59:20.40 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:36:26	15	83	291	236	065:04:16.79 N	096:03:28.20 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:38:41	16	97	261	218	065:01:53.39 N	096:08:13.20 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:40:50	17	61	234	56	065:02:14.40 N	096:08:41.99 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:43:04	18	66	306	55	065:03:22.20 N	096:04:14.39 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:45:17	19	57	255	6	065:04:40.80 N	095:59:20.99 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:47:27	20	94	275	219	065:04:53.40 N	096:01:41.99 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:49:37	21	81	269	232	065:02:32.39 N	096:06:16.20 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:51:45	22	1	181	23	065:01:53.39 N	096:09:29.40 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:53:52	23	47	307	44	065:02:51.60 N	096:06:55.20 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:55:59	24	58	293	54	065:04:08.99 N	096:03:45.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 21:58:10	25	36	266	88	065:05:06.60 N	095:59:49.79 W
Spring	C-GLYF	98	SCHED	05/21/2021 22:00:17	26	1	177	182	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	98	SCHED	05/21/2021 22:02:24	27	0	151	352	065:04:50.99 N	095:59:20.99 W
Spring	C-GLYF	98	ARRIVAL	05/21/2021 22:02:40	1	0	151	352	065:04:50.99 N	095:59:20.99 W
Spring	C-GLYF	98	XML_FLIGHT_SUMMARY	05/21/2021 22:02:41	0	0	0	0		
Spring	C-GLYF	99	DEPARTURE	05/21/2021 22:04:42	2	31	202	321	065:05:04.20 N	095:59:32.39 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:07:04	28	42	200	22	065:05:10.79 N	095:59:39.59 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:09:14	29	13	190	322	065:05:05.99 N	095:59:36.59 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:11:20	30	76	291	279	065:05:05.99 N	096:00:12.60 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:13:28	31	84	361	219	065:03:20.40 N	096:06:06.59 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:15:41	32	0	183	0	065:01:53.39 N	096:09:30.00 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:17:58	33	18	243	6	065:02:02.99 N	096:09:33.00 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:20:08	34	18	361	18	065:02:38.39 N	096:09:06.59 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:22:15	35	33	306	52	065:03:24.59 N	096:07:49.79 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:24:27	36	48	270	83	065:03:44.39 N	096:04:25.80 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:26:34	37	39	446	53	065:04:06.60 N	096:03:24.59 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:28:46	38	30	227	43	065:04:34.80 N	095:59:44.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	99	SCHED	05/21/2021 22:30:57	39	3	190	354	065:05:07.20 N	095:59:39.59 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:33:09	40	94	311	205	065:04:26.40 N	096:02:14.39 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:35:19	41	8	198	324	065:01:24.59 N	096:04:13.79 W
Spring	C-GLYF	99	ARRIVAL	05/21/2021 22:38:32	2	0	143	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	99	XML_FLIGHT_SUMMARY	05/21/2021 22:38:33	0	0	0	0		
Spring	C-GLYF	99	SCHED	05/21/2021 22:39:06	42	0	142	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:41:14	43	0	141	336	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:43:21	44	0	142	159	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:45:30	45	0	141	88	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:47:52	46	0	141	88	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	99	SCHED	05/21/2021 22:50:07	47	0	143	88	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	100	POWER_ON	05/22/2021 11:35:48	NA	NA	NA	NA		
Spring	C-GLYF	100	SCHED	05/22/2021 11:36:42	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:38:53	2	0	139	0	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	100	POWER_ON	05/22/2021 11:45:09	NA	NA	NA	NA		
Spring	C-GLYF	100	SCHED	05/22/2021 11:46:15	1	0	144	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:48:24	2	0	141	119	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:50:33	3	0	142	297	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:52:43	4	6	152	300	065:01:27.00 N	096:04:17.39 W
Spring	C-GLYF	100	DEPARTURE	05/22/2021 11:53:08	1	73	172	305	065:01:37.80 N	096:04:56.40 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:55:25	5	95	341	312	065:03:30.00 N	096:10:54.59 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:57:33	6	96	294	282	065:05:24.59 N	096:17:49.79 W
Spring	C-GLYF	100	SCHED	05/22/2021 11:59:38	7	88	560	318	065:06:56.40 N	096:23:39.59 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:01:51	8	98	514	340	065:09:24.60 N	096:28:51.00 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:04:06	9	98	555	341	065:12:48.59 N	096:31:25.79 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:06:15	10	100	537	343	065:16:12.60 N	096:34:29.39 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:08:27	11	102	462	357	065:19:46.80 N	096:35:55.80 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:10:34	12	93	349	312	065:22:58.79 N	096:39:41.99 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:12:45	13	119	415	151	065:24:33.60 N	096:39:54.59 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:14:53	14	0	165	354	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	100	ARRIVAL	05/22/2021 12:15:11	1	0	165	354	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	100	XML_FLIGHT_SUMMARY	05/22/2021 12:15:12	0	0	0	0		
Spring	C-GLYF	100	SCHED	05/22/2021 12:17:22	15	0	166	354	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	100	SCHED	05/22/2021 12:19:28	16	0	165	208	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	101	POWER_ON	05/22/2021 13:19:17	NA	NA	NA	NA		
Spring	C-GLYF	101	SCHED	05/22/2021 13:20:34	1	0	160	0	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:22:43	2	0	161	0	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:24:53	3	0	160	0	065:23:54.59 N	096:40:28.79 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:27:01	4	45	184	182	065:23:50.40 N	096:40:31.19 W
Spring	C-GLYF	101	DEPARTURE	05/22/2021 13:28:07	1	62	225	155	065:23:37.19 N	096:40:23.99 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:30:21	5	122	417	143	065:19:28.80 N	096:33:42.60 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:32:29	6	118	450	153	065:15:53.39 N	096:27:49.19 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:34:40	7	120	466	153	065:12:06.60 N	096:23:53.99 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:36:51	8	127	457	140	065:08:26.39 N	096:18:31.80 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:39:08	9	122	411	139	065:05:08.99 N	096:11:16.19 W
Spring	C-GLYF	101	SCHED	05/22/2021 13:41:32	10	79	180	122	065:01:37.19 N	096:04:44.39 W
Spring	C-GLYF	101	ARRIVAL	05/22/2021 13:43:19	1	0	132	203	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	101	XML_FLIGHT_SUMMARY	05/22/2021 13:43:20	0	0	0	0		
Spring	C-GLYF	101	SCHED	05/22/2021 13:45:31	11	0	130	203	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	102	POWER_ON	05/22/2021 14:37:33	NA	NA	NA	NA		
Spring	C-GLYF	102	SCHED	05/22/2021 14:40:48	1	38	183	300	065:01:27.60 N	096:04:25.20 W
Spring	C-GLYF	102	DEPARTURE	05/22/2021 14:40:54	1	63	243	354	065:01:38.39 N	096:04:40.80 W
Spring	C-GLYF	102	SCHED	05/22/2021 14:43:06	2	97	283	32	065:04:23.39 N	095:59:26.99 W
Spring	C-GLYF	102	SCHED	05/22/2021 14:45:15	3	0	143	202	065:04:52.80 N	095:59:23.40 W
Spring	C-GLYF	102	ARRIVAL	05/22/2021 14:45:25	1	0	143	202	065:04:52.80 N	095:59:23.40 W
Spring	C-GLYF	102	XML_FLIGHT_SUMMARY	05/22/2021 14:45:26	0	0	0	0		
Spring	C-GLYF	102	SCHED	05/22/2021 14:47:32	4	0	142	202	065:04:52.80 N	095:59:23.99 W
Spring	C-GLYF	103	POWER_ON	05/22/2021 15:19:31	NA	NA	NA	NA		
Spring	C-GLYF	103	SCHED	05/22/2021 15:20:09	1	0	137	0	065:04:52.80 N	095:59:23.40 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:22:24	2	0	140	0	065:04:52.80 N	095:59:23.40 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:24:32	3	4	178	124	065:04:51.60 N	095:59:20.99 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:26:42	4	1	173	332	065:04:53.40 N	095:59:18.60 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:28:53	5	0	185	190	065:04:53.40 N	095:59:18.60 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:31:01	6	0	186	354	065:05:07.79 N	095:59:38.40 W
Spring	C-GLYF	103	DEPARTURE	05/22/2021 15:32:30	1	82	228	102	065:05:19.79 N	095:59:19.19 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:34:38	7	1	181	349	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:36:46	8	34	203	331	065:05:01.20 N	095:59:30.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:38:53	9	1	182	277	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:41:00	10	1	182	20	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:43:07	11	13	203	315	065:04:52.19 N	095:59:18.60 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:45:24	12	11	204	330	065:05:07.20 N	095:59:36.59 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:47:32	13	58	224	226	065:04:52.80 N	095:59:01.80 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:49:40	14	0	182	308	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:51:53	15	2	189	276	065:05:07.79 N	095:59:38.40 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:54:02	16	28	221	354	065:04:55.19 N	095:59:22.80 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:56:08	17	41	222	293	065:04:49.79 N	095:59:13.19 W
Spring	C-GLYF	103	SCHED	05/22/2021 15:58:15	18	36	204	316	065:05:09.59 N	095:59:45.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:00:23	19	24	219	325	065:05:05.99 N	095:59:34.79 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:02:30	20	1	185	151	065:05:07.20 N	095:59:39.59 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:04:37	21	1	190	95	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:06:44	22	55	205	283	065:04:50.99 N	095:59:00.60 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:08:51	23	1	183	348	065:04:52.80 N	095:59:18.60 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:11:00	24	2	188	280	065:04:52.80 N	095:59:18.60 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:13:08	25	65	229	216	065:04:53.99 N	095:58:57.59 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:15:15	26	75	221	103	065:05:16.79 N	095:59:14.40 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:17:22	27	1	191	293	065:05:08.40 N	095:59:38.40 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:19:29	28	15	190	303	065:04:53.99 N	095:59:19.19 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:21:44	29	1	176	288	065:04:51.60 N	095:59:19.19 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:23:52	30	15	187	294	065:04:50.99 N	095:59:17.39 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:25:59	31	75	196	142	065:05:13.20 N	095:59:40.20 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:28:06	32	1	174	270	065:05:24.00 N	095:59:44.39 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:30:13	33	1	182	353	065:04:53.40 N	095:59:18.00 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:32:21	34	79	265	195	065:04:55.79 N	095:58:56.39 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:34:28	35	79	330	219	065:02:21.59 N	096:02:19.20 W
Spring	C-GLYF	103	SCHED	05/22/2021 16:36:35	36	0	148	37	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	103	ARRIVAL	05/22/2021 16:37:08	1	0	146	37	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	103	XML_FLIGHT_SUMMARY	05/22/2021 16:37:09	0	0	0	0		
Spring	C-GLYF	103	SCHED	05/22/2021 16:39:15	37	0	142	37	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	POWER_ON	05/22/2021 16:41:04	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	104	SCHED	05/22/2021 16:41:44	1	0	146	0	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:43:50	2	0	141	0	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:45:57	3	0	142	0	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:48:04	4	0	142	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:50:13	5	0	142	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:52:21	6	0	142	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:54:27	7	0	142	0	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:56:35	8	0	141	0	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 16:58:44	9	0	141	285	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:00:57	10	50	220	311	065:01:32.39 N	096:04:35.40 W
Spring	C-GLYF	104	DEPARTURE	05/22/2021 17:01:05	1	55	230	324	065:01:35.40 N	096:04:41.99 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:03:12	11	99	300	38	065:03:50.39 N	096:00:17.99 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:05:22	12	22	210	332	065:05:05.99 N	095:59:34.79 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:07:30	13	4	188	337	065:04:50.99 N	095:59:19.19 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:09:38	14	1	182	188	065:05:07.79 N	095:59:38.40 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:11:45	15	26	214	337	065:05:05.99 N	095:59:35.40 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:13:53	16	1	171	327	065:04:51.60 N	095:59:19.19 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:16:09	17	89	223	65	065:05:21.00 N	095:59:33.59 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:18:20	18	0	175	185	065:05:24.59 N	095:59:44.39 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:20:32	19	1	177	66	065:04:53.40 N	095:59:19.79 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:22:39	20	82	238	193	065:05:01.79 N	095:58:47.39 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:24:48	21	2	194	241	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:27:06	22	1	169	287	065:04:52.80 N	095:59:17.39 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:29:13	23	2	164	277	065:04:52.80 N	095:59:18.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:31:23	24	81	237	69	065:05:19.79 N	095:59:30.60 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:33:36	25	1	197	340	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:35:47	26	1	182	267	065:04:53.40 N	095:59:18.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:38:01	27	42	229	239	065:04:52.19 N	095:59:08.99 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:40:12	28	81	227	49	065:05:18.59 N	095:59:40.79 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:42:20	29	0	194	331	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:44:35	30	46	206	334	065:05:00.60 N	095:59:26.40 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:46:49	31	1	183	324	065:04:53.40 N	095:59:18.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:48:58	32	16	213	276	065:04:52.80 N	095:59:15.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:51:07	33	68	213	215	065:04:56.40 N	095:59:00.00 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:53:15	34	7	181	217	065:05:07.79 N	095:59:38.40 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:55:29	35	71	283	212	065:04:12.60 N	095:59:40.79 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:57:47	36	76	297	213	065:01:49.80 N	096:03:06.59 W
Spring	C-GLYF	104	SCHED	05/22/2021 17:59:56	37	0	142	256	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	104	ARRIVAL	05/22/2021 18:01:23	1	0	140	256	065:01:25.20 N	096:04:14.39 W
Spring	C-GLYF	104	XML_FLIGHT_SUMMARY	05/22/2021 18:01:24	0	0	0	0		
Spring	C-GLYF	105	POWER_ON	05/22/2021 18:03:13	NA	NA	NA	NA		
Spring	C-GLYF	105	SCHED	05/22/2021 18:03:49	1	0	142	185	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	105	POWER_ON	05/22/2021 18:27:40	NA	NA	NA	NA		
Spring	C-GLYF	105	SCHED	05/22/2021 18:28:19	1	0	143	260	065:01:25.20 N	096:04:14.39 W
Spring	C-GLYF	105	SCHED	05/22/2021 18:30:39	2	0	143	179	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	SCHED	05/22/2021 18:32:48	3	0	144	179	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	SCHED	05/22/2021 18:34:56	4	0	137	175	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	SCHED	05/22/2021 18:37:52	5	0	138	205	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	POWER_ON	05/22/2021 19:16:33	NA	NA	NA	NA		
Spring	C-GLYF	105	SCHED	05/22/2021 19:17:20	1	0	138	0	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	POWER_ON	05/22/2021 19:19:18	NA	NA	NA	NA		
Spring	C-GLYF	105	POWER_ON	05/22/2021 19:20:55	NA	NA	NA	NA		
Spring	C-GLYF	105	SCHED	05/22/2021 19:21:35	1	0	141	0	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	SCHED	05/22/2021 19:23:42	2	0	139	0	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	POWER_ON	05/22/2021 20:59:46	NA	NA	NA	NA		
Spring	C-GLYF	105	SCHED	05/22/2021 21:01:47	1	0	129	60	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	105	SCHED	05/22/2021 21:03:59	2	2	179	161	065:01:25.20 N	096:04:15.60 W
Spring	C-GLYF	105	SCHED	05/22/2021 21:06:24	3	0	142	125	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	105	SCHED	05/22/2021 21:08:34	4	0	140	125	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	105	SCHED	05/22/2021 21:10:41	5	1	137	114	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	105	POWER_ON	05/23/2021 15:44:26	NA	NA	NA	NA		
Spring	C-GLYF	105	SCHED	05/23/2021 15:44:53	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	105	SCHED	05/23/2021 15:47:00	2	0	152	0	065:01:26.40 N	096:04:17.39 W
Spring	C-GLYF	105	SCHED	05/23/2021 15:49:12	3	0	157	241	065:01:26.40 N	096:04:17.39 W
Spring	C-GLYF	105	SCHED	05/23/2021 15:51:19	4	0	159	241	065:01:26.40 N	096:04:17.39 W
Spring	C-GLYF	105	DEPARTURE	05/23/2021 15:52:39	1	56	224	45	065:01:36.00 N	096:03:45.00 W
Spring	C-GLYF	105	SCHED	05/23/2021 15:54:49	5	95	269	21	065:04:08.99 N	095:59:48.00 W
Spring	C-GLYF	105	SCHED	05/23/2021 15:57:07	6	67	198	297	065:05:27.00 N	095:59:21.59 W
Spring	C-GLYF	105	SCHED	05/23/2021 15:59:21	7	4	166	275	065:04:52.19 N	095:59:19.79 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:01:29	8	1	161	91	065:04:55.19 N	095:58:33.59 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:03:44	9	53	189	56	065:04:51.60 N	095:59:04.19 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:05:50	10	14	178	115	065:04:52.19 N	095:59:19.19 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:08:03	11	16	184	120	065:04:52.19 N	095:59:20.99 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:10:11	12	69	215	314	065:04:45.00 N	095:59:32.39 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:12:18	13	2	156	259	065:04:55.79 N	095:58:32.99 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:14:31	14	44	199	84	065:04:58.80 N	095:58:44.39 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:16:37	15	1	164	185	065:04:52.19 N	095:59:18.60 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:18:45	16	74	217	221	065:02:55.80 N	096:00:48.00 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:20:52	17	1	151	159	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	105	SCHED	05/23/2021 16:23:01	18	0	138	228	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	105	ARRIVAL	05/23/2021 16:23:11	1	0	138	228	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	105	XML_FLIGHT_SUMMARY	05/23/2021 16:23:12	0	0	0	0		
Spring	C-GLYF	105	SCHED	05/23/2021 16:25:18	19	0	140	228	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	106	POWER_ON	05/23/2021 16:29:17	NA	NA	NA	NA		
Spring	C-GLYF	106	SCHED	05/23/2021 16:29:48	1	0	139	112	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	SCHED	05/23/2021 16:31:59	2	0	137	112	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	SCHED	05/23/2021 16:34:09	3	0	136	112	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	SCHED	05/23/2021 16:36:16	4	0	136	284	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	POWER_ON	05/23/2021 22:58:31	NA	NA	NA	NA		
Spring	C-GLYF	106	POWER_ON	05/23/2021 23:00:33	NA	NA	NA	NA		
Spring	C-GLYF	106	SCHED	05/23/2021 23:01:12	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:03:21	2	26	146	95	065:01:26.40 N	096:04:14.39 W
Spring	C-GLYF	106	DEPARTURE	05/23/2021 23:03:38	1	62	187	75	065:01:23.99 N	096:03:37.80 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:05:44	3	99	206	11	065:04:04.79 N	095:59:39.59 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:07:52	4	0	145	110	065:05:07.79 N	095:59:41.39 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:10:00	5	0	146	110	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:12:16	6	0	147	350	065:05:08.40 N	095:59:41.39 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:15:16	7	104	188	178	065:03:47.39 N	095:59:58.80 W
Spring	C-GLYF	106	SCHED	05/23/2021 23:17:36	8	0	138	107	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	ARRIVAL	05/23/2021 23:17:54	1	0	138	107	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	106	XML_FLIGHT_SUMMARY	05/23/2021 23:17:55	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	106	SCHED	05/23/2021 23:20:01	9	0	140	107	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	107	POWER_ON	05/24/2021 11:05:54	NA	NA	NA	NA		
Spring	C-GLYF	107	SCHED	05/24/2021 11:06:37	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	107	DEPARTURE	05/24/2021 11:07:47	1	52	0	0	065:01:41.39 N	096:04:06.59 W
Spring	C-GLYF	107	SCHED	05/24/2021 11:10:00	2	75	0	40	065:03:22.79 N	096:01:08.99 W
Spring	C-GLYF	107	SCHED	05/24/2021 11:12:07	3	0	160	129	065:05:08.40 N	095:59:41.39 W
Spring	C-GLYF	107	ARRIVAL	05/24/2021 11:12:33	1	0	160	129	065:05:08.40 N	095:59:41.39 W
Spring	C-GLYF	107	XML_FLIGHT_SUMMARY	05/24/2021 11:12:34	0	0	0	0		
Spring	C-GLYF	107	SCHED	05/24/2021 11:14:42	4	0	155	129	065:05:08.40 N	095:59:41.39 W
Spring	C-GLYF	107	SCHED	05/24/2021 11:16:54	5	0	155	129	065:05:08.40 N	095:59:41.39 W
Spring	C-GLYF	107	SCHED	05/24/2021 11:19:03	6	0	154	129	065:05:08.40 N	095:59:41.39 W
Spring	C-GLYF	108	DEPARTURE	05/24/2021 11:19:53	2	82	197	161	065:04:59.40 N	095:59:08.39 W
Spring	C-GLYF	108	SCHED	05/24/2021 11:22:02	7	118	293	202	065:01:52.80 N	096:05:17.39 W
Spring	C-GLYF	108	ARRIVAL	05/24/2021 11:23:45	2	0	141	111	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	108	XML_FLIGHT_SUMMARY	05/24/2021 11:23:46	0	0	0	0		
Spring	C-GLYF	108	SCHED	05/24/2021 11:25:52	8	1	155	165	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	109	DEPARTURE	05/24/2021 11:26:18	3	59	219	353	065:01:42.59 N	096:04:13.79 W
Spring	C-GLYF	109	SCHED	05/24/2021 11:28:25	9	71	267	10	065:03:25.20 N	096:01:00.60 W
Spring	C-GLYF	109	SCHED	05/24/2021 11:30:32	10	6	182	90	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	109	ARRIVAL	05/24/2021 11:32:34	3	0	153	169	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	109	XML_FLIGHT_SUMMARY	05/24/2021 11:32:35	0	0	0	0		
Spring	C-GLYF	109	SCHED	05/24/2021 11:32:48	11	0	153	169	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	109	SCHED	05/24/2021 11:35:00	12	1	168	252	065:05:07.79 N	095:59:39.59 W
Spring	C-GLYF	110	DEPARTURE	05/24/2021 11:35:26	4	63	229	167	065:04:54.60 N	095:59:14.40 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:37:35	13	73	271	233	065:02:57.60 N	096:03:01.19 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:39:46	14	1	163	87	065:01:20.40 N	096:04:28.20 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:41:54	15	71	239	33	065:02:47.39 N	096:01:17.99 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:44:02	16	47	203	345	065:04:56.99 N	095:59:24.59 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:46:09	17	10	181	123	065:04:52.19 N	095:59:19.19 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:48:16	18	70	197	127	065:05:03.59 N	095:59:08.39 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:50:30	19	0	168	340	065:05:24.59 N	095:59:44.39 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:52:46	20	81	224	151	065:04:52.80 N	095:58:54.00 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:54:53	21	92	248	205	065:02:16.20 N	096:04:28.20 W
Spring	C-GLYF	110	SCHED	05/24/2021 11:57:05	22	0	147	303	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	110	ARRIVAL	05/24/2021 11:57:11	4	0	147	303	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	110	XML_FLIGHT_SUMMARY	05/24/2021 11:57:12	0	0	0	0		
Spring	C-GLYF	110	SCHED	05/24/2021 11:59:17	23	0	148	103	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	111	POWER_ON	05/24/2021 15:00:20	NA	NA	NA	NA		
Spring	C-GLYF	111	SCHED	05/24/2021 15:00:47	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:02:56	2	0	130	242	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:05:17	3	0	127	347	065:01:24.59 N	096:04:14.39 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:07:24	4	0	127	347	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:09:36	5	1	130	151	065:01:24.59 N	096:04:14.39 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:11:42	6	0	132	323	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	111	POWER_ON	05/24/2021 15:32:52	NA	NA	NA	NA		
Spring	C-GLYF	111	SCHED	05/24/2021 15:33:20	1	0	134	0	065:01:24.59 N	096:04:15.00 W
Spring	C-GLYF	111	DEPARTURE	05/24/2021 15:35:07	1	54	203	308	065:01:38.39 N	096:04:37.80 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:37:23	2	58	277	335	065:03:19.20 N	096:07:43.79 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:39:30	3	58	281	352	065:05:27.59 N	096:08:37.19 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:41:36	4	63	240	348	065:07:37.80 N	096:09:19.79 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:43:46	5	65	246	331	065:09:41.99 N	096:10:50.40 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:46:02	6	68	240	328	065:11:41.40 N	096:14:00.00 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:48:08	7	70	236	318	065:13:52.80 N	096:17:08.40 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:50:15	8	73	263	308	065:15:36.00 N	096:21:12.60 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:52:23	9	62	267	323	065:17:16.20 N	096:24:33.60 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:54:31	10	67	264	314	065:18:50.99 N	096:28:22.80 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:56:40	11	62	261	317	065:20:31.19 N	096:32:03.00 W
Spring	C-GLYF	111	SCHED	05/24/2021 15:58:59	12	62	272	323	065:22:13.20 N	096:35:22.19 W
Spring	C-GLYF	111	SCHED	05/24/2021 16:01:10	13	58	229	313	065:23:39.60 N	096:40:16.80 W
Spring	C-GLYF	111	SCHED	05/24/2021 16:03:18	14	0	158	358	065:23:54.59 N	096:40:31.19 W
Spring	C-GLYF	111	ARRIVAL	05/24/2021 16:03:44	1	0	158	358	065:23:54.59 N	096:40:31.19 W
Spring	C-GLYF	111	XML_FLIGHT_SUMMARY	05/24/2021 16:03:45	0	0	0	0		
Spring	C-GLYF	112	POWER_ON	05/24/2021 16:55:54	NA	NA	NA	NA		
Spring	C-GLYF	112	SCHED	05/24/2021 16:56:34	1	0	165	234	065:23:54.59 N	096:40:31.19 W
Spring	C-GLYF	112	DEPARTURE	05/24/2021 16:59:00	1	63	220	74	065:23:57.00 N	096:39:48.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:01:09	2	69	229	55	065:25:30.60 N	096:40:41.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:03:19	3	11	174	296	065:25:40.20 N	096:40:00.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:05:27	4	18	180	294	065:25:53.39 N	096:40:38.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:07:38	5	17	181	248	065:25:54.00 N	096:41:33.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:09:48	6	42	182	354	065:26:04.20 N	096:41:50.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:12:00	7	25	188	18	065:26:26.99 N	096:41:51.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:14:10	8	1	175	33	065:26:16.80 N	096:42:39.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:16:19	9	19	159	251	065:26:35.99 N	096:42:56.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:18:24	10	6	151	6	065:26:29.40 N	096:43:24.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:20:32	11	3	152	317	065:26:30.00 N	096:43:38.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:22:46	12	5	145	327	065:26:30.00 N	096:43:39.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:24:57	13	21	161	339	065:26:36.60 N	096:43:49.79 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:27:08	14	14	151	99	065:26:39.59 N	096:43:54.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:29:14	15	15	166	349	065:26:40.79 N	096:43:43.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:31:24	16	27	152	316	065:27:11.99 N	096:45:38.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:33:30	17	10	148	268	065:27:16.80 N	096:45:46.80 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:35:43	18	3	154	353	065:27:19.19 N	096:46:01.79 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:37:51	19	13	168	85	065:27:24.60 N	096:46:26.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:39:59	20	38	181	114	065:27:19.19 N	096:47:01.19 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:42:12	21	1	164	39	065:27:21.60 N	096:46:05.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:44:24	22	2	157	15	065:27:17.99 N	096:45:46.80 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:46:30	23	6	158	157	065:28:05.99 N	096:47:27.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:48:39	24	28	162	2	065:28:44.39 N	096:46:41.39 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:50:46	25	89	215	275	065:29:09.00 N	096:49:50.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:52:55	26	28	125	24	065:29:15.60 N	096:53:10.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:55:18	27	53	213	304	065:29:26.99 N	096:53:56.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:57:29	28	7	118	19	065:30:37.79 N	096:58:15.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 17:59:49	29	58	136	20	065:32:01.19 N	096:57:33.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:02:00	30	3	124	36	065:32:11.99 N	096:57:24.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:04:08	31	79	159	347	065:34:11.40 N	096:58:20.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:06:16	32	4	124	279	065:34:33.59 N	096:57:18.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:08:24	33	1	143	323	065:34:40.20 N	096:57:54.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:10:35	34	39	146	332	065:34:59.40 N	096:59:53.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:13:07	35	19	112	47	065:33:57.60 N	097:04:15.00 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	112	SCHED	05/24/2021 18:15:22	36	3	125	304	065:33:56.40 N	097:04:03.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:17:33	37	21	114	309	065:34:23.39 N	097:02:11.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:19:39	38	87	245	63	065:35:56.40 N	096:56:40.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:21:47	39	52	175	326	065:36:45.00 N	096:55:15.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:24:10	40	37	200	35	065:36:52.20 N	096:53:53.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:27:08	41	4	179	174	065:35:54.59 N	096:54:07.19 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:29:20	42	102	242	127	065:34:55.79 N	096:51:55.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:31:29	43	5	181	149	065:34:42.60 N	096:50:42.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:33:40	44	34	196	78	065:34:43.19 N	096:50:25.80 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:35:54	45	3	125	294	065:34:08.99 N	096:49:11.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:38:01	46	8	132	21	065:34:21.59 N	096:49:39.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:40:09	47	77	219	62	065:35:01.20 N	096:45:15.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:42:17	48	26	197	355	065:35:32.39 N	096:42:48.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:44:34	49	86	224	103	065:33:21.59 N	096:40:39.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:47:26	50	57	165	112	065:32:58.19 N	096:46:01.19 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:49:33	51	42	123	315	065:32:35.39 N	096:47:22.80 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:51:46	52	80	213	103	065:33:05.99 N	096:47:17.39 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:54:04	53	5	146	125	065:32:07.19 N	096:44:43.80 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:56:13	54	113	188	163	065:31:12.60 N	096:44:51.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 18:58:33	55	39	143	331	065:28:22.19 N	096:42:20.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:01:26	56	27	125	289	065:29:21.60 N	096:43:04.79 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:03:34	57	77	241	196	065:28:22.19 N	096:43:31.79 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:05:41	58	7	165	134	065:26:37.20 N	096:39:46.79 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:07:48	59	9	169	328	065:26:37.79 N	096:39:47.39 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:10:05	60	15	161	79	065:26:21.60 N	096:40:34.19 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:12:13	61	3	182	268	065:26:04.20 N	096:40:12.59 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:14:24	62	7	158	137	065:25:55.20 N	096:40:50.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:16:38	63	67	210	186	065:25:50.40 N	096:38:56.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:18:45	64	58	178	184	065:26:35.99 N	096:37:24.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:20:53	65	65	204	96	065:26:30.00 N	096:35:41.99 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:23:03	66	11	176	67	065:26:41.99 N	096:35:43.19 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:25:11	67	15	181	104	065:26:37.79 N	096:35:36.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:27:21	68	17	182	48	065:26:31.19 N	096:35:48.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:29:30	69	15	175	54	065:26:30.00 N	096:35:58.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:31:39	70	20	177	346	065:26:34.20 N	096:36:01.79 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:33:56	71	4	154	309	065:26:39.59 N	096:36:12.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:36:04	72	3	169	11	065:26:47.39 N	096:36:18.00 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:38:19	73	16	150	6	065:26:52.79 N	096:36:25.80 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:40:26	74	39	201	332	065:27:09.00 N	096:36:41.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:42:43	75	4	150	124	065:27:02.39 N	096:36:20.40 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:44:51	76	28	163	113	065:27:02.39 N	096:36:28.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:46:56	77	6	142	170	065:26:47.39 N	096:36:25.20 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:49:11	78	42	184	296	065:26:42.60 N	096:36:15.60 W
Spring	C-GLYF	112	SCHED	05/24/2021 19:51:23	79	51	196	286	065:23:48.59 N	096:40:29.40 W
Spring	C-GLYF	112	ARRIVAL	05/24/2021 19:53:17	1	0	149	52	065:23:54.59 N	096:40:30.60 W
Spring	C-GLYF	112	XML_FLIGHT_SUMMARY	05/24/2021 19:53:18	0	0	0	0		
Spring	C-GLYF	113	POWER_ON	05/24/2021 20:18:27	NA	NA	NA	NA		
Spring	C-GLYF	113	SCHED	05/24/2021 20:20:05	1	0	148	337	065:23:54.59 N	096:40:30.60 W
Spring	C-GLYF	113	DEPARTURE	05/24/2021 20:21:35	1	53	223	64	065:24:00.00 N	096:39:51.00 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:23:43	2	105	213	289	065:25:31.79 N	096:44:15.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:25:50	3	113	205	276	065:26:47.39 N	096:52:55.79 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:28:56	4	30	183	332	065:26:41.99 N	096:56:52.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:31:03	5	96	211	270	065:27:16.80 N	096:57:33.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:33:11	6	0	172	315	065:26:04.80 N	097:01:56.99 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:35:17	7	18	158	346	065:24:52.20 N	097:06:32.39 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:37:28	8	84	213	295	065:25:57.00 N	097:08:49.20 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:39:47	9	83	212	54	065:26:45.00 N	097:06:23.39 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:41:54	10	2	170	257	065:27:10.20 N	097:03:13.20 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:44:05	11	92	222	91	065:27:20.40 N	097:02:23.40 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:46:16	12	14	179	277	065:27:11.39 N	096:59:51.00 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:48:24	13	23	133	289	065:26:16.80 N	096:59:23.99 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:50:35	14	20	140	349	065:27:33.59 N	096:57:19.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:52:44	15	120	184	119	065:27:38.99 N	096:54:45.00 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:54:55	16	113	195	95	065:25:55.79 N	096:45:33.59 W
Spring	C-GLYF	113	SCHED	05/24/2021 20:57:56	17	59	193	359	065:27:03.59 N	096:36:40.20 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:00:06	18	8	150	192	065:26:57.59 N	096:36:26.39 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:02:14	19	3	151	158	065:26:41.99 N	096:36:18.00 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:04:23	20	25	178	117	065:26:40.79 N	096:35:43.80 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:06:32	21	13	171	271	065:26:37.79 N	096:35:42.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:08:41	22	11	163	235	065:26:09.60 N	096:34:46.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:10:52	23	27	169	344	065:26:16.80 N	096:35:27.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:13:01	24	5	165	333	065:26:15.00 N	096:34:57.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:15:10	25	48	180	349	065:26:22.19 N	096:35:10.79 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:17:21	26	93	229	93	065:26:33.59 N	096:33:57.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:19:30	27	8	184	257	065:27:09.60 N	096:29:06.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:21:49	28	0	164	47	065:27:51.00 N	096:28:49.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:23:58	29	6	189	81	065:28:08.39 N	096:26:49.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:26:07	30	74	251	173	065:27:32.99 N	096:25:41.99 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:28:13	31	81	254	80	065:27:24.60 N	096:22:25.80 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:30:27	32	0	219	62	065:27:22.80 N	096:21:16.20 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:33:21	33	104	238	240	065:26:23.99 N	096:30:33.59 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:35:30	34	107	230	230	065:24:09.00 N	096:38:50.99 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:37:37	35	0	152	51	065:23:54.59 N	096:40:31.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:39:48	36	0	144	51	065:23:54.59 N	096:40:31.79 W
Spring	C-GLYF	113	ARRIVAL	05/24/2021 21:40:48	1	0	138	51	065:23:53.99 N	096:40:32.39 W
Spring	C-GLYF	113	XML_FLIGHT_SUMMARY	05/24/2021 21:40:49	0	0	0	0		
Spring	C-GLYF	113	SCHED	05/24/2021 21:42:54	37	0	134	255	065:23:53.99 N	096:40:31.79 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:45:00	38	0	138	183	065:23:54.59 N	096:40:31.19 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:47:11	39	0	137	251	065:23:54.59 N	096:40:30.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:49:16	40	0	134	251	065:23:54.59 N	096:40:30.60 W
Spring	C-GLYF	113	SCHED	05/24/2021 21:51:36	41	27	177	66	065:23:57.00 N	096:40:09.00 W
Spring	C-GLYF	114	DEPARTURE	05/24/2021 21:53:57	2	76	214	102	065:24:07.80 N	096:39:07.80 W
Spring	C-GLYF	114	SCHED	05/24/2021 21:57:49	42	110	243	158	065:18:08.40 N	096:27:56.39 W
Spring	C-GLYF	114	SCHED	05/24/2021 22:00:03	43	109	209	153	065:14:26.99 N	096:24:19.79 W
Spring	C-GLYF	114	SCHED	05/24/2021 22:02:45	44	104	185	118	065:13:04.19 N	096:16:49.79 W
Spring	C-GLYF	114	SCHED	05/24/2021 22:06:29	45	114	197	171	065:07:26.99 N	096:08:30.00 W
Spring	C-GLYF	114	SCHED	05/24/2021 22:08:39	46	112	280	144	065:02:36.59 N	096:06:35.39 W
Spring	C-GLYF	114	SCHED	05/24/2021 22:10:47	47	0	141	122	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	114	ARRIVAL	05/24/2021 22:11:01	2	0	141	122	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	114	XML_FLIGHT_SUMMARY	0						

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	114	SCHED	05/24/2021 22:16:14	49	0	143	122	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	115	POWER_ON	05/24/2021 23:10:03	NA	NA	NA	NA		
Spring	C-GLYF	115	SCHED	05/24/2021 23:10:41	1	1	143	8	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	115	DEPARTURE	05/24/2021 23:11:02	1	63	212	0	065:01:39.59 N	096:04:02.99 W
Spring	C-GLYF	115	SCHED	05/24/2021 23:13:10	2	97	233	21	065:04:07.79 N	095:59:42.00 W
Spring	C-GLYF	115	SCHED	05/24/2021 23:15:16	3	0	154	117	065:05:07.79 N	095:59:41.39 W
Spring	C-GLYF	115	ARRIVAL	05/24/2021 23:16:27	1	0	151	57	065:05:07.79 N	095:59:41.39 W
Spring	C-GLYF	115	XML_FLIGHT_SUMMARY	05/24/2021 23:16:28	0	0	0	0		
Spring	C-GLYF	115	SCHED	05/24/2021 23:18:34	4	0	149	65	065:05:08.40 N	095:59:40.79 W
Spring	C-GLYF	115	SCHED	05/24/2021 23:20:45	5	0	152	44	065:05:08.40 N	095:59:40.79 W
Spring	C-GLYF	115	SCHED	05/24/2021 23:22:55	6	0	148	57	065:05:08.40 N	095:59:40.79 W
Spring	C-GLYF	115	SCHED	05/24/2021 23:25:07	7	55	165	323	065:05:14.39 N	095:59:46.20 W
Spring	C-GLYF	116	DEPARTURE	05/24/2021 23:25:13	2	62	209	24	065:05:24.00 N	095:59:56.99 W
Spring	C-GLYF	116	SCHED	05/24/2021 23:27:31	8	122	273	234	065:02:10.79 N	096:03:03.00 W
Spring	C-GLYF	116	SCHED	05/24/2021 23:29:37	9	0	129	139	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	116	ARRIVAL	05/24/2021 23:29:49	2	0	130	139	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	116	XML_FLIGHT_SUMMARY	05/24/2021 23:29:50	0	0	0	0		
Spring	C-GLYF	117	POWER_ON	05/25/2021 11:02:54	NA	NA	NA	NA		
Spring	C-GLYF	117	SCHED	05/25/2021 11:03:38	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	117	SCHED	05/25/2021 11:05:46	2	0	119	310	065:01:26.40 N	096:04:16.79 W
Spring	C-GLYF	117	DEPARTURE	05/25/2021 11:07:29	1	77	139	309	065:01:39.00 N	096:04:50.99 W
Spring	C-GLYF	117	SCHED	05/25/2021 11:09:38	3	34	164	320	065:05:02.39 N	095:59:30.00 W
Spring	C-GLYF	117	ARRIVAL	05/25/2021 11:11:23	1	0	148	129	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	117	XML_FLIGHT_SUMMARY	05/25/2021 11:11:24	0	0	0	0		
Spring	C-GLYF	117	SCHED	05/25/2021 11:13:31	4	0	148	129	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	117	SCHED	05/25/2021 11:15:38	5	0	148	129	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	117	SCHED	05/25/2021 11:17:51	6	0	147	90	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	117	SCHED	05/25/2021 11:20:40	7	0	148	90	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	117	SCHED	05/25/2021 11:22:47	8	0	149	90	065:05:08.40 N	095:59:42.00 W
Spring	C-GLYF	118	DEPARTURE	05/25/2021 11:24:13	2	80	186	267	065:05:14.39 N	096:00:24.59 W
Spring	C-GLYF	118	SCHED	05/25/2021 11:26:20	9	105	254	197	065:01:49.19 N	096:03:07.80 W
Spring	C-GLYF	118	SCHED	05/25/2021 11:29:41	10	61	223	25	065:01:38.39 N	096:04:23.40 W
Spring	C-GLYF	118	ARRIVAL	05/25/2021 11:29:48	2	0	139	122	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	118	XML_FLIGHT_SUMMARY	05/25/2021 11:29:49	0	0	0	0		
Spring	C-GLYF	119	DEPARTURE	05/25/2021 11:29:54	3	69	233	45	065:01:42.00 N	096:04:17.39 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:32:01	11	80	266	21	065:04:21.00 N	095:59:29.39 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:34:09	12	28	209	357	065:05:15.59 N	095:59:43.20 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:36:26	13	76	243	98	065:05:10.20 N	095:59:29.39 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:38:35	14	1	183	301	065:05:08.40 N	095:59:38.40 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:40:48	15	75	224	352	065:04:16.79 N	095:59:00.60 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:42:54	16	3	198	287	065:05:08.40 N	095:59:38.40 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:45:11	17	60	245	338	065:04:44.39 N	095:59:20.99 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:48:13	18	83	273	208	065:04:38.39 N	095:59:10.20 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:51:10	19	76	246	222	065:01:31.19 N	096:04:50.40 W
Spring	C-GLYF	119	SCHED	05/25/2021 11:53:26	20	9	161	313	065:01:24.59 N	096:04:13.20 W
Spring	C-GLYF	119	ARRIVAL	05/25/2021 11:54:18	3	0	148	319	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	119	XML_FLIGHT_SUMMARY	05/25/2021 11:54:19	0	0	0	0		
Spring	C-GLYF	119	SCHED	05/25/2021 11:56:25	21	0	149	319	065:01:25.20 N	096:04:14.39 W
Spring	C-GLYF	120	POWER_ON	05/25/2021 12:22:22	NA	NA	NA	NA		
Spring	C-GLYF	120	SCHED	05/25/2021 12:23:19	1	12	157	9	065:01:25.79 N	096:04:14.39 W
Spring	C-GLYF	120	SCHED	05/25/2021 12:26:07	2	0	146	121	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	120	POWER_ON	05/25/2021 20:34:09	NA	NA	NA	NA		
Spring	C-GLYF	120	SCHED	05/25/2021 20:34:44	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	120	SCHED	05/25/2021 20:36:55	2	3	179	176	065:01:27.00 N	096:04:16.20 W
Spring	C-GLYF	120	DEPARTURE	05/25/2021 20:37:27	1	54	232	5	065:01:41.39 N	096:04:25.20 W
Spring	C-GLYF	120	SCHED	05/25/2021 20:40:27	3	72	250	19	065:04:19.79 N	095:59:23.99 W
Spring	C-GLYF	120	ARRIVAL	05/25/2021 20:42:24	1	0	155	143	065:05:08.40 N	095:59:42.60 W
Spring	C-GLYF	120	XML_FLIGHT_SUMMARY	05/25/2021 20:42:25	0	0	0	0		
Spring	C-GLYF	121	POWER_ON	05/25/2021 21:04:32	NA	NA	NA	NA		
Spring	C-GLYF	121	SCHED	05/25/2021 21:05:15	1	0	140	284	065:05:07.79 N	095:59:42.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:07:25	2	0	140	359	065:05:07.79 N	095:59:42.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:09:33	3	1	174	186	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:12:19	4	45	282	97	065:05:28.80 N	095:59:16.19 W
Spring	C-GLYF	121	DEPARTURE	05/25/2021 21:12:25	1	54	277	111	065:05:27.00 N	095:58:57.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:14:47	5	0	178	315	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:16:55	6	40	194	300	065:05:04.79 N	095:59:31.20 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:19:03	7	77	224	105	065:05:18.00 N	095:59:09.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:21:08	8	1	172	75	065:04:55.19 N	095:58:32.99 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:23:17	9	12	187	312	065:05:07.20 N	095:59:36.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:25:24	10	20	173	302	065:04:55.79 N	095:58:35.40 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:27:32	11	24	217	284	065:04:52.80 N	095:58:29.39 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:29:40	12	0	178	354	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:31:46	13	30	192	322	065:05:04.79 N	095:59:35.40 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:33:55	14	5	192	11	065:04:55.19 N	095:58:32.99 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:36:02	15	54	199	297	065:05:02.39 N	095:59:20.40 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:38:08	16	10	196	308	065:04:54.60 N	095:58:32.39 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:40:21	17	18	192	347	065:05:08.99 N	095:59:39.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:42:28	18	46	198	299	065:05:03.59 N	095:59:27.60 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:44:43	19	13	205	323	065:04:53.99 N	095:58:31.79 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:46:59	20	93	239	119	065:05:18.00 N	095:58:46.79 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:49:06	21	4	183	331	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:51:30	22	41	182	283	065:04:57.60 N	095:58:45.60 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:53:39	23	1	172	359	065:04:55.19 N	095:58:32.99 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:55:49	24	89	235	138	065:05:10.79 N	095:58:30.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 21:57:57	25	1	183	304	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:00:50	26	25	198	315	065:05:05.99 N	095:59:35.40 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:03:02	27	1	181	321	065:04:55.19 N	095:58:32.39 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:06:00	28	65	248	138	065:05:12.60 N	095:58:38.40 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:08:15	29	0	185	14	065:05:07.79 N	095:59:38.40 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:10:23	30	55	202	290	065:05:01.20 N	095:59:16.19 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:12:32	31	0	175	36	065:04:55.19 N	095:58:32.39 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:14:38	32	4	184	101	065:05:07.79 N	095:59:39.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:16:45	33	49	193	284	065:04:56.40 N	095:58:49.79 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:18:52	34	23	216	297	065:04:52.80 N	095:58:29.39 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:21:01	35	1	190	190	065:05:08.40 N	095:59:39.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:23:08	36	9	176	277	065:04:55.19 N	095:58:33.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:25:22	37	72	248	177	065:04:57.60 N	095:58:16.19 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:27:35	38	0	189	334	065:05:07.79 N	095:59:39.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Spring	C-GLYF	121	SCHED	05/25/2021 22:29:42	39	0	182	50	065:04:55.19 N	095:58:33.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:31:56	40	23	210	312	065:05:06.60 N	095:59:37.19 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:34:03	41	3	182	32	065:04:55.19 N	095:58:33.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:36:17	42	3	189	309	065:05:07.79 N	095:59:39.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:38:28	43	1	180	64	065:04:55.19 N	095:58:33.59 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:40:35	44	67	241	180	065:04:58.20 N	095:58:19.19 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:42:42	45	95	262	204	065:03:54.60 N	096:00:06.60 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:44:50	46	71	228	111	065:01:23.99 N	096:04:34.19 W
Spring	C-GLYF	121	ARRIVAL	05/25/2021 22:46:57	1	0	138	313	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	121	XML_FLIGHT_SUMMARY	05/25/2021 22:46:58	0	0	0	0		
Spring	C-GLYF	121	SCHED	05/25/2021 22:47:04	47	0	138	313	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:49:14	48	0	141	313	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:51:24	49	0	141	313	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	121	SCHED	05/25/2021 22:53:32	50	0	141	313	065:01:25.20 N	096:04:15.00 W
Spring	C-GLYF	122	POWER_ON	05/25/2021 23:18:11	NA	NA	NA	NA		
Spring	C-GLYF	122	SCHED	05/25/2021 23:18:48	1	50	189	8	065:01:31.19 N	096:04:07.80 W
Spring	C-GLYF	122	DEPARTURE	05/25/2021 23:18:54	1	55	214	357	065:01:40.20 N	096:04:08.99 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:21:02	2	82	244	31	065:03:55.79 N	096:00:05.39 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:23:20	3	56	198	55	065:05:15.59 N	095:59:29.39 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:25:32	4	42	183	302	065:05:04.20 N	095:59:33.00 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:27:40	5	50	166	302	065:04:58.20 N	095:58:41.39 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:29:49	6	1	157	84	065:05:23.39 N	095:59:44.39 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:31:57	7	5	152	284	065:04:54.60 N	095:58:40.20 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:34:07	8	3	156	354	065:05:24.00 N	095:59:44.39 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:36:27	9	1	156	239	065:04:54.60 N	095:58:40.20 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:38:33	10	13	179	349	065:04:53.99 N	095:58:39.59 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:40:47	11	23	163	292	065:05:24.59 N	095:59:48.00 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:42:59	12	45	182	316	065:05:16.79 N	095:59:34.79 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:45:05	13	0	156	352	065:04:54.60 N	095:58:39.59 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:47:16	14	1	159	338	065:04:55.19 N	095:58:32.99 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:49:23	15	1	161	217	065:04:55.19 N	095:58:32.99 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:51:33	16	3	162	295	065:04:54.60 N	095:58:33.59 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:53:39	17	93	227	195	065:04:21.00 N	095:59:30.60 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:55:46	18	100	234	185	065:01:43.19 N	096:03:24.00 W
Spring	C-GLYF	122	SCHED	05/25/2021 23:57:54	19	1	146	303	065:01:26.40 N	096:04:16.20 W
Spring	C-GLYF	122	ARRIVAL	05/25/2021 23:59:05	1	0	143	294	065:01:27.00 N	096:04:16.79 W
Spring	C-GLYF	122	XML_FLIGHT_SUMMARY	05/25/2021 23:59:06	0	0	0	0		
Spring	C-GLYF	123	POWER_ON	05/25/2021 23:59:45	NA	NA	NA	NA		
Summer	C-GLYF	123	SCHED	05/26/2021 00:00:23	1	0	142	62	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	123	SCHED	05/26/2021 00:02:31	2	0	142	31	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	123	POWER_ON	05/26/2021 10:37:08	NA	NA	NA	NA		
Summer	C-GLYF	123	SCHED	05/26/2021 10:37:57	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	123	POWER_ON	05/26/2021 11:01:41	NA	NA	NA	NA		
Summer	C-GLYF	123	SCHED	05/26/2021 11:03:49	1	0	138	16	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	123	SCHED	05/26/2021 11:06:05	2	0	138	16	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	123	DEPARTURE	05/26/2021 11:08:14	1	54	176	313	065:01:37.80 N	096:04:42.60 W
Summer	C-GLYF	123	SCHED	05/26/2021 11:10:31	3	89	195	21	065:03:48.00 N	095:59:45.59 W
Summer	C-GLYF	123	ARRIVAL	05/26/2021 11:12:33	1	0	142	316	065:04:54.60 N	095:58:34.20 W
Summer	C-GLYF	123	XML_FLIGHT_SUMMARY	05/26/2021 11:12:34	0	0	0	0		
Summer	C-GLYF	123	SCHED	05/26/2021 11:12:40	4	0	140	316	065:04:54.60 N	095:58:34.20 W
Summer	C-GLYF	124	DEPARTURE	05/26/2021 11:14:02	2	71	190	223	065:04:47.40 N	095:59:08.99 W
Summer	C-GLYF	124	SCHED	05/26/2021 11:16:09	5	94	241	211	065:01:49.19 N	096:03:31.20 W
Summer	C-GLYF	124	ARRIVAL	05/26/2021 11:18:12	2	0	135	76	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	124	XML_FLIGHT_SUMMARY	05/26/2021 11:18:13	0	0	0	0		
Summer	C-GLYF	124	SCHED	05/26/2021 11:20:10	6	0	132	76	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	124	SCHED	05/26/2021 11:20:39	7	0	131	76	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	124	SCHED	05/26/2021 11:22:46	8	0	136	287	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	125	POWER_ON	05/26/2021 11:28:58	NA	NA	NA	NA		
Summer	C-GLYF	125	POWER_ON	05/26/2021 15:33:05	NA	NA	NA	NA		
Summer	C-GLYF	125	SCHED	05/26/2021 15:33:43	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:35:51	2	0	182	354	065:01:25.20 N	096:04:16.20 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:37:59	3	1	0	20	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:40:06	4	0	161	155	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:42:13	5	0	160	155	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:44:19	6	1	155	100	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	125	DEPARTURE	05/26/2021 15:44:51	1	58	203	295	065:01:36.00 N	096:04:40.20 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:46:57	7	8	177	357	065:01:54.00 N	096:09:26.39 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:49:45	8	47	250	305	065:02:59.40 N	096:11:58.20 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:51:53	9	45	257	24	065:04:21.59 N	096:15:06.60 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:54:06	10	90	171	108	065:04:35.39 N	096:14:37.19 W
Summer	C-GLYF	125	SCHED	05/26/2021 15:56:13	11	140	178	123	065:01:54.00 N	096:05:29.39 W
Summer	C-GLYF	125	ARRIVAL	05/26/2021 15:57:49	1	0	138	297	065:01:25.79 N	096:04:15.00 W
Summer	C-GLYF	125	XML_FLIGHT_SUMMARY	05/26/2021 15:57:50	0	0	0	0		
Summer	C-GLYF	126	DEPARTURE	05/26/2021 15:59:58	2	86	155	304	065:01:38.39 N	096:04:48.00 W
Summer	C-GLYF	126	SCHED	05/26/2021 16:02:04	12	107	202	305	065:03:40.80 N	096:11:34.20 W
Summer	C-GLYF	126	SCHED	05/26/2021 16:04:10	13	0	124	314	065:04:35.39 N	096:15:11.40 W
Summer	C-GLYF	126	ARRIVAL	05/26/2021 16:04:17	2	0	124	314	065:04:35.39 N	096:15:11.40 W
Summer	C-GLYF	126	XML_FLIGHT_SUMMARY	05/26/2021 16:04:18	0	0	0	0		
Summer	C-GLYF	127	DEPARTURE	05/26/2021 16:05:35	3	46	191	299	065:04:41.99 N	096:15:43.20 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:07:44	14	49	238	332	065:06:15.00 N	096:18:31.20 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:09:52	15	59	228	332	065:08:03.00 N	096:20:37.80 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:11:59	16	68	244	332	065:09:57.60 N	096:23:19.19 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:14:06	17	60	224	331	065:11:53.39 N	096:25:48.59 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:16:14	18	56	218	332	065:13:46.19 N	096:28:13.80 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:18:21	19	54	239	327	065:15:27.60 N	096:30:07.80 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:20:35	20	51	281	326	065:17:01.80 N	096:32:41.99 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:22:42	21	61	288	341	065:18:53.99 N	096:35:07.80 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:24:52	22	57	294	335	065:20:46.19 N	096:37:16.80 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:27:00	23	58	257	336	065:22:40.19 N	096:39:22.19 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:29:08	24	2	177	25	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	127	ARRIVAL	05/26/2021 16:30:15	3	0	162	15	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	127	XML_FLIGHT_SUMMARY	05/26/2021 16:30:16	0	0	0	0		
Summer	C-GLYF	127	SCHED	05/26/2021 16:32:23	25	0	159	15	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	127	SCHED	05/26/2021 16:34:30	26	0	163	195	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	128	POWER_ON	05/26/2021 16:47:48	NA	NA	NA	NA		
Summer	C-GLYF	128	SCHED	05/26/2021 16:48:31	1	0	155	349	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	128	DEPARTURE	05/26/2021 16:50:08	1	58	216	56	065:24:01.19 N	096:39:51.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	128	SCHED	05/26/2021 16:52:28	2	67	226	97	065:26:21.60 N	096:42:33.60 W
Summer	C-GLYF	128	SCHED	05/26/2021 16:54:41	3	11	157	307	065:26:28.80 N	096:43:36.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 16:56:55	4	5	152	110	065:26:39.59 N	096:43:55.80 W
Summer	C-GLYF	128	SCHED	05/26/2021 16:59:02	5	78	171	98	065:26:22.19 N	096:41:01.80 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:01:10	6	83	220	288	065:26:52.79 N	096:41:21.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:03:17	7	22	156	101	065:27:18.60 N	096:46:04.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:05:32	8	12	146	286	065:27:17.99 N	096:45:56.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:07:47	9	21	151	91	065:27:25.19 N	096:46:49.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:09:58	10	16	148	310	065:28:29.40 N	096:42:36.59 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:12:08	11	105	165	253	065:28:14.40 N	096:48:46.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:14:20	12	6	103	305	065:27:32.99 N	096:53:50.99 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:16:38	13	6	131	8	065:27:34.20 N	096:57:19.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:19:51	14	21	187	276	065:26:40.79 N	096:57:02.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:22:02	15	95	210	333	065:27:15.60 N	096:57:59.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:24:12	16	15	162	12	065:30:01.19 N	097:01:22.19 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:26:26	17	6	148	345	065:30:26.40 N	097:01:13.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:28:33	18	17	172	8	065:30:32.39 N	097:02:02.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:30:40	19	10	158	6	065:30:37.79 N	097:01:51.60 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:32:47	20	16	174	115	065:31:25.79 N	097:04:24.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:34:55	21	48	169	297	065:31:29.39 N	097:04:36.60 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:37:10	22	105	258	181	065:30:21.60 N	097:07:30.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:39:17	23	72	183	330	065:29:09.60 N	097:08:01.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:41:25	24	37	181	299	065:31:08.40 N	097:10:07.19 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:43:33	25	6	152	353	065:30:09.60 N	097:13:29.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:45:39	26	69	234	45	065:31:13.80 N	097:14:45.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:47:47	27	75	198	17	065:32:38.39 N	097:11:45.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:50:01	28	76	147	12	065:34:27.59 N	097:09:20.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:52:15	29	14	175	22	065:34:47.99 N	097:08:50.99 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:55:56	30	43	133	275	065:33:36.00 N	097:08:39.59 W
Summer	C-GLYF	128	SCHED	05/26/2021 17:58:04	31	43	161	17	065:32:31.19 N	097:09:03.59 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:00:25	32	86	184	166	065:31:58.80 N	097:09:56.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:02:30	33	23	186	298	065:31:07.80 N	097:10:02.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:04:39	34	74	204	262	065:31:16.79 N	097:03:51.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:06:45	35	52	177	160	065:30:42.59 N	097:02:10.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:08:51	36	23	167	179	065:30:21.60 N	097:01:15.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:11:10	37	95	202	33	065:30:26.40 N	096:59:34.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:13:20	38	12	139	76	065:32:11.99 N	096:57:20.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:15:44	39	73	151	29	065:34:24.00 N	096:57:05.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:17:56	40	79	228	35	065:35:35.99 N	096:55:32.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:20:07	41	15	166	293	065:35:53.99 N	096:54:03.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:23:16	42	49	150	166	065:34:04.79 N	096:49:01.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:25:24	43	30	109	272	065:32:48.60 N	096:47:15.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:27:43	44	107	154	125	065:32:28.79 N	096:45:58.19 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:29:54	45	129	224	138	065:30:36.00 N	096:41:55.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:32:05	46	117	233	70	065:31:40.80 N	096:32:32.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:34:13	47	117	297	58	065:33:27.00 N	096:23:44.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:36:22	48	52	235	227	065:34:41.39 N	096:15:34.19 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:38:29	49	32	210	35	065:34:34.80 N	096:16:27.60 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:40:43	50	103	274	208	065:31:36.00 N	096:17:44.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:42:58	51	50	206	10	065:31:21.60 N	096:19:08.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:45:09	52	113	243	111	065:29:39.00 N	096:14:23.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:47:20	53	21	185	331	065:29:03.60 N	096:11:38.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:49:31	54	23	188	265	065:29:09.00 N	096:14:31.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:51:55	55	98	245	262	065:28:28.80 N	096:22:22.80 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:54:13	56	12	175	179	065:28:07.19 N	096:26:52.79 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:56:20	57	14	180	255	065:27:09.60 N	096:29:06.60 W
Summer	C-GLYF	128	SCHED	05/26/2021 18:58:28	58	68	178	283	065:26:40.20 N	096:34:40.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:00:42	59	12	170	146	065:26:34.79 N	096:36:04.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:02:51	60	10	174	267	065:26:41.40 N	096:35:48.00 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:05:02	61	22	152	353	065:26:54.00 N	096:36:25.20 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:07:17	62	11	144	214	065:27:00.00 N	096:36:24.59 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:09:27	63	47	169	126	065:26:17.39 N	096:35:32.39 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:12:17	64	98	229	217	065:25:49.79 N	096:36:50.40 W
Summer	C-GLYF	128	SCHED	05/26/2021 19:14:23	65	4	160	30	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	128	ARRIVAL	05/26/2021 19:15:25	1	0	156	15	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	128	XML_FLIGHT_SUMMARY	05/26/2021 19:15:26	0	0	0	0		
Summer	C-GLYF	128	SCHED	05/26/2021 19:17:33	66	0	153	15	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	129	POWER_ON	05/26/2021 19:39:16	NA	NA	NA	NA		
Summer	C-GLYF	129	SCHED	05/26/2021 19:41:28	1	0	154	184	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	129	SCHED	05/26/2021 19:43:33	2	48	187	72	065:23:59.39 N	096:40:00.60 W
Summer	C-GLYF	129	DEPARTURE	05/26/2021 19:43:39	1	58	197	80	065:24:00.59 N	096:39:52.19 W
Summer	C-GLYF	129	SCHED	05/26/2021 19:45:49	3	128	226	129	065:21:30.60 N	096:32:13.79 W
Summer	C-GLYF	129	SCHED	05/26/2021 19:48:13	4	11	159	121	065:20:31.19 N	096:29:57.60 W
Summer	C-GLYF	129	ARRIVAL	05/26/2021 19:50:11	1	0	166	348	065:20:36.60 N	096:29:20.99 W
Summer	C-GLYF	129	XML_FLIGHT_SUMMARY	05/26/2021 19:50:12	0	0	0	0		
Summer	C-GLYF	129	SCHED	05/26/2021 19:52:17	5	60	202	260	065:20:39.00 N	096:29:42.00 W
Summer	C-GLYF	130	DEPARTURE	05/26/2021 19:52:34	2	87	239	210	065:20:33.00 N	096:30:03.00 W
Summer	C-GLYF	130	SCHED	05/26/2021 19:54:44	6	124	196	155	065:18:14.99 N	096:22:30.00 W
Summer	C-GLYF	130	SCHED	05/26/2021 19:57:00	7	14	141	347	065:17:11.40 N	096:21:23.39 W
Summer	C-GLYF	130	SCHED	05/26/2021 19:59:07	8	116	176	145	065:16:19.20 N	096:21:51.59 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:01:14	9	62	126	85	065:15:58.19 N	096:20:01.20 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:03:25	10	9	115	344	065:16:11.99 N	096:17:52.19 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:05:34	11	105	208	63	065:16:50.39 N	096:13:55.20 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:07:42	12	111	153	121	065:18:30.59 N	096:05:58.79 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:09:50	13	14	114	260	065:17:56.40 N	096:05:08.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:12:01	14	62	157	302	065:17:26.40 N	096:00:46.20 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:14:11	15	119	211	175	065:14:12.60 N	095:55:52.19 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:16:18	16	99	348	224	065:10:48.59 N	095:57:26.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:18:27	17	8	194	146	065:10:16.19 N	095:58:25.80 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:20:38	18	49	169	13	065:11:01.80 N	095:55:01.79 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:23:31	19	117	190	142	065:08:43.80 N	095:52:27.60 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:25:50	20	26	159	325	065:07:01.20 N	095:50:58.20 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:28:05	21	91	162	108	065:07:31.19 N	095:51:16.79 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:30:15	22	90	227	296	065:07:31.19 N	095:57:42.60 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:32:30	23	14	193	252	065:08:32.99 N	096:02:35.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:34:42	24	34	181	99	065:10:09.59 N	096:04:02.39 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:36:49	25	92	212	215	065:09:21.60 N	096:04:41.39 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:38:55	26	24	156	293	065:06:33.60 N	096:06:07.19 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:41:04	27	41	198	325	065:06:35.99 N	096:06:42.60 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:43:13	28	25	156	23	065:05:33.60 N	096:08:23.99 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:45:32	29	97	224			

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	130	SCHED	05/26/2021 20:49:47	31	35	164	289	065:02:33.00 N	096:06:29.39 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:51:54	32	83	174	272	065:02:21.00 N	096:10:39.59 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:54:14	33	125	228	127	065:01:55.80 N	096:08:57.00 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:56:21	34	88	217	193	065:00:52.80 N	096:03:11.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 20:58:28	35	65	211	296	065:01:32.39 N	096:02:23.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:00:36	36	85	242	220	065:01:37.80 N	096:04:45.60 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:03:35	37	95	252	238	064:58:38.39 N	096:09:57.60 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:05:47	38	69	189	87	064:55:19.19 N	096:04:40.80 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:08:00	39	76	197	310	064:55:51.59 N	096:06:36.00 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:10:08	40	92	202	273	064:56:31.19 N	096:13:55.80 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:12:16	41	24	152	102	064:56:13.19 N	096:16:36.59 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:14:27	42	81	168	1	064:55:35.40 N	096:18:49.79 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:16:39	43	95	225	63	064:58:09.00 N	096:13:59.39 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:18:46	44	97	230	343	065:00:40.20 N	096:16:07.80 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:20:56	45	95	212	2	065:04:01.79 N	096:17:13.20 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:23:15	46	18	156	67	065:06:18.00 N	096:17:03.60 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:25:22	47	84	162	39	065:06:47.40 N	096:14:42.00 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:27:33	48	40	127	20	065:07:45.60 N	096:14:45.59 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:29:44	49	72	148	221	065:07:45.60 N	096:18:01.79 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:31:53	50	68	165	282	065:06:52.20 N	096:20:55.80 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:34:02	51	76	173	334	065:09:15.59 N	096:23:31.19 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:36:12	52	80	189	330	065:11:38.99 N	096:26:23.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:38:19	53	75	190	329	065:14:01.80 N	096:29:59.39 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:40:31	54	73	176	319	065:16:07.80 N	096:33:40.80 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:42:37	55	81	217	335	065:18:39.00 N	096:35:35.40 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:44:51	56	75	233	348	065:21:06.59 N	096:37:45.00 W
Summer	C-GLYF	130	SCHED	05/26/2021 21:46:57	57	51	192	330	065:23:29.39 N	096:39:53.40 W
Summer	C-GLYF	130	ARRIVAL	05/26/2021 21:48:44	2	0	153	34	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	130	XML_FLIGHT_SUMMARY	05/26/2021 21:48:45	0	0	0	0		
Summer	C-GLYF	130	SCHED	05/26/2021 21:50:54	58	0	147	34	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	131	POWER_ON	05/26/2021 22:48:26	NA	NA	NA	NA		
Summer	C-GLYF	131	DEPARTURE	05/26/2021 22:49:26	1	129	371	160	065:20:54.59 N	096:37:51.59 W
Summer	C-GLYF	131	SCHED	05/26/2021 22:49:36	1	117	504	142	065:18:36.59 N	096:35:51.60 W
Summer	C-GLYF	131	SCHED	05/26/2021 22:51:53	2	138	523	138	065:14:52.80 N	096:27:43.20 W
Summer	C-GLYF	131	SCHED	05/26/2021 22:54:00	3	135	533	139	065:10:54.59 N	096:20:00.00 W
Summer	C-GLYF	131	SCHED	05/26/2021 22:56:11	4	142	435	145	065:07:12.00 N	096:12:38.40 W
Summer	C-GLYF	131	SCHED	05/26/2021 22:58:20	5	138	291	153	065:02:56.99 N	096:06:34.19 W
Summer	C-GLYF	131	ARRIVAL	05/26/2021 23:00:29	1	0	137	269	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	131	XML_FLIGHT_SUMMARY	05/26/2021 23:00:30	0	0	0	0		
Summer	C-GLYF	131	SCHED	05/26/2021 23:00:37	6	0	137	269	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	132	DEPARTURE	05/26/2021 23:02:38	2	74	184	314	065:01:39.00 N	096:04:46.79 W
Summer	C-GLYF	132	SCHED	05/26/2021 23:04:47	7	108	204	35	065:04:18.59 N	095:59:11.40 W
Summer	C-GLYF	132	ARRIVAL	05/26/2021 23:06:28	2	0	136	272	065:04:56.40 N	095:58:32.39 W
Summer	C-GLYF	132	XML_FLIGHT_SUMMARY	05/26/2021 23:06:29	0	0	0	0		
Summer	C-GLYF	133	DEPARTURE	05/26/2021 23:08:22	3	89	187	193	065:04:37.80 N	095:58:52.80 W
Summer	C-GLYF	133	SCHED	05/26/2021 23:10:35	8	43	177	216	065:01:07.80 N	096:01:15.00 W
Summer	C-GLYF	133	SCHED	05/26/2021 23:12:42	9	0	137	264	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	133	ARRIVAL	05/26/2021 23:13:10	3	0	136	264	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	133	XML_FLIGHT_SUMMARY	05/26/2021 23:13:11	0	0	0	0		
Summer	C-GLYF	133	SCHED	05/26/2021 23:15:18	10	0	134	264	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	133	SCHED	05/26/2021 23:17:27	11	1	136	30	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	133	SCHED	05/26/2021 23:19:34	12	0	136	30	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	133	SCHED	05/26/2021 23:21:41	13	1	135	123	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	133	SCHED	05/26/2021 23:23:48	14	0	138	148	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	134	POWER_ON	05/27/2021 11:09:48	NA	NA	NA	NA		
Summer	C-GLYF	134	SCHED	05/27/2021 11:10:17	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	134	DEPARTURE	05/27/2021 11:12:28	1	113	0	40	065:02:34.80 N	096:01:26.40 W
Summer	C-GLYF	134	SCHED	05/27/2021 11:14:41	2	0	126	138	065:04:55.79 N	095:58:32.39 W
Summer	C-GLYF	134	ARRIVAL	05/27/2021 11:16:18	1	0	133	324	065:04:56.40 N	095:58:32.99 W
Summer	C-GLYF	134	XML_FLIGHT_SUMMARY	05/27/2021 11:16:19	0	0	0	0		
Summer	C-GLYF	135	DEPARTURE	05/27/2021 11:16:55	2	89	131	236	065:04:43.80 N	095:59:08.39 W
Summer	C-GLYF	135	SCHED	05/27/2021 11:19:01	3	93	195	222	065:01:39.59 N	096:04:37.80 W
Summer	C-GLYF	135	ARRIVAL	05/27/2021 11:20:38	2	0	147	54	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	135	XML_FLIGHT_SUMMARY	05/27/2021 11:20:39	0	0	0	0		
Summer	C-GLYF	136	POWER_ON	05/27/2021 23:09:16	NA	NA	NA	NA		
Summer	C-GLYF	136	SCHED	05/27/2021 23:09:53	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	136	DEPARTURE	05/27/2021 23:11:49	1	77	172	106	065:01:19.79 N	096:03:34.19 W
Summer	C-GLYF	136	SCHED	05/27/2021 23:13:59	2	93	203	11	065:04:44.39 N	095:58:53.39 W
Summer	C-GLYF	136	ARRIVAL	05/27/2021 23:15:25	1	0	131	244	065:04:56.40 N	095:58:34.79 W
Summer	C-GLYF	136	XML_FLIGHT_SUMMARY	05/27/2021 23:15:26	0	0	0	0		
Summer	C-GLYF	136	SCHED	05/27/2021 23:17:35	3	0	131	244	065:04:55.79 N	095:58:34.79 W
Summer	C-GLYF	137	DEPARTURE	05/27/2021 23:19:33	2	64	184	192	065:04:38.39 N	095:58:42.00 W
Summer	C-GLYF	137	SCHED	05/27/2021 23:21:46	4	28	156	100	065:01:26.40 N	096:04:23.40 W
Summer	C-GLYF	137	SCHED	05/27/2021 23:23:54	5	96	307	34	065:02:15.60 N	096:02:06.60 W
Summer	C-GLYF	137	SCHED	05/27/2021 23:26:06	6	29	197	224	065:04:58.20 N	095:59:22.20 W
Summer	C-GLYF	137	SCHED	05/27/2021 23:28:12	7	83	231	215	065:03:25.20 N	096:00:31.79 W
Summer	C-GLYF	137	SCHED	05/27/2021 23:30:22	8	6	180	154	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	137	ARRIVAL	05/27/2021 23:31:40	2	0	146	126	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	137	XML_FLIGHT_SUMMARY	05/27/2021 23:31:41	0	0	0	0		
Summer	C-GLYF	137	SCHED	05/27/2021 23:33:48	9	0	143	283	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	137	SCHED	05/27/2021 23:35:55	10	0	141	184	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	138	POWER_ON	05/28/2021 11:03:06	NA	NA	NA	NA		
Summer	C-GLYF	138	SCHED	05/28/2021 11:03:47	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	138	DEPARTURE	05/28/2021 11:05:38	1	78	156	51	065:01:37.80 N	096:03:41.39 W
Summer	C-GLYF	138	SCHED	05/28/2021 11:07:50	2	121	177	2	065:04:31.80 N	095:59:11.99 W
Summer	C-GLYF	138	ARRIVAL	05/28/2021 11:09:21	1	0	131	153	065:04:56.40 N	095:58:34.20 W
Summer	C-GLYF	138	XML_FLIGHT_SUMMARY	05/28/2021 11:09:22	0	0	0	0		
Summer	C-GLYF	139	DEPARTURE	05/28/2021 11:10:19	2	91	149	212	065:04:37.80 N	095:59:01.19 W
Summer	C-GLYF	139	SCHED	05/28/2021 11:12:27	3	85	184	211	065:01:36.00 N	096:04:33.00 W
Summer	C-GLYF	139	ARRIVAL	05/28/2021 11:13:41	2	0	139	129	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	139	XML_FLIGHT_SUMMARY	05/28/2021 11:13:42	0	0	0	0		
Summer	C-GLYF	139	SCHED	05/28/2021 11:15:50	4	0	137	313	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	139	SCHED	05/28/2021 11:18:00	5	0	136	192	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	139	SCHED	05/28/2021 11:20:10	6	0	137	108	065:01:26.40 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	140	POWER_ON	05/28/2021 14:50:03	NA	NA	NA	NA		
Summer	C-GLYF	140	SCHED	05/28/2021 14:50:49	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	140	DEPARTURE	05/28/2021 14:51:35	1	48	516	59	065:01:28.79 N	096:04:00.60 W
Summer	C-GLYF	140	ARRIVAL	05/28/2021 14:52:26	1	0	284	54	065:01:27.60 N	096:04:09.59 W
Summer	C-GLYF	140	DEPARTURE	05/28/2021 14:53:58	2	64	348	55	065:01:27.00 N	096:03:31.80 W
Summer	C-GLYF	140	SCHED	05/28/2021 14:56:05	2	96	215	21	065:04:21.59 N	095:59:23.99 W
Summer	C-GLYF	140	SCHED	05/28/2021 14:58:21	3	1	154	147	065:04:55.19 N	095:58:33.59 W
Summer	C-GLYF	140	SCHED	05/28/2021 15:00:33	4	65	220	211	065:04:02.99 N	095:59:37.79 W
Summer	C-GLYF	140	SCHED	05/28/2021 15:02:40	5	73	253	218	065:02:05.40 N	096:02:51.00 W
Summer	C-GLYF	140	SCHED	05/28/2021 15:04:48	6	12	159	118	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	140	ARRIVAL	05/28/2021 15:06:05	2	0	140	153	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	140	XML_FLIGHT_SUMMARY	05/28/2021 15:06:06	0	0	0	0		
Summer	C-GLYF	140	SCHED	05/28/2021 15:08:15	7	0	139	153	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	140	SCHED	05/28/2021 15:10:22	8	0	138	153	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	141	DEPARTURE	05/28/2021 15:12:03	3	75	194	100	065:01:13.80 N	096:02:55.20 W
Summer	C-GLYF	141	SCHED	05/28/2021 15:14:09	9	83	179	94	065:01:23.40 N	096:03:40.20 W
Summer	C-GLYF	141	ARRIVAL	05/28/2021 15:16:01	3	0	138	120	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	141	SCHED	05/28/2021 15:18:08	10	0	135	120	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	141	POWER_ON	05/28/2021 16:36:10	NA	NA	NA	NA		
Summer	C-GLYF	141	SCHED	05/28/2021 16:36:58	1	0	143	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	141	POWER_ON	05/28/2021 16:50:16	NA	NA	NA	NA		
Summer	C-GLYF	141	SCHED	05/28/2021 16:50:58	1	0	136	206	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	141	DEPARTURE	05/28/2021 16:51:20	1	64	197	91	065:01:22.20 N	096:03:36.59 W
Summer	C-GLYF	141	SCHED	05/28/2021 16:53:28	2	132	235	345	065:05:27.00 N	096:06:44.40 W
Summer	C-GLYF	141	SCHED	05/28/2021 16:55:35	3	130	186	343	065:10:01.79 N	096:09:49.20 W
Summer	C-GLYF	141	SCHED	05/28/2021 16:57:44	4	128	199	298	065:13:15.60 N	096:16:58.80 W
Summer	C-GLYF	141	SCHED	05/28/2021 16:59:52	5	120	204	322	065:15:28.79 N	096:25:47.39 W
Summer	C-GLYF	141	SCHED	05/28/2021 17:01:59	6	125	191	324	065:19:14.40 N	096:30:57.60 W
Summer	C-GLYF	141	SCHED	05/28/2021 17:04:05	7	121	209	312	065:22:24.00 N	096:37:52.80 W
Summer	C-GLYF	141	SCHED	05/28/2021 17:06:13	8	0	155	3	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	141	ARRIVAL	05/28/2021 17:06:19	1	0	155	3	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	141	XML_FLIGHT_SUMMARY	05/28/2021 17:06:20	0	0	0	0		
Summer	C-GLYF	141	SCHED	05/28/2021 17:08:31	9	0	154	3	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	142	POWER_ON	05/28/2021 17:09:28	NA	NA	NA	NA		
Summer	C-GLYF	142	SCHED	05/28/2021 17:10:05	1	0	156	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	142	POWER_ON	05/28/2021 18:21:49	NA	NA	NA	NA		
Summer	C-GLYF	142	SCHED	05/28/2021 18:22:58	1	0	160	105	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	142	DEPARTURE	05/28/2021 18:24:14	1	77	179	177	065:23:40.79 N	096:40:09.00 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:26:27	2	101	179	124	065:21:13.79 N	096:34:40.80 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:28:38	3	95	197	146	065:18:51.60 N	096:28:16.79 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:30:54	4	103	198	152	065:15:49.80 N	096:24:09.00 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:33:03	5	99	186	147	065:12:39.59 N	096:19:25.20 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:35:10	6	101	180	156	065:09:43.20 N	096:14:59.39 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:37:22	7	98	170	147	065:06:37.80 N	096:11:29.40 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:39:30	8	97	223	157	065:03:39.60 N	096:07:28.80 W
Summer	C-GLYF	142	SCHED	05/28/2021 18:41:44	9	0	140	145	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	142	ARRIVAL	05/28/2021 18:42:17	1	0	139	145	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	142	XML_FLIGHT_SUMMARY	05/28/2021 18:42:18	0	0	0	0		
Summer	C-GLYF	142	SCHED	05/28/2021 18:44:24	10	0	135	145	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	143	POWER_ON	05/28/2021 23:12:58	NA	NA	NA	NA		
Summer	C-GLYF	143	SCHED	05/28/2021 23:13:32	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	143	SCHED	05/28/2021 23:15:43	2	0	128	51	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	143	DEPARTURE	05/28/2021 23:17:00	1	54	140	62	065:01:30.59 N	096:03:38.39 W
Summer	C-GLYF	143	SCHED	05/28/2021 23:19:06	3	17	162	36	065:02:36.59 N	096:02:09.59 W
Summer	C-GLYF	143	SCHED	05/28/2021 23:21:13	4	35	167	338	065:03:41.99 N	095:59:36.59 W
Summer	C-GLYF	143	SCHED	05/28/2021 23:23:21	5	0	142	36	065:04:52.19 N	095:59:18.60 W
Summer	C-GLYF	143	ARRIVAL	05/28/2021 23:23:45	1	0	144	36	065:04:52.19 N	095:59:18.60 W
Summer	C-GLYF	143	XML_FLIGHT_SUMMARY	05/28/2021 23:23:46	0	0	0	0		
Summer	C-GLYF	144	DEPARTURE	05/28/2021 23:24:30	2	59	148	190	065:04:36.60 N	095:59:29.39 W
Summer	C-GLYF	144	SCHED	05/28/2021 23:26:37	6	62	153	249	065:02:57.60 N	096:00:45.59 W
Summer	C-GLYF	144	SCHED	05/28/2021 23:28:45	7	29	168	227	065:02:01.19 N	096:02:58.19 W
Summer	C-GLYF	144	SCHED	05/28/2021 23:30:51	8	0	143	119	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	144	ARRIVAL	05/28/2021 23:31:15	2	0	143	119	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	144	XML_FLIGHT_SUMMARY	05/28/2021 23:31:16	0	0	0	0		
Summer	C-GLYF	144	SCHED	05/28/2021 23:33:23	9	0	143	119	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	145	POWER_ON	05/29/2021 10:58:48	NA	NA	NA	NA		
Summer	C-GLYF	145	SCHED	05/29/2021 10:59:17	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	145	SCHED	05/29/2021 11:01:25	2	3	0	310	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	145	SCHED	05/29/2021 11:03:37	3	0	0	301	065:01:24.59 N	096:04:05.99 W
Summer	C-GLYF	145	DEPARTURE	05/29/2021 11:04:51	1	80	634	100	065:01:27.00 N	096:03:34.79 W
Summer	C-GLYF	145	SCHED	05/29/2021 11:06:58	4	104	195	10	065:04:24.00 N	095:59:18.00 W
Summer	C-GLYF	145	ARRIVAL	05/29/2021 11:08:47	1	0	130	198	065:04:55.19 N	095:58:36.00 W
Summer	C-GLYF	145	XML_FLIGHT_SUMMARY	05/29/2021 11:08:48	0	0	0	0		
Summer	C-GLYF	145	SCHED	05/29/2021 11:10:57	5	0	137	357	065:04:54.60 N	095:58:33.59 W
Summer	C-GLYF	145	SCHED	05/29/2021 11:13:07	6	0	137	357	065:04:54.60 N	095:58:33.59 W
Summer	C-GLYF	145	SCHED	05/29/2021 11:15:15	7	21	146	263	065:04:54.60 N	095:58:36.59 W
Summer	C-GLYF	146	DEPARTURE	05/29/2021 11:15:33	2	95	175	195	065:04:37.80 N	095:59:04.79 W
Summer	C-GLYF	146	SCHED	05/29/2021 11:17:44	8	103	206	238	065:01:38.39 N	096:04:36.00 W
Summer	C-GLYF	146	ARRIVAL	05/29/2021 11:19:09	2	0	142	53	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	146	XML_FLIGHT_SUMMARY	05/29/2021 11:19:10	0	0	0	0		
Summer	C-GLYF	147	DEPARTURE	05/29/2021 11:20:07	3	74	205	60	065:01:28.79 N	096:03:30.59 W
Summer	C-GLYF	147	SCHED	05/29/2021 11:22:20	9	82	239	26	065:03:55.79 N	095:59:53.99 W
Summer	C-GLYF	147	SCHED	05/29/2021 11:24:29	10	57	196	260	065:04:58.20 N	095:58:52.80 W
Summer	C-GLYF	147	SCHED	05/29/2021 11:26:40	11	81	255	211	065:02:34.20 N	096:02:03.60 W
Summer	C-GLYF	147	SCHED	05/29/2021 11:28:57	12	3	165	254	065:01:20.40 N	096:04:28.80 W
Summer	C-GLYF	147	ARRIVAL	05/29/2021 11:30:58	3	0	149	150	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	147	XML_FLIGHT_SUMMARY	05/29/2021 11:30:59	0	0	0	0		
Summer	C-GLYF	147	SCHED	05/29/2021 11:31:10	13	0	149	150	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	148	POWER_ON	05/29/2021 18:26:39	NA	NA	NA	NA		
Summer	C-GLYF	148	SCHED	05/29/2021 18:27:18	1	0	0	0	065:01:28.20 N	096:04:16.79 W
Summer	C-GLYF	148	SCHED	05/29/2021 18:29:26	2	0	255	0	065:01:30.00 N	096:04:16.20 W
Summer	C-GLYF	148	DEPARTURE	05/29/2021 18:30:28	1	70	241	342	065:01:41.39 N	096:04:38.99 W
Summer	C-GLYF	148	SCHED	05/29/2021 18:32:37	3	86	251	42	065:03:57.60 N	095:59:33.59 W
Summer	C-GLYF	148	SCHED	05/29/2021 18:34:47	4	0	147	28	065:04:52.19 N	095:59:19.19 W
Summer	C-GLYF	148	SCHED	05/29/2021 18:36:55	5	44	189	276	065:03:52.80 N	096:00:02.39 W
Summer	C-GLYF	148	ARRIVAL	05/29/2021 18:38:41	1	0	138	343	065:03:59.40 N	096:00:03.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	148	XML_FLIGHT_SUMMARY	05/29/2021 18:38:42	0	0	0	0		
Summer	C-GLYF	148	SCHED	05/29/2021 18:40:48	6	0	143	49	065:04:07.20 N	096:00:22.80 W
Summer	C-GLYF	148	SCHED	05/29/2021 18:42:59	7	34	170	62	065:04:08.99 N	096:00:16.19 W
Summer	C-GLYF	149	DEPARTURE	05/29/2021 18:43:16	2	66	185	166	065:04:04.20 N	095:59:46.20 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:45:23	8	0	157	309	065:03:58.19 N	096:00:00.00 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:47:37	9	9	175	15	065:05:08.40 N	095:59:39.59 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:49:46	10	1	169	26	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:51:53	11	57	188	16	065:04:34.19 N	095:59:25.20 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:54:00	12	91	203	203	065:04:17.39 N	095:59:18.00 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:56:07	13	8	181	355	065:05:07.79 N	095:59:40.20 W
Summer	C-GLYF	149	SCHED	05/29/2021 18:58:14	14	3	161	29	065:03:57.60 N	095:59:59.39 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:00:24	15	32	201	317	065:05:05.40 N	095:59:36.00 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:02:44	16	2	155	55	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:04:51	17	63	204	137	065:05:07.20 N	095:59:14.40 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:06:58	18	52	173	22	065:04:12.60 N	095:59:42.60 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:09:14	19	81	206	151	065:05:00.60 N	095:58:53.39 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:11:22	20	80	245	217	065:03:55.19 N	096:00:39.00 W
Summer	C-GLYF	149	SCHED	05/29/2021 19:13:33	21	29	198	284	065:01:25.79 N	096:04:15.00 W
Summer	C-GLYF	149	ARRIVAL	05/29/2021 19:15:16	2	0	140	348	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	149	XML_FLIGHT_SUMMARY	05/29/2021 19:15:17	0	0	0	0		
Summer	C-GLYF	149	SCHED	05/29/2021 19:17:25	22	0	139	348	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	150	POWER_ON	05/29/2021 19:41:01	NA	NA	NA	NA		
Summer	C-GLYF	150	SCHED	05/29/2021 19:41:46	1	0	143	83	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	150	SCHED	05/29/2021 19:43:54	2	0	135	83	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	150	POWER_ON	05/29/2021 19:45:47	NA	NA	NA	NA		
Summer	C-GLYF	150	SCHED	05/29/2021 19:46:29	1	0	143	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	150	DEPARTURE	05/29/2021 19:47:16	1	79	165	304	065:01:36.59 N	096:04:43.19 W
Summer	C-GLYF	150	SCHED	05/29/2021 19:49:32	2	93	227	329	065:04:31.80 N	096:08:53.40 W
Summer	C-GLYF	150	SCHED	05/29/2021 19:51:40	3	94	247	326	065:07:34.19 N	096:13:13.80 W
Summer	C-GLYF	150	SCHED	05/29/2021 19:53:51	4	89	210	325	065:10:18.00 N	096:17:46.19 W
Summer	C-GLYF	150	SCHED	05/29/2021 19:55:57	5	89	211	326	065:13:00.00 N	096:22:07.79 W
Summer	C-GLYF	150	SCHED	05/29/2021 19:58:04	6	86	211	331	065:15:39.59 N	096:26:17.39 W
Summer	C-GLYF	150	SCHED	05/29/2021 20:00:12	7	88	251	324	065:18:19.20 N	096:30:21.59 W
Summer	C-GLYF	150	SCHED	05/29/2021 20:02:20	8	97	202	309	065:21:04.79 N	096:34:26.99 W
Summer	C-GLYF	150	SCHED	05/29/2021 20:04:29	9	94	189	300	065:23:35.40 N	096:39:50.40 W
Summer	C-GLYF	150	SCHED	05/29/2021 20:07:06	10	0	145	41	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	150	ARRIVAL	05/29/2021 20:07:26	1	0	146	41	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	150	XML_FLIGHT_SUMMARY	05/29/2021 20:07:27	0	0	0	0		
Summer	C-GLYF	150	SCHED	05/29/2021 20:09:35	11	0	143	41	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	151	DEPARTURE	05/29/2021 20:10:15	2	82	199	109	065:23:55.79 N	096:39:46.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:12:26	12	124	221	194	065:20:10.20 N	096:36:37.19 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:14:44	13	26	182	38	065:16:48.60 N	096:41:12.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:16:52	14	20	219	271	065:17:00.00 N	096:40:37.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:19:00	15	111	227	108	065:16:56.99 N	096:39:17.39 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:21:23	16	41	198	293	065:16:58.19 N	096:38:30.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:24:31	17	122	182	153	065:15:26.99 N	096:36:21.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:26:40	18	46	158	287	065:14:08.39 N	096:34:02.99 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:28:48	19	17	145	336	065:12:28.80 N	096:36:03.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:30:58	20	5	153	349	065:12:02.39 N	096:36:13.79 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:33:16	21	126	190	188	065:11:18.60 N	096:37:08.40 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:35:25	22	45	191	340	065:12:14.39 N	096:36:04.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:37:33	23	73	220	138	065:12:01.80 N	096:38:28.80 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:39:39	24	106	236	271	065:12:30.60 N	096:41:58.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:41:47	25	111	252	184	065:12:37.79 N	096:45:14.40 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:43:54	26	120	228	133	065:12:35.99 N	096:42:45.00 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:46:00	27	4	170	109	065:10:08.39 N	096:38:40.80 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:48:09	28	80	202	203	065:09:28.19 N	096:39:34.79 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:51:12	29	114	195	100	065:07:55.79 N	096:32:05.99 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:53:36	30	117	198	108	065:06:46.19 N	096:20:40.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:56:28	31	55	183	90	065:06:07.79 N	096:17:15.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 20:58:37	32	112	213	106	065:05:08.40 N	096:12:55.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:00:48	33	21	153	299	065:04:14.40 N	096:09:12.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:03:05	34	45	145	15	065:05:40.80 N	096:08:19.79 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:05:14	35	81	208	183	065:06:31.80 N	096:05:54.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:07:21	36	61	141	41	065:06:52.80 N	096:06:46.79 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:09:27	37	94	241	60	065:08:30.60 N	096:00:45.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:11:45	38	77	197	43	065:10:14.39 N	095:54:15.00 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:13:54	39	73	199	308	065:11:23.40 N	095:55:33.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:16:02	40	75	192	335	065:12:31.20 N	096:01:39.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:18:15	41	84	206	297	065:14:22.80 N	096:05:23.39 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:20:25	42	88	204	287	065:15:46.80 N	096:12:25.80 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:22:33	43	11	123	0	065:16:02.99 N	096:17:53.39 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:24:40	44	73	164	288	065:16:37.80 N	096:19:50.40 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:27:03	45	83	159	220	065:17:15.60 N	096:22:03.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:29:10	46	67	139	274	065:16:13.80 N	096:21:38.39 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:31:17	47	9	171	324	065:16:26.40 N	096:27:00.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:33:22	48	81	173	26	065:16:12.60 N	096:23:10.80 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:35:30	49	86	199	335	065:18:19.79 N	096:24:18.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:37:37	50	35	179	271	065:19:50.99 N	096:26:24.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:39:44	51	20	175	314	065:20:31.80 N	096:29:29.39 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:41:52	52	86	190	298	065:20:44.40 N	096:30:57.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:43:59	53	98	246	312	065:22:32.39 N	096:37:39.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:46:09	54	96	235	298	065:24:28.19 N	096:44:38.40 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:48:20	55	89	184	321	065:26:42.60 N	096:50:27.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:50:27	56	92	164	309	065:29:03.00 N	096:55:56.39 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:52:34	57	11	159	291	065:30:06.60 N	097:01:01.79 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:54:42	58	10	146	351	065:30:20.40 N	097:01:13.20 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:56:49	59	3	173	357	065:30:34.20 N	097:01:52.19 W
Summer	C-GLYF	151	SCHED	05/29/2021 21:59:09	60	125	196	128	065:30:34.79 N	096:59:24.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 22:01:16	61	130	193	131	065:27:24.60 N	096:50:06.59 W
Summer	C-GLYF	151	SCHED	05/29/2021 22:03:42	62	128	201	113	065:23:51.60 N	096:43:17.39 W
Summer	C-GLYF	151	ARRIVAL	05/29/2021 22:05:19	2	0	160	74	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	151	XML_FLIGHT_SUMMARY	05/29/2021 22:05:20	0	0	0	0		
Summer	C-GLYF	151	SCHED	05/29/2021 22:07:28	63	0	157	74	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	151	SCHED	05/29/2021 22:09:37	64	0	156	74	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	151	SCHED	05/29/2021 22:11:50	65	10	197	79	065:23:54.59 N	096:40:26.99 W
Summer	C-GLYF	152	DEPARTURE	05/29/2021 22:12:23	3	47	253	64	065:23:56.40 N	096:39:48.59 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:14:43	66	132	237	150	065:20:52.19 N	096:33:08.40 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:16:49	67	132	281	151	065:17:01.80 N	096:25:28.79 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:19:00	68	134	280	145	065:12:54.59 N	096:20:17.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	152	SCHED	05/29/2021 22:22:03	69	131	250	151	065:07:41.40 N	096:13:04.19 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:24:13	70	131	267	149	065:02:57.60 N	096:06:13.20 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:26:30	71	0	138	340	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	152	ARRIVAL	05/29/2021 22:26:37	3	0	138	340	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	152	XML_FLIGHT_SUMMARY	05/29/2021 22:26:38	0	0	0	0		
Summer	C-GLYF	152	SCHED	05/29/2021 22:28:47	72	0	137	340	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:30:56	73	0	141	342	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:33:06	74	0	140	285	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	152	SCHED	05/29/2021 22:35:12	75	0	138	41	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	153	POWER_ON	05/29/2021 22:36:16	NA	NA	NA	NA		
Summer	C-GLYF	153	SCHED	05/29/2021 22:36:51	1	0	136	328	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	153	POWER_ON	05/29/2021 22:55:43	NA	NA	NA	NA		
Summer	C-GLYF	153	SCHED	05/29/2021 22:56:20	1	0	136	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	153	SCHED	05/29/2021 22:58:35	2	0	134	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	153	DEPARTURE	05/29/2021 22:59:46	1	68	187	332	065:01:41.39 N	096:04:47.40 W
Summer	C-GLYF	153	SCHED	05/29/2021 23:01:55	3	94	205	35	065:04:16.20 N	095:59:19.79 W
Summer	C-GLYF	153	ARRIVAL	05/29/2021 23:03:49	1	0	138	33	065:04:54.60 N	095:58:34.20 W
Summer	C-GLYF	153	XML_FLIGHT_SUMMARY	05/29/2021 23:03:50	0	0	0	0		
Summer	C-GLYF	153	SCHED	05/29/2021 23:05:56	4	0	138	33	065:04:54.60 N	095:58:34.20 W
Summer	C-GLYF	153	SCHED	05/29/2021 23:08:04	5	0	139	33	065:04:54.60 N	095:58:34.20 W
Summer	C-GLYF	153	SCHED	05/29/2021 23:10:19	6	57	180	278	065:04:58.80 N	095:58:52.19 W
Summer	C-GLYF	154	DEPARTURE	05/29/2021 23:10:25	2	92	224	227	065:04:55.19 N	095:59:15.60 W
Summer	C-GLYF	154	SCHED	05/29/2021 23:12:32	7	43	181	280	065:01:24.59 N	096:04:06.59 W
Summer	C-GLYF	154	ARRIVAL	05/29/2021 23:13:42	2	0	135	48	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	154	XML_FLIGHT_SUMMARY	05/29/2021 23:13:43	0	0	0	0		
Summer	C-GLYF	155	DEPARTURE	05/29/2021 23:14:41	3	57	222	357	065:01:40.80 N	096:04:33.59 W
Summer	C-GLYF	155	SCHED	05/29/2021 23:16:51	8	60	221	34	065:03:15.59 N	096:01:22.19 W
Summer	C-GLYF	155	SCHED	05/29/2021 23:19:03	9	12	172	30	065:04:54.60 N	095:58:34.20 W
Summer	C-GLYF	155	SCHED	05/29/2021 23:21:18	10	0	157	88	065:04:55.19 N	095:58:33.59 W
Summer	C-GLYF	155	SCHED	05/29/2021 23:23:27	11	87	269	207	065:04:22.79 N	096:02:10.20 W
Summer	C-GLYF	155	SCHED	05/29/2021 23:25:39	12	96	247	161	065:01:23.99 N	096:05:25.20 W
Summer	C-GLYF	155	SCHED	05/29/2021 23:27:56	13	0	139	27	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	155	ARRIVAL	05/29/2021 23:28:14	3	0	138	27	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	155	XML_FLIGHT_SUMMARY	05/29/2021 23:28:15	0	0	0	0		
Summer	C-GLYF	155	SCHED	05/29/2021 23:30:25	14	0	137	27	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	156	POWER_ON	05/31/2021 11:13:01	NA	NA	NA	NA		
Summer	C-GLYF	156	POWER_ON	05/31/2021 11:18:11	NA	NA	NA	NA		
Summer	C-GLYF	156	SCHED	05/31/2021 11:18:48	1	1	0	313	065:01:27.00 N	096:04:14.39 W
Summer	C-GLYF	156	DEPARTURE	05/31/2021 11:20:28	1	49	0	11	065:01:41.39 N	096:04:18.00 W
Summer	C-GLYF	156	SCHED	05/31/2021 11:22:35	2	82	0	40	065:03:46.80 N	096:00:20.99 W
Summer	C-GLYF	156	SCHED	05/31/2021 11:24:42	3	0	242	319	065:04:56.40 N	095:58:33.59 W
Summer	C-GLYF	156	ARRIVAL	05/31/2021 11:24:48	1	0	242	319	065:04:56.40 N	095:58:33.59 W
Summer	C-GLYF	156	XML_FLIGHT_SUMMARY	05/31/2021 11:24:49	0	0	0	0		
Summer	C-GLYF	157	DEPARTURE	05/31/2021 11:25:56	2	86	240	220	065:04:51.60 N	095:59:16.79 W
Summer	C-GLYF	157	SCHED	05/31/2021 11:28:03	4	79	227	229	065:01:29.39 N	096:03:28.80 W
Summer	C-GLYF	157	ARRIVAL	05/31/2021 11:29:29	2	0	165	70	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	157	XML_FLIGHT_SUMMARY	05/31/2021 11:29:30	0	0	0	0		
Summer	C-GLYF	157	SCHED	05/31/2021 11:31:43	5	0	164	70	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	158	POWER_ON	05/31/2021 11:34:03	NA	NA	NA	NA		
Summer	C-GLYF	158	SCHED	05/31/2021 11:35:26	1	43	197	1	065:01:33.59 N	096:04:16.20 W
Summer	C-GLYF	158	DEPARTURE	05/31/2021 11:35:39	1	52	221	1	065:01:42.00 N	096:04:16.79 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:37:47	2	60	251	29	065:03:34.20 N	096:00:21.59 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:39:56	3	51	180	34	065:04:20.40 N	095:59:28.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:42:05	4	0	144	349	065:04:54.60 N	095:58:31.20 W
Summer	C-GLYF	158	ARRIVAL	05/31/2021 11:42:11	1	0	144	349	065:04:54.60 N	095:58:31.20 W
Summer	C-GLYF	158	XML_FLIGHT_SUMMARY	05/31/2021 11:42:12	0	0	0	0		
Summer	C-GLYF	158	SCHED	05/31/2021 11:44:21	5	0	142	349	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:46:34	6	0	140	349	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:48:43	7	0	139	165	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:50:52	8	0	141	169	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:54:30	9	0	141	169	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:56:37	10	0	142	169	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 11:58:47	11	0	142	169	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	158	SCHED	05/31/2021 12:00:54	12	0	142	169	065:04:53.99 N	095:58:31.20 W
Summer	C-GLYF	159	DEPARTURE	05/31/2021 12:01:57	2	99	173	200	065:04:44.39 N	095:59:09.59 W
Summer	C-GLYF	159	ARRIVAL	05/31/2021 12:04:00	2	0	132	4	065:03:57.60 N	095:59:59.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:04:09	13	0	131	4	065:03:57.60 N	095:59:59.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:06:18	14	0	129	4	065:03:57.60 N	095:59:59.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:08:26	15	0	125	4	065:03:57.60 N	095:59:59.39 W
Summer	C-GLYF	159	DEPARTURE	05/31/2021 12:09:09	3	64	186	43	065:04:12.60 N	095:59:39.59 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:11:18	16	0	161	211	065:04:55.19 N	095:58:33.59 W
Summer	C-GLYF	159	ARRIVAL	05/31/2021 12:13:11	3	0	148	85	065:04:54.60 N	095:58:33.59 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:15:22	17	1	164	287	065:04:55.19 N	095:58:32.99 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:17:30	18	25	195	267	065:04:58.20 N	095:58:46.20 W
Summer	C-GLYF	159	DEPARTURE	05/31/2021 12:17:51	4	65	222	189	065:04:46.19 N	095:59:07.80 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:20:12	19	2	175	38	065:03:58.80 N	096:00:01.19 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:22:24	20	1	165	208	065:03:58.80 N	096:00:01.19 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:24:34	21	47	185	35	065:04:19.20 N	095:59:24.59 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:26:42	22	76	221	209	065:04:45.00 N	095:59:15.00 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:29:00	23	51	193	37	065:04:16.79 N	095:59:33.00 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:31:13	24	107	243	182	065:04:09.59 N	095:59:30.60 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:33:24	25	35	179	3	065:04:51.60 N	095:58:32.99 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:35:33	26	83	243	245	065:03:54.60 N	095:59:05.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:37:47	27	1	157	339	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:39:58	28	50	184	29	065:04:43.19 N	095:58:43.79 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:42:05	29	8	168	38	065:03:58.19 N	096:00:00.00 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:44:16	30	0	149	5	065:04:55.19 N	095:58:32.99 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:46:23	31	44	199	281	065:03:53.40 N	095:59:53.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:48:37	32	56	193	42	065:04:40.80 N	095:58:54.59 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:50:46	33	19	182	11	065:03:56.99 N	096:00:01.19 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:52:54	34	0	149	17	065:04:55.19 N	095:58:32.99 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:55:02	35	0	156	42	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:57:19	36	103	237	213	065:02:17.39 N	096:01:33.59 W
Summer	C-GLYF	159	SCHED	05/31/2021 12:59:31	37	0	154	298	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	159	ARRIVAL	05/31/2021 13:00:41	4	0	143	298	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	159	XML_FLIGHT_SUMMARY	05/31/2021 13:00:42	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	159	SCHED	05/31/2021 13:02:49	38	0	139	298	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	159	SCHED	05/31/2021 13:04:57	39	0	139	3	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	159	SCHED	05/31/2021 13:07:09	40	0	137	76	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	160	DEPARTURE	05/31/2021 13:07:55	5	50	206	359	065:01:38.39 N	096:04:16.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:10:03	41	70	231	43	065:03:37.19 N	096:00:36.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:12:10	42	17	153	15	065:04:56.40 N	095:58:32.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:14:17	43	0	153	46	065:03:58.80 N	095:59:59.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:16:25	44	46	166	57	065:04:58.80 N	095:58:27.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:18:38	45	49	163	44	065:04:03.59 N	095:59:48.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:20:49	46	89	215	216	065:04:11.99 N	095:58:23.99 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:23:01	47	54	200	44	065:04:21.59 N	095:59:06.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:25:10	48	66	217	120	065:05:04.20 N	095:57:45.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:27:18	49	13	176	341	065:03:56.99 N	096:00:00.00 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:29:31	50	60	182	57	065:04:14.40 N	095:59:16.79 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:33:15	51	29	195	303	065:03:53.40 N	095:59:56.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:35:23	52	35	167	4	065:04:52.19 N	095:58:34.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:38:17	53	75	215	247	065:03:53.40 N	095:59:31.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:40:26	54	0	150	346	065:04:55.19 N	095:58:32.99 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:43:20	55	29	183	340	065:03:54.60 N	096:00:00.00 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:45:29	56	8	152	34	065:04:55.79 N	095:58:31.79 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:48:30	57	60	165	50	065:04:08.99 N	095:59:25.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:50:42	58	76	210	232	065:04:11.40 N	095:58:42.00 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:52:59	59	49	174	9	065:04:42.60 N	095:58:36.00 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:55:39	60	19	174	356	065:03:56.40 N	096:00:00.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:57:45	61	0	152	33	065:04:55.19 N	095:58:33.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 13:59:54	62	2	151	15	065:03:58.19 N	096:00:00.00 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:02:02	63	7	151	336	065:04:55.19 N	095:58:33.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:04:10	64	17	149	22	065:03:58.80 N	095:59:59.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:06:24	65	83	197	141	065:04:54.60 N	095:57:57.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:08:32	66	64	179	29	065:04:25.80 N	095:58:56.99 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:10:41	67	77	207	230	065:04:07.20 N	095:58:58.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:12:49	68	27	167	12	065:04:53.40 N	095:58:34.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:15:02	69	6	158	13	065:03:57.60 N	096:00:00.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:17:09	70	15	157	22	065:04:56.40 N	095:58:33.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:19:16	71	0	150	46	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:21:23	72	40	165	45	065:04:58.80 N	095:58:29.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:23:47	73	0	151	37	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:25:56	74	4	157	17	065:04:55.79 N	095:58:33.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:28:02	75	8	157	37	065:03:58.19 N	096:00:01.19 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:30:14	76	50	191	18	065:04:48.60 N	095:58:39.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:32:23	77	77	221	250	065:03:53.99 N	095:59:30.00 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:34:34	78	67	198	32	065:04:39.00 N	095:58:54.59 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:36:46	79	84	210	243	065:03:55.19 N	095:59:22.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:38:53	80	68	213	40	065:04:18.59 N	095:58:49.19 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:41:04	81	92	222	219	065:04:22.19 N	095:58:13.80 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:43:16	82	10	163	108	065:03:56.99 N	096:00:01.79 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:45:24	83	0	145	273	065:04:55.19 N	095:58:40.20 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:47:30	84	67	214	243	065:03:56.40 N	095:59:29.39 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:49:41	85	0	150	96	065:04:00.00 N	096:00:01.79 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:51:59	86	1	151	276	065:03:59.40 N	096:00:04.19 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:54:06	87	1	142	54	065:03:57.60 N	095:59:58.20 W
Summer	C-GLYF	160	ARRIVAL	05/31/2021 14:55:19	5	0	136	321	065:03:57.60 N	095:59:58.20 W
Summer	C-GLYF	160	XML_FLIGHT_SUMMARY	05/31/2021 14:55:20	0	0	0	0		
Summer	C-GLYF	160	SCHED	05/31/2021 14:57:26	88	0	136	147	065:03:57.60 N	095:59:57.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 14:59:33	89	0	135	151	065:03:57.60 N	095:59:57.60 W
Summer	C-GLYF	160	SCHED	05/31/2021 15:01:43	90	0	155	190	065:04:00.00 N	096:00:00.00 W
Summer	C-GLYF	161	DEPARTURE	05/31/2021 15:02:23	6	74	190	65	065:04:10.79 N	095:59:21.59 W
Summer	C-GLYF	161	SCHED	05/31/2021 15:04:30	91	90	209	221	065:04:20.40 N	095:58:39.00 W
Summer	C-GLYF	161	SCHED	05/31/2021 15:06:44	92	81	189	114	065:04:01.19 N	095:59:30.00 W
Summer	C-GLYF	161	SCHED	05/31/2021 15:08:54	93	83	500	200	065:01:18.59 N	096:02:30.00 W
Summer	C-GLYF	161	SCHED	05/31/2021 15:11:00	94	0	142	280	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	161	ARRIVAL	05/31/2021 15:12:18	6	0	141	280	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	161	XML_FLIGHT_SUMMARY	05/31/2021 15:12:19	0	0	0	0		
Summer	C-GLYF	161	SCHED	05/31/2021 15:14:28	95	0	139	280	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	161	SCHED	05/31/2021 15:16:35	96	0	142	138	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	161	SCHED	05/31/2021 15:18:47	97	0	142	33	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	162	DEPARTURE	05/31/2021 15:19:43	7	58	247	350	065:01:41.39 N	096:04:16.20 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:21:53	98	77	247	73	065:03:51.60 N	096:01:50.40 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:24:00	99	1	157	14	065:04:55.19 N	095:58:40.20 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:26:07	100	4	155	69	065:04:00.00 N	096:00:00.00 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:28:18	101	84	197	141	065:04:54.60 N	095:58:00.59 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:30:29	102	67	185	29	065:04:24.59 N	095:59:05.39 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:32:37	103	83	206	239	065:04:11.40 N	095:59:00.60 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:34:48	104	1	153	17	065:03:58.80 N	096:00:01.79 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:36:55	105	1	164	126	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:39:05	106	8	239	77	065:03:56.99 N	096:00:13.19 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:41:12	107	36	182	7	065:04:51.60 N	095:58:28.79 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:43:21	108	34	175	51	065:04:59.40 N	095:58:28.79 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:45:33	109	17	156	33	065:03:59.40 N	095:59:55.80 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:47:44	110	67	203	125	065:04:57.60 N	095:57:50.40 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:49:51	111	55	162	48	065:04:02.99 N	095:59:46.20 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:51:57	112	70	219	188	065:04:37.80 N	095:57:42.60 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:54:05	113	58	177	61	065:04:02.99 N	095:59:39.59 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:56:14	114	78	215	206	065:04:39.00 N	095:57:55.20 W
Summer	C-GLYF	162	SCHED	05/31/2021 15:58:22	115	66	188	48	065:04:18.00 N	095:59:07.80 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:00:29	116	86	235	220	065:04:14.40 N	095:58:08.99 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:02:43	117	0	156	59	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:04:53	118	46	211	260	065:04:31.19 N	095:59:29.39 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:07:11	119	83	301	207	065:03:47.39 N	095:59:40.79 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:09:19	120	63	222	246	065:01:27.00 N	096:03:34.79 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:11:29	121	0	144	12	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	162	ARRIVAL	05/31/2021 16:11:37	7	0	144	12	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	162	XML_FLIGHT_SUMMARY	05/31/2021 16:11:38	0	0	0	0		
Summer	C-GLYF	162	SCHED	05/31/2021 16:14:39	122	0	142	200	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	162	SCHED	05/31/2021 16:16:51	123	0	142	149	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	163	POWER_ON	05/31/2021 23:01:13	NA	NA	NA	NA		
Summer	C-GLYF	163	SCHED	05/31/2021 23:02:10	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	163	DEPARTURE	05/31/2021 23:04:03	1	73	165	326	065:01:40.80 N	096:04:44.39 W
Summer	C-GLYF	163	SCHED	05/31/2021 23:06:21	2	11	144	333	065:03:56.99 N	095:59:58.80 W
Summer	C-GLYF	163	ARRIVAL	05/31/2021 23:07:21	1	0	134	140	065:03:57.60 N	095:59:59.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	163	XML_FLIGHT_SUMMARY	05/31/2021 23:07:22	0	0	0	0		
Summer	C-GLYF	163	SCHED	05/31/2021 23:09:32	3	0	128	3	065:03:58.19 N	095:59:57.60 W
Summer	C-GLYF	163	SCHED	05/31/2021 23:11:40	4	0	129	3	065:03:58.19 N	095:59:57.60 W
Summer	C-GLYF	163	SCHED	05/31/2021 23:13:49	5	0	131	275	065:03:58.19 N	095:59:57.60 W
Summer	C-GLYF	163	SCHED	05/31/2021 23:15:59	6	0	132	275	065:03:58.19 N	095:59:57.60 W
Summer	C-GLYF	164	DEPARTURE	05/31/2021 23:17:23	2	71	186	241	065:04:00.60 N	096:00:36.59 W
Summer	C-GLYF	164	SCHED	05/31/2021 23:19:30	7	73	186	110	065:01:22.79 N	096:04:39.60 W
Summer	C-GLYF	164	ARRIVAL	05/31/2021 23:20:44	2	0	139	20	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	164	XML_FLIGHT_SUMMARY	05/31/2021 23:20:45	0	0	0	0		
Summer	C-GLYF	164	SCHED	05/31/2021 23:22:53	8	0	133	20	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	165	POWER_ON	06/01/2021 11:02:53	NA	NA	NA	NA		
Summer	C-GLYF	165	SCHED	06/01/2021 11:03:46	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	165	DEPARTURE	06/01/2021 11:05:11	1	76	0	319	065:01:39.00 N	096:04:56.99 W
Summer	C-GLYF	165	SCHED	06/01/2021 11:07:19	2	27	0	318	065:03:53.40 N	095:59:56.39 W
Summer	C-GLYF	165	ARRIVAL	06/01/2021 11:08:28	1	0	142	302	065:03:58.19 N	095:59:57.60 W
Summer	C-GLYF	165	XML_FLIGHT_SUMMARY	06/01/2021 11:08:29	0	0	0	0		
Summer	C-GLYF	165	SCHED	06/01/2021 11:10:35	3	0	146	335	065:03:58.80 N	095:59:57.60 W
Summer	C-GLYF	165	SCHED	06/01/2021 11:12:44	4	0	145	339	065:03:58.80 N	095:59:57.60 W
Summer	C-GLYF	165	SCHED	06/01/2021 11:14:51	5	0	142	334	065:03:58.19 N	095:59:57.60 W
Summer	C-GLYF	165	SCHED	06/01/2021 11:17:02	6	0	141	296	065:03:58.80 N	095:59:57.60 W
Summer	C-GLYF	166	DEPARTURE	06/01/2021 11:18:09	2	79	174	214	065:03:50.99 N	096:00:36.00 W
Summer	C-GLYF	166	SCHED	06/01/2021 11:20:20	7	13	147	218	065:01:27.60 N	096:04:17.39 W
Summer	C-GLYF	166	ARRIVAL	06/01/2021 11:21:15	2	0	144	138	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	166	XML_FLIGHT_SUMMARY	06/01/2021 11:21:16	0	0	0	0		
Summer	C-GLYF	167	DEPARTURE	06/01/2021 11:22:39	3	79	225	349	065:01:39.59 N	096:04:45.60 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:24:46	8	71	226	355	065:04:04.20 N	095:59:45.00 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:26:58	9	64	239	203	065:04:22.19 N	095:59:23.99 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:29:15	10	80	263	31	065:04:40.20 N	095:59:08.39 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:31:24	11	62	253	185	065:04:17.39 N	095:59:21.59 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:33:36	12	62	254	216	065:03:28.80 N	096:00:44.39 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:35:45	13	57	258	223	065:01:43.80 N	096:04:02.39 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:37:54	14	2	173	295	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	167	ARRIVAL	06/01/2021 11:39:40	3	0	149	260	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	167	XML_FLIGHT_SUMMARY	06/01/2021 11:39:41	0	0	0	0		
Summer	C-GLYF	167	SCHED	06/01/2021 11:41:45	15	0	149	260	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:43:53	16	0	145	325	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:46:00	17	18	148	2	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:48:27	18	0	146	123	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	167	SCHED	06/01/2021 11:50:34	19	0	146	123	065:01:26.40 N	096:04:15.60 W
Summer	C-GLYF	168	POWER_ON	06/01/2021 15:11:38	NA	NA	NA	NA		
Summer	C-GLYF	168	SCHED	06/01/2021 15:12:20	1	0	0	0	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	168	DEPARTURE	06/01/2021 15:13:31	1	64	0	79	065:01:21.60 N	096:03:36.00 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:15:38	2	85	0	25	065:03:30.59 N	096:00:41.99 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:17:45	3	0	160	125	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:19:55	4	2	160	300	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:22:15	5	7	159	69	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:24:22	6	11	165	269	065:03:59.40 N	096:00:03.60 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:26:29	7	1	160	261	065:03:58.80 N	096:00:06.60 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:28:36	8	61	220	212	065:02:52.80 N	096:01:45.00 W
Summer	C-GLYF	168	SCHED	06/01/2021 15:30:47	9	45	193	152	065:01:31.79 N	096:04:19.19 W
Summer	C-GLYF	168	ARRIVAL	06/01/2021 15:32:16	1	0	144	138	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	168	XML_FLIGHT_SUMMARY	06/01/2021 15:32:17	0	0	0	0		
Summer	C-GLYF	169	POWER_ON	06/01/2021 21:35:45	NA	NA	NA	NA		
Summer	C-GLYF	169	SCHED	06/01/2021 21:37:31	1	1	0	135	065:01:25.20 N	096:04:16.20 W
Summer	C-GLYF	169	DEPARTURE	06/01/2021 21:38:33	1	69	225	59	065:01:27.60 N	096:03:35.40 W
Summer	C-GLYF	169	SCHED	06/01/2021 21:40:51	2	69	201	41	065:03:58.19 N	096:00:20.99 W
Summer	C-GLYF	169	ARRIVAL	06/01/2021 21:42:17	1	0	140	340	065:03:58.19 N	095:59:56.39 W
Summer	C-GLYF	169	XML_FLIGHT_SUMMARY	06/01/2021 21:42:18	0	0	0	0		
Summer	C-GLYF	170	POWER_ON	06/01/2021 22:05:51	NA	NA	NA	NA		
Summer	C-GLYF	170	SCHED	06/01/2021 22:06:29	1	0	141	0	065:03:58.19 N	095:59:56.99 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:08:37	2	2	146	227	065:03:58.19 N	095:59:56.99 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:10:48	3	1	169	121	065:03:57.60 N	095:59:57.60 W
Summer	C-GLYF	170	DEPARTURE	06/01/2021 22:12:19	1	41	196	267	065:04:02.99 N	095:59:52.80 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:14:37	4	0	163	103	065:03:58.19 N	095:59:58.80 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:16:51	5	5	170	307	065:03:58.80 N	096:00:05.39 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:18:58	6	0	160	290	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	170	ARRIVAL	06/01/2021 22:20:09	1	0	160	290	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:22:18	7	0	161	269	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:24:30	8	12	165	286	065:03:58.80 N	096:00:03.00 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:26:48	9	64	184	214	065:03:50.39 N	096:00:15.60 W
Summer	C-GLYF	170	DEPARTURE	06/01/2021 22:26:54	2	74	199	208	065:03:42.60 N	096:00:27.60 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:29:03	10	23	171	215	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	170	ARRIVAL	06/01/2021 22:31:06	2	0	143	56	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	170	XML_FLIGHT_SUMMARY	06/01/2021 22:31:07	0	0	0	0		
Summer	C-GLYF	170	SCHED	06/01/2021 22:31:16	11	0	140	210	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:33:25	12	0	138	249	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	170	SCHED	06/01/2021 22:35:31	13	42	161	56	065:01:25.79 N	096:04:07.80 W
Summer	C-GLYF	171	DEPARTURE	06/01/2021 22:35:50	3	65	208	49	065:01:34.79 N	096:03:42.60 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:37:57	14	69	206	14	065:03:30.59 N	095:59:45.00 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:40:09	15	0	155	261	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:42:18	16	1	156	260	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:44:25	17	1	158	121	065:03:58.80 N	095:59:58.80 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:46:39	18	0	163	169	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:49:37	19	1	157	254	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:51:50	20	10	165	286	065:03:59.40 N	096:00:04.19 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:53:58	21	2	161	144	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:56:07	22	1	161	287	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	171	SCHED	06/01/2021 22:58:31	23	2	153	191	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:00:39	24	0	158	248	065:03:59.40 N	096:00:07.19 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:02:45	25	2	155	15	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:04:56	26	1	152	158	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:07:15	27	0	158	284	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:09:31	28	1	160	98	065:03:58.80 N	095:59:58.20 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:11:36	29	15	161	103	065:03:58.80 N	096:00:04.19 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:13:43	30	3	168	323	065:03:59.40 N	096:00:04.79 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:15:51	31	1	166	120	065:03:59.40 N	096:00:06.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	171	SCHED	06/01/2021 23:18:00	32	0	156	267	065:03:58.80 N	096:00:06.00 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:20:09	33	41	191	1	065:03:56.99 N	096:00:14.40 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:22:15	34	81	158	244	065:02:56.99 N	096:00:53.99 W
Summer	C-GLYF	171	SCHED	06/01/2021 23:24:23	35	7	141	120	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	171	ARRIVAL	06/01/2021 23:25:16	3	0	138	122	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	171	XML_FLIGHT_SUMMARY	06/01/2021 23:25:17	0	0	0	0		
Summer	C-GLYF	171	SCHED	06/01/2021 23:27:24	36	1	138	277	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	172	POWER_ON	06/02/2021 14:24:31	NA	NA	NA	NA		
Summer	C-GLYF	172	SCHED	06/02/2021 14:25:09	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	172	DEPARTURE	06/02/2021 14:26:14	1	68	181	307	065:01:38.39 N	096:04:47.40 W
Summer	C-GLYF	172	SCHED	06/02/2021 14:28:23	2	92	174	39	065:03:34.20 N	095:59:23.40 W
Summer	C-GLYF	172	SCHED	06/02/2021 14:30:32	3	0	141	167	065:03:55.19 N	095:59:46.80 W
Summer	C-GLYF	172	SCHED	06/02/2021 14:32:44	4	2	150	121	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	172	SCHED	06/02/2021 14:35:02	5	41	196	131	065:04:48.60 N	095:59:25.20 W
Summer	C-GLYF	172	ARRIVAL	06/02/2021 14:36:27	1	0	145	96	065:04:52.19 N	095:59:18.60 W
Summer	C-GLYF	172	XML_FLIGHT_SUMMARY	06/02/2021 14:36:28	0	0	0	0		
Summer	C-GLYF	173	DEPARTURE	06/02/2021 14:38:27	2	71	193	130	065:04:55.79 N	095:58:48.59 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:40:36	6	49	181	5	065:04:47.40 N	095:59:17.39 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:42:45	7	6	158	52	065:03:59.40 N	096:00:04.79 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:44:51	8	0	147	306	065:03:59.40 N	096:00:02.39 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:47:08	9	81	219	201	065:03:29.39 N	096:00:51.60 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:49:28	10	2	154	136	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	173	ARRIVAL	06/02/2021 14:50:37	2	0	141	270	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	173	XML_FLIGHT_SUMMARY	06/02/2021 14:50:38	0	0	0	0		
Summer	C-GLYF	173	SCHED	06/02/2021 14:52:44	11	0	139	270	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:54:54	12	0	137	128	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:57:00	13	0	137	151	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	173	SCHED	06/02/2021 14:59:07	14	0	136	151	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	173	SCHED	06/02/2021 15:01:14	15	0	134	224	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	174	POWER_ON	06/02/2021 22:33:30	NA	NA	NA	NA		
Summer	C-GLYF	174	POWER_ON	06/02/2021 22:34:51	NA	NA	NA	NA		
Summer	C-GLYF	174	SCHED	06/02/2021 22:35:33	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	174	DEPARTURE	06/02/2021 22:37:41	1	62	0	2	065:01:43.19 N	096:04:15.60 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:39:52	2	1	86	198	065:04:00.00 N	096:00:07.19 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:41:59	3	1	152	208	065:04:00.00 N	096:00:00.00 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:44:09	4	1	157	210	065:03:59.40 N	096:00:03.60 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:46:28	5	1	158	271	065:03:59.40 N	096:00:03.60 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:48:34	6	9	161	67	065:03:59.40 N	096:00:01.79 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:50:41	7	0	160	345	065:03:59.40 N	096:00:04.19 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:52:59	8	80	232	209	065:03:32.39 N	096:00:53.39 W
Summer	C-GLYF	174	SCHED	06/02/2021 22:55:06	9	6	163	320	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	174	ARRIVAL	06/02/2021 22:56:28	1	0	140	112	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	174	XML_FLIGHT_SUMMARY	06/02/2021 22:56:29	0	0	0	0		
Summer	C-GLYF	175	POWER_ON	06/03/2021 11:40:11	NA	NA	NA	NA		
Summer	C-GLYF	175	SCHED	06/03/2021 11:41:39	1	0	0	0	065:01:27.60 N	096:04:13.79 W
Summer	C-GLYF	175	DEPARTURE	06/03/2021 11:42:20	1	59	0	2	065:01:43.80 N	096:04:18.00 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:45:16	2	26	231	31	065:03:56.99 N	096:00:11.40 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:47:31	3	68	248	244	065:04:02.99 N	096:00:42.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:49:42	4	77	313	213	065:02:03.60 N	096:05:31.19 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:51:50	5	66	239	6	065:01:49.80 N	096:04:15.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:54:02	6	65	324	40	065:03:44.39 N	096:01:02.40 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:56:10	7	28	213	348	065:04:56.40 N	095:59:20.40 W
Summer	C-GLYF	175	SCHED	06/03/2021 11:58:19	8	0	179	337	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:00:27	9	1	185	21	065:04:52.80 N	095:59:18.00 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:02:40	10	0	180	20	065:03:59.40 N	096:00:04.19 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:04:59	11	17	185	94	065:04:52.80 N	095:59:16.79 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:07:16	12	57	240	8	065:04:27.59 N	095:59:37.19 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:09:24	13	45	236	262	065:03:52.19 N	095:59:53.39 W
Summer	C-GLYF	175	ARRIVAL	06/03/2021 12:11:28	1	0	145	48	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	XML_FLIGHT_SUMMARY	06/03/2021 12:11:29	0	0	0	0		
Summer	C-GLYF	175	SCHED	06/03/2021 12:11:37	14	0	145	48	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:13:44	15	0	146	48	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:15:55	16	0	145	48	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:18:01	17	0	143	48	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:20:13	18	0	143	48	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:22:21	19	0	139	344	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:24:31	20	0	136	22	065:03:55.79 N	095:59:57.60 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:26:42	21	0	139	19	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:28:52	22	0	138	19	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:30:59	23	0	136	19	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:33:06	24	0	136	16	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:35:20	25	0	137	16	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:38:06	26	0	137	10	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	175	SCHED	06/03/2021 12:40:13	27	0	136	17	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	176	DEPARTURE	06/03/2021 12:42:17	2	63	180	327	065:04:09.59 N	096:00:18.60 W
Summer	C-GLYF	176	SCHED	06/03/2021 12:45:10	28	19	154	124	065:04:38.39 N	096:02:03.00 W
Summer	C-GLYF	176	ARRIVAL	06/03/2021 12:46:09	2	0	144	13	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	176	DEPARTURE	06/03/2021 12:46:48	3	83	182	139	065:04:30.00 N	096:01:18.60 W
Summer	C-GLYF	176	ARRIVAL	06/03/2021 12:48:25	3	0	140	60	065:03:55.79 N	095:59:56.99 W
Summer	C-GLYF	176	SCHED	06/03/2021 12:50:34	29	2	159	352	065:03:58.19 N	095:59:59.39 W
Summer	C-GLYF	176	DEPARTURE	06/03/2021 12:51:46	4	50	225	294	065:04:07.20 N	096:00:31.79 W
Summer	C-GLYF	176	SCHED	06/03/2021 12:53:56	30	74	245	133	065:04:25.80 N	096:01:22.80 W
Summer	C-GLYF	176	SCHED	06/03/2021 12:56:04	31	50	220	300	065:04:10.79 N	096:00:49.19 W
Summer	C-GLYF	176	SCHED	06/03/2021 12:58:11	32	60	190	119	065:04:35.39 N	096:01:40.20 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:00:24	33	57	220	315	065:04:15.00 N	096:00:58.19 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:02:34	34	24	169	4	065:03:55.79 N	095:59:59.39 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:04:43	35	1	183	351	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:06:51	36	43	198	298	065:03:59.40 N	096:00:13.19 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:09:11	37	81	226	127	065:04:23.39 N	096:01:10.20 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:11:21	38	0	163	209	065:03:58.19 N	096:00:00.00 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:13:30	39	98	276	222	065:02:02.40 N	096:02:21.00 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:16:18	40	0	146	127	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	176	ARRIVAL	06/03/2021 13:16:25	4	0	147	127	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	176	XML_FLIGHT_SUMMARY	06/03/2021 13:16:26	0	0	0	0		
Summer	C-GLYF	176	SCHED	06/03/2021 13:18:33	41	0	141	122	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	176	SCHED	06/03/2021 13:20:44	42	0	142	6	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	177	DEPARTURE	06/03/2021 13:22:01	5	66	221	354	065:01:42.00 N	096:04:15.00 W
Summer	C-GLYF	177	SCHED	06/03/2021 13:24:13	43	47	232	47	065:03:53.99 N	096:00:10.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	177	SCHED	06/03/2021 13:26:26	44	2	171	187	065:03:57.60 N	095:59:59.39 W
Summer	C-GLYF	177	SCHED	06/03/2021 13:29:31	45	1	181	95	065:04:37.19 N	096:01:56.99 W
Summer	C-GLYF	177	SCHED	06/03/2021 13:31:46	46	62	211	257	065:04:03.59 N	096:00:16.19 W
Summer	C-GLYF	177	SCHED	06/03/2021 13:33:58	47	61	222	261	065:01:23.99 N	096:03:48.00 W
Summer	C-GLYF	177	ARRIVAL	06/03/2021 13:35:41	5	0	139	154	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	177	XML_FLIGHT_SUMMARY	06/03/2021 13:35:42	0	0	0	0		
Summer	C-GLYF	178	POWER_ON	06/03/2021 17:42:00	NA	NA	NA	NA		
Summer	C-GLYF	178	SCHED	06/03/2021 17:42:39	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	178	DEPARTURE	06/03/2021 17:43:56	1	64	0	357	065:01:40.80 N	096:04:25.80 W
Summer	C-GLYF	178	SCHED	06/03/2021 17:47:00	2	0	0	16	065:03:56.99 N	096:00:11.40 W
Summer	C-GLYF	178	ARRIVAL	06/03/2021 17:47:16	1	0	-17	16	065:03:56.99 N	096:00:11.99 W
Summer	C-GLYF	178	XML_FLIGHT_SUMMARY	06/03/2021 17:47:17	0	0	0	0		
Summer	C-GLYF	179	DEPARTURE	06/03/2021 17:48:16	2	76	84	250	065:04:06.60 N	096:00:43.80 W
Summer	C-GLYF	179	SCHED	06/03/2021 17:50:27	3	9	147	316	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	179	ARRIVAL	06/03/2021 17:51:36	2	0	129	295	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	179	XML_FLIGHT_SUMMARY	06/03/2021 17:51:37	0	0	0	0		
Summer	C-GLYF	180	DEPARTURE	06/03/2021 17:54:33	3	63	219	45	065:01:43.19 N	096:04:08.40 W
Summer	C-GLYF	180	SCHED	06/03/2021 17:56:43	4	1	164	346	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	180	SCHED	06/03/2021 17:59:05	5	32	218	311	065:04:13.20 N	096:00:34.79 W
Summer	C-GLYF	180	SCHED	06/03/2021 18:01:13	6	11	160	316	065:04:37.19 N	096:01:56.39 W
Summer	C-GLYF	180	SCHED	06/03/2021 18:03:23	7	0	137	55	065:03:58.19 N	096:00:15.00 W
Summer	C-GLYF	180	ARRIVAL	06/03/2021 18:03:33	3	0	137	55	065:03:58.19 N	096:00:15.00 W
Summer	C-GLYF	180	XML_FLIGHT_SUMMARY	06/03/2021 18:03:34	0	0	0	0		
Summer	C-GLYF	180	SCHED	06/03/2021 18:05:41	8	0	135	55	065:03:58.19 N	096:00:15.00 W
Summer	C-GLYF	181	DEPARTURE	06/03/2021 18:06:43	4	81	183	322	065:04:15.59 N	096:00:38.40 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:08:51	9	9	154	19	065:04:41.99 N	096:01:49.79 W
Summer	C-GLYF	181	ARRIVAL	06/03/2021 18:10:47	4	0	146	332	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	181	DEPARTURE	06/03/2021 18:12:22	5	62	223	47	065:04:50.99 N	096:01:51.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:14:50	10	53	194	310	065:04:03.59 N	096:00:20.40 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:16:56	11	5	185	153	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:19:06	12	3	166	348	065:03:59.40 N	096:00:06.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:21:21	13	73	235	139	065:04:24.59 N	096:00:59.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:23:39	14	39	192	317	065:04:02.99 N	096:00:15.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:25:46	15	1	179	346	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:27:53	16	38	185	320	065:04:02.40 N	096:00:12.60 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:30:00	17	0	175	84	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:32:11	18	2	157	355	065:03:58.80 N	096:00:05.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:34:21	19	75	223	136	065:04:24.00 N	096:01:19.79 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:36:31	20	50	224	298	065:04:22.19 N	096:01:13.20 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:38:39	21	12	179	79	065:04:37.19 N	096:01:56.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:40:48	22	58	215	321	065:04:13.20 N	096:00:40.20 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:42:55	23	36	206	66	065:03:56.99 N	096:00:09.59 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:45:02	24	12	192	5	065:04:35.99 N	096:01:57.60 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:47:11	25	4	173	32	065:03:59.40 N	096:00:05.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:49:27	26	31	194	90	065:04:37.80 N	096:01:53.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:51:39	27	57	220	304	065:04:13.79 N	096:01:04.79 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:53:56	28	35	213	83	065:03:58.19 N	096:00:11.99 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:56:07	29	51	195	82	065:04:39.00 N	096:01:47.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 18:58:19	30	58	231	298	065:04:13.79 N	096:00:48.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:00:30	31	6	191	291	065:03:58.80 N	096:00:04.79 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:02:37	32	2	179	47	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:04:45	33	66	205	288	065:04:08.40 N	096:00:35.40 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:06:56	34	83	224	167	065:04:02.99 N	096:00:38.40 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:09:04	35	13	202	316	065:04:35.99 N	096:01:56.99 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:11:22	36	15	169	334	065:04:00.00 N	096:00:07.19 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:13:32	37	92	265	199	065:03:42.60 N	096:02:51.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:15:43	38	0	162	341	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	181	ARRIVAL	06/03/2021 19:16:59	5	0	140	341	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	181	XML_FLIGHT_SUMMARY	06/03/2021 19:17:00	0	0	0	0		
Summer	C-GLYF	181	SCHED	06/03/2021 19:19:08	39	0	139	341	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:21:27	40	0	130	76	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:23:37	41	0	130	76	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:25:44	42	0	130	76	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:27:54	43	0	130	76	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:30:05	44	0	130	76	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:32:15	45	0	130	76	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	181	SCHED	06/03/2021 19:34:24	46	2	129	226	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	182	DEPARTURE	06/03/2021 19:35:05	6	62	192	325	065:01:37.19 N	096:04:38.39 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:37:22	47	76	241	40	065:03:30.00 N	096:00:54.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:39:30	48	58	217	316	065:04:27.59 N	096:01:43.80 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:41:36	49	18	190	330	065:03:57.60 N	096:00:04.79 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:43:44	50	2	181	116	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:45:51	51	57	228	302	065:04:11.99 N	096:00:51.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:47:58	52	85	222	131	065:03:55.19 N	096:00:45.00 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:50:06	53	7	188	358	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:52:14	54	45	199	287	065:04:02.40 N	096:00:18.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:54:24	55	85	234	146	065:04:14.40 N	096:00:56.99 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:56:31	56	40	218	319	065:04:32.39 N	096:01:50.40 W
Summer	C-GLYF	182	SCHED	06/03/2021 19:58:39	57	0	167	42	065:03:59.40 N	096:00:06.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:00:52	58	1	179	3	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:03:13	59	49	198	299	065:04:05.99 N	096:00:23.40 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:05:23	60	93	239	148	065:04:04.79 N	096:00:54.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:07:31	61	1	183	2	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:09:40	62	31	184	310	065:04:00.60 N	096:00:10.20 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:11:55	63	82	212	144	065:04:14.40 N	096:01:04.19 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:14:08	64	40	226	300	065:04:15.00 N	096:00:54.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:16:15	65	85	235	152	065:04:11.40 N	096:01:18.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:18:23	66	26	210	342	065:04:35.99 N	096:01:51.00 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:20:30	67	1	167	343	065:03:59.40 N	096:00:03.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:22:37	68	44	218	322	065:04:25.80 N	096:01:30.60 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:24:57	69	77	216	157	065:04:31.19 N	096:01:13.20 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:27:16	70	11	205	347	065:04:37.80 N	096:01:51.00 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:29:25	71	57	205	311	065:04:06.60 N	096:00:19.79 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:31:32	72	75	257	150	065:03:58.19 N	096:00:21.59 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:33:39	73	2	177	62	065:04:38.39 N	096:01:50.40 W
Summer	C-GLYF	182	SCHED	06/03/2021 20:35:47	74	14	151	37	065:03:56.99 N	096:00:16.79 W
Summer	C-GLYF	182	ARRIVAL	06/03/2021 20:36:44	6	0	136	49	065:03:57.60 N	096:00:15.00 W
Summer	C-GLYF	182	XML_FLIGHT_SUMMARY	06/03/2021 20:36:45	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	183	DEPARTURE	06/03/2021 20:37:39	7	71	195	305	065:04:13.79 N	096:00:37.19 W
Summer	C-GLYF	183	SCHED	06/03/2021 20:40:55	75	2	172	3	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	183	ARRIVAL	06/03/2021 20:41:02	7	0	138	22	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	183	SCHED	06/03/2021 20:43:09	76	0	187	287	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	183	DEPARTURE	06/03/2021 20:44:07	8	55	214	60	065:04:45.60 N	096:02:02.39 W
Summer	C-GLYF	183	SCHED	06/03/2021 20:47:51	77	83	250	214	065:01:54.00 N	096:03:04.19 W
Summer	C-GLYF	183	SCHED	06/03/2021 20:50:14	78	91	237	22	065:02:13.80 N	096:03:56.99 W
Summer	C-GLYF	183	SCHED	06/03/2021 20:52:25	79	0	143	354	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	183	ARRIVAL	06/03/2021 20:52:59	8	0	143	354	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	183	XML_FLIGHT_SUMMARY	06/03/2021 20:53:00	0	0	0	0		
Summer	C-GLYF	184	DEPARTURE	06/03/2021 20:53:56	9	82	186	104	065:04:49.19 N	096:01:31.79 W
Summer	C-GLYF	184	SCHED	06/03/2021 20:56:55	80	5	139	307	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	184	ARRIVAL	06/03/2021 20:57:29	9	0	132	342	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	184	XML_FLIGHT_SUMMARY	06/03/2021 20:57:30	0	0	0	0		
Summer	C-GLYF	184	SCHED	06/03/2021 20:59:40	81	0	132	342	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	184	SCHED	06/03/2021 21:01:47	82	0	139	281	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	184	SCHED	06/03/2021 21:03:58	83	0	141	126	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	185	POWER_ON	06/03/2021 21:45:50	NA	NA	NA	NA		
Summer	C-GLYF	185	SCHED	06/03/2021 21:46:27	1	0	140	296	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	185	SCHED	06/03/2021 21:48:34	2	8	145	43	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	185	DEPARTURE	06/03/2021 21:49:04	1	70	171	313	065:01:37.80 N	096:04:43.19 W
Summer	C-GLYF	185	SCHED	06/03/2021 21:52:01	3	67	257	122	065:00:08.99 N	096:04:39.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 21:54:14	4	64	260	342	065:02:23.39 N	096:01:55.80 W
Summer	C-GLYF	185	SCHED	06/03/2021 21:56:22	5	61	217	170	065:02:12.60 N	096:05:46.79 W
Summer	C-GLYF	185	SCHED	06/03/2021 21:58:28	6	90	299	22	065:00:32.39 N	096:02:52.80 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:00:36	7	84	207	78	065:02:57.60 N	096:00:06.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:02:52	8	79	267	286	065:05:13.20 N	096:00:01.19 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:05:06	9	73	236	296	065:04:58.80 N	096:01:30.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:07:13	10	76	223	331	065:06:44.40 N	096:05:31.80 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:09:20	11	42	166	349	065:08:48.59 N	096:06:33.00 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:11:34	12	64	164	330	065:10:34.19 N	096:08:53.40 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:13:48	13	93	198	303	065:12:27.60 N	096:12:02.39 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:15:55	14	95	203	282	065:13:27.60 N	096:18:57.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:18:09	15	71	204	219	065:13:17.40 N	096:25:48.00 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:20:17	16	94	206	52	065:15:45.00 N	096:26:51.00 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:22:24	17	96	212	346	065:18:28.80 N	096:24:39.59 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:24:32	18	93	218	311	065:20:02.99 N	096:31:18.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:26:44	19	92	201	358	065:22:19.20 N	096:35:58.20 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:28:56	20	64	241	8	065:24:37.80 N	096:39:15.00 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:31:05	21	72	231	101	065:24:58.79 N	096:41:43.20 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:33:12	22	51	270	122	065:24:35.40 N	096:42:10.80 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:35:23	23	77	258	135	065:24:08.39 N	096:43:20.99 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:37:34	24	53	263	44	065:22:49.20 N	096:44:35.40 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:39:43	25	57	248	139	065:23:44.40 N	096:40:52.79 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:41:49	26	76	283	54	065:23:40.19 N	096:40:09.59 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:43:56	27	28	187	346	065:23:52.20 N	096:40:30.60 W
Summer	C-GLYF	185	ARRIVAL	06/03/2021 22:44:54	1	0	159	55	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	185	XML_FLIGHT_SUMMARY	06/03/2021 22:44:55	0	0	0	0		
Summer	C-GLYF	185	SCHED	06/03/2021 22:47:01	28	0	152	55	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:49:15	29	0	154	26	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:51:21	30	0	153	26	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:53:27	31	0	153	26	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	185	SCHED	06/03/2021 22:55:34	32	70	161	104	065:23:54.59 N	096:40:10.20 W
Summer	C-GLYF	186	DEPARTURE	06/03/2021 22:55:48	2	84	176	112	065:23:49.79 N	096:39:43.79 W
Summer	C-GLYF	186	SCHED	06/03/2021 22:57:55	33	121	213	125	065:20:53.99 N	096:33:27.60 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:00:02	34	104	166	136	065:18:48.00 N	096:25:10.20 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:02:11	35	116	220	238	065:16:01.19 N	096:26:25.20 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:04:18	36	61	269	88	065:13:02.39 N	096:26:01.20 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:06:25	37	100	165	116	065:13:16.19 N	096:18:13.79 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:08:35	38	120	217	148	065:11:33.59 N	096:10:31.79 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:10:43	39	126	164	192	065:08:01.79 N	096:06:34.19 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:12:52	40	107	197	194	065:04:48.60 N	096:03:05.99 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:15:02	41	0	137	125	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	186	ARRIVAL	06/03/2021 23:15:46	2	0	137	125	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	186	XML_FLIGHT_SUMMARY	06/03/2021 23:15:47	0	0	0	0		
Summer	C-GLYF	186	SCHED	06/03/2021 23:17:53	42	0	138	125	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	186	SCHED	06/03/2021 23:20:04	43	0	138	125	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	187	DEPARTURE	06/03/2021 23:21:11	3	58	254	360	065:01:44.39 N	096:04:17.39 W
Summer	C-GLYF	187	SCHED	06/03/2021 23:23:24	44	73	239	23	065:04:08.99 N	096:02:24.59 W
Summer	C-GLYF	187	SCHED	06/03/2021 23:25:40	45	92	256	204	065:03:07.20 N	096:03:40.20 W
Summer	C-GLYF	187	SCHED	06/03/2021 23:27:51	46	0	144	90	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	187	ARRIVAL	06/03/2021 23:28:41	3	0	142	90	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	187	XML_FLIGHT_SUMMARY	06/03/2021 23:28:42	0	0	0	0		
Summer	C-GLYF	187	SCHED	06/03/2021 23:30:52	47	0	141	93	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	188	DEPARTURE	06/03/2021 23:32:10	4	80	178	329	065:01:40.80 N	096:04:47.40 W
Summer	C-GLYF	188	SCHED	06/03/2021 23:34:19	48	10	154	311	065:04:37.19 N	096:01:53.99 W
Summer	C-GLYF	188	ARRIVAL	06/03/2021 23:35:17	4	0	145	351	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	188	XML_FLIGHT_SUMMARY	06/03/2021 23:35:18	0	0	0	0		
Summer	C-GLYF	188	SCHED	06/03/2021 23:37:24	49	0	142	351	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	188	SCHED	06/03/2021 23:39:30	50	0	139	351	065:04:37.80 N	096:01:55.80 W
Summer	C-GLYF	188	SCHED	06/03/2021 23:41:36	51	0	136	351	065:04:37.19 N	096:01:55.80 W
Summer	C-GLYF	188	SCHED	06/03/2021 23:43:43	52	83	147	216	065:04:31.80 N	096:02:25.79 W
Summer	C-GLYF	189	DEPARTURE	06/03/2021 23:43:50	5	93	149	204	065:04:26.40 N	096:02:32.39 W
Summer	C-GLYF	189	SCHED	06/03/2021 23:45:56	53	11	155	18	065:01:25.79 N	096:04:17.39 W
Summer	C-GLYF	189	ARRIVAL	06/03/2021 23:47:06	5	0	136	39	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	189	XML_FLIGHT_SUMMARY	06/03/2021 23:47:07	0	0	0	0		
Summer	C-GLYF	189	SCHED	06/03/2021 23:49:18	54	0	138	39	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	190	POWER_ON	06/04/2021 11:04:28	NA	NA	NA	NA		
Summer	C-GLYF	190	SCHED	06/04/2021 11:05:07	1	0	0	0	065:01:27.00 N	096:04:15.60 W
Summer	C-GLYF	190	SCHED	06/04/2021 11:07:23	2	27	1	91	065:01:25.79 N	096:04:19.79 W
Summer	C-GLYF	190	DEPARTURE	06/04/2021 11:07:40	1	66	10	89	065:01:20.40 N	096:03:40.20 W
Summer	C-GLYF	190	SCHED	06/04/2021 11:09:46	3	56	167	358	065:04:29.39 N	096:01:42.60 W
Summer	C-GLYF	190	SCHED	06/04/2021 11:11:52	4	0	144	131	065:04:37.19 N	096:01:54.59 W
Summer	C-GLYF	190	ARRIVAL	06/04/2021 11:12:18	1	0	142	131	065:04:37.19 N	096:01:54.59 W
Summer	C-GLYF	190	XML_FLIGHT_SUMMARY	06/04/2021 11:12:19	0	0	0	0		
Summer	C-GLYF	190	SCHED	06/04/2021 11:14:26	5	0	145	131	065:04:37.19 N	096:01:54.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	190	SCHED	06/04/2021 11:16:35	6	0	149	130	065:04:37.19 N	096:01:55.20 W
Summer	C-GLYF	191	DEPARTURE	06/04/2021 11:17:37	2	79	184	203	065:04:27.00 N	096:02:26.39 W
Summer	C-GLYF	191	SCHED	06/04/2021 11:19:48	7	19	165	297	065:01:23.99 N	096:04:12.60 W
Summer	C-GLYF	191	ARRIVAL	06/04/2021 11:20:48	2	0	141	344	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	191	XML_FLIGHT_SUMMARY	06/04/2021 11:20:49	0	0	0	0		
Summer	C-GLYF	191	SCHED	06/04/2021 11:22:55	8	0	142	344	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	191	SCHED	06/04/2021 11:25:02	9	0	140	177	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	191	SCHED	06/04/2021 11:27:10	10	0	137	206	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	191	SCHED	06/04/2021 11:29:19	11	1	140	133	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	192	DEPARTURE	06/04/2021 11:30:00	3	70	211	9	065:01:45.00 N	096:04:16.20 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:32:12	12	76	203	54	065:04:12.60 N	096:01:10.20 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:34:18	13	91	227	231	065:05:05.99 N	096:00:55.20 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:36:27	14	68	207	120	065:04:37.19 N	096:01:19.79 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:38:40	15	54	220	283	065:05:09.59 N	096:00:05.39 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:40:47	16	0	172	353	065:04:37.19 N	096:01:58.80 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:42:55	17	63	260	189	065:03:38.39 N	096:02:43.20 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:45:08	18	60	218	188	065:01:40.80 N	096:05:04.79 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:48:06	19	9	157	202	065:01:45.59 N	096:05:16.20 W
Summer	C-GLYF	192	SCHED	06/04/2021 11:50:17	20	0	142	104	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	192	ARRIVAL	06/04/2021 11:50:35	3	0	143	104	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	192	XML_FLIGHT_SUMMARY	06/04/2021 11:50:36	0	0	0	0		
Summer	C-GLYF	193	POWER_ON	06/04/2021 14:31:39	NA	NA	NA	NA		
Summer	C-GLYF	193	SCHED	06/04/2021 14:32:09	1	0	130	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	193	DEPARTURE	06/04/2021 14:33:08	1	68	201	10	065:01:45.59 N	096:04:09.59 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:35:18	2	77	194	69	065:04:05.99 N	096:01:11.40 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:37:26	3	39	207	305	065:04:22.79 N	096:01:29.39 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:39:35	4	33	180	92	065:04:55.79 N	096:01:52.80 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:41:42	5	56	192	302	065:04:05.99 N	096:00:30.60 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:44:37	6	80	218	144	065:04:22.79 N	096:01:00.60 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:46:49	7	47	212	333	065:04:50.40 N	096:02:50.40 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:49:00	8	1	155	341	065:03:59.40 N	096:00:05.39 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:51:55	9	79	221	146	065:04:27.00 N	096:01:13.79 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:54:06	10	41	199	302	065:04:08.40 N	096:00:36.00 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:56:20	11	69	211	161	065:04:39.60 N	096:01:34.19 W
Summer	C-GLYF	193	SCHED	06/04/2021 14:58:27	12	46	202	306	065:04:07.79 N	096:00:39.00 W
Summer	C-GLYF	193	SCHED	06/04/2021 15:00:40	13	0	177	150	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	193	SCHED	06/04/2021 15:02:50	14	92	244	203	065:03:16.79 N	096:01:56.99 W
Summer	C-GLYF	193	SCHED	06/04/2021 15:04:57	15	17	206	296	065:02:06.60 N	096:03:44.39 W
Summer	C-GLYF	193	SCHED	06/04/2021 15:07:04	16	1	159	78	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	193	ARRIVAL	06/04/2021 15:08:33	1	0	144	126	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	193	XML_FLIGHT_SUMMARY	06/04/2021 15:08:34	0	0	0	0		
Summer	C-GLYF	193	SCHED	06/04/2021 15:10:43	17	0	141	84	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	194	POWER_ON	06/04/2021 22:07:38	NA	NA	NA	NA		
Summer	C-GLYF	194	SCHED	06/04/2021 22:08:22	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	194	DEPARTURE	06/04/2021 22:09:12	1	89	0	47	065:02:22.79 N	096:04:54.59 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:11:19	2	82	221	35	065:04:19.20 N	095:59:41.39 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:13:31	3	80	253	223	065:05:02.99 N	096:00:59.39 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:15:38	4	42	189	104	065:04:39.00 N	096:01:43.80 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:17:45	5	13	179	61	065:04:52.19 N	095:59:16.79 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:19:52	6	0	172	53	065:04:38.39 N	096:01:50.40 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:22:52	7	85	233	215	065:04:27.59 N	096:00:26.99 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:25:02	8	80	270	147	065:01:36.00 N	096:05:19.79 W
Summer	C-GLYF	194	SCHED	06/04/2021 22:27:09	9	0	141	344	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	194	ARRIVAL	06/04/2021 22:27:23	1	0	140	344	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	194	XML_FLIGHT_SUMMARY	06/04/2021 22:27:24	0	0	0	0		
Summer	C-GLYF	195	POWER_ON	06/04/2021 23:06:06	NA	NA	NA	NA		
Summer	C-GLYF	195	SCHED	06/04/2021 23:06:42	1	0	152	316	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	195	DEPARTURE	06/04/2021 23:07:16	1	58	202	113	065:01:20.40 N	096:03:37.19 W
Summer	C-GLYF	195	SCHED	06/04/2021 23:10:10	2	43	188	226	065:04:45.00 N	096:01:55.80 W
Summer	C-GLYF	195	ARRIVAL	06/04/2021 23:11:08	1	0	148	208	065:04:38.39 N	096:01:57.60 W
Summer	C-GLYF	195	XML_FLIGHT_SUMMARY	06/04/2021 23:11:09	0	0	0	0		
Summer	C-GLYF	195	SCHED	06/04/2021 23:13:16	3	0	149	208	065:04:38.39 N	096:01:57.60 W
Summer	C-GLYF	195	SCHED	06/04/2021 23:15:28	4	0	149	90	065:04:38.39 N	096:01:57.60 W
Summer	C-GLYF	195	SCHED	06/04/2021 23:17:45	5	0	147	90	065:04:38.39 N	096:01:57.60 W
Summer	C-GLYF	195	SCHED	06/04/2021 23:19:55	6	0	146	90	065:04:38.39 N	096:01:57.60 W
Summer	C-GLYF	195	SCHED	06/04/2021 23:22:00	7	0	141	90	065:04:38.39 N	096:01:58.19 W
Summer	C-GLYF	196	DEPARTURE	06/04/2021 23:23:36	2	62	187	351	065:04:49.19 N	096:01:41.99 W
Summer	C-GLYF	196	SCHED	06/04/2021 23:25:44	8	118	215	208	065:02:40.80 N	096:04:04.79 W
Summer	C-GLYF	196	SCHED	06/04/2021 23:27:59	9	0	136	149	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	196	ARRIVAL	06/04/2021 23:28:32	2	0	136	149	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	196	XML_FLIGHT_SUMMARY	06/04/2021 23:28:33	0	0	0	0		
Summer	C-GLYF	196	SCHED	06/04/2021 23:30:38	10	0	137	149	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	197	DEPARTURE	06/04/2021 23:32:17	3	77	228	349	065:01:42.59 N	096:04:05.40 W
Summer	C-GLYF	197	SCHED	06/04/2021 23:34:26	11	19	218	38	065:04:37.19 N	096:02:00.00 W
Summer	C-GLYF	197	SCHED	06/04/2021 23:36:37	12	4	192	211	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	197	SCHED	06/04/2021 23:38:46	13	86	274	206	065:02:08.99 N	096:04:38.99 W
Summer	C-GLYF	197	SCHED	06/04/2021 23:40:54	14	4	159	135	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	197	SCHED	06/04/2021 23:43:05	15	0	138	90	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	197	ARRIVAL	06/04/2021 23:44:14	3	0	139	92	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	197	XML_FLIGHT_SUMMARY	06/04/2021 23:44:15	0	0	0	0		
Summer	C-GLYF	198	POWER_ON	06/05/2021 00:21:05	NA	NA	NA	NA		
Summer	C-GLYF	198	SCHED	06/05/2021 00:21:43	1	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:23:52	2	0	139	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:26:01	3	0	139	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:28:16	4	0	139	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:30:27	5	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:32:39	6	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:34:48	7	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:38:08	8	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	SCHED	06/05/2021 00:40:16	9	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	198	POWER_ON	06/05/2021 11:11:28	NA	NA	NA	NA		
Summer	C-GLYF	198	SCHED	06/05/2021 11:13:07	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	198	DEPARTURE	06/05/2021 11:14:28	1	107	0	3	065:02:45.00 N	096:02:29.39 W
Summer	C-GLYF	198	SCHED	06/05/2021 11:16:43	2	0	141	194	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	198	ARRIVAL	06/05/2021 11:16:53	1	0	142	194	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	198	XML_FLIGHT_SUMMARY	06/05/2021 11:16:54	0	0	0	0		

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	198	SCHED	06/05/2021 11:19:03	3	0	146	128	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	198	SCHED	06/05/2021 11:21:10	4	0	146	128	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	198	SCHED	06/05/2021 11:23:17	5	0	145	128	065:04:38.39 N	096:01:56.39 W
Summer	C-GLYF	199	DEPARTURE	06/05/2021 11:24:32	2	84	181	199	065:04:18.00 N	096:02:01.79 W
Summer	C-GLYF	199	SCHED	06/05/2021 11:26:47	6	9	153	118	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	199	ARRIVAL	06/05/2021 11:28:32	2	0	146	105	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	199	XML_FLIGHT_SUMMARY	06/05/2021 11:28:33	0	0	0	0		
Summer	C-GLYF	200	DEPARTURE	06/05/2021 11:29:15	3	80	208	2	065:01:46.19 N	096:04:13.79 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:31:24	7	58	254	56	065:04:39.60 N	096:02:19.20 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:33:38	8	66	297	203	065:03:45.60 N	096:02:48.00 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:36:43	9	9	200	156	065:01:20.99 N	096:04:28.80 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:38:54	10	81	254	33	065:03:31.80 N	096:00:56.99 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:41:10	11	60	226	185	065:04:39.60 N	095:59:25.20 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:43:31	12	14	193	67	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:45:45	13	59	215	186	065:04:41.99 N	095:59:19.79 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:47:55	14	4	187	34	065:04:38.39 N	096:01:50.40 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:50:09	15	73	236	35	065:04:41.99 N	095:59:46.20 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:53:01	16	90	261	225	065:03:08.99 N	096:02:57.60 W
Summer	C-GLYF	200	SCHED	06/05/2021 11:55:09	17	11	156	127	065:01:26.40 N	096:04:15.60 W
Summer	C-GLYF	200	ARRIVAL	06/05/2021 11:56:12	3	0	145	221	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	200	XML_FLIGHT_SUMMARY	06/05/2021 11:56:13	0	0	0	0		
Summer	C-GLYF	200	SCHED	06/05/2021 11:58:18	18	0	143	221	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	200	SCHED	06/05/2021 12:00:29	19	0	143	54	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	200	SCHED	06/05/2021 12:03:24	20	0	147	122	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	201	POWER_ON	06/05/2021 16:10:41	NA	NA	NA	NA		
Summer	C-GLYF	201	SCHED	06/05/2021 16:11:21	1	0	133	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	201	DEPARTURE	06/05/2021 16:12:30	1	47	182	185	065:01:15.60 N	096:04:36.60 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:14:38	2	120	343	351	065:02:04.19 N	096:02:07.19 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:16:47	3	67	296	136	065:01:48.00 N	096:09:38.40 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:18:59	4	106	727	328	065:04:47.99 N	096:12:48.00 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:21:05	5	132	827	331	065:08:38.99 N	096:18:25.79 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:23:12	6	126	875	334	065:12:43.20 N	096:23:30.00 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:25:19	7	139	731	330	065:16:51.60 N	096:28:41.39 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:27:32	8	131	590	331	065:20:55.20 N	096:34:42.60 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:29:40	9	117	486	282	065:25:07.19 N	096:39:58.20 W
Summer	C-GLYF	201	SCHED	06/05/2021 16:34:07	10	33	178	251	065:23:55.79 N	096:40:18.60 W
Summer	C-GLYF	201	ARRIVAL	06/05/2021 16:35:06	1	0	154	110	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	201	XML_FLIGHT_SUMMARY	06/05/2021 16:35:07	0	0	0	0		
Summer	C-GLYF	201	SCHED	06/05/2021 16:37:18	11	0	154	110	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	202	POWER_ON	06/05/2021 21:40:57	NA	NA	NA	NA		
Summer	C-GLYF	202	SCHED	06/05/2021 21:41:33	1	0	0	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	202	DEPARTURE	06/05/2021 21:43:15	1	52	227	184	065:23:40.79 N	096:40:34.19 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:45:27	2	97	722	143	065:21:39.00 N	096:37:10.20 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:47:37	3	108	723	144	065:18:37.19 N	096:31:54.59 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:49:47	4	108	672	140	065:15:32.39 N	096:26:11.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:51:55	5	108	600	133	065:12:37.79 N	096:20:14.39 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:54:06	6	106	571	138	065:09:59.39 N	096:13:56.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:56:13	7	106	458	143	065:07:03.00 N	096:08:11.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 21:58:28	8	52	186	97	065:04:43.19 N	096:02:09.59 W
Summer	C-GLYF	202	ARRIVAL	06/05/2021 21:59:44	1	0	154	218	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	202	XML_FLIGHT_SUMMARY	06/05/2021 21:59:45	0	0	0	0		
Summer	C-GLYF	202	SCHED	06/05/2021 22:01:50	9	0	154	218	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 22:04:00	10	0	153	218	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 22:06:12	11	0	153	218	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 22:08:20	12	0	153	218	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	202	SCHED	06/05/2021 22:10:28	13	0	152	218	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	203	DEPARTURE	06/05/2021 22:13:23	2	63	209	190	065:04:20.40 N	096:01:53.99 W
Summer	C-GLYF	203	ARRIVAL	06/05/2021 22:15:19	2	0	130	125	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	203	POWER_ON	06/05/2021 23:09:55	NA	NA	NA	NA		
Summer	C-GLYF	203	SCHED	06/05/2021 23:10:34	1	0	138	280	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:12:43	2	0	139	283	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	203	DEPARTURE	06/05/2021 23:13:19	1	63	184	93	065:01:21.60 N	096:03:37.80 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:15:26	3	52	188	65	065:04:42.60 N	096:02:12.60 W
Summer	C-GLYF	203	ARRIVAL	06/05/2021 23:16:44	1	0	142	143	065:04:38.39 N	096:01:56.39 W
Summer	C-GLYF	203	XML_FLIGHT_SUMMARY	06/05/2021 23:16:45	0	0	0	0		
Summer	C-GLYF	203	SCHED	06/05/2021 23:19:03	4	0	140	143	065:04:38.39 N	096:01:56.99 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:21:12	5	0	136	143	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:23:22	6	0	136	171	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:25:29	7	0	135	171	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:27:42	8	0	135	171	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	203	SCHED	06/05/2021 23:29:53	9	0	136	171	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	204	DEPARTURE	06/05/2021 23:31:22	2	62	195	187	065:04:22.79 N	096:01:43.20 W
Summer	C-GLYF	204	SCHED	06/05/2021 23:33:29	10	66	216	152	065:01:33.59 N	096:04:46.19 W
Summer	C-GLYF	204	ARRIVAL	06/05/2021 23:34:51	2	0	138	161	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	204	XML_FLIGHT_SUMMARY	06/05/2021 23:34:52	0	0	0	0		
Summer	C-GLYF	205	DEPARTURE	06/05/2021 23:35:52	3	64	230	49	065:01:35.40 N	096:03:40.80 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:38:37	11	7	193	182	065:04:37.80 N	096:01:57.60 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:40:46	12	59	249	197	065:04:18.59 N	096:02:20.40 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:42:54	13	58	301	199	065:02:11.99 N	096:04:34.19 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:45:00	14	5	182	128	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	205	ARRIVAL	06/05/2021 23:46:49	3	0	142	292	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	205	XML_FLIGHT_SUMMARY	06/05/2021 23:46:50	0	0	0	0		
Summer	C-GLYF	205	SCHED	06/05/2021 23:48:59	15	0	142	292	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:51:08	16	0	142	54	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:53:18	17	4	144	126	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:55:32	18	0	140	132	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	205	SCHED	06/05/2021 23:57:54	19	0	138	132	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	205	SCHED	06/06/2021 00:00:02	20	0	138	132	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	205	SCHED	06/06/2021 00:02:12	21	0	137	132	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	205	SCHED	06/06/2021 00:04:25	22	0	137	284	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	205	SCHED	06/06/2021 00:07:18	23	0	136	79	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	205	SCHED	06/06/2021 00:09:24	24	0	136	147	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	206	POWER_ON	06/06/2021 11:07:07	NA	NA	NA	NA		
Summer	C-GLYF	206	SCHED	06/06/2021 11:07:48	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	206	SCHED	06/06/2021 11:09:58	2	0	142	307	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	206	DEPARTURE	06/06/2021 11:11:49	1	53	181	94	065:01:22.20 N	096:03:43.20 W
Summer	C-GLYF	206	SCHED	06/06/2021 11:14:00	3	59	232	68	065:04:44.39 N	096:02:15.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	206	SCHED	06/06/2021 11:16:10	4	2	156	100	065:04:37.80 N	096:01:55.80 W
Summer	C-GLYF	206	ARRIVAL	06/06/2021 11:17:11	1	0	155	93	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	206	XML_FLIGHT_SUMMARY	06/06/2021 11:17:12	0	0	0	0		
Summer	C-GLYF	206	SCHED	06/06/2021 11:19:22	5	0	152	122	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	206	SCHED	06/06/2021 11:22:30	6	0	152	105	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	207	DEPARTURE	06/06/2021 11:23:23	2	78	205	182	065:04:18.59 N	096:01:44.39 W
Summer	C-GLYF	207	SCHED	06/06/2021 11:25:29	7	33	172	85	065:01:25.79 N	096:04:25.80 W
Summer	C-GLYF	207	ARRIVAL	06/06/2021 11:26:39	2	0	148	117	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	207	XML_FLIGHT_SUMMARY	06/06/2021 11:26:40	0	0	0	0		
Summer	C-GLYF	207	SCHED	06/06/2021 11:28:52	8	0	146	117	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	208	DEPARTURE	06/06/2021 11:30:41	3	62	237	61	065:01:25.79 N	096:03:38.39 W
Summer	C-GLYF	208	SCHED	06/06/2021 11:32:53	9	66	282	39	065:04:39.60 N	096:02:25.79 W
Summer	C-GLYF	208	ARRIVAL	06/06/2021 11:34:44	3	0	155	228	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	208	XML_FLIGHT_SUMMARY	06/06/2021 11:34:45	0	0	0	0		
Summer	C-GLYF	209	POWER_ON	06/06/2021 12:24:07	NA	NA	NA	NA		
Summer	C-GLYF	209	SCHED	06/06/2021 12:24:44	1	0	145	9	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:27:43	2	3	193	86	065:04:37.19 N	096:01:56.99 W
Summer	C-GLYF	209	DEPARTURE	06/06/2021 12:28:33	1	47	279	282	065:04:24.59 N	096:02:17.99 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:30:44	3	1	203	90	065:04:55.79 N	096:01:58.19 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:33:04	4	0	146	144	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	209	ARRIVAL	06/06/2021 12:33:19	1	0	146	144	065:04:37.80 N	096:01:56.39 W
Summer	C-GLYF	209	DEPARTURE	06/06/2021 12:34:30	2	90	241	273	065:04:24.00 N	096:02:11.99 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:37:45	5	0	152	115	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	209	ARRIVAL	06/06/2021 12:37:52	2	0	152	115	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	209	DEPARTURE	06/06/2021 12:38:56	3	32	208	177	065:04:41.99 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:41:05	6	1	188	140	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:43:12	7	3	198	113	065:04:55.19 N	096:01:59.40 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:45:18	8	77	242	8	065:04:43.80 N	096:02:38.39 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:47:26	9	0	183	166	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:49:36	10	0	193	131	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:52:31	11	0	188	106	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:54:38	12	0	178	186	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:56:47	13	0	189	110	065:04:55.19 N	096:01:58.80 W
Summer	C-GLYF	209	SCHED	06/06/2021 12:58:55	14	3	186	159	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:01:12	15	38	215	176	065:04:49.79 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:03:27	16	82	262	342	065:04:35.99 N	096:02:37.80 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:05:33	17	0	180	257	065:04:37.19 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:07:41	18	75	256	348	065:04:35.99 N	096:02:33.59 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:09:58	19	0	181	339	065:04:37.19 N	096:01:56.99 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:12:05	20	52	198	187	065:04:46.19 N	096:01:57.60 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:14:13	21	1	185	124	065:04:55.19 N	096:01:58.80 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:16:21	22	29	207	89	065:04:55.19 N	096:02:05.40 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:18:27	23	79	242	335	065:04:32.39 N	096:02:41.39 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:20:37	24	20	191	165	065:04:35.39 N	096:01:56.99 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:24:17	25	41	200	170	065:04:33.59 N	096:01:50.40 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:26:28	26	83	212	199	065:04:26.40 N	096:02:02.39 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:29:33	27	3	166	211	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	209	ARRIVAL	06/06/2021 13:30:22	3	0	140	209	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	209	XML_FLIGHT_SUMMARY	06/06/2021 13:30:23	0	0	0	0		
Summer	C-GLYF	209	SCHED	06/06/2021 13:32:28	28	0	139	209	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	209	SCHED	06/06/2021 13:34:50	29	0	137	59	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	210	POWER_ON	06/06/2021 13:43:50	NA	NA	NA	NA		
Summer	C-GLYF	210	SCHED	06/06/2021 13:44:30	1	0	137	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	210	DEPARTURE	06/06/2021 13:46:29	1	59	217	73	065:01:23.40 N	096:03:37.19 W
Summer	C-GLYF	210	SCHED	06/06/2021 13:48:36	2	79	219	32	065:04:31.80 N	096:02:24.00 W
Summer	C-GLYF	210	SCHED	06/06/2021 13:50:43	3	1	179	106	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	210	SCHED	06/06/2021 13:52:50	4	2	182	129	065:04:54.60 N	096:01:59.40 W
Summer	C-GLYF	210	SCHED	06/06/2021 13:55:00	5	3	186	133	065:04:54.60 N	096:01:59.40 W
Summer	C-GLYF	210	SCHED	06/06/2021 13:57:08	6	1	184	161	065:04:54.60 N	096:01:59.40 W
Summer	C-GLYF	210	SCHED	06/06/2021 13:59:18	7	3	192	170	065:04:55.19 N	096:01:58.80 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:01:28	8	77	247	19	065:04:49.19 N	096:02:33.59 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:03:36	9	42	227	343	065:04:51.60 N	096:02:03.60 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:05:48	10	86	250	285	065:04:26.40 N	096:02:17.39 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:07:55	11	1	176	147	065:04:37.19 N	096:01:58.19 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:10:03	12	61	200	189	065:04:45.60 N	096:01:56.99 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:13:05	13	20	186	173	065:04:38.39 N	096:01:58.80 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:15:17	14	14	183	174	065:04:37.80 N	096:01:58.19 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:17:27	15	2	179	178	065:04:54.60 N	096:01:59.40 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:19:33	16	12	208	114	065:04:50.40 N	096:02:03.60 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:21:40	17	74	249	306	065:04:24.59 N	096:02:32.39 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:24:44	18	29	189	146	065:04:40.80 N	096:01:55.20 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:26:51	19	6	176	168	065:04:38.39 N	096:01:50.40 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:28:58	20	1	177	318	065:04:49.19 N	096:02:01.79 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:31:05	21	1	175	126	065:04:49.19 N	096:02:01.79 W
Summer	C-GLYF	210	SCHED	06/06/2021 14:33:12	22	0	148	227	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	210	ARRIVAL	06/06/2021 14:33:24	1	0	148	227	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	210	XML_FLIGHT_SUMMARY	06/06/2021 14:33:25	0	0	0	0		
Summer	C-GLYF	211	DEPARTURE	06/06/2021 14:34:34	2	53	206	27	065:04:54.60 N	096:02:10.20 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:36:41	23	58	160	347	065:04:50.40 N	096:02:07.80 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:38:48	24	1	182	200	065:04:55.79 N	096:01:58.80 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:41:38	25	10	194	149	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:43:49	26	0	146	111	065:04:55.19 N	096:02:01.19 W
Summer	C-GLYF	211	ARRIVAL	06/06/2021 14:43:56	2	0	146	111	065:04:55.19 N	096:02:01.19 W
Summer	C-GLYF	211	DEPARTURE	06/06/2021 14:44:54	3	45	184	323	065:05:09.59 N	096:02:08.40 W
Summer	C-GLYF	211	ARRIVAL	06/06/2021 14:46:15	3	0	161	130	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	211	DEPARTURE	06/06/2021 14:46:48	4	71	183	174	065:04:56.99 N	096:02:15.00 W
Summer	C-GLYF	211	ARRIVAL	06/06/2021 14:48:18	4	0	147	155	065:04:37.80 N	096:01:56.99 W
Summer	C-GLYF	211	DEPARTURE	06/06/2021 14:49:50	5	66	251	241	065:04:22.19 N	096:02:01.19 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:52:03	27	64	219	174	065:05:05.40 N	096:02:17.99 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:54:09	28	1	196	115	065:05:16.19 N	096:02:21.59 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:56:17	29	58	249	333	065:05:04.79 N	096:02:31.20 W
Summer	C-GLYF	211	SCHED	06/06/2021 14:58:30	30	24	191	96	065:04:36.60 N	096:01:54.59 W
Summer	C-GLYF	211	SCHED	06/06/2021 15:00:36	31	37	210	147	065:04:40.20 N	096:02:03.60 W
Summer	C-GLYF	211	SCHED	06/06/2021 15:02:43	32	1	201	158	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	211	SCHED	06/06/2021 15:04:59	33	61	263	326	065:05:10.20 N	096:02:34.79 W
Summer	C-GLYF	211	SCHED	06/06/2021 15:07:08	34	0	199	277	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	211	SCHED	06/06/2021 15:09:16	35	2	149	83	065:04:37.80 N	096:01:55.20 W
Summer	C-GLYF	211	SCHED	06/06/2021 15:11:26	36	0	167	234	065:05:15.00 N	096:02:18.59 W
Summer	C-GLYF	211	ARRIVAL	06/06/2021 15:11:34	5	0	167	234	065:05:15.00 N	096:02:18.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	211	XML_FLIGHT_SUMMARY	06/06/2021 15:11:35	0	0	0	0		
Summer	C-GLYF	212	DEPARTURE	06/06/2021 15:12:49	6	71	242	178	065:04:57.60 N	096:02:07.80 W
Summer	C-GLYF	212	SCHED	06/06/2021 15:14:55	37	85	283	208	065:02:12.60 N	096:04:42.60 W
Summer	C-GLYF	212	SCHED	06/06/2021 15:17:04	38	7	157	199	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	212	ARRIVAL	06/06/2021 15:17:55	6	0	142	228	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	212	XML_FLIGHT_SUMMARY	06/06/2021 15:17:56	0	0	0	0		
Summer	C-GLYF	213	POWER_ON	06/06/2021 15:23:18	NA	NA	NA	NA		
Summer	C-GLYF	213	SCHED	06/06/2021 15:24:02	1	15	153	12	065:01:25.79 N	096:04:11.99 W
Summer	C-GLYF	213	SCHED	06/06/2021 15:26:25	2	0	143	167	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	213	POWER_ON	06/06/2021 20:00:02	NA	NA	NA	NA		
Summer	C-GLYF	213	SCHED	06/06/2021 20:00:41	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:02:56	2	0	153	312	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	213	DEPARTURE	06/06/2021 20:04:29	1	77	195	303	065:01:39.00 N	096:04:51.60 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:06:39	3	13	190	343	065:01:54.00 N	096:09:30.60 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:08:50	4	53	285	60	065:02:50.39 N	096:06:07.19 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:11:51	5	59	242	21	065:04:42.60 N	096:02:31.20 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:14:06	6	10	187	66	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:16:13	7	88	261	203	065:03:37.19 N	096:03:11.40 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:18:19	8	5	167	299	065:01:26.40 N	096:04:15.60 W
Summer	C-GLYF	213	SCHED	06/06/2021 20:21:33	9	0	140	119	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	213	ARRIVAL	06/06/2021 20:21:38	1	0	142	119	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	213	XML_FLIGHT_SUMMARY	06/06/2021 20:21:39	0	0	0	0		
Summer	C-GLYF	213	SCHED	06/06/2021 20:23:46	10	0	139	109	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	214	POWER_ON	06/06/2021 23:04:07	NA	NA	NA	NA		
Summer	C-GLYF	214	SCHED	06/06/2021 23:04:57	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	214	SCHED	06/06/2021 23:07:06	2	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	214	SCHED	06/06/2021 23:09:17	3	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	214	DEPARTURE	06/06/2021 23:10:50	1	1	142	3	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	214	ARRIVAL	06/06/2021 23:12:50	1	0	152	72	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	214	SCHED	06/06/2021 23:15:11	4	0	153	46	065:04:55.19 N	096:02:00.00 W
Summer	C-GLYF	214	SCHED	06/06/2021 23:17:19	5	0	153	81	065:04:55.19 N	096:02:00.00 W
Summer	C-GLYF	214	XML_FLIGHT_SUMMARY	06/06/2021 23:19:06	0	0	0	0		
Summer	C-GLYF	215	DEPARTURE	06/06/2021 23:19:05	2	89	202	169	065:04:43.19 N	096:01:27.60 W
Summer	C-GLYF	215	SCHED	06/06/2021 23:21:12	6	38	165	104	065:01:26.40 N	096:04:26.99 W
Summer	C-GLYF	215	ARRIVAL	06/06/2021 23:22:19	2	0	137	112	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	215	XML_FLIGHT_SUMMARY	06/06/2021 23:22:20	0	0	0	0		
Summer	C-GLYF	216	POWER_ON	06/07/2021 11:13:37	NA	NA	NA	NA		
Summer	C-GLYF	216	SCHED	06/07/2021 11:14:16	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	216	DEPARTURE	06/07/2021 11:15:09	1	99	115	3	065:02:49.19 N	096:02:26.39 W
Summer	C-GLYF	216	SCHED	06/07/2021 11:17:20	2	0	149	99	065:04:55.19 N	096:02:01.19 W
Summer	C-GLYF	216	ARRIVAL	06/07/2021 11:18:18	1	0	151	99	065:04:55.19 N	096:02:01.19 W
Summer	C-GLYF	216	XML_FLIGHT_SUMMARY	06/07/2021 11:18:19	0	0	0	0		
Summer	C-GLYF	216	SCHED	06/07/2021 11:20:37	3	0	154	99	065:04:55.19 N	096:02:01.19 W
Summer	C-GLYF	217	DEPARTURE	06/07/2021 11:22:38	2	78	172	169	065:04:41.99 N	096:01:33.59 W
Summer	C-GLYF	217	SCHED	06/07/2021 11:24:46	4	13	159	97	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	217	ARRIVAL	06/07/2021 11:26:34	2	0	147	141	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	217	XML_FLIGHT_SUMMARY	06/07/2021 11:26:35	0	0	0	0		
Summer	C-GLYF	218	DEPARTURE	06/07/2021 11:29:15	3	69	211	91	065:01:23.99 N	096:03:37.80 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:31:24	5	0	181	22	065:04:52.80 N	095:59:18.00 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:33:32	6	14	214	42	065:04:53.40 N	096:02:00.60 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:35:39	7	60	242	38	065:04:47.40 N	095:59:37.19 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:38:45	8	2	206	113	065:04:55.19 N	096:01:58.80 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:40:53	9	1	179	104	065:04:52.80 N	095:59:18.00 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:43:04	10	1	192	338	065:04:49.19 N	096:02:02.39 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:45:12	11	0	183	73	065:04:52.80 N	095:59:18.00 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:47:32	12	0	197	315	065:04:54.60 N	096:02:00.00 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:49:40	13	91	308	217	065:02:58.19 N	096:03:46.19 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:51:51	14	2	183	122	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	218	SCHED	06/07/2021 11:54:04	15	0	148	120	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	218	ARRIVAL	06/07/2021 11:54:51	3	0	146	68	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	218	XML_FLIGHT_SUMMARY	06/07/2021 11:54:52	0	0	0	0		
Summer	C-GLYF	219	POWER_ON	06/07/2021 20:02:04	NA	NA	NA	NA		
Summer	C-GLYF	219	SCHED	06/07/2021 20:02:44	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	219	SCHED	06/07/2021 20:04:58	2	0	149	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	219	POWER_ON	06/07/2021 23:02:45	NA	NA	NA	NA		
Summer	C-GLYF	219	SCHED	06/07/2021 23:03:23	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	219	DEPARTURE	06/07/2021 23:04:41	1	68	197	98	065:01:22.79 N	096:03:34.19 W
Summer	C-GLYF	219	SCHED	06/07/2021 23:06:51	2	90	204	1	065:04:12.60 N	096:02:28.20 W
Summer	C-GLYF	219	SCHED	06/07/2021 23:09:49	3	2	158	35	065:04:55.79 N	096:02:00.00 W
Summer	C-GLYF	219	ARRIVAL	06/07/2021 23:10:01	1	0	157	104	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	219	XML_FLIGHT_SUMMARY	06/07/2021 23:10:02	0	0	0	0		
Summer	C-GLYF	219	SCHED	06/07/2021 23:12:25	4	0	154	289	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	219	SCHED	06/07/2021 23:14:31	5	0	159	290	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	219	SCHED	06/07/2021 23:16:38	6	0	157	290	065:04:55.79 N	096:02:00.60 W
Summer	C-GLYF	219	SCHED	06/07/2021 23:18:56	7	0	156	290	065:04:55.79 N	096:02:00.00 W
Summer	C-GLYF	219	SCHED	06/07/2021 23:21:04	8	0	154	290	065:04:55.79 N	096:02:00.60 W
Summer	C-GLYF	220	DEPARTURE	06/07/2021 23:23:00	2	85	209	160	065:04:44.39 N	096:01:24.59 W
Summer	C-GLYF	220	SCHED	06/07/2021 23:25:09	9	90	213	151	065:01:31.79 N	096:05:02.39 W
Summer	C-GLYF	220	ARRIVAL	06/07/2021 23:26:33	2	0	139	168	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	220	XML_FLIGHT_SUMMARY	06/07/2021 23:26:34	0	0	0	0		
Summer	C-GLYF	220	SCHED	06/07/2021 23:28:42	10	0	140	168	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	221	POWER_ON	06/08/2021 10:45:57	NA	NA	NA	NA		
Summer	C-GLYF	221	SCHED	06/08/2021 10:46:23	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	221	SCHED	06/08/2021 10:48:32	2	0	188	255	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	221	SCHED	06/08/2021 10:50:40	3	15	184	46	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	221	DEPARTURE	06/08/2021 10:51:07	1	46	217	346	065:01:36.00 N	096:04:07.80 W
Summer	C-GLYF	221	SCHED	06/08/2021 10:53:19	4	59	241	19	065:03:32.39 N	096:03:10.20 W
Summer	C-GLYF	221	SCHED	06/08/2021 10:55:28	5	3	188	8	065:04:54.60 N	096:02:00.00 W
Summer	C-GLYF	221	SCHED	06/08/2021 10:57:46	6	2	196	305	065:04:55.19 N	096:02:00.00 W
Summer	C-GLYF	221	SCHED	06/08/2021 10:59:54	7	107	312	199	065:02:36.00 N	096:04:00.60 W
Summer	C-GLYF	221	SCHED	06/08/2021 11:02:02	8	0	153	285	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	221	ARRIVAL	06/08/2021 11:03:20	1	0	148	348	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	221	XML_FLIGHT_SUMMARY	06/08/2021 11:03:21	0	0	0	0		

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	221	SCHED	06/08/2021 11:05:31	9	1	148	348	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	221	SCHED	06/08/2021 11:07:40	10	0	146	348	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	221	SCHED	06/08/2021 11:09:47	11	0	145	184	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	222	DEPARTURE	06/08/2021 11:10:25	2	57	194	350	065:01:41.39 N	096:04:21.00 W
Summer	C-GLYF	222	SCHED	06/08/2021 11:12:43	12	79	192	1	065:04:24.59 N	096:02:11.40 W
Summer	C-GLYF	222	ARRIVAL	06/08/2021 11:14:17	2	0	160	86	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	222	XML_FLIGHT_SUMMARY	06/08/2021 11:14:18	0	0	0	0		
Summer	C-GLYF	222	SCHED	06/08/2021 11:17:17	13	0	162	86	065:04:55.79 N	096:02:00.60 W
Summer	C-GLYF	222	SCHED	06/08/2021 11:20:22	14	0	163	86	065:04:55.79 N	096:02:00.60 W
Summer	C-GLYF	223	DEPARTURE	06/08/2021 11:20:30	3	85	211	152	065:04:48.60 N	096:01:22.19 W
Summer	C-GLYF	223	SCHED	06/08/2021 11:22:51	15	82	274	121	065:01:20.40 N	096:05:00.60 W
Summer	C-GLYF	223	ARRIVAL	06/08/2021 11:24:20	3	0	148	24	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	223	XML_FLIGHT_SUMMARY	06/08/2021 11:24:21	0	0	0	0		
Summer	C-GLYF	224	POWER_ON	06/08/2021 15:10:03	NA	NA	NA	NA		
Summer	C-GLYF	224	SCHED	06/08/2021 15:10:43	1	2	0	64	065:01:27.00 N	096:04:19.79 W
Summer	C-GLYF	224	SCHED	06/08/2021 15:12:53	2	3	159	172	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	224	DEPARTURE	06/08/2021 15:13:37	1	59	218	5	065:01:42.59 N	096:04:15.60 W
Summer	C-GLYF	224	SCHED	06/08/2021 15:15:57	3	73	280	16	065:04:10.79 N	096:02:39.59 W
Summer	C-GLYF	224	SCHED	06/08/2021 15:18:12	4	5	199	44	065:04:55.19 N	096:01:58.19 W
Summer	C-GLYF	224	SCHED	06/08/2021 15:20:19	5	2	170	135	065:05:13.79 N	096:02:18.59 W
Summer	C-GLYF	224	SCHED	06/08/2021 15:22:32	6	0	152	66	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	224	ARRIVAL	06/08/2021 15:22:39	1	0	152	66	065:04:55.19 N	096:02:00.60 W
Summer	C-GLYF	224	XML_FLIGHT_SUMMARY	06/08/2021 15:22:40	0	0	0	0		
Summer	C-GLYF	225	DEPARTURE	06/08/2021 15:23:51	2	50	195	325	065:05:07.20 N	096:02:28.20 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:26:18	7	6	175	135	065:05:13.79 N	096:02:19.79 W
Summer	C-GLYF	225	ARRIVAL	06/08/2021 15:26:59	2	0	171	39	065:05:13.79 N	096:02:18.59 W
Summer	C-GLYF	225	DEPARTURE	06/08/2021 15:28:37	3	75	258	170	065:04:57.60 N	096:01:48.60 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:30:48	8	86	261	223	065:05:13.20 N	096:03:01.19 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:32:55	9	2	209	51	065:05:15.59 N	096:02:11.59 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:35:03	10	32	207	323	065:04:58.20 N	096:02:01.19 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:37:10	11	2	187	30	065:04:54.60 N	096:01:59.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:39:21	12	1	198	45	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:41:31	13	5	188	33	065:04:55.19 N	096:01:58.80 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:43:38	14	5	182	19	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:45:55	15	0	194	84	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:48:08	16	83	218	138	065:05:12.60 N	096:01:54.59 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:51:02	17	52	204	328	065:04:47.40 N	096:02:00.00 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:53:07	18	3	193	305	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:55:14	19	2	188	63	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:57:29	20	54	205	116	065:05:15.00 N	096:02:11.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 15:59:36	21	1	192	44	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:01:44	22	1	197	41	065:05:15.00 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:03:52	23	2	200	33	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:05:58	24	34	232	325	065:05:02.99 N	096:02:13.20 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:08:22	25	39	204	98	065:05:15.59 N	096:02:17.39 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:10:39	26	66	208	109	065:05:15.59 N	096:02:07.80 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:12:47	27	57	210	88	065:05:16.19 N	096:02:12.60 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:14:56	28	0	200	46	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:17:06	29	37	228	337	065:05:11.40 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:19:25	30	53	212	333	065:05:05.40 N	096:02:20.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:21:35	31	51	224	317	065:05:03.59 N	096:02:15.00 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:23:42	32	51	218	319	065:05:03.59 N	096:02:11.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:25:54	33	47	214	328	065:05:01.79 N	096:02:08.40 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:28:15	34	111	282	190	065:03:05.99 N	096:02:12.60 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:30:23	35	0	153	280	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	225	ARRIVAL	06/08/2021 16:30:52	3	0	152	280	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	225	XML_FLIGHT_SUMMARY	06/08/2021 16:30:53	0	0	0	0		
Summer	C-GLYF	225	SCHED	06/08/2021 16:33:05	36	0	151	295	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	225	SCHED	06/08/2021 16:35:12	37	0	149	123	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	226	DEPARTURE	06/08/2021 16:36:42	4	66	235	358	065:01:43.19 N	096:04:07.80 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:38:48	38	76	251	19	065:04:24.00 N	096:02:23.40 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:41:04	39	87	252	171	065:04:59.99 N	096:01:30.60 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:43:20	40	0	200	344	065:05:06.60 N	096:02:04.79 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:45:35	41	47	220	355	065:04:59.40 N	096:02:04.19 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:47:49	42	16	186	53	065:05:06.60 N	096:02:04.79 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:49:59	43	21	207	339	065:04:49.19 N	096:02:02.39 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:52:06	44	9	193	335	065:05:10.20 N	096:02:10.80 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:54:16	45	0	147	23	065:04:50.40 N	096:02:01.79 W
Summer	C-GLYF	226	SCHED	06/08/2021 16:56:52	46	0	162	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	226	ARRIVAL	06/08/2021 16:57:01	4	0	162	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	226	XML_FLIGHT_SUMMARY	06/08/2021 16:57:02	0	0	0	0		
Summer	C-GLYF	226	SCHED	06/08/2021 16:59:10	47	0	204	181	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	227	DEPARTURE	06/08/2021 17:00:06	5	80	243	158	065:05:01.20 N	096:01:45.00 W
Summer	C-GLYF	227	SCHED	06/08/2021 17:02:14	48	94	308	214	065:03:22.79 N	096:03:11.99 W
Summer	C-GLYF	227	SCHED	06/08/2021 17:04:27	49	2	167	309	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	227	SCHED	06/08/2021 17:06:38	50	0	139	216	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	227	XML_OVERDUE_REPORT	06/08/2021 17:13:53	0	0	0	0		
Summer	C-GLYF	227	XML_FLIGHT_SUMMARY	06/08/2021 20:25:34	0	0	0	0		
Summer	C-GLYF	228	POWER_ON	06/08/2021 20:25:33	NA	NA	NA	NA		
Summer	C-GLYF	228	SCHED	06/08/2021 20:27:15	1	0	81	244	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	228	POWER_ON	06/08/2021 20:43:57	NA	NA	NA	NA		
Summer	C-GLYF	228	SCHED	06/08/2021 20:44:41	1	0	113	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	228	SCHED	06/08/2021 20:46:50	2	27	147	343	065:01:28.20 N	096:04:18.59 W
Summer	C-GLYF	228	DEPARTURE	06/08/2021 20:47:11	1	49	195	355	065:01:41.39 N	096:04:20.40 W
Summer	C-GLYF	228	SCHED	06/08/2021 20:49:18	3	71	353	350	065:04:01.19 N	096:02:03.00 W
Summer	C-GLYF	228	SCHED	06/08/2021 20:51:29	4	0	162	151	065:04:53.99 N	096:02:01.19 W
Summer	C-GLYF	228	ARRIVAL	06/08/2021 20:51:53	1	0	161	151	065:04:53.99 N	096:02:01.19 W
Summer	C-GLYF	228	XML_FLIGHT_SUMMARY	06/08/2021 20:51:54	0	0	0	0		
Summer	C-GLYF	229	POWER_ON	06/08/2021 21:02:41	NA	NA	NA	NA		
Summer	C-GLYF	229	SCHED	06/08/2021 21:04:33	1	2	161	11	065:04:53.99 N	096:02:01.19 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:06:41	2	23	203	321	065:04:59.99 N	096:02:00.00 W
Summer	C-GLYF	229	DEPARTURE	06/08/2021 21:08:34	1	81	230	154	065:05:07.20 N	096:01:45.00 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:10:49	3	10	219	351	065:05:13.79 N	096:02:20.40 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:13:38	4	15	228	357	065:05:13.20 N	096:02:21.00 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:16:02	5	65	221	131	065:05:14.39 N	096:01:58.80 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:18:13	6	1	198	4	065:05:15.59 N	096:02:19.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	229	SCHED	06/08/2021 21:20:23	7	43	205	328	065:04:59.99 N	096:02:06.60 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:22:34	8	81	261	148	065:05:04.79 N	096:01:43.80 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:24:42	9	10	222	354	065:05:10.79 N	096:02:11.40 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:26:52	10	1	197	350	065:04:55.19 N	096:01:59.40 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:29:01	11	11	214	337	065:04:53.99 N	096:01:58.19 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:31:12	12	52	219	91	065:05:13.79 N	096:02:03.60 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:33:30	13	1	208	50	065:05:12.00 N	096:02:12.60 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:35:39	14	30	210	340	065:04:57.60 N	096:02:01.79 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:37:47	15	3	193	334	065:04:54.60 N	096:01:58.80 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:39:59	16	1	211	28	065:05:12.00 N	096:02:11.99 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:42:07	17	0	214	26	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:44:18	18	109	442	202	065:02:33.59 N	096:02:22.19 W
Summer	C-GLYF	229	SCHED	06/08/2021 21:46:24	19	2	153	308	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	229	ARRIVAL	06/08/2021 21:47:21	1	0	147	185	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	229	XML_FLIGHT_SUMMARY	06/08/2021 21:47:22	0	0	0	0		
Summer	C-GLYF	230	POWER_ON	06/08/2021 22:35:16	NA	NA	NA	NA		
Summer	C-GLYF	230	SCHED	06/08/2021 22:35:59	1	0	136	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:38:20	2	0	135	296	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:40:27	3	0	138	292	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:42:38	4	0	143	294	065:01:25.20 N	096:04:15.60 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:44:58	5	0	143	294	065:01:25.20 N	096:04:15.60 W
Summer	C-GLYF	230	DEPARTURE	06/08/2021 22:45:52	1	61	247	310	065:01:35.40 N	096:04:46.19 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:47:59	6	3	183	355	065:01:50.99 N	096:09:22.80 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:50:06	7	47	305	37	065:02:19.20 N	096:08:57.60 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:52:17	8	56	442	42	065:03:40.80 N	096:05:58.79 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:54:28	9	39	309	26	065:04:58.80 N	096:02:46.19 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:56:36	10	1	194	288	065:05:16.19 N	096:02:21.00 W
Summer	C-GLYF	230	SCHED	06/08/2021 22:58:45	11	101	463	225	065:02:15.60 N	096:03:38.39 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:00:56	12	0	143	247	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:03:05	13	61	227	350	065:01:43.19 N	096:04:39.60 W
Summer	C-GLYF	230	ARRIVAL	06/08/2021 23:07:00	1	0	160	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	XML_FLIGHT_SUMMARY	06/08/2021 23:07:01	0	0	0	0		
Summer	C-GLYF	230	SCHED	06/08/2021 23:07:31	14	0	160	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:09:40	15	0	160	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:11:49	16	0	160	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:14:51	17	0	161	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:16:57	18	0	161	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:19:11	19	0	162	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	230	SCHED	06/08/2021 23:21:19	20	0	163	112	065:05:13.79 N	096:02:21.59 W
Summer	C-GLYF	231	DEPARTURE	06/08/2021 23:22:13	2	79	253	203	065:05:10.20 N	096:02:53.39 W
Summer	C-GLYF	231	SCHED	06/08/2021 23:24:20	21	51	183	300	065:01:22.20 N	096:03:54.59 W
Summer	C-GLYF	231	ARRIVAL	06/08/2021 23:25:49	2	0	141	86	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	231	XML_FLIGHT_SUMMARY	06/08/2021 23:25:50	0	0	0	0		
Summer	C-GLYF	232	POWER_ON	06/09/2021 11:09:46	NA	NA	NA	NA		
Summer	C-GLYF	232	SCHED	06/09/2021 11:10:24	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	232	DEPARTURE	06/09/2021 11:12:21	1	56	220	351	065:01:39.59 N	096:04:37.80 W
Summer	C-GLYF	232	SCHED	06/09/2021 11:14:35	2	88	315	10	065:04:38.39 N	096:02:27.60 W
Summer	C-GLYF	232	SCHED	06/09/2021 11:16:43	3	2	192	39	065:05:15.00 N	096:02:17.99 W
Summer	C-GLYF	232	ARRIVAL	06/09/2021 11:18:47	1	0	188	39	065:05:15.00 N	096:02:17.99 W
Summer	C-GLYF	232	XML_FLIGHT_SUMMARY	06/09/2021 11:18:48	0	0	0	0		
Summer	C-GLYF	232	SCHED	06/09/2021 11:18:54	4	0	187	39	065:05:15.00 N	096:02:18.59 W
Summer	C-GLYF	232	SCHED	06/09/2021 11:21:02	5	0	181	130	065:05:15.00 N	096:02:18.59 W
Summer	C-GLYF	232	SCHED	06/09/2021 11:23:11	6	0	178	130	065:05:15.00 N	096:02:18.59 W
Summer	C-GLYF	233	DEPARTURE	06/09/2021 11:24:57	2	59	251	219	065:05:19.79 N	096:02:33.59 W
Summer	C-GLYF	233	SCHED	06/09/2021 11:27:07	7	90	308	189	065:01:40.20 N	096:03:11.40 W
Summer	C-GLYF	233	ARRIVAL	06/09/2021 11:28:47	2	0	142	291	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	233	XML_FLIGHT_SUMMARY	06/09/2021 11:28:48	0	0	0	0		
Summer	C-GLYF	233	SCHED	06/09/2021 11:30:58	8	5	143	26	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	233	SCHED	06/09/2021 11:33:11	9	2	162	120	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	234	DEPARTURE	06/09/2021 11:33:51	3	59	258	350	065:01:41.39 N	096:04:36.00 W
Summer	C-GLYF	234	SCHED	06/09/2021 11:36:09	10	79	364	5	065:04:35.39 N	096:02:26.39 W
Summer	C-GLYF	234	SCHED	06/09/2021 11:38:18	11	0	209	41	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	234	SCHED	06/09/2021 11:40:25	12	83	465	189	065:03:18.59 N	096:03:19.79 W
Summer	C-GLYF	234	SCHED	06/09/2021 11:42:37	13	4	197	218	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	234	SCHED	06/09/2021 11:44:48	14	1	151	311	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	234	ARRIVAL	06/09/2021 11:45:42	3	0	146	345	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	234	XML_FLIGHT_SUMMARY	06/09/2021 11:45:43	0	0	0	0		
Summer	C-GLYF	235	POWER_ON	06/09/2021 13:55:36	NA	NA	NA	NA		
Summer	C-GLYF	235	SCHED	06/09/2021 13:56:17	1	0	0	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	235	DEPARTURE	06/09/2021 13:57:49	1	60	198	9	065:01:38.39 N	096:04:32.39 W
Summer	C-GLYF	235	SCHED	06/09/2021 13:59:55	2	35	212	36	065:03:49.79 N	096:00:09.59 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:02:03	3	0	167	3	065:03:55.79 N	096:00:08.40 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:04:10	4	33	230	187	065:03:48.60 N	095:59:19.79 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:06:25	5	76	314	325	065:04:27.00 N	096:01:17.39 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:08:41	6	75	253	120	065:05:18.59 N	096:01:44.39 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:10:50	7	56	310	308	065:04:00.00 N	095:59:56.39 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:12:57	8	20	231	345	065:04:48.60 N	095:59:11.99 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:15:15	9	67	279	265	065:05:08.40 N	096:00:41.99 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:17:37	10	54	220	42	065:05:21.59 N	096:02:16.79 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:19:44	11	1	178	308	065:04:52.19 N	095:59:18.60 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:21:58	12	45	291	278	065:05:11.40 N	096:01:46.80 W
Summer	C-GLYF	235	SCHED	06/09/2021 14:24:06	13	85	284	165	065:05:04.79 N	095:58:52.80 W
Summer	C-GLYF	235	XML_OVERDUE_REPORT	06/09/2021 14:31:22	0	0	0	0		
Summer	C-GLYF	235	XML_FLIGHT_SUMMARY	06/09/2021 14:34:36	0	0	0	0		
Summer	C-GLYF	236	POWER_ON	06/09/2021 14:34:35	NA	NA	NA	NA		
Summer	C-GLYF	236	SCHED	06/09/2021 14:35:28	1	41	254	230	065:04:52.80 N	095:59:01.19 W
Summer	C-GLYF	236	DEPARTURE	06/09/2021 14:35:35	1	73	306	150	065:05:07.20 N	095:58:56.39 W
Summer	C-GLYF	236	SCHED	06/09/2021 14:37:42	2	41	274	276	065:05:10.20 N	096:02:03.00 W
Summer	C-GLYF	236	SCHED	06/09/2021 14:39:51	3	94	359	179	065:04:46.19 N	096:01:23.40 W
Summer	C-GLYF	236	SCHED	06/09/2021 14:42:02	4	54	295	224	065:01:30.59 N	096:03:39.60 W
Summer	C-GLYF	236	SCHED	06/09/2021 14:44:13	5	0	145	229	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	236	ARRIVAL	06/09/2021 14:44:52	1	0	145	229	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	236	XML_FLIGHT_SUMMARY	06/09/2021 14:44:53	0	0	0	0		
Summer	C-GLYF	237	POWER_ON	06/09/2021 16:28:22	NA	NA	NA	NA		
Summer	C-GLYF	237	SCHED	06/09/2021 16:28:59	1	1	125	244	065:01:24.59 N	096:04:16.20 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	237	SCHED	06/09/2021 16:32:07	2	0	122	123	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	237	POWER_ON	06/09/2021 18:29:29	NA	NA	NA	NA		
Summer	C-GLYF	237	SCHED	06/09/2021 18:30:05	1	0	147	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	237	DEPARTURE	06/09/2021 18:32:27	1	53	178	329	065:01:40.80 N	096:04:37.80 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:34:34	2	68	255	182	065:00:41.40 N	096:04:46.19 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:36:40	3	76	289	33	065:01:22.79 N	096:01:53.39 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:38:47	4	56	262	270	065:02:55.19 N	096:04:10.20 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:40:59	5	87	285	113	065:02:25.20 N	096:02:49.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:43:08	6	58	218	328	065:03:55.79 N	096:00:01.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:45:16	7	66	254	160	065:04:04.79 N	096:01:19.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:47:28	8	59	228	275	065:05:11.40 N	096:00:09.59 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:49:36	9	49	215	332	065:05:35.39 N	096:03:45.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:51:47	10	52	214	339	065:07:09.59 N	096:06:02.39 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:53:56	11	54	203	299	065:09:07.19 N	096:06:56.99 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:56:07	12	60	220	337	065:10:59.39 N	096:09:19.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 18:58:16	13	53	223	295	065:12:37.79 N	096:12:25.80 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:00:23	14	73	232	232	065:13:37.79 N	096:17:09.59 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:02:31	15	72	246	284	065:13:32.99 N	096:22:41.40 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:04:38	16	56	193	339	065:13:34.79 N	096:26:39.59 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:06:46	17	67	232	31	065:15:07.80 N	096:27:48.00 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:09:03	18	61	268	351	065:16:45.00 N	096:24:11.99 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:11:13	19	55	207	333	065:18:50.99 N	096:25:00.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:13:18	20	60	251	289	065:19:34.19 N	096:29:15.00 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:15:26	21	73	294	298	065:21:04.79 N	096:33:33.00 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:17:33	22	76	298	0	065:23:07.79 N	096:35:51.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:19:44	23	59	278	264	065:24:19.19 N	096:39:46.20 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:21:57	24	37	240	233	065:24:54.59 N	096:40:42.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:24:10	25	50	228	242	065:24:51.59 N	096:44:19.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:26:19	26	41	209	247	065:23:56.40 N	096:44:13.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:28:27	27	41	233	345	065:23:04.79 N	096:44:40.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:30:34	28	51	242	77	065:23:44.40 N	096:41:20.39 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:32:41	29	30	230	357	065:23:46.20 N	096:40:28.79 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:34:50	30	74	382	218	065:24:35.99 N	096:42:14.39 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:36:58	31	126	679	140	065:21:13.20 N	096:37:27.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:39:06	32	128	828	144	065:17:36.59 N	096:30:57.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:43:45	33	130	813	145	065:10:19.79 N	096:18:28.80 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:45:54	34	137	612	143	065:05:32.39 N	096:10:15.60 W
Summer	C-GLYF	237	SCHED	06/09/2021 19:48:01	35	84	291	162	065:01:54.00 N	096:04:00.60 W
Summer	C-GLYF	237	ARRIVAL	06/09/2021 19:49:45	1	0	129	266	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	237	XML_FLIGHT_SUMMARY	06/09/2021 19:49:46	0	0	0	0		
Summer	C-GLYF	238	POWER_ON	06/09/2021 22:38:15	NA	NA	NA	NA		
Summer	C-GLYF	238	SCHED	06/09/2021 22:40:35	1	2	165	123	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:42:45	2	56	220	16	065:01:36.00 N	096:04:23.40 W
Summer	C-GLYF	238	DEPARTURE	06/09/2021 22:42:52	1	56	220	16	065:01:36.00 N	096:04:23.40 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:45:02	3	71	438	12	065:04:22.19 N	096:02:30.00 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:47:15	4	0	203	43	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:49:23	5	68	262	200	065:05:06.60 N	096:02:50.39 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:51:30	6	75	397	190	065:02:05.99 N	096:03:49.79 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:53:37	7	0	175	225	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	238	SCHED	06/09/2021 22:55:45	8	0	140	247	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	238	ARRIVAL	06/09/2021 22:56:28	1	0	140	247	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	238	XML_FLIGHT_SUMMARY	06/09/2021 22:56:29	0	0	0	0		
Summer	C-GLYF	238	SCHED	06/09/2021 22:58:37	9	0	138	247	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	239	POWER_ON	06/09/2021 23:07:36	NA	NA	NA	NA		
Summer	C-GLYF	239	SCHED	06/09/2021 23:08:13	1	0	145	58	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	239	DEPARTURE	06/09/2021 23:08:57	1	59	239	338	065:01:37.80 N	096:04:36.60 W
Summer	C-GLYF	239	SCHED	06/09/2021 23:11:02	2	66	279	10	065:04:55.19 N	096:02:11.99 W
Summer	C-GLYF	239	SCHED	06/09/2021 23:13:09	3	0	168	41	065:05:15.00 N	096:02:18.59 W
Summer	C-GLYF	239	ARRIVAL	06/09/2021 23:13:41	1	0	169	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	239	XML_FLIGHT_SUMMARY	06/09/2021 23:13:42	0	0	0	0		
Summer	C-GLYF	239	SCHED	06/09/2021 23:15:48	4	0	170	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	239	SCHED	06/09/2021 23:17:55	5	0	171	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	239	SCHED	06/09/2021 23:20:03	6	0	171	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	239	SCHED	06/09/2021 23:22:13	7	0	171	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	239	SCHED	06/09/2021 23:24:20	8	0	171	41	065:05:14.39 N	096:02:18.59 W
Summer	C-GLYF	240	DEPARTURE	06/09/2021 23:25:48	2	67	236	186	065:05:08.40 N	096:02:38.39 W
Summer	C-GLYF	240	SCHED	06/09/2021 23:27:59	9	93	327	172	065:01:45.00 N	096:03:22.19 W
Summer	C-GLYF	240	ARRIVAL	06/09/2021 23:29:59	2	0	139	101	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	240	XML_FLIGHT_SUMMARY	06/09/2021 23:30:00	0	0	0	0		
Summer	C-GLYF	241	POWER_ON	06/10/2021 11:08:19	NA	NA	NA	NA		
Summer	C-GLYF	241	SCHED	06/10/2021 11:09:13	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	241	DEPARTURE	06/10/2021 11:11:16	1	59	228	340	065:01:40.20 N	096:04:42.60 W
Summer	C-GLYF	241	SCHED	06/10/2021 11:13:26	2	60	292	4	065:04:56.40 N	096:02:19.20 W
Summer	C-GLYF	241	ARRIVAL	06/10/2021 11:15:02	1	0	187	19	065:05:15.00 N	096:02:17.99 W
Summer	C-GLYF	241	XML_FLIGHT_SUMMARY	06/10/2021 11:15:03	0	0	0	0		
Summer	C-GLYF	241	SCHED	06/10/2021 11:17:09	3	0	185	19	065:05:15.00 N	096:02:17.99 W
Summer	C-GLYF	241	SCHED	06/10/2021 11:19:20	4	1	178	249	065:05:15.00 N	096:02:18.59 W
Summer	C-GLYF	242	DEPARTURE	06/10/2021 11:21:04	2	71	247	147	065:05:16.79 N	096:01:44.39 W
Summer	C-GLYF	242	SCHED	06/10/2021 11:23:11	5	81	285	196	065:01:35.40 N	096:03:16.20 W
Summer	C-GLYF	242	ARRIVAL	06/10/2021 11:24:48	2	0	147	89	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	242	XML_FLIGHT_SUMMARY	06/10/2021 11:24:49	0	0	0	0		
Summer	C-GLYF	242	SCHED	06/10/2021 11:26:58	6	59	242	339	065:01:36.59 N	096:04:34.79 W
Summer	C-GLYF	243	DEPARTURE	06/10/2021 11:27:05	3	68	270	6	065:01:42.00 N	096:04:36.00 W
Summer	C-GLYF	243	SCHED	06/10/2021 11:29:16	7	70	384	15	065:04:35.99 N	096:02:29.39 W
Summer	C-GLYF	243	SCHED	06/10/2021 11:32:06	8	69	345	191	065:04:47.99 N	096:02:50.39 W
Summer	C-GLYF	243	SCHED	06/10/2021 11:34:17	9	59	315	192	065:01:50.39 N	096:04:06.59 W
Summer	C-GLYF	243	SCHED	06/10/2021 11:36:25	10	2	191	49	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	243	ARRIVAL	06/10/2021 11:38:20	3	0	149	105	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	243	XML_FLIGHT_SUMMARY	06/10/2021 11:38:21	0	0	0	0		
Summer	C-GLYF	244	POWER_ON	06/10/2021 15:09:25	NA	NA	NA	NA		
Summer	C-GLYF	244	SCHED	06/10/2021 15:10:02	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	244	DEPARTURE	06/10/2021 15:11:55	1	70	316	9	065:01:45.59 N	096:04:16.79 W
Summer	C-GLYF	244	SCHED	06/10/2021 15:14:02	2	62	305	356	065:04:58.80 N	096:02:15.60 W
Summer	C-GLYF	244	SCHED	06/10/2021 15:16:09	3	0	191	74	065:05:15.00 N	096:02:17.99 W
Summer	C-GLYF	244	ARRIVAL	06/10/2021 15:16:25	1	0	185	74	065:05:15.00 N	096:02:17.99 W
Summer	C-GLYF	244	XML_FLIGHT_SUMMARY	06/10/2021 15:16:26	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	245	POWER_ON	06/10/2021 15:38:06	NA	NA	NA	NA		
Summer	C-GLYF	245	SCHED	06/10/2021 15:38:47	1	0	169	0	065:05:15.00 N	096:02:17.39 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:40:54	2	1	197	10	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:43:02	3	0	209	291	065:05:10.79 N	096:02:10.80 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:45:07	4	17	210	235	065:05:12.00 N	096:02:06.60 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:47:28	5	19	211	267	065:05:16.19 N	096:02:24.00 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:49:34	6	5	203	333	065:05:15.00 N	096:02:19.79 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:51:45	7	0	189	103	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:53:55	8	32	200	70	065:05:18.00 N	096:02:15.00 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:56:04	9	1	197	354	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	245	DEPARTURE	06/10/2021 15:56:49	1	31	235	209	065:05:13.20 N	096:02:00.00 W
Summer	C-GLYF	245	SCHED	06/10/2021 15:58:59	10	26	212	46	065:05:18.59 N	096:02:16.79 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:01:15	11	0	198	288	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:03:24	12	14	219	269	065:05:11.40 N	096:02:07.80 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:05:41	13	27	232	136	065:05:17.39 N	096:02:03.60 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:07:54	14	13	201	350	065:05:16.19 N	096:02:21.59 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:10:04	15	1	205	89	065:05:12.00 N	096:02:11.99 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:12:11	16	1	203	297	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:14:22	17	104	466	184	065:02:57.60 N	096:02:30.60 W
Summer	C-GLYF	245	SCHED	06/10/2021 16:16:33	18	1	156	257	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	245	ARRIVAL	06/10/2021 16:17:25	1	0	147	316	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	245	XML_FLIGHT_SUMMARY	06/10/2021 16:17:26	0	0	0	0		
Summer	C-GLYF	246	POWER_ON	06/10/2021 16:28:08	NA	NA	NA	NA		
Summer	C-GLYF	246	SCHED	06/10/2021 16:28:37	1	0	147	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	246	DEPARTURE	06/10/2021 16:30:05	1	67	241	347	065:01:41.39 N	096:04:15.60 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:32:12	2	59	315	356	065:04:53.99 N	096:02:10.20 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:34:26	3	0	197	267	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:36:34	4	4	202	289	065:05:11.40 N	096:02:10.80 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:38:41	5	5	213	263	065:05:12.00 N	096:02:10.20 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:40:48	6	11	217	261	065:05:11.40 N	096:02:07.80 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:43:46	7	1	196	307	065:05:11.40 N	096:02:11.40 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:45:52	8	19	207	313	065:05:13.20 N	096:02:15.00 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:48:13	9	1	197	264	065:05:12.00 N	096:02:11.99 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:50:20	10	16	209	310	065:05:13.20 N	096:02:16.20 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:52:31	11	1	200	333	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:54:37	12	3	205	342	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:57:43	13	4	210	326	065:05:10.79 N	096:02:11.99 W
Summer	C-GLYF	246	SCHED	06/10/2021 16:59:51	14	5	218	332	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:02:11	15	41	248	162	065:05:15.59 N	096:01:59.40 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:04:21	16	44	254	113	065:05:19.20 N	096:02:05.40 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:06:33	17	3	206	337	065:05:15.59 N	096:02:21.00 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:08:43	18	46	238	101	065:05:18.59 N	096:02:08.99 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:10:55	19	0	203	343	065:05:16.19 N	096:02:21.00 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:13:12	20	4	214	313	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:15:27	21	0	210	319	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	246	SCHED	06/10/2021 17:19:28	22	58	244	143	065:01:29.39 N	096:04:47.40 W
Summer	C-GLYF	246	ARRIVAL	06/10/2021 17:21:28	1	0	146	288	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	246	XML_FLIGHT_SUMMARY	06/10/2021 17:21:29	0	0	0	0		
Summer	C-GLYF	246	SCHED	06/10/2021 17:21:40	23	0	146	288	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	247	POWER_ON	06/10/2021 20:39:28	NA	NA	NA	NA		
Summer	C-GLYF	247	SCHED	06/10/2021 20:40:21	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:42:32	2	3	169	155	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	247	DEPARTURE	06/10/2021 20:43:06	1	70	216	5	065:01:41.39 N	096:04:33.59 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:45:15	3	55	312	7	065:04:58.20 N	096:02:21.59 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:47:23	4	13	226	112	065:05:10.20 N	096:02:17.99 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:50:17	5	1	205	203	065:05:15.59 N	096:02:20.40 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:52:24	6	31	218	208	065:05:19.20 N	096:02:14.39 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:54:40	7	0	193	322	065:05:28.80 N	096:02:02.39 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:56:48	8	20	220	147	065:05:31.19 N	096:02:05.40 W
Summer	C-GLYF	247	SCHED	06/10/2021 20:58:58	9	37	239	348	065:05:23.39 N	096:01:49.19 W
Summer	C-GLYF	247	SCHED	06/10/2021 21:01:05	10	47	222	289	065:05:15.00 N	096:02:31.20 W
Summer	C-GLYF	247	SCHED	06/10/2021 21:03:15	11	0	196	297	065:05:29.39 N	096:02:02.39 W
Summer	C-GLYF	247	SCHED	06/10/2021 21:05:23	12	99	426	188	065:04:05.99 N	096:02:24.59 W
Summer	C-GLYF	247	SCHED	06/10/2021 21:07:35	13	27	256	274	065:01:24.59 N	096:04:01.19 W
Summer	C-GLYF	247	ARRIVAL	06/10/2021 21:09:30	1	0	148	355	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	247	XML_FLIGHT_SUMMARY	06/10/2021 21:09:31	0	0	0	0		
Summer	C-GLYF	248	POWER_ON	06/10/2021 23:05:52	NA	NA	NA	NA		
Summer	C-GLYF	248	SCHED	06/10/2021 23:06:32	1	0	136	350	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	248	DEPARTURE	06/10/2021 23:07:21	1	68	202	340	065:01:36.59 N	096:04:44.39 W
Summer	C-GLYF	248	SCHED	06/10/2021 23:09:34	2	92	263	12	065:05:01.79 N	096:01:34.79 W
Summer	C-GLYF	248	SCHED	06/10/2021 23:11:44	3	0	163	282	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	248	ARRIVAL	06/10/2021 23:12:50	1	0	164	282	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	248	XML_FLIGHT_SUMMARY	06/10/2021 23:12:51	0	0	0	0		
Summer	C-GLYF	248	SCHED	06/10/2021 23:15:01	4	0	167	81	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	248	SCHED	06/10/2021 23:17:17	5	0	165	282	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	248	SCHED	06/10/2021 23:19:29	6	0	163	277	065:05:10.79 N	096:02:09.59 W
Summer	C-GLYF	248	SCHED	06/10/2021 23:21:36	7	0	155	280	065:05:10.79 N	096:02:09.59 W
Summer	C-GLYF	248	SCHED	06/10/2021 23:23:48	8	0	154	58	065:05:10.79 N	096:02:09.59 W
Summer	C-GLYF	249	DEPARTURE	06/10/2021 23:25:51	2	70	211	226	065:04:58.20 N	096:02:42.59 W
Summer	C-GLYF	249	SCHED	06/10/2021 23:28:06	9	83	292	178	065:01:49.19 N	096:04:00.00 W
Summer	C-GLYF	249	SCHED	06/10/2021 23:30:51	10	0	136	173	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	249	ARRIVAL	06/10/2021 23:31:01	2	0	136	173	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	249	XML_FLIGHT_SUMMARY	06/10/2021 23:31:02	0	0	0	0		
Summer	C-GLYF	250	POWER_ON	06/11/2021 11:09:39	NA	NA	NA	NA		
Summer	C-GLYF	250	SCHED	06/11/2021 11:10:22	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	250	DEPARTURE	06/11/2021 11:11:58	1	59	191	75	065:01:25.20 N	096:03:36.59 W
Summer	C-GLYF	250	SCHED	06/11/2021 11:14:10	2	62	217	4	065:05:05.40 N	096:02:28.20 W
Summer	C-GLYF	250	ARRIVAL	06/11/2021 11:15:25	1	0	176	198	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	250	XML_FLIGHT_SUMMARY	06/11/2021 11:15:26	0	0	0	0		
Summer	C-GLYF	250	SCHED	06/11/2021 11:18:29	3	0	172	284	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	250	SCHED	06/11/2021 11:20:36	4	0	170	268	065:05:12.60 N	096:02:13.79 W
Summer	C-GLYF	250	SCHED	06/11/2021 11:22:42	5	0	168	268	065:05:12.60 N	096:02:13.79 W
Summer	C-GLYF	250	SCHED	06/11/2021 11:24:58	6	0	168	268	065:05:13.20 N	096:02:13.79 W
Summer	C-GLYF	251	DEPARTURE	06/11/2021 11:26:42	2	59	245	178	065:04:54.60 N	096:02:09.59 W
Summer	C-GLYF	251	SCHED	06/11/2021 11:28:49	7	82	287	196	065:01:56.99 N	096:04:49.79 W
Summer	C-GLYF	251	SCHED	06/11/2021 11:31:13	8	0	141	136	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	251	ARRIVAL	06/11/2021 11:31:22	2	0	140	136	065:01:27.00 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	251	XML_FLIGHT_SUMMARY	06/11/2021 11:31:23	0	0	0	0		
Summer	C-GLYF	252	DEPARTURE	06/11/2021 11:33:35	3	71	262	66	065:01:25.79 N	096:03:32.39 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:35:42	9	1	198	151	065:05:11.40 N	096:02:12.60 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:37:53	10	65	345	201	065:04:01.19 N	096:02:44.39 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:40:06	11	48	303	192	065:01:45.00 N	096:04:16.20 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:42:21	12	84	248	23	065:01:42.00 N	096:04:21.59 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:44:29	13	78	328	344	065:04:51.60 N	095:59:51.59 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:47:34	14	76	272	91	065:05:13.20 N	096:00:30.00 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:49:42	15	64	336	297	065:04:55.19 N	096:00:19.20 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:51:50	16	11	199	148	065:05:11.40 N	096:02:10.80 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:54:00	17	1	173	147	065:04:52.19 N	095:59:18.00 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:56:18	18	8	218	285	065:05:10.79 N	096:02:08.40 W
Summer	C-GLYF	252	SCHED	06/11/2021 11:58:38	19	1	173	185	065:04:52.19 N	095:59:18.00 W
Summer	C-GLYF	252	SCHED	06/11/2021 12:00:45	20	0	194	194	065:05:06.60 N	096:02:04.79 W
Summer	C-GLYF	252	SCHED	06/11/2021 12:02:57	21	3	189	158	065:04:52.80 N	095:59:18.60 W
Summer	C-GLYF	252	SCHED	06/11/2021 12:05:17	22	19	216	214	065:05:08.40 N	096:02:01.79 W
Summer	C-GLYF	252	SCHED	06/11/2021 12:09:08	23	70	330	304	065:04:58.80 N	096:00:33.59 W
Summer	C-GLYF	252	SCHED	06/11/2021 12:11:21	24	80	308	201	065:04:27.00 N	096:01:55.20 W
Summer	C-GLYF	252	SCHED	06/11/2021 12:13:45	25	50	292	179	065:01:39.59 N	096:04:15.60 W
Summer	C-GLYF	252	ARRIVAL	06/11/2021 12:15:47	3	0	142	233	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	252	XML_FLIGHT_SUMMARY	06/11/2021 12:15:48	0	0	0	0		
Summer	C-GLYF	253	POWER_ON	06/11/2021 22:20:11	NA	NA	NA	NA		
Summer	C-GLYF	253	SCHED	06/11/2021 22:20:52	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:22:59	2	0	0	229	065:01:20.40 N	096:04:28.80 W
Summer	C-GLYF	253	DEPARTURE	06/11/2021 22:23:42	1	64	415	360	065:01:36.59 N	096:04:45.60 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:25:49	3	64	436	15	065:03:50.99 N	096:02:40.80 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:27:56	4	0	290	223	065:05:12.00 N	096:02:11.40 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:30:03	5	71	321	174	065:04:41.99 N	096:02:19.79 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:32:15	6	76	380	188	065:02:00.60 N	096:04:03.60 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:34:26	7	24	204	60	065:01:25.20 N	096:04:29.39 W
Summer	C-GLYF	253	SCHED	06/11/2021 22:36:33	8	0	134	221	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	253	ARRIVAL	06/11/2021 22:37:53	1	0	137	221	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	253	XML_FLIGHT_SUMMARY	06/11/2021 22:37:54	0	0	0	0		
Summer	C-GLYF	254	POWER_ON	06/11/2021 23:05:55	NA	NA	NA	NA		
Summer	C-GLYF	254	SCHED	06/11/2021 23:06:41	1	0	157	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	254	DEPARTURE	06/11/2021 23:07:32	1	66	238	350	065:01:40.20 N	096:04:36.60 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:09:41	2	48	216	322	065:05:10.79 N	096:01:51.60 W
Summer	C-GLYF	254	ARRIVAL	06/11/2021 23:10:58	1	0	167	338	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	254	XML_FLIGHT_SUMMARY	06/11/2021 23:10:59	0	0	0	0		
Summer	C-GLYF	254	SCHED	06/11/2021 23:13:06	3	0	163	338	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:15:14	4	0	167	338	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:17:21	5	0	167	13	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:19:28	6	0	166	13	065:05:10.79 N	096:02:10.20 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:21:37	7	0	166	13	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:23:43	8	0	165	13	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	254	SCHED	06/11/2021 23:25:50	9	41	174	231	065:05:09.59 N	096:02:17.39 W
Summer	C-GLYF	255	DEPARTURE	06/11/2021 23:26:04	2	72	221	177	065:04:55.79 N	096:02:25.79 W
Summer	C-GLYF	255	SCHED	06/11/2021 23:28:15	10	77	246	214	065:01:28.20 N	096:03:33.00 W
Summer	C-GLYF	255	SCHED	06/11/2021 23:30:24	11	0	140	189	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	255	ARRIVAL	06/11/2021 23:30:31	2	0	140	189	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	255	XML_FLIGHT_SUMMARY	06/11/2021 23:30:32	0	0	0	0		
Summer	C-GLYF	256	POWER_ON	06/12/2021 11:05:22	NA	NA	NA	NA		
Summer	C-GLYF	256	SCHED	06/12/2021 11:07:36	1	69	217	351	065:01:40.80 N	096:04:04.79 W
Summer	C-GLYF	256	DEPARTURE	06/12/2021 11:07:50	1	68	220	353	065:01:42.00 N	096:04:04.79 W
Summer	C-GLYF	256	SCHED	06/12/2021 11:10:05	2	8	179	101	065:05:13.20 N	096:02:13.79 W
Summer	C-GLYF	256	ARRIVAL	06/12/2021 11:11:46	1	0	171	181	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	256	XML_FLIGHT_SUMMARY	06/12/2021 11:11:47	0	0	0	0		
Summer	C-GLYF	256	SCHED	06/12/2021 11:13:58	3	0	173	181	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	256	SCHED	06/12/2021 11:16:07	4	0	174	181	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	256	SCHED	06/12/2021 11:18:17	5	0	173	181	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	256	SCHED	06/12/2021 11:21:23	6	0	172	181	065:05:12.60 N	096:02:13.20 W
Summer	C-GLYF	257	DEPARTURE	06/12/2021 11:23:03	2	65	239	178	065:04:51.60 N	096:02:15.00 W
Summer	C-GLYF	257	SCHED	06/12/2021 11:25:18	7	69	243	186	065:01:49.80 N	096:04:16.79 W
Summer	C-GLYF	257	ARRIVAL	06/12/2021 11:27:06	2	0	138	163	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	257	XML_FLIGHT_SUMMARY	06/12/2021 11:27:07	0	0	0	0		
Summer	C-GLYF	258	DEPARTURE	06/12/2021 11:29:15	3	71	254	358	065:01:42.59 N	096:04:04.20 W
Summer	C-GLYF	258	SCHED	06/12/2021 11:31:23	8	57	284	20	065:05:01.79 N	096:02:33.59 W
Summer	C-GLYF	258	SCHED	06/12/2021 11:33:37	9	77	357	201	065:04:21.00 N	096:02:15.60 W
Summer	C-GLYF	258	SCHED	06/12/2021 11:35:52	10	56	298	188	065:01:45.59 N	096:04:18.59 W
Summer	C-GLYF	258	SCHED	06/12/2021 11:38:00	11	0	178	44	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	258	SCHED	06/12/2021 11:40:24	12	0	142	58	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	258	XML_OVERDUE_REPORT	06/12/2021 11:47:44	0	0	0	0		
Summer	C-GLYF	258	XML_FLIGHT_SUMMARY	06/12/2021 14:56:06	0	0	0	0		
Summer	C-GLYF	259	POWER_ON	06/12/2021 14:56:05	NA	NA	NA	NA		
Summer	C-GLYF	259	SCHED	06/12/2021 14:56:48	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	259	DEPARTURE	06/12/2021 14:58:04	1	57	213	58	065:01:33.00 N	096:03:41.39 W
Summer	C-GLYF	259	SCHED	06/12/2021 15:00:13	2	85	342	1	065:04:45.00 N	096:02:36.59 W
Summer	C-GLYF	259	SCHED	06/12/2021 15:02:19	3	0	170	334	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	259	ARRIVAL	06/12/2021 15:02:46	1	0	169	334	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	259	XML_FLIGHT_SUMMARY	06/12/2021 15:02:47	0	0	0	0		
Summer	C-GLYF	260	POWER_ON	06/12/2021 15:21:48	NA	NA	NA	NA		
Summer	C-GLYF	260	SCHED	06/12/2021 15:22:25	1	0	165	117	065:05:11.40 N	096:02:10.20 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:24:41	2	0	200	287	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:26:57	3	0	197	50	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	260	DEPARTURE	06/12/2021 15:28:29	1	38	179	228	065:05:16.79 N	096:02:15.00 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:30:44	4	26	170	45	065:05:13.20 N	096:02:10.20 W
Summer	C-GLYF	260	ARRIVAL	06/12/2021 15:32:18	1	0	150	177	065:05:28.80 N	096:02:05.40 W
Summer	C-GLYF	260	DEPARTURE	06/12/2021 15:33:56	2	33	216	179	065:05:16.79 N	096:02:14.39 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:36:55	5	3	204	176	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:39:08	6	0	202	181	065:05:11.40 N	096:02:11.40 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:41:58	7	42	200	187	065:05:26.39 N	096:02:00.60 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:44:07	8	0	191	94	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:46:28	9	33	216	13	065:05:13.79 N	096:02:08.40 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:48:44	10	18	212	17	065:05:12.60 N	096:02:10.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	260	SCHED	06/12/2021 15:50:51	11	53	208	206	065:05:24.00 N	096:02:01.19 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:53:11	12	35	220	188	065:05:15.59 N	096:02:16.20 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:55:38	13	6	189	138	065:05:29.39 N	096:02:02.39 W
Summer	C-GLYF	260	SCHED	06/12/2021 15:59:01	14	4	199	157	065:05:12.00 N	096:02:12.60 W
Summer	C-GLYF	260	SCHED	06/12/2021 16:02:00	15	13	204	20	065:05:12.00 N	096:02:12.60 W
Summer	C-GLYF	260	SCHED	06/12/2021 16:04:08	16	51	208	166	065:05:07.79 N	096:02:10.20 W
Summer	C-GLYF	260	SCHED	06/12/2021 16:06:19	17	87	367	193	065:01:56.39 N	096:04:13.79 W
Summer	C-GLYF	260	ARRIVAL	06/12/2021 16:08:26	2	0	148	288	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	260	XML_FLIGHT_SUMMARY	06/12/2021 16:08:27	0	0	0	0		
Summer	C-GLYF	260	SCHED	06/12/2021 16:08:33	18	0	148	288	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	261	POWER_ON	06/12/2021 16:21:01	NA	NA	NA	NA		
Summer	C-GLYF	261	SCHED	06/12/2021 16:21:44	1	0	143	242	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	261	DEPARTURE	06/12/2021 16:23:05	1	61	241	350	065:01:40.20 N	096:04:08.99 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:25:20	2	68	293	26	065:04:59.99 N	096:02:42.59 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:27:28	3	36	189	158	065:05:28.19 N	096:02:00.00 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:29:37	4	44	193	189	065:05:26.39 N	096:02:01.19 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:31:47	5	0	192	103	065:05:29.39 N	096:02:02.39 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:33:59	6	2	191	72	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:36:16	7	2	196	75	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:38:24	8	21	216	40	065:05:28.80 N	096:02:08.40 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:40:32	9	35	228	344	065:05:18.00 N	096:02:08.40 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:42:45	10	24	216	45	065:05:12.00 N	096:02:08.40 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:45:02	11	19	210	66	065:05:11.40 N	096:02:09.59 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:47:14	12	45	219	356	065:05:15.59 N	096:02:05.99 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:49:21	13	33	213	25	065:05:27.00 N	096:02:11.40 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:51:29	14	38	236	338	065:05:22.19 N	096:02:09.59 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:53:41	15	0	204	145	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:55:52	16	15	222	184	065:05:13.20 N	096:02:11.99 W
Summer	C-GLYF	261	SCHED	06/12/2021 16:58:05	17	0	196	44	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:00:22	18	35	224	6	065:05:25.80 N	096:02:12.60 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:02:29	19	3	203	64	065:05:11.40 N	096:02:11.99 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:04:39	20	21	232	175	065:05:14.39 N	096:02:12.60 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:06:55	21	0	190	120	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:09:07	22	22	214	21	065:05:27.59 N	096:02:11.40 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:11:15	23	0	200	360	065:05:06.60 N	096:02:04.79 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:13:23	24	0	184	105	065:05:28.80 N	096:02:06.60 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:15:33	25	6	193	80	065:05:28.80 N	096:02:07.19 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:17:59	26	1	199	167	065:05:06.60 N	096:02:04.79 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:20:07	27	13	210	167	065:05:08.40 N	096:02:04.79 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:22:14	28	35	242	100	065:05:14.39 N	096:02:16.20 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:24:23	29	0	197	172	065:05:06.60 N	096:02:04.19 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:26:32	30	33	253	344	065:05:21.59 N	096:02:27.60 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:28:41	31	0	195	271	065:05:28.80 N	096:02:05.99 W
Summer	C-GLYF	261	SCHED	06/12/2021 17:30:49	32	43	198	205	065:05:18.59 N	096:02:13.20 W
Summer	C-GLYF	261	ARRIVAL	06/12/2021 17:32:10	1	0	169	225	065:05:08.40 N	096:02:07.19 W
Summer	C-GLYF	261	XML_FLIGHT_SUMMARY	06/12/2021 17:32:11	0	0	0	0		
Summer	C-GLYF	262	DEPARTURE	06/12/2021 17:32:58	2	75	196	353	065:05:10.20 N	096:02:37.19 W
Summer	C-GLYF	262	ARRIVAL	06/12/2021 17:34:27	2	0	150	200	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	262	SCHED	06/12/2021 17:36:35	33	0	183	136	065:05:29.39 N	096:02:04.19 W
Summer	C-GLYF	262	SCHED	06/12/2021 17:38:47	34	0	193	158	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	262	DEPARTURE	06/12/2021 17:39:27	3	69	239	319	065:05:25.80 N	096:02:27.60 W
Summer	C-GLYF	262	SCHED	06/12/2021 17:41:39	35	102	423	200	065:02:53.39 N	096:03:28.20 W
Summer	C-GLYF	262	SCHED	06/12/2021 17:43:46	36	0	147	133	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	262	ARRIVAL	06/12/2021 17:44:29	3	0	142	133	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	262	XML_FLIGHT_SUMMARY	06/12/2021 17:44:30	0	0	0	0		
Summer	C-GLYF	263	POWER_ON	06/12/2021 19:32:55	NA	NA	NA	NA		
Summer	C-GLYF	263	SCHED	06/12/2021 19:33:32	1	0	135	15	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	263	DEPARTURE	06/12/2021 19:34:23	1	67	204	47	065:01:33.59 N	096:03:40.80 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:36:33	2	76	247	22	065:04:48.60 N	096:02:35.40 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:38:41	3	11	207	165	065:05:08.40 N	096:02:00.60 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:40:59	4	12	203	152	065:05:06.60 N	096:02:03.60 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:43:10	5	15	205	142	065:05:07.20 N	096:02:05.40 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:45:20	6	0	192	166	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:49:06	7	13	207	156	065:05:06.60 N	096:02:04.19 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:51:21	8	1	191	138	065:05:05.40 N	096:02:02.39 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:54:06	9	94	423	224	065:03:12.60 N	096:03:07.80 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:56:27	10	3	182	312	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	263	SCHED	06/12/2021 19:58:43	11	1	172	126	065:01:28.20 N	096:04:20.40 W
Summer	C-GLYF	263	SCHED	06/12/2021 20:00:53	12	0	143	253	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	263	ARRIVAL	06/12/2021 20:01:10	1	0	143	253	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	263	XML_FLIGHT_SUMMARY	06/12/2021 20:01:11	0	0	0	0		
Summer	C-GLYF	264	POWER_ON	06/12/2021 22:23:04	NA	NA	NA	NA		
Summer	C-GLYF	264	SCHED	06/12/2021 22:23:41	1	0	0	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	264	DEPARTURE	06/12/2021 22:24:46	1	67	212	53	065:01:28.79 N	096:03:34.19 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:26:54	2	86	349	19	065:04:26.40 N	095:59:48.00 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:29:06	3	33	203	50	065:05:27.00 N	096:02:13.79 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:31:13	4	6	214	140	065:04:52.19 N	095:59:20.40 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:33:20	5	36	222	33	065:05:26.39 N	096:02:15.00 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:35:28	6	58	273	116	065:05:14.39 N	096:00:06.00 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:37:36	7	13	187	87	065:04:51.60 N	095:59:18.00 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:39:44	8	0	189	46	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:41:51	9	98	437	200	065:02:58.19 N	096:03:41.39 W
Summer	C-GLYF	264	SCHED	06/12/2021 22:43:59	10	2	153	138	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	264	ARRIVAL	06/12/2021 22:45:24	1	0	144	332	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	264	XML_FLIGHT_SUMMARY	06/12/2021 22:45:25	0	0	0	0		
Summer	C-GLYF	265	POWER_ON	06/12/2021 23:09:29	NA	NA	NA	NA		
Summer	C-GLYF	265	SCHED	06/12/2021 23:10:08	1	0	146	90	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	265	DEPARTURE	06/12/2021 23:11:07	1	65	234	65	065:01:28.20 N	096:03:34.79 W
Summer	C-GLYF	265	SCHED	06/12/2021 23:13:16	2	83	260	356	065:05:12.60 N	096:02:35.40 W
Summer	C-GLYF	265	ARRIVAL	06/12/2021 23:14:44	1	0	153	146	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	265	XML_FLIGHT_SUMMARY	06/12/2021 23:14:45	0	0	0	0		
Summer	C-GLYF	265	SCHED	06/12/2021 23:16:52	3	0	156	146	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	265	SCHED	06/12/2021 23:18:59	4	0	157	146	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	265	SCHED	06/12/2021 23:21:15	5	0	158	81	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	265	SCHED	06/12/2021 23:23:31	6	0	158	81	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	265	SCHED	06/12/2021 23:25:39	7	0	160	81	065:05:30.00 N	096:02:06.60 W
Summer	C-GLYF	266	DEPARTURE	06/12/2021 23:26:53	2	73	245	190	065:05:12.00 N	096:01:58.80 W
Summer	C-GLYF	266	SCHED	06/12/2021 23:29:01	8	84	250	194	065:01:43.19 N	096:04:48.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	266	ARRIVAL	06/12/2021 23:30:34	2	0	140	115	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	266	XML_FLIGHT_SUMMARY	06/12/2021 23:30:35	0	0	0	0		
Summer	C-GLYF	267	POWER_ON	06/13/2021 10:59:11	NA	NA	NA	NA		
Summer	C-GLYF	267	SCHED	06/13/2021 11:00:17	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	267	DEPARTURE	06/13/2021 11:01:37	1	65	217	346	065:01:42.59 N	096:04:39.60 W
Summer	C-GLYF	267	SCHED	06/13/2021 11:03:46	2	86	300	12	065:05:07.79 N	096:02:39.00 W
Summer	C-GLYF	267	SCHED	06/13/2021 11:06:05	3	0	165	179	065:05:30.00 N	096:02:05.99 W
Summer	C-GLYF	267	ARRIVAL	06/13/2021 11:06:12	1	0	165	179	065:05:30.00 N	096:02:05.99 W
Summer	C-GLYF	267	XML_FLIGHT_SUMMARY	06/13/2021 11:06:13	0	0	0	0		
Summer	C-GLYF	267	SCHED	06/13/2021 11:08:20	4	0	165	127	065:05:30.00 N	096:02:05.99 W
Summer	C-GLYF	267	SCHED	06/13/2021 11:10:29	5	0	162	152	065:05:30.00 N	096:02:05.99 W
Summer	C-GLYF	267	SCHED	06/13/2021 11:12:52	6	0	161	132	065:05:30.00 N	096:02:05.99 W
Summer	C-GLYF	267	SCHED	06/13/2021 11:16:33	7	49	177	146	065:05:25.20 N	096:01:55.20 W
Summer	C-GLYF	268	DEPARTURE	06/13/2021 11:16:42	2	69	216	195	065:05:15.00 N	096:01:55.80 W
Summer	C-GLYF	268	SCHED	06/13/2021 11:19:00	8	62	219	110	065:01:28.79 N	096:04:47.40 W
Summer	C-GLYF	268	ARRIVAL	06/13/2021 11:20:04	2	0	142	111	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	268	XML_FLIGHT_SUMMARY	06/13/2021 11:20:05	0	0	0	0		
Summer	C-GLYF	269	DEPARTURE	06/13/2021 11:21:50	3	63	253	339	065:01:42.00 N	096:04:15.60 W
Summer	C-GLYF	269	SCHED	06/13/2021 11:23:58	9	89	380	2	065:04:58.80 N	096:02:47.39 W
Summer	C-GLYF	269	SCHED	06/13/2021 11:26:13	10	31	262	188	065:05:18.00 N	096:01:58.80 W
Summer	C-GLYF	269	SCHED	06/13/2021 11:28:26	11	55	400	201	065:03:34.20 N	096:03:09.59 W
Summer	C-GLYF	269	SCHED	06/13/2021 11:30:39	12	47	292	197	065:01:40.20 N	096:04:32.39 W
Summer	C-GLYF	269	SCHED	06/13/2021 11:32:46	13	1	185	85	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	269	SCHED	06/13/2021 11:35:19	14	0	144	97	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	269	XML_OVERDUE_REPORT	06/13/2021 11:42:32	0	0	0	0		
Summer	C-GLYF	269	XML_FLIGHT_SUMMARY	06/13/2021 13:53:58	0	0	0	0		
Summer	C-GLYF	270	POWER_ON	06/13/2021 13:53:57	NA	NA	NA	NA		
Summer	C-GLYF	270	SCHED	06/13/2021 13:54:35	1	0	136	116	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	270	DEPARTURE	06/13/2021 13:56:26	1	64	206	342	065:01:42.00 N	096:04:17.39 W
Summer	C-GLYF	270	SCHED	06/13/2021 13:58:37	2	90	342	4	065:04:47.40 N	096:02:49.19 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:00:45	3	77	263	110	065:05:16.79 N	096:00:31.20 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:02:52	4	27	184	20	065:04:53.99 N	095:59:16.19 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:04:59	5	1	185	104	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:07:06	6	2	189	108	065:04:52.80 N	095:59:18.60 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:09:16	7	68	286	275	065:05:13.20 N	096:01:44.39 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:11:23	8	42	237	147	065:04:56.99 N	095:59:28.20 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:13:33	9	85	287	274	065:05:15.00 N	096:01:20.99 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:16:44	10	100	345	199	065:03:40.80 N	096:02:56.99 W
Summer	C-GLYF	270	SCHED	06/13/2021 14:18:53	11	0	147	312	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	270	ARRIVAL	06/13/2021 14:19:36	1	0	146	312	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	270	XML_FLIGHT_SUMMARY	06/13/2021 14:19:37	0	0	0	0		
Summer	C-GLYF	271	POWER_ON	06/13/2021 15:36:05	NA	NA	NA	NA		
Summer	C-GLYF	271	SCHED	06/13/2021 15:36:42	1	0	147	295	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	271	DEPARTURE	06/13/2021 15:37:54	1	67	204	80	065:01:23.99 N	096:03:31.80 W
Summer	C-GLYF	271	SCHED	06/13/2021 15:40:09	2	99	308	2	065:04:42.60 N	096:02:35.40 W
Summer	C-GLYF	271	ARRIVAL	06/13/2021 15:41:57	1	0	148	155	065:05:29.39 N	096:02:05.40 W
Summer	C-GLYF	271	XML_FLIGHT_SUMMARY	06/13/2021 15:41:58	0	0	0	0		
Summer	C-GLYF	271	SCHED	06/13/2021 15:44:11	3	0	152	155	065:05:30.00 N	096:02:05.40 W
Summer	C-GLYF	271	SCHED	06/13/2021 15:46:31	4	0	153	155	065:05:30.00 N	096:02:05.40 W
Summer	C-GLYF	271	SCHED	06/13/2021 15:48:42	5	0	153	155	065:05:30.00 N	096:02:05.40 W
Summer	C-GLYF	271	SCHED	06/13/2021 15:50:57	6	0	154	155	065:05:30.00 N	096:02:05.40 W
Summer	C-GLYF	271	SCHED	06/13/2021 15:53:20	7	0	155	155	065:05:30.00 N	096:02:05.40 W
Summer	C-GLYF	272	DEPARTURE	06/13/2021 15:54:17	2	71	216	196	065:05:12.00 N	096:02:05.99 W
Summer	C-GLYF	272	SCHED	06/13/2021 15:56:31	8	95	285	180	065:01:42.00 N	096:05:22.19 W
Summer	C-GLYF	272	ARRIVAL	06/13/2021 15:57:59	2	0	134	120	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	272	XML_FLIGHT_SUMMARY	06/13/2021 15:58:00	0	0	0	0		
Summer	C-GLYF	273	POWER_ON	06/13/2021 16:56:52	NA	NA	NA	NA		
Summer	C-GLYF	273	SCHED	06/13/2021 16:57:29	1	0	144	97	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	273	DEPARTURE	06/13/2021 16:58:11	1	73	220	346	065:01:40.20 N	096:04:02.99 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:00:18	2	108	488	323	065:04:35.99 N	096:08:43.79 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:02:36	3	111	591	323	065:07:47.99 N	096:14:01.80 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:04:47	4	114	630	323	065:11:16.19 N	096:20:14.39 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:06:56	5	112	673	325	065:14:36.59 N	096:26:00.00 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:09:06	6	119	635	326	065:17:58.19 N	096:31:37.80 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:11:17	7	120	488	327	065:21:30.00 N	096:37:30.60 W
Summer	C-GLYF	273	SCHED	06/13/2021 17:13:24	8	1	172	79	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	273	ARRIVAL	06/13/2021 17:15:08	1	0	161	39	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	273	XML_FLIGHT_SUMMARY	06/13/2021 17:15:09	0	0	0	0		
Summer	C-GLYF	274	POWER_ON	06/13/2021 17:51:07	NA	NA	NA	NA		
Summer	C-GLYF	274	SCHED	06/13/2021 17:51:53	1	0	160	271	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	274	DEPARTURE	06/13/2021 17:52:55	1	69	224	145	065:23:42.60 N	096:40:01.20 W
Summer	C-GLYF	274	SCHED	06/13/2021 17:55:05	2	103	547	143	065:21:02.39 N	096:35:22.80 W
Summer	C-GLYF	274	SCHED	06/13/2021 17:57:18	3	115	683	146	065:17:48.60 N	096:29:53.99 W
Summer	C-GLYF	274	SCHED	06/13/2021 17:59:28	4	117	603	147	065:14:13.80 N	096:24:06.59 W
Summer	C-GLYF	274	SCHED	06/13/2021 18:01:35	5	117	628	145	065:10:46.20 N	096:18:40.80 W
Summer	C-GLYF	274	SCHED	06/13/2021 18:03:51	6	115	571	146	065:07:21.59 N	096:13:19.79 W
Summer	C-GLYF	274	SCHED	06/13/2021 18:06:00	7	118	512	152	065:03:37.19 N	096:07:52.20 W
Summer	C-GLYF	274	SCHED	06/13/2021 18:08:09	8	18	153	179	065:01:27.00 N	096:04:10.79 W
Summer	C-GLYF	274	ARRIVAL	06/13/2021 18:09:08	1	0	135	264	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	274	XML_FLIGHT_SUMMARY	06/13/2021 18:09:09	0	0	0	0		
Summer	C-GLYF	275	POWER_ON	06/13/2021 19:26:17	NA	NA	NA	NA		
Summer	C-GLYF	275	SCHED	06/13/2021 19:26:55	1	0	124	243	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	275	SCHED	06/13/2021 19:29:12	2	1	156	279	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	275	DEPARTURE	06/13/2021 19:31:00	1	79	231	352	065:01:42.59 N	096:04:04.79 W
Summer	C-GLYF	275	XML_OVERDUE_REPORT	06/13/2021 19:38:19	0	0	0	0		
Summer	C-GLYF	275	POWER_ON	06/13/2021 19:51:55	NA	NA	NA	NA		
Summer	C-GLYF	275	SCHED	06/13/2021 19:54:15	1	0	188	103	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	275	SCHED	06/13/2021 19:56:36	2	28	223	197	065:05:22.19 N	096:02:00.00 W
Summer	C-GLYF	275	SCHED	06/13/2021 19:58:45	3	46	177	15	065:05:09.59 N	096:01:57.60 W
Summer	C-GLYF	275	DEPARTURE	06/13/2021 19:59:10	1	60	188	330	065:05:20.40 N	096:02:08.40 W
Summer	C-GLYF	275	ARRIVAL	06/13/2021 20:00:17	1	0	148	116	065:05:29.39 N	096:02:05.99 W
Summer	C-GLYF	275	DEPARTURE	06/13/2021 20:01:32	2	57	193	206	065:05:15.00 N	096:02:07.19 W
Summer	C-GLYF	275	ARRIVAL	06/13/2021 20:02:54	2	0	156	168	065:05:05.40 N	096:02:05.99 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	275	DEPARTURE	06/13/2021 20:04:35	3	53	211	349	065:05:22.80 N	096:02:13.20 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:06:41	4	0	191	120	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:08:57	5	8	208	143	065:05:05.99 N	096:02:03.00 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:11:07	6	41	220	199	065:05:22.19 N	096:02:01.19 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:13:15	7	1	201	129	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:15:23	8	4	204	113	065:05:05.40 N	096:02:02.39 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:18:31	9	5	190	127	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:20:45	10	0	187	86	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:22:56	11	1	198	146	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:25:07	12	0	181	123	065:05:29.39 N	096:02:02.39 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:27:16	13	1	199	158	065:05:05.99 N	096:02:01.19 W
Summer	C-GLYF	275	SCHED	06/13/2021 20:29:30	14	95	345	195	065:02:04.79 N	096:04:17.39 W
Summer	C-GLYF	275	ARRIVAL	06/13/2021 20:31:32	3	0	150	313	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	275	XML_FLIGHT_SUMMARY	06/13/2021 20:31:33	0	0	0	0		
Summer	C-GLYF	275	SCHED	06/13/2021 20:31:40	15	0	149	313	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	276	POWER_ON	06/13/2021 20:40:35	NA	NA	NA	NA		
Summer	C-GLYF	276	SCHED	06/13/2021 20:41:12	1	0	138	334	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	276	DEPARTURE	06/13/2021 20:42:13	1	71	235	350	065:01:42.00 N	096:04:13.20 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:44:24	2	90	334	5	065:05:04.20 N	096:02:36.59 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:46:33	3	3	207	162	065:05:05.99 N	096:02:03.00 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:48:52	4	55	218	198	065:05:19.20 N	096:02:07.80 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:51:09	5	11	189	107	065:05:29.39 N	096:02:02.39 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:53:20	6	1	194	77	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:55:29	7	64	218	323	065:05:13.20 N	096:02:03.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:57:39	8	18	199	31	065:05:05.99 N	096:02:00.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 20:59:45	9	7	207	141	065:05:05.99 N	096:02:02.39 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:02:33	10	0	196	148	065:05:05.99 N	096:02:01.19 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:04:40	11	18	217	155	065:05:07.79 N	096:02:04.79 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:06:45	12	0	191	77	065:05:29.39 N	096:02:02.39 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:08:52	13	18	210	67	065:05:28.80 N	096:02:07.19 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:11:03	14	46	212	339	065:05:09.59 N	096:02:00.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:13:09	15	3	208	131	065:05:05.40 N	096:02:03.00 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:15:17	16	18	218	133	065:05:05.99 N	096:02:05.99 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:18:58	17	2	191	72	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:21:05	18	31	214	54	065:05:27.59 N	096:02:11.40 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:24:07	19	40	220	32	065:05:26.39 N	096:02:16.79 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:26:14	20	62	220	332	065:05:10.79 N	096:01:58.19 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:28:21	21	4	203	160	065:05:05.99 N	096:02:02.39 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:30:27	22	1	189	92	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:32:34	23	1	198	138	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:34:44	24	10	208	158	065:05:06.60 N	096:02:03.00 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:36:56	25	0	189	91	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:39:14	26	44	237	349	065:05:19.79 N	096:02:05.99 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:41:23	27	16	216	163	065:05:08.40 N	096:02:04.79 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:43:31	28	1	183	111	065:05:28.80 N	096:02:05.99 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:45:39	29	31	191	56	065:05:27.59 N	096:02:15.00 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:47:45	30	13	224	175	065:05:08.99 N	096:02:05.99 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:49:51	31	55	251	313	065:05:14.39 N	096:02:11.99 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:52:00	32	2	201	98	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:54:07	33	32	234	173	065:05:10.79 N	096:02:08.99 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:56:21	34	43	232	182	065:05:13.79 N	096:02:09.59 W
Summer	C-GLYF	276	SCHED	06/13/2021 21:58:27	35	4	160	156	065:05:30.00 N	096:02:05.40 W
Summer	C-GLYF	276	ARRIVAL	06/13/2021 21:59:18	1	0	154	180	065:05:30.00 N	096:02:05.99 W
Summer	C-GLYF	276	XML_FLIGHT_SUMMARY	06/13/2021 21:59:19	0	0	0	0		
Summer	C-GLYF	277	DEPARTURE	06/13/2021 22:00:15	2	53	194	193	065:05:12.60 N	096:02:14.39 W
Summer	C-GLYF	277	ARRIVAL	06/13/2021 22:01:25	2	0	162	147	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	277	SCHED	06/13/2021 22:03:33	36	0	195	330	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	277	DEPARTURE	06/13/2021 22:05:17	3	71	264	164	065:04:59.99 N	096:01:25.20 W
Summer	C-GLYF	277	SCHED	06/13/2021 22:07:25	37	89	372	207	065:02:00.00 N	096:04:33.00 W
Summer	C-GLYF	277	SCHED	06/13/2021 22:09:32	38	7	149	197	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	277	ARRIVAL	06/13/2021 22:10:29	3	0	136	257	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	277	XML_FLIGHT_SUMMARY	06/13/2021 22:10:30	0	0	0	0		
Summer	C-GLYF	278	POWER_ON	06/13/2021 23:08:26	NA	NA	NA	NA		
Summer	C-GLYF	278	SCHED	06/13/2021 23:09:12	1	0	141	154	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	278	DEPARTURE	06/13/2021 23:10:57	1	64	215	68	065:01:23.99 N	096:03:31.80 W
Summer	C-GLYF	278	SCHED	06/13/2021 23:13:08	2	0	158	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	278	ARRIVAL	06/13/2021 23:13:42	1	0	158	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	278	XML_FLIGHT_SUMMARY	06/13/2021 23:13:43	0	0	0	0		
Summer	C-GLYF	278	SCHED	06/13/2021 23:16:01	3	0	162	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	278	SCHED	06/13/2021 23:18:11	4	0	166	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	278	SCHED	06/13/2021 23:20:19	5	0	167	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	278	SCHED	06/13/2021 23:22:31	6	0	166	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	278	SCHED	06/13/2021 23:24:37	7	0	165	195	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	279	DEPARTURE	06/13/2021 23:26:45	2	73	222	199	065:04:50.40 N	096:02:01.19 W
Summer	C-GLYF	279	SCHED	06/13/2021 23:28:54	8	78	295	167	065:01:39.59 N	096:04:56.40 W
Summer	C-GLYF	279	ARRIVAL	06/13/2021 23:30:17	2	0	141	152	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	279	XML_FLIGHT_SUMMARY	06/13/2021 23:30:18	0	0	0	0		
Summer	C-GLYF	280	POWER_ON	06/14/2021 11:09:10	NA	NA	NA	NA		
Summer	C-GLYF	280	SCHED	06/14/2021 11:11:24	1	74	227	359	065:01:58.19 N	096:04:34.19 W
Summer	C-GLYF	280	DEPARTURE	06/14/2021 11:11:33	1	67	0	321	065:01:43.80 N	096:04:19.19 W
Summer	C-GLYF	280	SCHED	06/14/2021 11:13:43	2	1	148	103	065:05:05.40 N	096:02:07.19 W
Summer	C-GLYF	280	ARRIVAL	06/14/2021 11:15:07	1	0	182	103	065:05:05.99 N	096:02:05.40 W
Summer	C-GLYF	280	XML_FLIGHT_SUMMARY	06/14/2021 11:15:08	0	0	0	0		
Summer	C-GLYF	280	SCHED	06/14/2021 11:17:16	3	0	179	103	065:05:05.99 N	096:02:05.40 W
Summer	C-GLYF	280	SCHED	06/14/2021 11:22:06	4	0	172	103	065:05:05.99 N	096:02:05.40 W
Summer	C-GLYF	280	SCHED	06/14/2021 11:24:21	5	0	171	103	065:05:05.99 N	096:02:05.40 W
Summer	C-GLYF	280	SCHED	06/14/2021 11:26:29	6	0	170	103	065:05:05.99 N	096:02:05.40 W
Summer	C-GLYF	280	SCHED	06/14/2021 11:30:43	7	0	167	103	065:05:05.99 N	096:02:05.40 W
Summer	C-GLYF	281	DEPARTURE	06/14/2021 11:32:50	2	65	234	188	065:04:47.40 N	096:02:05.40 W
Summer	C-GLYF	281	SCHED	06/14/2021 11:35:00	8	57	222	127	065:01:34.79 N	096:04:43.80 W
Summer	C-GLYF	281	ARRIVAL	06/14/2021 11:37:22	2	0	133	139	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	281	XML_FLIGHT_SUMMARY	06/14/2021 11:37:23	0	0	0	0		
Summer	C-GLYF	281	SCHED	06/14/2021 11:37:29	9	0	133	139	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	282	DEPARTURE	06/14/2021 11:39:08	3	69	257	49	065:01:31.19 N	096:03:36.59 W
Summer	C-GLYF	282	SCHED	06/14/2021 11:41:57	10	8	202	99	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	282	SCHED	06/14/2021 11:44:06	11	62	281	197	065:04:43.80 N	096:02:04.19 W
Summer	C-GLYF	282	SCHED	06/14/2021 11:46:26	12	75	388	206	065:02:16.20 N	096:04:12.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	282	SCHED	06/14/2021 11:49:23	13	2	159	312	065:01:27.60 N	096:04:17.39 W
Summer	C-GLYF	282	ARRIVAL	06/14/2021 11:50:15	3	0	141	173	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	282	XML_FLIGHT_SUMMARY	06/14/2021 11:50:16	0	0	0	0		
Summer	C-GLYF	283	POWER_ON	06/14/2021 12:59:32	NA	NA	NA	NA		
Summer	C-GLYF	283	SCHED	06/14/2021 13:00:59	1	2	158	141	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:04:02	2	71	221	6	065:01:43.19 N	096:04:21.00 W
Summer	C-GLYF	283	DEPARTURE	06/14/2021 13:04:08	1	68	212	5	065:01:38.39 N	096:04:21.59 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:06:19	3	31	236	64	065:05:04.79 N	096:02:11.99 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:08:30	4	36	206	80	065:05:05.99 N	096:01:53.99 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:10:41	5	1	174	111	065:04:52.19 N	095:59:18.00 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:12:48	6	3	191	133	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:15:00	7	89	367	204	065:03:22.20 N	096:03:04.79 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:17:15	8	1	159	83	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	283	SCHED	06/14/2021 13:19:23	9	0	132	231	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	283	XML_OVERDUE_REPORT	06/14/2021 13:26:38	0	0	0	0		
Summer	C-GLYF	283	XML_FLIGHT_SUMMARY	06/14/2021 14:15:30	0	0	0	0		
Summer	C-GLYF	284	POWER_ON	06/14/2021 14:15:29	NA	NA	NA	NA		
Summer	C-GLYF	284	SCHED	06/14/2021 14:16:00	1	0	154	351	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	284	DEPARTURE	06/14/2021 14:17:10	1	63	215	70	065:01:25.20 N	096:03:36.00 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:19:21	2	109	597	322	065:04:27.59 N	096:07:17.39 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:21:37	3	118	617	326	065:07:51.60 N	096:13:05.40 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:23:46	4	118	620	324	065:11:32.40 N	096:19:19.19 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:25:53	5	116	586	324	065:14:56.39 N	096:25:06.00 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:28:07	6	115	709	325	065:18:10.20 N	096:30:53.99 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:30:16	7	126	596	327	065:21:40.80 N	096:37:17.39 W
Summer	C-GLYF	284	SCHED	06/14/2021 14:32:23	8	0	155	241	065:23:44.99 N	096:40:38.99 W
Summer	C-GLYF	284	ARRIVAL	06/14/2021 14:33:00	1	0	155	241	065:23:44.99 N	096:40:38.99 W
Summer	C-GLYF	284	XML_FLIGHT_SUMMARY	06/14/2021 14:33:01	0	0	0	0		
Summer	C-GLYF	285	POWER_ON	06/14/2021 14:58:29	NA	NA	NA	NA		
Summer	C-GLYF	285	SCHED	06/14/2021 14:59:06	1	0	158	0	065:23:44.99 N	096:40:38.99 W
Summer	C-GLYF	285	DEPARTURE	06/14/2021 15:00:04	1	44	185	198	065:23:32.40 N	096:40:34.19 W
Summer	C-GLYF	285	SCHED	06/14/2021 15:02:12	2	0	165	255	065:22:09.00 N	096:42:03.00 W
Summer	C-GLYF	285	ARRIVAL	06/14/2021 15:02:55	1	0	165	255	065:22:09.00 N	096:42:02.39 W
Summer	C-GLYF	285	POWER_ON	06/14/2021 17:07:16	NA	NA	NA	NA		
Summer	C-GLYF	285	SCHED	06/14/2021 17:07:59	1	0	158	200	065:22:09.00 N	096:42:02.39 W
Summer	C-GLYF	285	DEPARTURE	06/14/2021 17:08:41	1	71	208	347	065:22:12.00 N	096:42:28.79 W
Summer	C-GLYF	285	SCHED	06/14/2021 17:10:49	2	0	156	216	065:22:49.79 N	096:42:12.60 W
Summer	C-GLYF	285	ARRIVAL	06/14/2021 17:11:07	1	0	157	216	065:22:49.79 N	096:42:12.60 W
Summer	C-GLYF	285	POWER_ON	06/14/2021 18:45:01	NA	NA	NA	NA		
Summer	C-GLYF	285	SCHED	06/14/2021 18:46:52	1	51	185	262	065:22:42.60 N	096:42:20.99 W
Summer	C-GLYF	285	DEPARTURE	06/14/2021 18:46:59	1	56	190	295	065:22:45.00 N	096:42:35.99 W
Summer	C-GLYF	285	ARRIVAL	06/14/2021 18:48:24	1	0	167	241	065:22:55.79 N	096:43:27.60 W
Summer	C-GLYF	285	POWER_ON	06/14/2021 20:30:26	NA	NA	NA	NA		
Summer	C-GLYF	285	SCHED	06/14/2021 20:31:36	1	75	186	305	065:22:53.99 N	096:44:02.39 W
Summer	C-GLYF	285	DEPARTURE	06/14/2021 20:31:44	1	75	0	305	065:22:54.59 N	096:44:04.79 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:33:53	2	0	220	242	065:23:44.99 N	096:40:40.20 W
Summer	C-GLYF	285	ARRIVAL	06/14/2021 20:34:02	1	0	221	242	065:23:44.99 N	096:40:40.20 W
Summer	C-GLYF	285	DEPARTURE	06/14/2021 20:37:50	2	70	153	140	065:23:32.40 N	096:40:07.80 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:40:02	3	97	663	145	065:18:50.99 N	096:32:21.59 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:42:14	4	99	639	146	065:15:53.39 N	096:27:32.39 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:45:13	5	101	588	146	065:12:11.99 N	096:21:24.00 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:47:24	6	101	630	144	065:08:48.59 N	096:15:51.60 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:49:30	7	102	573	146	065:05:49.79 N	096:11:00.00 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:51:38	8	103	420	147	065:02:48.60 N	096:06:27.59 W
Summer	C-GLYF	285	SCHED	06/14/2021 20:53:45	9	0	149	126	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	285	ARRIVAL	06/14/2021 20:54:05	2	0	148	126	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	285	XML_FLIGHT_SUMMARY	06/14/2021 20:54:06	0	0	0	0		
Summer	C-GLYF	286	POWER_ON	06/14/2021 22:54:12	NA	NA	NA	NA		
Summer	C-GLYF	286	SCHED	06/14/2021 22:54:50	1	0	124	133	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	286	DEPARTURE	06/14/2021 22:57:26	1	93	140	8	065:01:43.80 N	096:04:45.00 W
Summer	C-GLYF	286	SCHED	06/14/2021 22:59:33	2	0	198	83	065:05:05.40 N	096:05:02.39 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:01:45	3	63	336	203	065:04:02.40 N	096:02:38.39 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:03:55	4	57	393	195	065:02:08.40 N	096:04:14.39 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:06:05	5	0	177	188	065:01:20.40 N	096:04:28.80 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:08:12	6	66	424	11	065:02:49.79 N	096:03:23.40 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:10:24	7	52	302	26	065:05:04.79 N	096:02:30.00 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:12:40	8	84	321	203	065:03:55.79 N	096:02:39.00 W
Summer	C-GLYF	286	SCHED	06/14/2021 23:14:48	9	29	229	180	065:01:31.19 N	096:04:15.60 W
Summer	C-GLYF	286	ARRIVAL	06/14/2021 23:16:47	1	0	144	220	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	286	XML_FLIGHT_SUMMARY	06/14/2021 23:16:48	0	0	0	0		
Summer	C-GLYF	287	DEPARTURE	06/14/2021 23:18:46	2	64	213	96	065:01:20.99 N	096:03:31.80 W
Summer	C-GLYF	287	SCHED	06/14/2021 23:21:41	10	0	162	199	065:05:05.40 N	096:02:05.40 W
Summer	C-GLYF	287	ARRIVAL	06/14/2021 23:22:54	2	0	159	199	065:05:05.40 N	096:02:05.40 W
Summer	C-GLYF	287	XML_FLIGHT_SUMMARY	06/14/2021 23:22:55	0	0	0	0		
Summer	C-GLYF	287	SCHED	06/14/2021 23:25:15	11	0	158	199	065:05:05.40 N	096:02:05.40 W
Summer	C-GLYF	287	SCHED	06/14/2021 23:27:34	12	0	159	254	065:05:05.40 N	096:02:05.40 W
Summer	C-GLYF	287	SCHED	06/14/2021 23:29:50	13	0	162	275	065:05:05.40 N	096:02:05.40 W
Summer	C-GLYF	287	SCHED	06/14/2021 23:32:08	14	0	160	288	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	288	DEPARTURE	06/14/2021 23:34:03	3	74	206	187	065:04:46.80 N	096:02:10.80 W
Summer	C-GLYF	288	SCHED	06/14/2021 23:36:09	15	66	235	155	065:01:45.00 N	096:04:22.79 W
Summer	C-GLYF	288	ARRIVAL	06/14/2021 23:37:56	3	0	138	72	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	288	XML_FLIGHT_SUMMARY	06/14/2021 23:37:57	0	0	0	0		
Summer	C-GLYF	289	POWER_ON	06/15/2021 11:02:44	NA	NA	NA	NA		
Summer	C-GLYF	289	SCHED	06/15/2021 11:05:43	1	106	294	10	065:02:22.20 N	096:02:55.80 W
Summer	C-GLYF	289	DEPARTURE	06/15/2021 11:05:49	1	69	197	58	065:01:25.79 N	096:03:36.00 W
Summer	C-GLYF	289	SCHED	06/15/2021 11:07:56	2	0	185	115	065:05:05.99 N	096:02:04.79 W
Summer	C-GLYF	289	ARRIVAL	06/15/2021 11:08:12	1	0	185	115	065:05:05.99 N	096:02:04.79 W
Summer	C-GLYF	289	XML_FLIGHT_SUMMARY	06/15/2021 11:08:13	0	0	0	0		
Summer	C-GLYF	289	SCHED	06/15/2021 11:10:19	3	0	186	115	065:05:05.99 N	096:02:04.79 W
Summer	C-GLYF	289	SCHED	06/15/2021 11:12:33	4	0	185	115	065:05:05.99 N	096:02:04.19 W
Summer	C-GLYF	289	SCHED	06/15/2021 11:14:46	5	0	179	20	065:05:05.99 N	096:02:04.79 W
Summer	C-GLYF	289	SCHED	06/15/2021 11:16:59	6	0	173	20	065:05:05.99 N	096:02:04.79 W
Summer	C-GLYF	290	DEPARTURE	06/15/2021 11:19:37	2	68	234	185	065:04:47.40 N	096:02:08.40 W
Summer	C-GLYF	290	SCHED	06/15/2021 11:21:42	7	0	139	247	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	290	ARRIVAL	06/15/2021 11:22:30	2	0	138	247	065:01:25.20 N	096:04:15.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	290	XML_FLIGHT_SUMMARY	06/15/2021 11:22:31	0	0	0	0		
Summer	C-GLYF	291	POWER_ON	06/15/2021 11:31:45	NA	NA	NA	NA		
Summer	C-GLYF	291	SCHED	06/15/2021 11:32:25	1	0	139	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	291	SCHED	06/15/2021 11:34:38	2	3	145	299	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	291	DEPARTURE	06/15/2021 11:35:35	1	81	264	36	065:01:34.20 N	096:03:32.39 W
Summer	C-GLYF	291	SCHED	06/15/2021 11:37:43	3	39	220	121	065:05:10.79 N	096:02:11.99 W
Summer	C-GLYF	291	SCHED	06/15/2021 11:39:59	4	68	352	198	065:04:05.40 N	096:02:38.39 W
Summer	C-GLYF	291	SCHED	06/15/2021 11:42:08	5	53	277	195	065:01:37.80 N	096:04:18.00 W
Summer	C-GLYF	291	SCHED	06/15/2021 11:44:23	6	27	194	56	065:01:27.00 N	096:04:24.59 W
Summer	C-GLYF	291	ARRIVAL	06/15/2021 11:46:14	1	0	142	116	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	291	XML_FLIGHT_SUMMARY	06/15/2021 11:46:15	0	0	0	0		
Summer	C-GLYF	292	POWER_ON	06/15/2021 14:02:51	NA	NA	NA	NA		
Summer	C-GLYF	292	SCHED	06/15/2021 14:03:30	1	0	128	133	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	292	DEPARTURE	06/15/2021 14:04:20	1	73	186	69	065:01:23.99 N	096:03:34.19 W
Summer	C-GLYF	292	SCHED	06/15/2021 14:06:32	2	102	203	17	065:05:26.39 N	096:02:41.99 W
Summer	C-GLYF	292	ARRIVAL	06/15/2021 14:07:56	1	0	133	148	065:05:29.39 N	096:02:04.79 W
Summer	C-GLYF	292	XML_FLIGHT_SUMMARY	06/15/2021 14:07:57	0	0	0	0		
Summer	C-GLYF	292	SCHED	06/15/2021 14:10:03	3	1	135	148	065:05:29.39 N	096:02:04.79 W
Summer	C-GLYF	292	SCHED	06/15/2021 14:12:16	4	23	194	160	065:05:27.59 N	096:02:02.39 W
Summer	C-GLYF	293	DEPARTURE	06/15/2021 14:12:33	2	60	223	92	065:05:21.00 N	096:01:32.39 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:14:52	5	1	175	188	065:04:44.39 N	095:59:42.60 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:17:08	6	1	198	180	065:05:29.39 N	096:02:03.60 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:19:15	7	6	185	194	065:04:45.00 N	095:59:42.60 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:21:30	8	17	214	180	065:05:31.80 N	096:02:04.19 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:23:45	9	31	206	198	065:04:48.60 N	095:59:41.39 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:25:57	10	4	194	184	065:05:29.39 N	096:02:03.00 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:28:04	11	29	210	205	065:04:49.79 N	095:59:38.40 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:30:19	12	15	215	169	065:05:31.19 N	096:02:04.19 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:34:07	13	89	303	294	065:05:24.59 N	096:00:45.00 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:36:14	14	71	273	121	065:05:15.00 N	095:59:58.20 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:38:20	15	72	337	310	065:04:47.99 N	096:00:38.40 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:40:28	16	49	178	214	065:05:00.60 N	096:02:08.40 W
Summer	C-GLYF	293	SCHED	06/15/2021 14:42:38	17	49	175	197	065:05:21.59 N	096:02:07.19 W
Summer	C-GLYF	293	ARRIVAL	06/15/2021 14:44:39	2	0	160	181	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	293	XML_FLIGHT_SUMMARY	06/15/2021 14:44:40	0	0	0	0		
Summer	C-GLYF	293	SCHED	06/15/2021 14:45:37	18	0	160	108	065:05:05.40 N	096:02:05.40 W
Summer	C-GLYF	294	DEPARTURE	06/15/2021 14:46:33	3	65	225	192	065:04:49.19 N	096:02:06.60 W
Summer	C-GLYF	294	SCHED	06/15/2021 14:48:43	19	79	308	190	065:02:01.19 N	096:04:24.00 W
Summer	C-GLYF	294	ARRIVAL	06/15/2021 14:50:17	3	0	145	161	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	294	XML_FLIGHT_SUMMARY	06/15/2021 14:50:18	0	0	0	0		
Summer	C-GLYF	295	POWER_ON	06/15/2021 19:59:43	NA	NA	NA	NA		
Summer	C-GLYF	295	DEPARTURE	06/15/2021 20:01:18	1	73	228	28	065:01:36.59 N	096:03:25.79 W
Summer	C-GLYF	295	SCHED	06/15/2021 20:01:25	1	77	248	12	065:01:45.00 N	096:03:18.59 W
Summer	C-GLYF	295	SCHED	06/15/2021 20:03:39	2	28	213	121	065:05:08.40 N	096:02:12.60 W
Summer	C-GLYF	295	XML_OVERDUE_REPORT	06/15/2021 20:10:51	0	0	0	0		
Summer	C-GLYF	295	XML_FLIGHT_SUMMARY	06/15/2021 20:30:26	0	0	0	0		
Summer	C-GLYF	296	POWER_ON	06/15/2021 20:30:25	NA	NA	NA	NA		
Summer	C-GLYF	296	SCHED	06/15/2021 20:31:10	1	0	165	105	065:05:05.40 N	096:02:05.99 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:33:35	2	1	206	44	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:35:44	3	32	307	82	065:04:43.80 N	096:00:19.20 W
Summer	C-GLYF	296	DEPARTURE	06/15/2021 20:36:01	1	32	255	78	065:04:46.80 N	095:59:58.20 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:39:12	4	0	195	273	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:41:22	5	22	200	111	065:04:46.19 N	095:59:45.00 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:43:29	6	1	201	191	065:05:05.40 N	096:02:03.00 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:46:33	7	61	315	197	065:03:32.39 N	096:03:02.39 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:48:44	8	4	200	189	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	296	SCHED	06/15/2021 20:50:55	9	0	149	293	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	296	ARRIVAL	06/15/2021 20:51:35	1	0	148	293	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	296	XML_FLIGHT_SUMMARY	06/15/2021 20:51:36	0	0	0	0		
Summer	C-GLYF	297	POWER_ON	06/15/2021 21:01:56	NA	NA	NA	NA		
Summer	C-GLYF	297	SCHED	06/15/2021 21:02:41	1	1	143	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	297	DEPARTURE	06/15/2021 21:03:42	1	83	259	348	065:01:39.00 N	096:04:45.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:05:51	2	35	228	136	065:05:09.59 N	096:02:05.99 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:07:59	3	55	251	60	065:04:43.80 N	096:00:04.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:10:07	4	0	201	201	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:12:17	5	4	182	216	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:14:32	6	0	210	206	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:16:47	7	1	178	176	065:04:43.80 N	095:59:42.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:18:54	8	0	201	163	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:21:00	9	1	180	170	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:23:17	10	0	202	192	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:25:34	11	0	176	200	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:27:41	12	1	199	195	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:29:49	13	48	187	237	065:04:41.99 N	095:59:49.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:31:56	14	60	232	117	065:04:58.20 N	096:01:32.39 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:34:09	15	88	302	318	065:04:47.99 N	096:00:55.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:36:21	16	48	244	121	065:04:56.40 N	096:01:25.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:38:28	17	63	227	259	065:04:39.00 N	096:00:11.99 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:40:38	18	52	248	113	065:04:59.40 N	096:01:34.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:42:48	19	78	279	303	065:04:40.20 N	096:00:27.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:44:56	20	61	266	119	065:04:42.60 N	096:00:38.40 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:47:04	21	22	204	198	065:05:07.79 N	096:02:00.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:49:11	22	38	285	61	065:04:43.80 N	096:00:14.40 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:52:12	23	0	193	202	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:54:19	24	3	177	148	065:04:44.39 N	095:59:42.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:56:27	25	0	192	206	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	297	SCHED	06/15/2021 21:58:33	26	8	184	178	065:04:45.00 N	095:59:42.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:02:16	27	19	183	167	065:04:46.19 N	095:59:43.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:04:23	28	24	205	193	065:05:07.79 N	096:02:00.00 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:06:30	29	30	208	127	065:04:47.99 N	095:59:46.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:08:40	30	0	188	186	065:05:05.40 N	096:02:02.39 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:11:33	31	83	273	299	065:04:41.39 N	096:00:32.39 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:13:41	32	59	285	114	065:04:41.99 N	096:00:34.19 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:15:49	33	27	214	196	065:05:08.40 N	096:02:00.00 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:18:00	34	3	174	176	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:20:09	35	33	203	131	065:05:03.59 N	096:01:58.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	297	SCHED	06/15/2021 22:22:15	36	95	273	322	065:04:47.99 N	096:00:50.40 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:24:22	37	62	298	127	065:04:45.00 N	096:00:51.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:26:30	38	61	259	281	065:05:12.60 N	096:01:45.00 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:28:42	39	14	185	164	065:04:45.60 N	095:59:43.80 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:30:55	40	2	193	185	065:05:05.99 N	096:02:01.19 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:33:02	41	43	179	241	065:04:42.60 N	095:59:50.40 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:35:19	42	55	236	126	065:04:56.40 N	096:01:24.59 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:37:26	43	91	302	331	065:05:04.20 N	096:01:15.60 W
Summer	C-GLYF	297	SCHED	06/15/2021 22:39:34	44	0	160	191	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	297	ARRIVAL	06/15/2021 22:39:43	1	0	160	191	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	297	XML_FLIGHT_SUMMARY	06/15/2021 22:39:44	0	0	0	0		
Summer	C-GLYF	298	DEPARTURE	06/15/2021 22:41:27	2	83	213	186	065:04:45.60 N	096:02:07.19 W
Summer	C-GLYF	298	SCHED	06/15/2021 22:43:34	45	60	220	153	065:01:35.40 N	096:04:11.99 W
Summer	C-GLYF	298	ARRIVAL	06/15/2021 22:44:47	2	0	138	276	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	298	XML_FLIGHT_SUMMARY	06/15/2021 22:44:48	0	0	0	0		
Summer	C-GLYF	299	POWER_ON	06/15/2021 22:57:07	NA	NA	NA	NA		
Summer	C-GLYF	299	SCHED	06/15/2021 22:57:51	1	0	138	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	299	DEPARTURE	06/15/2021 22:58:29	1	64	221	72	065:01:25.20 N	096:03:32.39 W
Summer	C-GLYF	299	SCHED	06/15/2021 23:00:36	2	58	225	88	065:05:11.40 N	096:02:21.00 W
Summer	C-GLYF	299	ARRIVAL	06/15/2021 23:01:52	1	0	161	166	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	299	XML_FLIGHT_SUMMARY	06/15/2021 23:01:53	0	0	0	0		
Summer	C-GLYF	299	SCHED	06/15/2021 23:04:07	3	1	191	140	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	300	DEPARTURE	06/15/2021 23:04:32	2	55	247	112	065:04:58.80 N	096:01:30.60 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:06:49	4	86	267	307	065:05:10.20 N	096:01:40.20 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:08:58	5	2	173	200	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:11:06	6	1	194	208	065:05:05.99 N	096:02:03.60 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:13:15	7	64	189	239	065:04:39.00 N	096:00:05.39 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:15:27	8	48	297	84	065:04:44.39 N	096:00:23.99 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:17:34	9	27	220	177	065:05:08.99 N	096:02:01.79 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:19:42	10	1	168	178	065:04:44.39 N	095:59:43.80 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:21:49	11	0	199	186	065:05:05.40 N	096:02:01.79 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:24:49	12	64	192	244	065:04:39.60 N	096:00:07.19 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:27:05	13	50	274	122	065:04:47.99 N	096:00:53.39 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:29:14	14	43	235	239	065:05:13.20 N	096:01:54.59 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:31:25	15	22	192	166	065:04:46.19 N	095:59:42.00 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:33:57	16	3	204	190	065:05:05.99 N	096:02:02.39 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:36:08	17	2	177	176	065:04:44.39 N	095:59:42.00 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:38:20	18	0	193	197	065:05:05.40 N	096:02:02.39 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:41:10	19	0	178	183	065:04:43.80 N	095:59:42.00 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:43:25	20	29	216	127	065:05:03.59 N	096:01:58.19 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:45:34	21	63	197	245	065:04:39.60 N	096:00:01.19 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:48:25	22	61	284	62	065:04:45.60 N	096:00:12.60 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:50:35	23	26	214	186	065:05:08.40 N	096:02:01.79 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:52:46	24	2	171	194	065:04:44.39 N	095:59:41.39 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:55:01	25	22	203	149	065:05:04.79 N	096:02:00.60 W
Summer	C-GLYF	300	SCHED	06/15/2021 23:57:08	26	106	257	323	065:04:45.00 N	096:00:53.99 W
Summer	C-GLYF	300	SCHED	06/16/2021 00:00:04	27	44	287	74	065:04:43.80 N	096:00:20.99 W
Summer	C-GLYF	300	SCHED	06/16/2021 00:02:11	28	8	196	191	065:05:05.99 N	096:02:01.79 W
Summer	C-GLYF	300	SCHED	06/16/2021 00:04:17	29	82	353	200	065:03:07.80 N	096:03:25.20 W
Summer	C-GLYF	300	SCHED	06/16/2021 00:07:20	30	0	138	128	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	300	ARRIVAL	06/16/2021 00:07:46	2	0	137	128	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	300	XML_FLIGHT_SUMMARY	06/16/2021 00:07:47	0	0	0	0		
Summer	C-GLYF	301	POWER_ON	06/16/2021 11:46:22	NA	NA	NA	NA		
Summer	C-GLYF	301	SCHED	06/16/2021 11:46:52	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	301	POWER_ON	06/16/2021 19:09:41	NA	NA	NA	NA		
Summer	C-GLYF	301	SCHED	06/16/2021 19:13:03	1	0	132	256	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	301	POWER_ON	06/16/2021 19:22:36	NA	NA	NA	NA		
Summer	C-GLYF	301	SCHED	06/16/2021 19:23:18	1	0	132	244	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	301	SCHED	06/16/2021 19:25:30	2	33	169	74	065:01:28.20 N	096:04:13.20 W
Summer	C-GLYF	301	DEPARTURE	06/16/2021 19:25:43	1	63	222	86	065:01:23.99 N	096:03:34.79 W
Summer	C-GLYF	301	SCHED	06/16/2021 19:27:49	3	76	380	29	065:03:45.00 N	096:00:14.40 W
Summer	C-GLYF	301	SCHED	06/16/2021 19:30:04	4	2	155	228	065:04:44.39 N	095:59:42.60 W
Summer	C-GLYF	301	SCHED	06/16/2021 19:32:11	5	0	132	22	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	301	ARRIVAL	06/16/2021 19:32:41	1	0	132	22	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	301	XML_FLIGHT_SUMMARY	06/16/2021 19:32:42	0	0	0	0		
Summer	C-GLYF	301	SCHED	06/16/2021 19:34:48	6	1	155	108	065:04:44.39 N	095:59:41.39 W
Summer	C-GLYF	301	SCHED	06/16/2021 19:36:56	7	1	161	313	065:04:44.39 N	095:59:42.00 W
Summer	C-GLYF	301	SCHED	06/16/2021 19:39:10	8	0	125	21	065:04:45.00 N	095:59:43.20 W
Summer	C-GLYF	302	POWER_ON	06/16/2021 20:06:22	NA	NA	NA	NA		
Summer	C-GLYF	302	SCHED	06/16/2021 20:06:59	1	0	130	9	065:04:44.39 N	095:59:43.20 W
Summer	C-GLYF	302	DEPARTURE	06/16/2021 20:08:55	1	45	234	173	065:04:35.99 N	095:59:08.39 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:11:07	2	54	321	209	065:02:48.60 N	096:00:46.20 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:13:18	3	56	399	209	065:01:01.80 N	096:02:33.00 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:15:27	4	56	485	197	064:59:21.60 N	096:04:58.20 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:17:47	5	61	525	195	064:57:19.19 N	096:06:30.60 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:20:06	6	62	555	199	064:55:02.39 N	096:08:03.00 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:22:19	7	63	607	200	064:52:47.99 N	096:09:35.40 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:24:27	8	58	576	201	064:50:44.40 N	096:11:15.60 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:26:54	9	60	607	199	064:48:45.60 N	096:12:37.19 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:29:08	10	64	626	197	064:46:16.79 N	096:14:32.39 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:31:33	11	64	659	199	064:44:05.39 N	096:16:21.59 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:33:41	12	63	560	199	064:41:35.99 N	096:18:10.20 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:35:55	13	53	338	189	064:39:34.79 N	096:19:23.40 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:38:04	14	33	209	144	064:38:10.20 N	096:19:02.39 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:40:13	15	1	156	105	064:37:16.80 N	096:18:31.20 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:42:23	16	58	288	337	064:39:05.40 N	096:19:21.59 W
Summer	C-GLYF	302	SCHED	06/16/2021 20:45:14	17	0	127	75	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	302	ARRIVAL	06/16/2021 20:46:59	1	0	128	75	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	302	XML_FLIGHT_SUMMARY	06/16/2021 20:47:00	0	0	0	0		
Summer	C-GLYF	303	DEPARTURE	06/16/2021 20:47:33	2	80	202	186	064:39:19.19 N	096:19:52.80 W
Summer	C-GLYF	303	SCHED	06/16/2021 20:49:41	18	0	109	80	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	303	ARRIVAL	06/16/2021 20:50:47	2	0	107	80	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	303	DEPARTURE	06/16/2021 20:51:51	3	77	146	346	064:37:34.19 N	096:18:26.39 W
Summer	C-GLYF	303	SCHED	06/16/2021 20:54:02	19	71	430	150	064:39:12.00 N	096:18:13.20 W
Summer	C-GLYF	303	ARRIVAL	06/16/2021 20:56:00	3	0	127	116	064:39:24.00 N	096:19:23.40 W
Summer	C-GLYF	303	SCHED	06/16/2021 20:58:11	20	4	139	155	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	303	DEPARTURE	06/16/2021 20:59:26	4	61	216	200	064:39:22.19 N	096:19:50.40 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:01:37	21	18	168	112	064:37:16.19 N	096:18:34.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	303	SCHED	06/16/2021 21:03:47	22	84	245	343	064:38:35.99 N	096:19:05.99 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:05:54	23	83	252	162	064:38:50.40 N	096:19:41.39 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:08:03	24	58	174	347	064:37:25.20 N	096:18:33.59 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:10:16	25	1	161	46	064:39:22.80 N	096:19:22.19 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:12:35	26	76	247	160	064:39:03.00 N	096:19:52.19 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:14:42	27	1	150	45	064:37:16.80 N	096:18:28.80 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:16:54	28	65	255	351	064:39:05.40 N	096:19:34.19 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:19:05	29	55	197	262	064:39:28.19 N	096:19:36.00 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:21:11	30	31	198	145	064:37:18.00 N	096:18:41.39 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:23:18	31	60	169	354	064:37:25.80 N	096:18:29.39 W
Summer	C-GLYF	303	SCHED	06/16/2021 21:25:25	32	1	159	80	064:39:25.80 N	096:19:23.40 W
Summer	C-GLYF	303	ARRIVAL	06/16/2021 21:26:56	4	0	128	71	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	303	XML_FLIGHT_SUMMARY	06/16/2021 21:26:57	0	0	0	0		
Summer	C-GLYF	304	POWER_ON	06/16/2021 21:59:38	NA	NA	NA	NA		
Summer	C-GLYF	304	SCHED	06/16/2021 22:00:08	1	2	127	316	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	304	DEPARTURE	06/16/2021 22:01:52	1	72	196	197	064:39:19.19 N	096:19:58.79 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:04:00	2	1	143	107	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:06:53	3	0	157	37	064:39:23.39 N	096:19:26.39 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:09:04	4	6	150	50	064:37:16.19 N	096:18:30.59 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:11:15	5	81	322	346	064:38:16.19 N	096:19:04.79 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:13:25	6	0	159	60	064:39:22.19 N	096:19:25.80 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:15:34	7	40	197	110	064:37:15.00 N	096:18:45.60 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:17:41	8	1	122	118	064:37:34.79 N	096:17:33.00 W
Summer	C-GLYF	304	SCHED	06/16/2021 22:19:48	9	0	105	78	064:37:15.59 N	096:18:30.59 W
Summer	C-GLYF	304	ARRIVAL	06/16/2021 22:19:53	1	0	105	78	064:37:15.59 N	096:18:30.59 W
Summer	C-GLYF	304	XML_FLIGHT_SUMMARY	06/16/2021 22:19:54	0	0	0	0		
Summer	C-GLYF	304	SCHED	06/16/2021 22:23:04	10	23	146	53	064:39:24.00 N	096:19:28.80 W
Summer	C-GLYF	305	DEPARTURE	06/16/2021 22:23:10	2	30	116	58	064:37:21.59 N	096:18:04.79 W
Summer	C-GLYF	305	SCHED	06/16/2021 22:26:56	11	88	350	18	064:41:45.59 N	096:19:15.60 W
Summer	C-GLYF	305	SCHED	06/16/2021 22:29:04	12	88	544	20	064:44:45.59 N	096:16:49.79 W
Summer	C-GLYF	305	SCHED	06/16/2021 22:31:13	13	98	600	18	064:47:57.60 N	096:14:23.40 W
Summer	C-GLYF	305	SCHED	06/16/2021 22:36:00	14	95	595	19	064:54:16.80 N	096:09:33.60 W
Summer	C-GLYF	305	SCHED	06/16/2021 22:38:07	15	97	512	13	064:58:29.40 N	096:06:43.19 W
Summer	C-GLYF	305	SCHED	06/16/2021 22:40:16	16	47	202	47	065:01:23.40 N	096:04:35.40 W
Summer	C-GLYF	305	ARRIVAL	06/16/2021 22:41:53	2	0	140	335	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	305	XML_FLIGHT_SUMMARY	06/16/2021 22:41:54	0	0	0	0		
Summer	C-GLYF	306	POWER_ON	06/16/2021 22:53:05	NA	NA	NA	NA		
Summer	C-GLYF	306	SCHED	06/16/2021 22:53:51	1	0	165	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	306	SCHED	06/16/2021 22:55:59	2	0	153	311	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	306	POWER_ON	06/17/2021 11:38:42	NA	NA	NA	NA		
Summer	C-GLYF	306	SCHED	06/17/2021 11:39:22	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	306	DEPARTURE	06/17/2021 11:41:25	1	59	221	267	065:01:34.20 N	096:04:50.99 W
Summer	C-GLYF	306	SCHED	06/17/2021 11:44:33	2	129	628	194	064:56:48.00 N	096:07:46.79 W
Summer	C-GLYF	306	SCHED	06/17/2021 11:46:44	3	135	596	193	064:51:18.00 N	096:10:45.00 W
Summer	C-GLYF	306	SCHED	06/17/2021 11:48:58	4	126	618	195	064:46:42.59 N	096:13:13.80 W
Summer	C-GLYF	306	SCHED	06/17/2021 11:51:22	5	135	533	193	064:42:00.59 N	096:15:49.79 W
Summer	C-GLYF	306	SCHED	06/17/2021 11:53:58	6	52	169	103	064:37:10.20 N	096:18:52.80 W
Summer	C-GLYF	306	ARRIVAL	06/17/2021 11:54:50	1	0	97	138	064:37:15.59 N	096:18:31.20 W
Summer	C-GLYF	306	XML_FLIGHT_SUMMARY	06/17/2021 11:54:51	0	0	0	0		
Summer	C-GLYF	307	DEPARTURE	06/17/2021 11:56:13	2	67	146	353	064:37:30.60 N	096:18:28.80 W
Summer	C-GLYF	307	SCHED	06/17/2021 11:58:28	7	0	122	158	064:39:24.00 N	096:19:24.00 W
Summer	C-GLYF	307	ARRIVAL	06/17/2021 11:59:02	2	0	121	158	064:39:24.00 N	096:19:24.00 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:01:11	8	0	119	158	064:39:24.00 N	096:19:24.00 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:03:20	9	5	162	203	064:39:23.39 N	096:19:25.20 W
Summer	C-GLYF	307	DEPARTURE	06/17/2021 12:04:36	3	65	212	167	064:39:13.80 N	096:18:58.79 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:06:49	10	0	135	58	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:09:01	11	40	211	11	064:39:16.80 N	096:19:28.80 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:11:28	12	100	293	187	064:38:10.80 N	096:18:43.20 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:13:37	13	88	241	341	064:38:17.39 N	096:18:59.40 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:15:46	14	0	157	53	064:39:22.80 N	096:19:22.19 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:17:55	15	68	238	153	064:39:16.80 N	096:18:43.20 W
Summer	C-GLYF	307	SCHED	06/17/2021 12:20:03	16	4	145	55	064:37:16.19 N	096:18:30.00 W
Summer	C-GLYF	307	XML_FLIGHT_SUMMARY	06/17/2021 12:23:06	0	0	0	0		
Summer	C-GLYF	308	POWER_ON	06/17/2021 12:23:05	NA	NA	NA	NA		
Summer	C-GLYF	308	SCHED	06/17/2021 12:24:31	1	10	159	51	064:39:22.19 N	096:19:24.00 W
Summer	C-GLYF	308	DEPARTURE	06/17/2021 12:24:40	1	60	235	346	064:39:05.40 N	096:19:26.99 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:26:47	2	0	135	83	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:29:02	3	85	253	338	064:38:30.00 N	096:19:05.40 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:31:13	4	86	246	178	064:39:01.19 N	096:18:48.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:33:27	5	69	163	347	064:37:28.80 N	096:18:33.59 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:35:39	6	1	158	47	064:39:22.19 N	096:19:22.19 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:37:58	7	33	172	107	064:37:15.00 N	096:18:42.60 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:40:06	8	1	143	79	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:42:13	9	49	287	355	064:39:09.00 N	096:19:34.79 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:44:26	10	76	271	179	064:38:47.39 N	096:18:46.79 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:46:33	11	0	139	55	064:37:16.19 N	096:18:28.80 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:48:44	12	8	163	20	064:39:21.60 N	096:19:26.39 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:50:51	13	74	253	184	064:37:32.39 N	096:18:53.40 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:53:02	14	85	242	343	064:38:24.60 N	096:19:00.60 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:55:13	15	80	256	185	064:38:52.79 N	096:18:56.40 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:57:21	16	44	145	343	064:37:20.39 N	096:18:31.20 W
Summer	C-GLYF	308	SCHED	06/17/2021 12:59:28	17	0	159	37	064:39:23.39 N	096:19:26.99 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:01:36	18	60	309	184	064:38:19.80 N	096:18:45.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:03:52	19	0	146	83	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:06:00	20	22	187	28	064:39:20.99 N	096:19:25.80 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:08:09	21	95	256	186	064:37:53.40 N	096:18:54.59 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:10:18	22	84	200	345	064:37:49.20 N	096:18:41.99 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:12:24	23	1	158	60	064:39:23.39 N	096:19:25.80 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:14:31	24	42	175	95	064:37:13.20 N	096:18:45.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:16:38	25	71	244	351	064:39:00.00 N	096:19:33.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:19:30	26	44	191	117	064:39:25.80 N	096:19:08.99 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:21:37	27	16	145	78	064:37:13.80 N	096:18:33.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:23:44	28	78	244	333	064:38:49.79 N	096:19:16.20 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:25:52	29	97	264	181	064:38:18.59 N	096:18:48.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:28:16	30	80	212	349	064:37:47.40 N	096:18:41.99 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:30:24	31	82	219	181	064:39:06.00 N	096:18:55.80 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:32:32	32	1	143	60	064:37:16.80 N	096:18:30.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:34:43	33	84	303	343	064:38:47.99 N	096:19:24.59 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:36:48	34	89	253	179	064:38:43.80 N	096:18:44.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	308	SCHED	06/17/2021 13:38:55	35	67	183	351	064:37:28.80 N	096:18:33.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:41:01	36	0	160	48	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:43:12	37	50	247	186	064:37:34.79 N	096:18:48.00 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:45:32	38	83	273	343	064:38:26.39 N	096:19:05.40 W
Summer	C-GLYF	308	SCHED	06/17/2021 13:47:42	39	0	124	91	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	308	ARRIVAL	06/17/2021 13:48:05	1	0	124	91	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	308	XML_FLIGHT_SUMMARY	06/17/2021 13:48:06	0	0	0	0		
Summer	C-GLYF	309	POWER_ON	06/17/2021 14:07:08	NA	NA	NA	NA		
Summer	C-GLYF	309	SCHED	06/17/2021 14:07:48	1	0	123	0	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:09:56	2	0	156	306	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	309	DEPARTURE	06/17/2021 14:11:00	1	58	235	167	064:39:13.19 N	096:18:55.80 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:14:00	3	1	144	53	064:37:16.80 N	096:18:30.00 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:16:10	4	10	184	18	064:39:22.80 N	096:19:27.60 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:18:29	5	92	292	184	064:37:38.40 N	096:19:04.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:20:36	6	1	143	10	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:23:38	7	17	170	42	064:39:24.60 N	096:19:25.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:25:46	8	1	146	9	064:37:16.80 N	096:18:28.80 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:27:57	9	48	218	2	064:39:16.19 N	096:19:30.00 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:30:05	10	98	335	184	064:38:06.59 N	096:18:54.59 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:32:12	11	81	213	349	064:37:47.40 N	096:18:40.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:34:19	12	1	162	29	064:39:23.39 N	096:19:26.99 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:36:28	13	29	171	64	064:37:13.80 N	096:18:35.40 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:39:28	14	24	201	24	064:39:20.99 N	096:19:26.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:41:35	15	59	294	165	064:38:53.99 N	096:18:52.80 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:43:47	16	3	139	67	064:37:16.19 N	096:18:28.80 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:45:59	17	83	260	343	064:38:26.39 N	096:19:07.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:48:10	18	84	258	176	064:39:09.00 N	096:18:49.79 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:50:25	19	36	144	308	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:52:31	20	0	160	43	064:39:23.39 N	096:19:26.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:54:44	21	80	239	183	064:37:26.39 N	096:18:55.80 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:56:54	22	82	264	342	064:38:28.19 N	096:19:04.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 14:59:12	23	88	277	180	064:38:52.20 N	096:18:49.79 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:01:21	24	70	185	355	064:37:34.19 N	096:18:33.59 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:03:28	25	1	159	58	064:39:22.19 N	096:19:22.79 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:05:34	26	28	171	58	064:37:13.20 N	096:18:36.59 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:07:40	27	83	236	344	064:38:22.80 N	096:19:02.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:09:54	28	68	218	143	064:39:18.00 N	096:18:50.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:12:04	29	0	147	55	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:14:12	30	69	271	348	064:38:58.20 N	096:19:28.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:16:20	31	96	283	182	064:38:29.39 N	096:18:51.60 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:18:29	32	0	144	55	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:20:46	33	25	200	12	064:39:19.80 N	096:19:25.20 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:22:57	34	90	279	187	064:37:33.00 N	096:19:02.99 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:25:12	35	3	121	207	064:37:15.59 N	096:18:30.59 W
Summer	C-GLYF	309	SCHED	06/17/2021 15:27:28	36	9	132	60	064:39:25.80 N	096:19:25.80 W
Summer	C-GLYF	309	ARRIVAL	06/17/2021 15:28:21	1	0	125	106	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	309	XML_FLIGHT_SUMMARY	06/17/2021 15:28:22	0	0	0	0		
Summer	C-GLYF	310	POWER_ON	06/17/2021 16:01:58	NA	NA	NA	NA		
Summer	C-GLYF	310	SCHED	06/17/2021 16:02:35	1	0	126	148	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	310	DEPARTURE	06/17/2021 16:03:10	1	78	191	155	064:39:23.39 N	096:18:51.60 W
Summer	C-GLYF	310	SCHED	06/17/2021 16:06:03	2	0	103	40	064:37:15.59 N	096:18:31.80 W
Summer	C-GLYF	310	ARRIVAL	06/17/2021 16:06:27	1	0	104	40	064:37:16.19 N	096:18:31.20 W
Summer	C-GLYF	310	POWER_ON	06/17/2021 18:48:28	NA	NA	NA	NA		
Summer	C-GLYF	310	SCHED	06/17/2021 18:49:34	1	14	114	13	064:37:16.80 N	096:18:32.39 W
Summer	C-GLYF	310	DEPARTURE	06/17/2021 18:49:58	1	64	142	352	064:37:33.60 N	096:18:29.39 W
Summer	C-GLYF	310	SCHED	06/17/2021 18:52:11	2	0	142	62	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	310	ARRIVAL	06/17/2021 18:52:32	1	0	142	62	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	310	DEPARTURE	06/17/2021 18:53:37	2	79	195	185	064:39:18.00 N	096:19:48.00 W
Summer	C-GLYF	310	SCHED	06/17/2021 18:55:48	3	0	104	78	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	310	ARRIVAL	06/17/2021 18:56:13	2	0	104	78	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	310	SCHED	06/17/2021 18:58:23	4	4	136	318	064:37:16.19 N	096:18:30.59 W
Summer	C-GLYF	310	SCHED	06/17/2021 19:00:32	5	0	140	59	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	310	DEPARTURE	06/17/2021 19:02:24	3	39	159	157	064:37:10.20 N	096:18:48.00 W
Summer	C-GLYF	310	SCHED	06/17/2021 19:04:36	6	29	164	302	064:37:19.20 N	096:18:32.39 W
Summer	C-GLYF	310	SCHED	06/17/2021 19:06:44	7	6	140	232	064:37:15.00 N	096:18:28.20 W
Summer	C-GLYF	310	SCHED	06/17/2021 19:08:53	8	8	135	37	064:37:11.40 N	096:18:34.79 W
Summer	C-GLYF	310	SCHED	06/17/2021 19:11:01	9	2	133	22	064:37:15.00 N	096:18:27.00 W
Summer	C-GLYF	310	SCHED	06/17/2021 19:14:05	10	0	102	308	064:37:15.59 N	096:18:31.20 W
Summer	C-GLYF	310	ARRIVAL	06/17/2021 19:14:12	3	0	102	308	064:37:15.59 N	096:18:31.20 W
Summer	C-GLYF	310	POWER_ON	06/17/2021 19:56:56	NA	NA	NA	NA		
Summer	C-GLYF	310	SCHED	06/17/2021 19:57:37	1	0	107	219	064:37:15.59 N	096:18:31.80 W
Summer	C-GLYF	310	DEPARTURE	06/17/2021 19:58:11	1	71	148	355	064:37:33.00 N	096:18:27.60 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:00:21	2	80	219	339	064:39:00.00 N	096:19:11.99 W
Summer	C-GLYF	310	ARRIVAL	06/17/2021 20:01:54	1	0	119	130	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	310	POWER_ON	06/17/2021 20:17:10	NA	NA	NA	NA		
Summer	C-GLYF	310	SCHED	06/17/2021 20:17:47	1	0	124	335	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:20:04	2	26	166	54	064:39:25.19 N	096:19:20.40 W
Summer	C-GLYF	310	DEPARTURE	06/17/2021 20:20:28	1	61	212	149	064:39:19.19 N	096:18:53.40 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:22:36	3	8	152	286	064:37:11.40 N	096:18:47.39 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:24:43	4	85	278	348	064:38:57.00 N	096:19:16.20 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:26:56	5	85	285	176	064:38:45.60 N	096:18:34.19 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:29:08	6	49	158	4	064:37:18.59 N	096:18:46.79 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:31:18	7	1	158	34	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:33:29	8	73	275	179	064:37:47.99 N	096:18:15.00 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:35:37	9	77	230	350	064:37:50.99 N	096:18:45.60 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:37:51	10	0	160	4	064:39:22.80 N	096:19:22.19 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:39:58	11	63	300	180	064:37:48.59 N	096:18:14.39 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:42:06	12	0	142	306	064:37:12.00 N	096:18:47.39 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:44:15	13	70	239	350	064:39:00.00 N	096:19:13.79 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:46:25	14	80	356	174	064:38:52.79 N	096:18:08.40 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:48:33	15	2	141	317	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:50:44	16	60	328	113	064:37:32.39 N	096:17:46.19 W
Summer	C-GLYF	310	SCHED	06/17/2021 20:52:50	17	4	124	133	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	310	ARRIVAL	06/17/2021 20:53:50	1	0	115	46	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	310	XML_FLIGHT_SUMMARY	06/17/2021 20:53:51	0	0	0	0		
Summer	C-GLYF	311	POWER_ON	06/17/2021 21:05:54	NA	NA	NA	NA		
Summer	C-GLYF	311	SCHED	06/17/2021 21:06:34	1	0	107	354	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	311	DEPARTURE	06/17/2021 21:08:09	1	67	157	358	064:37:29.39 N	096:19:00.60 W
Summer	C-GLYF	311	SCHED	06/17/2021 21:10:16	2	104	482	17	064:40:52.20 N	096:17:31.20 W
Summer	C-GLYF	311	SCHED	06/17/2021 21:12:27	3	112	635	15	064:44:28.20 N	096:15:06.60 W
Summer	C-GLYF	311	SCHED	06/17/2021 21:14:39	4	106	608	16	064:48:16.79 N	096:12:38.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	311	SCHED	06/17/2021 21:16:46	5	108	617	13	064:52:07.79 N	096:10:14.39 W
Summer	C-GLYF	311	SCHED	06/17/2021 21:18:54	6	108	638	16	064:55:47.39 N	096:07:53.40 W
Summer	C-GLYF	311	SCHED	06/17/2021 21:21:04	7	114	473	16	064:59:36.00 N	096:05:37.80 W
Summer	C-GLYF	311	SCHED	06/17/2021 21:23:18	8	0	142	271	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	311	ARRIVAL	06/17/2021 21:23:50	1	0	142	271	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	311	XML_FLIGHT_SUMMARY	06/17/2021 21:23:51	0	0	0	0		
Summer	C-GLYF	312	POWER_ON	06/17/2021 23:02:37	NA	NA	NA	NA		
Summer	C-GLYF	312	SCHED	06/17/2021 23:03:50	1	0	226	206	065:01:25.20 N	096:04:16.20 W
Summer	C-GLYF	312	DEPARTURE	06/17/2021 23:04:13	1	61	249	207	065:01:25.79 N	096:04:41.39 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:06:21	2	113	557	195	064:57:48.59 N	096:07:01.79 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:08:30	3	122	633	192	064:53:45.60 N	096:09:20.40 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:10:41	4	123	641	194	064:49:30.00 N	096:11:43.20 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:12:50	5	126	606	192	064:45:06.60 N	096:14:16.79 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:14:59	6	131	500	191	064:40:40.20 N	096:16:27.00 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:17:09	7	6	108	28	064:37:15.59 N	096:18:33.00 W
Summer	C-GLYF	312	ARRIVAL	06/17/2021 23:18:02	1	0	103	73	064:37:15.59 N	096:18:31.80 W
Summer	C-GLYF	312	XML_FLIGHT_SUMMARY	06/17/2021 23:18:03	0	0	0	0		
Summer	C-GLYF	312	SCHED	06/17/2021 23:20:09	8	0	103	73	064:37:15.59 N	096:18:31.80 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:22:20	9	0	103	73	064:37:15.59 N	096:18:31.80 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:24:39	10	0	103	73	064:37:16.19 N	096:18:31.20 W
Summer	C-GLYF	312	SCHED	06/17/2021 23:26:47	11	24	106	23	064:37:17.39 N	096:18:30.59 W
Summer	C-GLYF	313	DEPARTURE	06/17/2021 23:27:05	2	71	148	8	064:37:34.19 N	096:18:24.00 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:29:16	12	101	510	13	064:40:43.20 N	096:16:42.60 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:31:24	13	108	604	14	064:44:20.99 N	096:14:34.20 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:33:31	14	104	618	13	064:47:56.40 N	096:12:26.40 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:35:37	15	104	632	14	064:51:31.19 N	096:10:25.20 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:37:45	16	108	603	14	064:55:07.80 N	096:08:13.20 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:39:54	17	107	544	15	064:58:50.39 N	096:06:06.00 W
Summer	C-GLYF	313	SCHED	06/17/2021 23:42:03	18	2	143	48	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	313	ARRIVAL	06/17/2021 23:42:57	2	0	137	48	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	313	XML_FLIGHT_SUMMARY	06/17/2021 23:42:58	0	0	0	0		
Summer	C-GLYF	314	POWER_ON	06/18/2021 11:16:38	NA	NA	NA	NA		
Summer	C-GLYF	314	SCHED	06/18/2021 11:17:25	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	314	SCHED	06/18/2021 11:19:33	2	0	146	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	314	DEPARTURE	06/18/2021 11:20:53	1	67	222	234	065:01:29.39 N	096:04:53.40 W
Summer	C-GLYF	314	SCHED	06/18/2021 11:23:03	3	124	252	193	064:57:32.99 N	096:07:00.60 W
Summer	C-GLYF	314	SCHED	06/18/2021 11:26:02	4	126	224	200	064:51:58.20 N	096:10:12.59 W
Summer	C-GLYF	314	SCHED	06/18/2021 11:28:24	5	134	251	186	064:47:06.60 N	096:14:17.39 W
Summer	C-GLYF	314	SCHED	06/18/2021 11:30:35	6	131	211	198	064:41:58.20 N	096:16:47.39 W
Summer	C-GLYF	314	SCHED	06/18/2021 11:32:45	7	93	194	186	064:37:26.39 N	096:17:57.60 W
Summer	C-GLYF	314	ARRIVAL	06/18/2021 11:34:20	1	0	103	29	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	314	XML_FLIGHT_SUMMARY	06/18/2021 11:34:21	0	0	0	0		
Summer	C-GLYF	315	POWER_ON	06/18/2021 11:41:13	NA	NA	NA	NA		
Summer	C-GLYF	315	SCHED	06/18/2021 11:41:50	1	0	106	0	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	315	DEPARTURE	06/18/2021 11:43:55	1	50	206	1	064:37:33.00 N	096:18:34.79 W
Summer	C-GLYF	315	SCHED	06/18/2021 11:46:03	2	31	211	350	064:39:15.00 N	096:19:24.00 W
Summer	C-GLYF	315	SCHED	06/18/2021 11:48:12	3	5	155	11	064:39:24.00 N	096:19:26.39 W
Summer	C-GLYF	315	ARRIVAL	06/18/2021 11:50:00	1	0	122	122	064:39:24.00 N	096:19:25.20 W
Summer	C-GLYF	315	SCHED	06/18/2021 11:52:08	4	0	120	122	064:39:24.00 N	096:19:25.20 W
Summer	C-GLYF	315	DEPARTURE	06/18/2021 11:53:59	2	78	199	187	064:39:18.60 N	096:19:58.79 W
Summer	C-GLYF	315	SCHED	06/18/2021 11:56:12	5	0	104	58	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	315	ARRIVAL	06/18/2021 11:56:38	2	0	103	58	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	315	DEPARTURE	06/18/2021 11:58:30	3	59	145	10	064:37:31.80 N	096:18:25.20 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:00:38	6	90	340	22	064:40:24.00 N	096:16:43.80 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:02:48	7	82	334	13	064:43:25.79 N	096:14:58.80 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:04:58	8	88	348	14	064:46:26.40 N	096:13:19.19 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:07:09	9	88	364	15	064:49:30.59 N	096:11:29.40 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:09:17	10	88	397	15	064:52:37.19 N	096:09:34.79 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:11:24	11	86	419	15	064:55:34.19 N	096:07:45.00 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:13:35	12	94	440	22	064:58:30.60 N	096:05:26.39 W
Summer	C-GLYF	315	SCHED	06/18/2021 12:15:45	13	39	177	293	065:01:25.20 N	096:03:58.19 W
Summer	C-GLYF	315	ARRIVAL	06/18/2021 12:16:56	3	0	136	291	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	315	XML_FLIGHT_SUMMARY	06/18/2021 12:16:57	0	0	0	0		
Summer	C-GLYF	316	POWER_ON	06/18/2021 12:43:58	NA	NA	NA	NA		
Summer	C-GLYF	316	SCHED	06/18/2021 12:44:36	1	0	141	271	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	316	SCHED	06/18/2021 12:46:45	2	0	135	339	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	316	POWER_ON	06/18/2021 15:34:26	NA	NA	NA	NA		
Summer	C-GLYF	316	SCHED	06/18/2021 15:36:16	1	63	195	181	065:01:16.79 N	096:04:48.60 W
Summer	C-GLYF	316	DEPARTURE	06/18/2021 15:36:27	1	61	185	193	065:01:20.40 N	096:04:47.40 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:38:42	2	21	185	360	065:00:42.59 N	096:02:41.99 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:40:48	3	55	202	308	065:00:46.80 N	096:02:28.79 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:42:56	4	79	285	2	065:01:34.20 N	096:02:19.20 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:46:35	5	69	298	123	065:01:49.80 N	096:05:30.59 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:48:46	6	71	270	8	065:03:37.19 N	095:59:21.59 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:51:02	7	70	295	200	065:05:02.99 N	096:01:06.60 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:53:13	8	59	258	312	065:04:54.60 N	096:01:11.99 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:55:23	9	50	226	320	065:06:06.59 N	096:04:28.20 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:57:33	10	59	217	357	065:07:50.40 N	096:06:20.40 W
Summer	C-GLYF	316	SCHED	06/18/2021 15:59:39	11	55	203	317	065:09:37.80 N	096:07:50.40 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:01:47	12	42	240	30	065:11:26.40 N	096:08:55.79 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:06:20	13	75	247	281	065:13:41.40 N	096:16:26.40 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:08:28	14	79	294	285	065:13:41.40 N	096:23:53.99 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:10:35	15	57	237	320	065:14:00.60 N	096:27:44.39 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:12:49	16	90	312	52	065:15:53.39 N	096:26:15.60 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:14:56	17	67	277	360	065:18:11.99 N	096:24:28.19 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:17:07	18	69	290	280	065:19:31.80 N	096:28:26.40 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:19:15	19	68	320	311	065:20:54.59 N	096:32:58.79 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:21:27	20	62	265	360	065:22:41.99 N	096:35:57.60 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:24:19	21	52	251	7	065:24:35.40 N	096:39:23.39 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:26:38	22	57	262	218	065:24:51.59 N	096:42:02.39 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:28:47	23	55	253	103	065:24:11.39 N	096:43:55.20 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:30:56	24	43	248	36	065:22:49.79 N	096:44:34.20 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:33:14	25	60	258	319	065:24:32.40 N	096:46:36.00 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:35:23	26	52	268	69	065:23:42.60 N	096:41:37.80 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:37:35	27	110	347	141	065:23:55.20 N	096:37:50.40 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:39:46	28	128	502	149	065:19:55.79 N	096:31:51.60 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:41:53	29	129	602	147	065:16:01.80 N	096:26:04.79 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:44:02	30	126	692	146	065:12:11.99 N	096:20:24.00 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:46:08	31	128	610	145	065:08:25.20 N	096:14:22.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	316	SCHED	06/18/2021 16:48:22	32	128	447	145	065:04:45.60 N	096:08:21.00 W
Summer	C-GLYF	316	SCHED	06/18/2021 16:51:22	33	8	157	268	065:01:27.60 N	096:04:15.60 W
Summer	C-GLYF	316	ARRIVAL	06/18/2021 16:52:07	1	0	141	234	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	316	XML_FLIGHT_SUMMARY	06/18/2021 16:52:08	0	0	0	0		
Summer	C-GLYF	317	POWER_ON	06/18/2021 22:59:06	NA	NA	NA	NA		
Summer	C-GLYF	317	SCHED	06/18/2021 23:00:01	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	317	DEPARTURE	06/18/2021 23:00:56	1	62	180	255	065:01:32.39 N	096:04:53.99 W
Summer	C-GLYF	317	SCHED	06/18/2021 23:03:06	2	116	-56	192	064:57:53.39 N	096:06:46.19 W
Summer	C-GLYF	317	SCHED	06/18/2021 23:05:21	3	119	635	192	064:53:47.39 N	096:09:21.60 W
Summer	C-GLYF	317	SCHED	06/18/2021 23:07:30	4	120	608	193	064:49:26.40 N	096:11:42.60 W
Summer	C-GLYF	317	SCHED	06/18/2021 23:09:37	5	120	607	193	064:45:13.80 N	096:14:02.39 W
Summer	C-GLYF	317	SCHED	06/18/2021 23:13:18	6	121	339	188	064:38:43.20 N	096:16:54.59 W
Summer	C-GLYF	317	ARRIVAL	06/18/2021 23:15:17	1	0	103	41	064:37:16.19 N	096:18:31.20 W
Summer	C-GLYF	317	XML_FLIGHT_SUMMARY	06/18/2021 23:15:18	0	0	0	0		
Summer	C-GLYF	318	POWER_ON	06/18/2021 23:34:35	NA	NA	NA	NA		
Summer	C-GLYF	318	SCHED	06/18/2021 23:35:28	1	0	96	0	064:37:15.59 N	096:18:31.20 W
Summer	C-GLYF	318	DEPARTURE	06/18/2021 23:36:10	1	56	162	24	064:37:30.00 N	096:18:40.80 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:38:19	2	84	482	12	064:39:54.00 N	096:17:20.40 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:40:28	3	88	509	14	064:42:58.19 N	096:15:36.59 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:42:34	4	86	624	15	064:45:55.20 N	096:13:48.00 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:44:47	5	92	581	15	064:49:02.40 N	096:11:51.59 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:46:57	6	88	571	18	064:52:12.59 N	096:09:43.79 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:49:04	7	90	623	21	064:55:16.80 N	096:07:15.59 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:51:13	8	98	554	19	064:58:20.99 N	096:04:25.80 W
Summer	C-GLYF	318	SCHED	06/18/2021 23:53:26	9	52	202	308	065:01:17.99 N	096:03:28.80 W
Summer	C-GLYF	318	ARRIVAL	06/18/2021 23:55:00	1	0	138	108	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	318	XML_FLIGHT_SUMMARY	06/18/2021 23:55:01	0	0	0	0		
Summer	C-GLYF	319	POWER_ON	06/19/2021 11:16:45	NA	NA	NA	NA		
Summer	C-GLYF	319	SCHED	06/19/2021 11:19:38	1	43	175	307	065:01:31.19 N	096:04:30.00 W
Summer	C-GLYF	319	DEPARTURE	06/19/2021 11:20:40	1	59	222	258	065:01:33.00 N	096:04:50.40 W
Summer	C-GLYF	319	SCHED	06/19/2021 11:22:51	2	128	353	191	064:54:57.00 N	096:08:39.59 W
Summer	C-GLYF	319	SCHED	06/19/2021 11:25:41	3	129	338	195	064:49:22.79 N	096:11:54.59 W
Summer	C-GLYF	319	SCHED	06/19/2021 11:27:57	4	128	296	192	064:44:31.20 N	096:14:24.59 W
Summer	C-GLYF	319	SCHED	06/19/2021 11:31:40	5	45	126	255	064:37:14.39 N	096:18:21.59 W
Summer	C-GLYF	319	ARRIVAL	06/19/2021 11:33:35	1	0	104	72	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	319	XML_FLIGHT_SUMMARY	06/19/2021 11:33:36	0	0	0	0		
Summer	C-GLYF	319	SCHED	06/19/2021 11:35:45	6	0	104	72	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	320	DEPARTURE	06/19/2021 11:36:59	2	66	163	10	064:37:33.00 N	096:18:34.19 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:39:11	7	96	281	10	064:40:41.40 N	096:16:55.20 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:41:25	8	97	271	13	064:44:08.39 N	096:14:51.00 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:43:41	9	100	246	16	064:47:37.80 N	096:12:41.40 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:45:52	10	95	214	16	064:51:10.79 N	096:10:40.80 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:49:31	11	99	292	15	064:56:48.00 N	096:07:00.60 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:51:39	12	76	239	7	064:59:57.60 N	096:04:51.60 W
Summer	C-GLYF	320	SCHED	06/19/2021 11:53:52	13	0	140	273	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	320	ARRIVAL	06/19/2021 11:54:26	2	0	140	273	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	320	XML_FLIGHT_SUMMARY	06/19/2021 11:54:27	0	0	0	0		
Summer	C-GLYF	321	POWER_ON	06/19/2021 12:19:01	NA	NA	NA	NA		
Summer	C-GLYF	321	SCHED	06/19/2021 12:19:41	1	0	138	299	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	321	DEPARTURE	06/19/2021 12:20:41	1	81	215	230	065:01:28.79 N	096:04:45.00 W
Summer	C-GLYF	321	SCHED	06/19/2021 12:22:51	2	132	264	192	064:57:00.00 N	096:07:10.20 W
Summer	C-GLYF	321	SCHED	06/19/2021 12:26:45	3	132	274	194	064:48:56.40 N	096:11:52.79 W
Summer	C-GLYF	321	SCHED	06/19/2021 12:28:55	4	135	231	193	064:44:02.39 N	096:14:28.20 W
Summer	C-GLYF	321	SCHED	06/19/2021 12:31:02	5	132	272	187	064:39:37.19 N	096:17:25.79 W
Summer	C-GLYF	321	SCHED	06/19/2021 12:33:08	6	0	97	55	064:37:16.19 N	096:18:32.39 W
Summer	C-GLYF	321	ARRIVAL	06/19/2021 12:33:32	1	0	97	55	064:37:16.19 N	096:18:32.39 W
Summer	C-GLYF	321	XML_FLIGHT_SUMMARY	06/19/2021 12:33:33	0	0	0	0		
Summer	C-GLYF	322	POWER_ON	06/19/2021 12:53:07	NA	NA	NA	NA		
Summer	C-GLYF	322	SCHED	06/19/2021 12:53:46	1	0	94	157	064:37:16.19 N	096:18:32.39 W
Summer	C-GLYF	322	DEPARTURE	06/19/2021 12:55:46	1	65	151	357	064:37:32.39 N	096:18:33.59 W
Summer	C-GLYF	322	SCHED	06/19/2021 12:57:59	2	0	118	87	064:39:23.39 N	096:19:24.00 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:00:06	3	26	125	4	064:37:13.20 N	096:18:34.79 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:02:15	4	23	144	348	064:37:18.00 N	096:18:30.59 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:04:25	5	32	191	5	064:39:17.39 N	096:19:25.20 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:06:32	6	69	197	219	064:39:21.60 N	096:19:52.19 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:08:39	7	0	137	7	064:37:16.19 N	096:18:28.80 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:10:46	8	72	237	346	064:38:41.40 N	096:19:09.59 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:13:04	9	1	154	310	064:39:23.39 N	096:19:26.39 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:16:51	10	58	173	357	064:37:37.19 N	096:18:31.80 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:18:58	11	1	157	43	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:21:05	12	2	111	330	064:37:16.19 N	096:18:32.39 W
Summer	C-GLYF	322	SCHED	06/19/2021 13:23:18	13	20	135	9	064:39:21.60 N	096:19:25.20 W
Summer	C-GLYF	322	ARRIVAL	06/19/2021 13:24:13	1	0	119	62	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	322	XML_FLIGHT_SUMMARY	06/19/2021 13:24:14	0	0	0	0		
Summer	C-GLYF	323	DEPARTURE	06/19/2021 13:24:41	2	86	188	199	064:39:18.60 N	096:20:00.60 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:26:48	14	0	93	82	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	323	ARRIVAL	06/19/2021 13:27:11	2	0	93	82	064:37:16.19 N	096:18:31.80 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:29:22	15	1	132	187	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	323	DEPARTURE	06/19/2021 13:31:17	3	46	204	180	064:37:12.59 N	096:18:59.40 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:34:08	16	20	152	68	064:37:12.00 N	096:18:43.80 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:36:18	17	0	136	322	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:38:27	18	29	151	65	064:37:12.59 N	096:18:40.80 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:40:41	19	6	137	45	064:37:12.00 N	096:18:48.60 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:43:01	20	3	137	70	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:45:12	21	3	150	322	064:37:11.40 N	096:18:47.39 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:47:22	22	0	142	74	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:49:31	23	0	139	305	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:51:40	24	18	155	224	064:37:12.59 N	096:18:40.20 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:53:48	25	10	145	63	064:37:16.19 N	096:18:30.59 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:55:55	26	14	143	72	064:37:12.00 N	096:18:46.79 W
Summer	C-GLYF	323	SCHED	06/19/2021 13:58:02	27	5	157	304	064:37:11.40 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 14:01:02	28	0	145	315	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 14:03:12	29	17	155	250	064:37:11.40 N	096:18:44.39 W
Summer	C-GLYF	323	SCHED	06/19/2021 14:05:22	30	0	146	315	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 14:07:31	31	0	146	294	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	323	SCHED	06/19/2021 14:09:49	32	52	230	358	064:39:10.80 N	096:19:31.20 W
Summer	C-GLYF	323	SCHED	06/19/2021 14:11:58	33	0	131	58	064:39:25.19 N	096:19:24.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	323	ARRIVAL	06/19/2021 14:12:08	3	0	131	58	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	323	XML_FLIGHT_SUMMARY	06/19/2021 14:12:09	0	0	0	0		
Summer	C-GLYF	324	POWER_ON	06/19/2021 14:25:18	NA	NA	NA	NA		
Summer	C-GLYF	324	SCHED	06/19/2021 14:25:49	1	0	128	0	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	324	DEPARTURE	06/19/2021 14:27:23	1	96	213	182	064:39:13.19 N	096:19:55.20 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:29:30	2	4	144	342	064:37:16.80 N	096:18:30.00 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:31:39	3	23	144	59	064:37:12.00 N	096:18:45.60 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:33:46	4	15	150	60	064:37:15.59 N	096:18:33.00 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:36:09	5	8	144	51	064:37:16.19 N	096:18:30.59 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:38:18	6	27	162	218	064:37:13.80 N	096:18:37.19 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:40:26	7	9	145	283	064:37:16.80 N	096:18:28.80 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:42:34	8	1	137	49	064:37:16.80 N	096:18:28.20 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:44:59	9	1	139	51	064:37:16.80 N	096:18:30.00 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:47:05	10	16	152	230	064:37:16.19 N	096:18:32.39 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:49:13	11	0	136	60	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:51:21	12	6	147	69	064:37:16.80 N	096:18:30.00 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:54:28	13	2	141	74	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:56:37	14	0	139	74	064:37:16.80 N	096:18:29.39 W
Summer	C-GLYF	324	SCHED	06/19/2021 14:58:45	15	4	149	51	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	324	SCHED	06/19/2021 15:00:51	16	40	209	358	064:37:06.00 N	096:18:57.60 W
Summer	C-GLYF	324	SCHED	06/19/2021 15:03:15	17	0	111	71	064:37:17.39 N	096:18:26.39 W
Summer	C-GLYF	324	ARRIVAL	06/19/2021 15:03:21	1	0	109	71	064:37:17.39 N	096:18:26.39 W
Summer	C-GLYF	324	XML_FLIGHT_SUMMARY	06/19/2021 15:03:22	0	0	0	0		
Summer	C-GLYF	324	SCHED	06/19/2021 15:05:36	18	0	106	35	064:37:31.19 N	096:17:52.19 W
Summer	C-GLYF	325	DEPARTURE	06/19/2021 15:06:43	2	94	171	206	064:37:30.00 N	096:18:29.39 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:08:50	19	1	129	226	064:37:15.59 N	096:18:27.60 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:10:57	20	32	164	46	064:37:25.20 N	096:18:04.79 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:13:04	21	27	151	52	064:37:18.00 N	096:18:24.59 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:15:13	22	0	138	348	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:17:25	23	6	135	349	064:37:16.19 N	096:18:29.39 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:19:38	24	11	147	333	064:37:15.00 N	096:18:29.39 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:21:48	25	40	159	230	064:37:28.80 N	096:17:58.19 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:24:00	26	2	143	56	064:37:30.00 N	096:17:51.60 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:26:06	27	13	156	290	064:37:10.79 N	096:18:45.00 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:28:13	28	0	137	2	064:37:30.00 N	096:17:52.19 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:30:20	29	30	144	272	064:37:30.60 N	096:17:55.80 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:32:30	30	3	127	260	064:37:11.40 N	096:18:49.79 W
Summer	C-GLYF	325	SCHED	06/19/2021 15:34:39	31	34	149	14	064:39:20.99 N	096:19:30.00 W
Summer	C-GLYF	325	ARRIVAL	06/19/2021 15:35:46	2	0	121	20	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	325	XML_FLIGHT_SUMMARY	06/19/2021 15:35:47	0	0	0	0		
Summer	C-GLYF	326	POWER_ON	06/19/2021 16:51:50	NA	NA	NA	NA		
Summer	C-GLYF	326	POWER_ON	06/19/2021 17:07:58	NA	NA	NA	NA		
Summer	C-GLYF	326	SCHED	06/19/2021 17:08:45	1	0	126	0	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	326	DEPARTURE	06/19/2021 17:09:24	1	72	187	188	064:39:19.19 N	096:19:54.59 W
Summer	C-GLYF	326	SCHED	06/19/2021 17:11:40	2	0	108	75	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	326	ARRIVAL	06/19/2021 17:12:14	1	0	108	75	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	326	SCHED	06/19/2021 17:14:21	3	4	128	127	064:37:11.40 N	096:18:49.19 W
Summer	C-GLYF	326	SCHED	06/19/2021 17:16:28	4	0	148	305	064:37:12.00 N	096:18:47.39 W
Summer	C-GLYF	326	SCHED	06/19/2021 17:18:38	5	0	107	230	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	326	POWER_ON	06/19/2021 17:30:19	NA	NA	NA	NA		
Summer	C-GLYF	326	SCHED	06/19/2021 17:30:57	1	0	102	0	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	326	SCHED	06/19/2021 17:33:05	2	0	102	93	064:37:16.19 N	096:18:31.20 W
Summer	C-GLYF	326	DEPARTURE	06/19/2021 17:34:01	1	67	148	351	064:37:32.39 N	096:18:31.20 W
Summer	C-GLYF	326	SCHED	06/19/2021 17:36:08	3	0	127	95	064:39:24.00 N	096:19:23.40 W
Summer	C-GLYF	326	ARRIVAL	06/19/2021 17:36:40	1	0	127	95	064:39:24.00 N	096:19:23.40 W
Summer	C-GLYF	326	POWER_ON	06/19/2021 18:07:44	NA	NA	NA	NA		
Summer	C-GLYF	326	SCHED	06/19/2021 18:09:14	1	3	150	41	064:39:24.60 N	096:19:23.40 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:11:27	2	0	171	62	064:39:21.60 N	096:19:22.19 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:13:34	3	1	141	223	064:39:23.39 N	096:19:24.59 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:15:45	4	0	122	43	064:39:22.80 N	096:19:24.59 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:18:00	5	0	112	43	064:39:22.80 N	096:19:24.59 W
Summer	C-GLYF	326	DEPARTURE	06/19/2021 18:18:36	1	70	140	325	064:39:37.19 N	096:19:50.99 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:20:42	6	91	395	19	064:42:31.79 N	096:18:26.39 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:22:50	7	87	478	20	064:45:28.79 N	096:15:55.80 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:25:00	8	95	484	18	064:48:30.00 N	096:13:42.00 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:28:02	9	91	497	20	064:52:20.39 N	096:10:46.20 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:30:10	10	90	526	21	064:55:53.39 N	096:07:47.99 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:32:19	11	102	484	25	064:59:02.39 N	096:04:48.00 W
Summer	C-GLYF	326	SCHED	06/19/2021 18:35:14	12	0	140	271	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	326	ARRIVAL	06/19/2021 18:35:31	1	0	140	271	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	326	XML_FLIGHT_SUMMARY	06/19/2021 18:35:32	0	0	0	0		
Summer	C-GLYF	327	POWER_ON	06/19/2021 18:45:30	NA	NA	NA	NA		
Summer	C-GLYF	327	POWER_ON	06/19/2021 18:46:08	NA	NA	NA	NA		
Summer	C-GLYF	327	SCHED	06/19/2021 18:46:45	1	0	135	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	327	DEPARTURE	06/19/2021 18:48:46	1	64	183	314	065:01:36.59 N	096:04:41.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 18:50:54	2	18	145	81	065:01:26.40 N	096:04:20.40 W
Summer	C-GLYF	327	XML_OVERDUE_REPORT	06/19/2021 18:58:13	0	0	0	0		
Summer	C-GLYF	327	POWER_ON	06/19/2021 23:04:42	NA	NA	NA	NA		
Summer	C-GLYF	327	SCHED	06/19/2021 23:05:30	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	327	DEPARTURE	06/19/2021 23:06:22	1	102	270	192	065:01:05.99 N	096:05:13.20 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:08:31	2	135	574	190	064:56:30.60 N	096:07:34.19 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:10:40	3	140	636	192	064:51:40.19 N	096:10:06.59 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:12:47	4	140	630	191	064:46:46.19 N	096:12:28.79 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:15:12	5	143	510	194	064:41:48.59 N	096:15:10.20 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:17:27	6	40	123	346	064:37:06.59 N	096:18:53.99 W
Summer	C-GLYF	327	ARRIVAL	06/19/2021 23:18:35	1	0	99	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	XML_FLIGHT_SUMMARY	06/19/2021 23:18:36	0	0	0	0		
Summer	C-GLYF	327	SCHED	06/19/2021 23:20:45	7	0	97	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:23:06	8	0	98	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:25:22	9	0	97	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:27:31	10	0	98	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:29:41	11	0	98	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:31:50	12	0	98	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	327	SCHED	06/19/2021 23:33:57	13	0	98	79	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	328	DEPARTURE	06/19/2021 23:35:28	2	60	148	18	064:37:27.60 N	096:18:37.80 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:38:27	14	85	398	15	064:40:56.40 N	096:16:24.59 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:40:35	15	92	482	13	064:44:33.59 N	096:14:19.19 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:42:43	16	91	490	14	064:47:38.39 N	096:12:29.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	328	SCHED	06/19/2021 23:44:51	17	86	503	14	064:50:43.80 N	096:10:43.79 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:47:17	18	85	536	13	064:53:45.60 N	096:08:59.39 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:49:29	19	87	543	12	064:57:06.60 N	096:07:17.39 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:51:37	20	84	357	14	065:00:16.19 N	096:05:26.39 W
Summer	C-GLYF	328	SCHED	06/19/2021 23:53:46	21	0	138	107	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	328	ARRIVAL	06/19/2021 23:54:30	2	0	138	107	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	328	XML_FLIGHT_SUMMARY	06/19/2021 23:54:31	0	0	0	0		
Summer	C-GLYF	329	POWER_ON	06/20/2021 11:08:06	NA	NA	NA	NA		
Summer	C-GLYF	329	SCHED	06/20/2021 11:10:17	1	0	136	157	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	329	DEPARTURE	06/20/2021 11:11:58	1	79	185	241	065:01:30.00 N	096:04:58.79 W
Summer	C-GLYF	329	SCHED	06/20/2021 11:15:01	2	127	208	193	064:54:21.60 N	096:08:18.00 W
Summer	C-GLYF	329	SCHED	06/20/2021 11:17:19	3	132	218	187	064:49:19.79 N	096:12:19.19 W
Summer	C-GLYF	329	SCHED	06/20/2021 11:19:27	4	130	260	195	064:44:30.59 N	096:14:45.00 W
Summer	C-GLYF	329	SCHED	06/20/2021 11:21:39	5	137	256	188	064:39:55.79 N	096:17:08.99 W
Summer	C-GLYF	329	SCHED	06/20/2021 11:23:47	6	0	101	85	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	329	XML_OVERDUE_REPORT	06/20/2021 11:31:03	0	0	0	0		
Summer	C-GLYF	329	XML_FLIGHT_SUMMARY	06/20/2021 11:33:47	0	0	0	0		
Summer	C-GLYF	330	POWER_ON	06/20/2021 11:33:46	NA	NA	NA	NA		
Summer	C-GLYF	330	SCHED	06/20/2021 11:35:10	1	0	121	75	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	330	DEPARTURE	06/20/2021 11:36:19	1	55	181	359	064:37:26.39 N	096:18:58.19 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:38:29	2	18	176	353	064:39:21.60 N	096:19:25.80 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:41:30	3	0	127	284	064:39:24.00 N	096:19:25.20 W
Summer	C-GLYF	330	ARRIVAL	06/20/2021 11:41:51	1	0	127	284	064:39:24.00 N	096:19:25.20 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:44:44	4	0	127	284	064:39:24.60 N	096:19:25.20 W
Summer	C-GLYF	330	DEPARTURE	06/20/2021 11:45:57	2	84	194	203	064:39:21.60 N	096:19:58.79 W
Summer	C-GLYF	330	ARRIVAL	06/20/2021 11:48:08	2	0	105	110	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:48:15	5	0	105	110	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	330	DEPARTURE	06/20/2021 11:49:59	3	70	142	2	064:37:30.60 N	096:18:53.99 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:52:09	6	90	241	11	064:40:34.79 N	096:17:27.00 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:54:16	7	89	240	15	064:43:39.59 N	096:15:40.20 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:56:25	8	90	203	18	064:46:42.00 N	096:13:46.79 W
Summer	C-GLYF	330	SCHED	06/20/2021 11:58:40	9	89	210	15	064:49:44.39 N	096:11:49.19 W
Summer	C-GLYF	330	SCHED	06/20/2021 12:00:56	10	88	211	13	064:53:01.20 N	096:09:43.79 W
Summer	C-GLYF	330	SCHED	06/20/2021 12:03:03	11	94	191	23	064:56:17.39 N	096:07:36.00 W
Summer	C-GLYF	330	SCHED	06/20/2021 12:05:15	12	94	172	22	064:59:26.40 N	096:05:24.00 W
Summer	C-GLYF	330	SCHED	06/20/2021 12:07:22	13	9	144	251	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	330	ARRIVAL	06/20/2021 12:08:18	3	0	134	297	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	330	XML_FLIGHT_SUMMARY	06/20/2021 12:08:19	0	0	0	0		
Summer	C-GLYF	331	POWER_ON	06/20/2021 12:36:50	NA	NA	NA	NA		
Summer	C-GLYF	331	SCHED	06/20/2021 12:37:29	1	0	136	315	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	331	SCHED	06/20/2021 12:39:38	2	0	134	9	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	331	SCHED	06/20/2021 22:58:52	1	0	0	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	331	DEPARTURE	06/20/2021 22:59:54	1	62	225	255	065:01:33.59 N	096:04:52.80 W
Summer	C-GLYF	331	SCHED	06/20/2021 23:02:02	2	126	598	193	064:57:35.40 N	096:07:18.59 W
Summer	C-GLYF	331	SCHED	06/20/2021 23:05:05	3	135	599	192	064:51:51.60 N	096:10:25.20 W
Summer	C-GLYF	331	SCHED	06/20/2021 23:07:55	4	140	544	193	064:45:11.40 N	096:13:52.19 W
Summer	C-GLYF	331	SCHED	06/20/2021 23:10:04	5	140	380	192	064:39:58.20 N	096:16:24.59 W
Summer	C-GLYF	331	SCHED	06/20/2021 23:12:17	6	0	108	58	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	331	ARRIVAL	06/20/2021 23:12:59	1	0	107	58	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	331	XML_FLIGHT_SUMMARY	06/20/2021 23:13:00	0	0	0	0		
Summer	C-GLYF	332	POWER_ON	06/20/2021 23:40:09	NA	NA	NA	NA		
Summer	C-GLYF	332	SCHED	06/20/2021 23:40:40	1	0	105	149	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	332	DEPARTURE	06/20/2021 23:42:12	1	56	177	11	064:37:23.39 N	096:18:41.99 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:44:22	2	89	406	14	064:40:18.00 N	096:17:08.40 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:46:32	3	99	463	14	064:43:28.80 N	096:15:17.99 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:48:40	4	96	455	15	064:46:50.99 N	096:13:15.00 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:50:46	5	93	432	15	064:50:04.20 N	096:11:19.79 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:53:43	6	90	471	14	064:54:05.40 N	096:09:00.60 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:55:55	7	95	430	15	064:57:44.39 N	096:06:55.20 W
Summer	C-GLYF	332	SCHED	06/20/2021 23:58:05	8	75	230	10	065:01:07.19 N	096:04:55.20 W
Summer	C-GLYF	332	ARRIVAL	06/20/2021 23:59:30	1	0	139	93	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	332	XML_FLIGHT_SUMMARY	06/20/2021 23:59:31	0	0	0	0		
Summer	C-GLYF	333	POWER_ON	06/21/2021 11:22:42	NA	NA	NA	NA		
Summer	C-GLYF	333	SCHED	06/21/2021 11:23:21	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	333	SCHED	06/21/2021 11:25:30	2	0	147	67	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	333	DEPARTURE	06/21/2021 11:26:15	1	64	196	233	065:01:30.00 N	096:04:56.99 W
Summer	C-GLYF	333	SCHED	06/21/2021 11:29:27	3	123	371	189	064:56:27.60 N	096:07:38.99 W
Summer	C-GLYF	333	SCHED	06/21/2021 11:31:36	4	129	370	191	064:50:46.80 N	096:09:56.39 W
Summer	C-GLYF	333	SCHED	06/21/2021 11:33:44	5	131	380	187	064:46:20.40 N	096:11:46.79 W
Summer	C-GLYF	333	SCHED	06/21/2021 11:36:05	6	130	328	189	064:41:46.79 N	096:13:36.59 W
Summer	C-GLYF	333	SCHED	06/21/2021 11:39:00	7	0	75	258	064:39:58.20 N	096:13:47.39 W
Summer	C-GLYF	333	ARRIVAL	06/21/2021 11:39:06	1	0	74	258	064:39:58.20 N	096:13:47.39 W
Summer	C-GLYF	333	XML_FLIGHT_SUMMARY	06/21/2021 11:39:07	0	0	0	0		
Summer	C-GLYF	334	DEPARTURE	06/21/2021 11:40:48	2	73	138	211	064:39:49.79 N	096:14:18.00 W
Summer	C-GLYF	334	SCHED	06/21/2021 11:42:55	8	0	104	357	064:37:29.39 N	096:17:52.19 W
Summer	C-GLYF	334	ARRIVAL	06/21/2021 11:43:31	2	0	104	357	064:37:29.39 N	096:17:52.19 W
Summer	C-GLYF	334	XML_FLIGHT_SUMMARY	06/21/2021 11:43:32	0	0	0	0		
Summer	C-GLYF	335	POWER_ON	06/21/2021 12:02:20	NA	NA	NA	NA		
Summer	C-GLYF	335	SCHED	06/21/2021 12:02:57	1	0	102	0	064:37:29.39 N	096:17:52.19 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:05:05	2	0	137	248	064:37:30.00 N	096:17:52.19 W
Summer	C-GLYF	335	DEPARTURE	06/21/2021 12:06:07	1	43	189	33	064:37:43.19 N	096:17:33.59 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:08:20	3	59	225	40	064:39:22.80 N	096:14:55.20 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:10:27	4	104	234	211	064:39:07.19 N	096:15:22.20 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:12:38	5	28	147	25	064:37:32.39 N	096:17:51.00 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:14:45	6	49	207	34	064:39:01.79 N	096:15:27.60 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:16:57	7	0	111	48	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:19:07	8	95	238	209	064:37:46.79 N	096:17:03.60 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:21:14	9	66	218	35	064:38:18.59 N	096:16:37.19 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:23:22	10	21	141	35	064:39:55.79 N	096:13:54.00 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:25:30	11	0	115	21	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:27:43	12	99	243	210	064:37:55.20 N	096:16:51.60 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:29:51	13	39	178	33	064:37:38.40 N	096:17:40.80 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:32:00	14	50	249	31	064:39:02.39 N	096:15:25.20 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:34:16	15	0	107	33	064:39:58.20 N	096:13:51.00 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:36:30	16	112	240	211	064:38:26.39 N	096:16:13.20 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:38:37	17	59	247	37	064:37:52.20 N	096:17:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	335	SCHED	06/21/2021 12:40:44	18	52	199	32	064:39:45.60 N	096:14:09.59 W
Summer	C-GLYF	335	SCHED	06/21/2021 12:42:51	19	3	99	173	064:39:58.20 N	096:13:48.59 W
Summer	C-GLYF	335	ARRIVAL	06/21/2021 12:44:25	1	0	72	42	064:39:57.60 N	096:13:47.39 W
Summer	C-GLYF	335	XML_FLIGHT_SUMMARY	06/21/2021 12:44:26	0	0	0	0		
Summer	C-GLYF	336	POWER_ON	06/21/2021 13:49:55	NA	NA	NA	NA		
Summer	C-GLYF	336	SCHED	06/21/2021 13:50:33	1	0	77	228	064:39:57.60 N	096:13:47.39 W
Summer	C-GLYF	336	DEPARTURE	06/21/2021 13:51:15	1	69	149	197	064:39:51.59 N	096:14:18.00 W
Summer	C-GLYF	336	SCHED	06/21/2021 13:53:22	2	14	110	340	064:37:10.79 N	096:18:51.60 W
Summer	C-GLYF	336	ARRIVAL	06/21/2021 13:54:22	1	0	102	87	064:37:12.00 N	096:18:50.39 W
Summer	C-GLYF	336	XML_FLIGHT_SUMMARY	06/21/2021 13:54:23	0	0	0	0		
Summer	C-GLYF	337	POWER_ON	06/21/2021 14:16:14	NA	NA	NA	NA		
Summer	C-GLYF	337	SCHED	06/21/2021 14:17:56	1	2	139	62	064:37:12.00 N	096:18:51.00 W
Summer	C-GLYF	337	SCHED	06/21/2021 14:20:03	2	0	139	267	064:37:12.00 N	096:18:46.79 W
Summer	C-GLYF	337	SCHED	06/21/2021 14:22:11	3	0	104	172	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	337	DEPARTURE	06/21/2021 14:23:02	1	61	152	39	064:37:25.20 N	096:18:26.39 W
Summer	C-GLYF	337	SCHED	06/21/2021 14:25:15	4	55	148	54	064:39:47.39 N	096:13:52.80 W
Summer	C-GLYF	337	ARRIVAL	06/21/2021 14:26:29	1	0	79	10	064:39:58.20 N	096:13:47.39 W
Summer	C-GLYF	337	XML_FLIGHT_SUMMARY	06/21/2021 14:26:30	0	0	0	0		
Summer	C-GLYF	338	DEPARTURE	06/21/2021 14:27:39	2	75	165	223	064:39:54.00 N	096:14:25.80 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:29:49	5	19	124	353	064:37:09.59 N	096:18:52.19 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:31:59	6	44	162	36	064:37:15.59 N	096:18:41.39 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:34:10	7	79	232	33	064:39:30.00 N	096:14:36.59 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:36:18	8	108	264	212	064:38:51.60 N	096:15:55.80 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:38:26	9	1	141	352	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:40:34	10	61	237	37	064:38:44.40 N	096:15:59.39 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:42:47	11	1	115	32	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:44:56	12	96	256	217	064:37:27.60 N	096:17:48.00 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:47:13	13	51	204	44	064:37:29.39 N	096:18:11.99 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:49:19	14	56	238	36	064:39:11.39 N	096:15:06.00 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:51:27	15	0	115	296	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:53:35	16	107	262	215	064:37:42.60 N	096:17:19.79 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:55:44	17	64	211	35	064:37:52.20 N	096:17:36.59 W
Summer	C-GLYF	338	SCHED	06/21/2021 14:57:54	18	52	208	38	064:39:38.99 N	096:14:25.80 W
Summer	C-GLYF	338	SCHED	06/21/2021 15:00:16	19	0	109	42	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	338	SCHED	06/21/2021 15:02:35	20	91	224	216	064:37:24.60 N	096:17:57.60 W
Summer	C-GLYF	338	SCHED	06/21/2021 15:04:44	21	61	241	351	064:38:19.80 N	096:19:06.59 W
Summer	C-GLYF	338	SCHED	06/21/2021 15:06:52	22	1	157	356	064:39:23.39 N	096:19:25.80 W
Summer	C-GLYF	338	ARRIVAL	06/21/2021 15:08:52	2	0	123	6	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	338	XML_FLIGHT_SUMMARY	06/21/2021 15:08:53	0	0	0	0		
Summer	C-GLYF	339	POWER_ON	06/21/2021 15:25:03	NA	NA	NA	NA		
Summer	C-GLYF	339	SCHED	06/21/2021 15:25:42	1	0	120	15	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	339	DEPARTURE	06/21/2021 15:27:42	1	93	197	180	064:39:15.00 N	096:19:55.80 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:29:54	2	51	187	41	064:37:21.59 N	096:18:27.60 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:32:01	3	70	281	39	064:39:15.00 N	096:15:02.39 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:34:09	4	4	117	300	064:39:58.20 N	096:13:49.79 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:36:21	5	82	241	221	064:37:10.79 N	096:18:16.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:38:32	6	50	213	38	064:37:46.79 N	096:17:48.60 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:40:42	7	52	260	38	064:39:12.00 N	096:15:10.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:42:51	8	1	125	18	064:39:58.20 N	096:13:49.79 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:45:45	9	112	262	211	064:39:07.19 N	096:15:26.99 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:47:54	10	0	144	35	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:50:03	11	75	250	40	064:38:59.39 N	096:15:34.19 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:52:13	12	2	108	45	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:55:11	13	2	142	13	064:37:12.00 N	096:18:48.60 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:57:18	14	39	224	45	064:38:16.80 N	096:16:53.39 W
Summer	C-GLYF	339	SCHED	06/21/2021 15:59:25	15	39	206	36	064:39:25.19 N	096:14:44.39 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:01:36	16	75	172	234	064:39:57.00 N	096:14:16.19 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:03:56	17	11	149	11	064:37:10.79 N	096:18:49.19 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:06:29	18	65	267	38	064:38:40.79 N	096:16:07.80 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:08:47	19	1	121	28	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:11:02	20	63	206	257	064:37:05.40 N	096:18:31.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:13:13	21	26	209	37	064:37:16.80 N	096:18:34.19 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:15:22	22	49	268	38	064:38:34.79 N	096:16:13.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:17:34	23	22	172	31	064:39:54.59 N	096:13:51.59 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:19:52	24	23	128	319	064:39:58.79 N	096:13:51.00 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:22:06	25	46	194	296	064:37:04.79 N	096:18:41.99 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:24:18	26	29	191	37	064:37:31.80 N	096:18:11.99 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:26:28	27	26	248	39	064:38:19.19 N	096:16:45.59 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:28:39	28	30	233	40	064:39:07.19 N	096:15:15.60 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:30:47	29	20	167	28	064:39:52.79 N	096:13:57.59 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:32:57	30	117	289	214	064:38:32.99 N	096:16:20.99 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:35:06	31	0	140	30	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:37:18	32	35	292	40	064:38:04.79 N	096:17:19.79 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:39:25	33	34	254	39	064:39:00.59 N	096:15:31.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:41:38	34	17	152	36	064:39:55.20 N	096:13:54.59 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:43:47	35	107	251	211	064:39:28.19 N	096:14:58.80 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:45:54	36	2	145	7	064:37:12.00 N	096:18:47.39 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:48:11	37	43	227	38	064:37:55.79 N	096:17:31.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:50:22	38	46	237	39	064:39:15.59 N	096:15:04.19 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:52:28	39	1	122	24	064:39:58.20 N	096:13:51.00 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:54:39	40	66	249	278	064:39:16.19 N	096:19:04.20 W
Summer	C-GLYF	339	SCHED	06/21/2021 16:56:46	41	0	124	24	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	339	ARRIVAL	06/21/2021 16:56:51	1	0	124	24	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	339	XML_FLIGHT_SUMMARY	06/21/2021 16:56:52	0	0	0	0		
Summer	C-GLYF	340	POWER_ON	06/21/2021 17:11:37	NA	NA	NA	NA		
Summer	C-GLYF	340	SCHED	06/21/2021 17:12:34	1	0	132	317	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	340	DEPARTURE	06/21/2021 17:13:07	1	87	217	170	064:39:11.39 N	096:19:46.19 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:15:16	2	21	153	1	064:37:09.59 N	096:18:48.60 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:17:25	3	75	300	37	064:38:20.99 N	096:16:38.39 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:19:36	4	1	124	46	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:21:42	5	112	291	211	064:37:33.00 N	096:17:28.79 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:23:48	6	58	249	38	064:37:35.39 N	096:18:03.00 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:25:59	7	61	305	38	064:39:22.80 N	096:14:47.39 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:28:07	8	55	171	235	064:39:58.20 N	096:14:06.00 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:30:17	9	48	182	294	064:37:04.79 N	096:18:39.60 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:32:26	10	71	255	39	064:38:17.39 N	096:16:54.59 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:34:36	11	5	135	41	064:39:58.20 N	096:13:51.00 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:36:44	12	104	283	210	064:38:38.99 N	096:16:02.40 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:38:54	13	24	146	6	064:37:12.59 N	096:18:35.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	340	SCHED	06/21/2021 17:41:01	14	80	255	38	064:39:22.19 N	096:14:51.00 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:43:14	15	109	231	211	064:39:43.20 N	096:14:43.80 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:45:24	16	0	127	8	064:37:11.40 N	096:18:35.40 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:47:50	17	51	193	35	064:37:52.20 N	096:17:33.59 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:50:00	18	53	217	38	064:39:27.60 N	096:14:43.20 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:52:18	19	0	108	135	064:39:57.60 N	096:13:44.39 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:54:25	20	117	244	212	064:39:09.00 N	096:15:23.40 W
Summer	C-GLYF	340	SCHED	06/21/2021 17:56:39	21	0	100	73	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	340	ARRIVAL	06/21/2021 17:57:11	1	0	100	73	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	340	XML_FLIGHT_SUMMARY	06/21/2021 17:57:12	0	0	0	0		
Summer	C-GLYF	341	DEPARTURE	06/21/2021 17:57:52	2	63	154	5	064:37:27.60 N	096:18:38.99 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:00:04	22	0	124	89	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	341	ARRIVAL	06/21/2021 18:00:22	2	0	123	89	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	341	DEPARTURE	06/21/2021 18:01:24	3	78	171	92	064:39:32.99 N	096:19:02.39 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:03:40	23	0	75	340	064:39:57.60 N	096:13:47.39 W
Summer	C-GLYF	341	ARRIVAL	06/21/2021 18:04:40	3	0	73	340	064:39:57.60 N	096:13:47.39 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:06:49	24	0	116	245	064:39:57.00 N	096:13:50.40 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:08:58	25	2	75	119	064:39:57.60 N	096:13:48.00 W
Summer	C-GLYF	341	DEPARTURE	06/21/2021 18:10:53	4	70	146	257	064:39:56.40 N	096:14:28.20 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:13:02	26	93	332	15	064:42:36.60 N	096:14:40.79 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:15:21	27	95	424	13	064:45:55.80 N	096:12:45.00 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:17:28	28	98	414	15	064:49:29.39 N	096:10:44.39 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:19:34	29	95	443	15	064:52:41.40 N	096:08:51.59 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:21:49	30	95	482	17	064:55:54.00 N	096:06:45.00 W
Summer	C-GLYF	341	SCHED	06/21/2021 18:24:18	31	106	457	21	064:59:28.79 N	096:03:48.60 W
Summer	C-GLYF	341	ARRIVAL	06/21/2021 18:27:33	4	0	141	258	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	341	XML_FLIGHT_SUMMARY	06/21/2021 18:27:34	0	0	0	0		
Summer	C-GLYF	342	POWER_ON	06/21/2021 18:35:47	NA	NA	NA	NA		
Summer	C-GLYF	342	SCHED	06/21/2021 18:36:29	1	0	155	357	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	342	DEPARTURE	06/21/2021 18:37:03	1	70	225	247	065:01:30.00 N	096:04:44.39 W
Summer	C-GLYF	342	SCHED	06/21/2021 18:39:15	2	132	482	192	064:57:34.79 N	096:06:48.00 W
Summer	C-GLYF	342	SCHED	06/21/2021 18:41:22	3	136	602	190	064:52:49.20 N	096:08:53.99 W
Summer	C-GLYF	342	SCHED	06/21/2021 18:43:31	4	140	477	187	064:47:58.19 N	096:10:26.40 W
Summer	C-GLYF	342	SCHED	06/21/2021 18:45:45	5	134	431	188	064:43:05.39 N	096:11:46.79 W
Summer	C-GLYF	342	SCHED	06/21/2021 18:47:55	6	0	63	15	064:39:57.60 N	096:13:47.39 W
Summer	C-GLYF	342	ARRIVAL	06/21/2021 18:48:36	1	0	62	15	064:39:57.60 N	096:13:48.00 W
Summer	C-GLYF	342	XML_FLIGHT_SUMMARY	06/21/2021 18:48:37	0	0	0	0		
Summer	C-GLYF	342	SCHED	06/21/2021 18:50:43	7	0	65	15	064:39:57.60 N	096:13:48.00 W
Summer	C-GLYF	343	DEPARTURE	06/21/2021 18:52:41	2	90	159	203	064:39:46.79 N	096:14:23.99 W
Summer	C-GLYF	343	SCHED	06/21/2021 18:54:54	8	0	103	72	064:37:11.40 N	096:18:49.79 W
Summer	C-GLYF	343	ARRIVAL	06/21/2021 18:55:47	2	0	105	72	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	343	XML_FLIGHT_SUMMARY	06/21/2021 18:55:48	0	0	0	0		
Summer	C-GLYF	343	SCHED	06/21/2021 18:58:47	9	4	135	40	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	344	DEPARTURE	06/21/2021 18:58:57	3	50	183	41	064:37:24.00 N	096:18:24.00 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:01:54	10	59	214	34	064:39:34.19 N	096:14:29.39 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:04:00	11	115	244	210	064:38:54.59 N	096:15:40.80 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:06:07	12	14	142	51	064:37:12.00 N	096:18:46.19 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:08:17	13	79	259	36	064:39:05.40 N	096:15:20.40 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:10:39	14	89	189	210	064:39:46.79 N	096:14:32.39 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:12:47	15	0	133	40	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:14:56	16	57	231	39	064:38:10.20 N	096:16:59.40 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:17:08	17	41	164	37	064:39:45.60 N	096:14:09.59 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:19:19	18	109	255	212	064:39:04.79 N	096:15:30.60 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:21:33	19	43	151	36	064:37:15.59 N	096:18:41.39 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:23:44	20	67	231	37	064:39:10.20 N	096:15:16.19 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:25:51	21	49	131	277	064:39:59.39 N	096:13:56.99 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:28:47	22	0	131	8	064:37:12.00 N	096:18:47.39 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:30:53	23	70	209	39	064:39:02.39 N	096:15:31.20 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:33:01	24	80	146	231	064:39:57.60 N	096:14:11.40 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:35:19	25	25	147	354	064:37:09.00 N	096:18:48.00 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:37:28	26	65	205	38	064:38:25.20 N	096:16:45.00 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:39:49	27	6	130	42	064:39:58.20 N	096:13:51.59 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:42:03	28	88	219	232	064:37:07.79 N	096:18:13.79 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:44:09	29	59	222	39	064:37:58.79 N	096:17:33.59 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:46:16	30	56	210	40	064:39:40.20 N	096:14:23.40 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:49:11	31	105	265	214	064:37:34.79 N	096:17:42.59 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:51:19	32	62	207	38	064:37:58.79 N	096:17:27.00 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:53:26	33	50	195	34	064:39:45.60 N	096:14:12.60 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:55:34	34	114	233	214	064:38:21.60 N	096:16:34.79 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:57:42	35	57	180	39	064:37:33.60 N	096:18:05.40 W
Summer	C-GLYF	344	SCHED	06/21/2021 19:59:50	36	68	223	34	064:39:18.60 N	096:14:57.60 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:02:57	37	113	242	214	064:38:16.19 N	096:16:40.80 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:05:04	38	68	226	37	064:37:57.60 N	096:17:16.20 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:07:10	39	41	173	33	064:39:48.59 N	096:13:58.20 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:10:05	40	111	242	211	064:37:51.60 N	096:17:10.80 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:12:19	41	69	224	37	064:38:07.19 N	096:17:01.19 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:14:26	42	14	135	49	064:39:57.00 N	096:13:46.20 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:16:40	43	105	264	207	064:37:41.99 N	096:17:25.79 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:18:48	44	69	219	37	064:38:03.59 N	096:17:11.40 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:20:56	45	37	172	35	064:39:50.40 N	096:13:56.99 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:23:08	46	112	282	212	064:38:09.00 N	096:16:46.80 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:25:14	47	66	199	37	064:37:40.19 N	096:17:55.80 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:27:24	48	68	218	35	064:39:36.60 N	096:14:28.20 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:30:19	49	114	257	213	064:38:15.59 N	096:16:33.00 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:32:26	50	66	215	36	064:37:47.40 N	096:17:46.80 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:34:32	51	54	215	33	064:39:47.39 N	096:14:10.20 W
Summer	C-GLYF	344	SCHED	06/21/2021 20:38:03	52	101	268	213	064:37:32.39 N	096:17:37.19 W
Summer	C-GLYF	344	ARRIVAL	06/21/2021 20:39:55	3	0	111	149	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	344	XML_FLIGHT_SUMMARY	06/21/2021 20:39:56	0	0	0	0		
Summer	C-GLYF	344	SCHED	06/21/2021 20:42:02	53	37	114	63	064:37:13.20 N	096:18:45.00 W
Summer	C-GLYF	345	DEPARTURE	06/21/2021 20:42:20	4	36	122	38	064:37:20.39 N	096:18:20.40 W
Summer	C-GLYF	345	ARRIVAL	06/21/2021 20:43:22	4	0	110	26	064:37:24.60 N	096:18:16.79 W
Summer	C-GLYF	345	DEPARTURE	06/21/2021 20:44:58	5	68	150	355	064:37:41.40 N	096:18:30.59 W
Summer	C-GLYF	345	SCHED	06/21/2021 20:47:06	54	93	244	16	064:41:00.00 N	096:18:36.59 W
Summer	C-GLYF	345	SCHED	06/21/2021 20:49:16	55	97	346	17	064:44:17.40 N	096:16:15.60 W
Summer	C-GLYF	345	SCHED	06/21/2021 20:51:25	56	103	399	16	064:47:42.00 N	096:13:48.00 W
Summer	C-GLYF	345	SCHED	06/21/2021 20:53:36	57	95	435	20	064:51:02.39 N	096:11:08.99 W
Summer	C-GLYF	345	SCHED	06/21/2021 20:55:43	58	99	490	16	064:54:22.80 N	096:08:44.39 W
Summer	C-GLYF	345	SCHED	06/21/2021 20:57:50	59	99	428	20	064:57:44.39 N	096:06:13.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	345	SCHED	06/21/2021 21:00:05	60	87	326	353	065:00:52.19 N	096:02:49.19 W
Summer	C-GLYF	345	ARRIVAL	06/21/2021 21:01:57	5	0	144	305	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	345	XML_FLIGHT_SUMMARY	06/21/2021 21:01:58	0	0	0	0		
Summer	C-GLYF	346	POWER_ON	06/21/2021 23:00:15	NA	NA	NA	NA		
Summer	C-GLYF	346	SCHED	06/21/2021 23:00:52	1	0	143	289	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	346	DEPARTURE	06/21/2021 23:01:52	1	58	220	258	065:01:31.79 N	096:04:40.20 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:04:02	2	127	511	190	064:57:32.39 N	096:06:39.59 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:06:56	3	134	591	188	064:51:47.99 N	096:09:01.79 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:09:04	4	133	534	188	064:46:31.79 N	096:10:51.00 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:11:11	5	135	395	188	064:41:49.79 N	096:12:34.79 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:13:19	6	0	82	347	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	346	ARRIVAL	06/21/2021 23:13:31	1	0	83	347	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	346	XML_FLIGHT_SUMMARY	06/21/2021 23:13:32	0	0	0	0		
Summer	C-GLYF	346	SCHED	06/21/2021 23:15:44	7	0	82	347	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:17:55	8	0	81	347	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:20:02	9	0	80	322	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:22:11	10	0	79	322	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:24:21	11	0	80	318	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:26:31	12	0	79	306	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	346	SCHED	06/21/2021 23:28:39	13	0	78	319	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	347	DEPARTURE	06/21/2021 23:29:41	2	52	151	339	064:40:04.80 N	096:14:19.79 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:31:50	14	84	355	10	064:42:59.39 N	096:13:07.80 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:34:04	15	93	440	12	064:46:08.99 N	096:11:38.40 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:36:13	16	98	438	11	064:49:39.00 N	096:09:58.20 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:38:21	17	93	445	12	064:53:01.79 N	096:08:23.39 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:40:28	18	94	498	10	064:56:16.80 N	096:06:55.80 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:42:35	19	95	387	9	064:59:41.40 N	096:05:28.20 W
Summer	C-GLYF	347	SCHED	06/21/2021 23:44:43	20	0	141	75	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	347	ARRIVAL	06/21/2021 23:45:08	2	0	140	75	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	347	XML_FLIGHT_SUMMARY	06/21/2021 23:45:09	0	0	0	0		
Summer	C-GLYF	348	POWER_ON	06/22/2021 11:14:24	NA	NA	NA	NA		
Summer	C-GLYF	348	SCHED	06/22/2021 11:15:10	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	348	SCHED	06/22/2021 11:18:10	2	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	348	DEPARTURE	06/22/2021 11:21:06	1	113	0	190	064:58:46.79 N	096:05:55.80 W
Summer	C-GLYF	348	SCHED	06/22/2021 11:23:22	3	123	581	189	064:51:06.59 N	096:09:03.59 W
Summer	C-GLYF	348	SCHED	06/22/2021 11:25:31	4	120	581	189	064:46:40.20 N	096:10:36.59 W
Summer	C-GLYF	348	SCHED	06/22/2021 11:27:41	5	126	405	186	064:42:19.79 N	096:12:10.80 W
Summer	C-GLYF	348	SCHED	06/22/2021 11:29:50	6	0	81	358	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	348	ARRIVAL	06/22/2021 11:30:24	1	0	81	358	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	348	XML_FLIGHT_SUMMARY	06/22/2021 11:30:25	0	0	0	0		
Summer	C-GLYF	348	SCHED	06/22/2021 11:32:32	7	0	78	358	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	349	POWER_ON	06/22/2021 11:38:09	NA	NA	NA	NA		
Summer	C-GLYF	349	SCHED	06/22/2021 11:38:48	1	0	77	249	064:39:57.60 N	096:13:49.19 W
Summer	C-GLYF	349	DEPARTURE	06/22/2021 11:41:46	1	52	184	248	064:39:53.39 N	096:14:23.99 W
Summer	C-GLYF	349	SCHED	06/22/2021 11:43:57	2	0	166	333	064:39:23.39 N	096:19:26.39 W
Summer	C-GLYF	349	SCHED	06/22/2021 11:46:07	3	0	128	333	064:39:24.00 N	096:19:25.80 W
Summer	C-GLYF	349	ARRIVAL	06/22/2021 11:46:16	1	0	128	333	064:39:24.00 N	096:19:25.80 W
Summer	C-GLYF	349	SCHED	06/22/2021 11:49:53	4	0	125	333	064:39:24.00 N	096:19:25.80 W
Summer	C-GLYF	349	DEPARTURE	06/22/2021 11:49:59	2	85	177	32	064:39:32.99 N	096:19:42.60 W
Summer	C-GLYF	349	SCHED	06/22/2021 11:52:10	5	0	76	331	064:39:57.60 N	096:13:49.19 W
Summer	C-GLYF	349	ARRIVAL	06/22/2021 11:52:53	2	0	76	331	064:39:57.60 N	096:13:49.19 W
Summer	C-GLYF	349	XML_FLIGHT_SUMMARY	06/22/2021 11:52:54	0	0	0	0		
Summer	C-GLYF	350	DEPARTURE	06/22/2021 11:53:37	3	58	146	319	064:40:01.79 N	096:14:23.40 W
Summer	C-GLYF	350	SCHED	06/22/2021 11:55:44	6	100	410	13	064:43:22.19 N	096:13:29.39 W
Summer	C-GLYF	350	SCHED	06/22/2021 11:57:55	7	107	481	12	064:46:55.19 N	096:11:45.60 W
Summer	C-GLYF	350	SCHED	06/22/2021 12:00:04	8	104	456	13	064:50:39.00 N	096:09:52.80 W
Summer	C-GLYF	350	SCHED	06/22/2021 12:02:12	9	103	502	15	064:54:13.80 N	096:07:49.20 W
Summer	C-GLYF	350	SCHED	06/22/2021 12:04:20	10	108	490	18	064:57:48.59 N	096:05:13.79 W
Summer	C-GLYF	350	SCHED	06/22/2021 12:06:26	11	68	274	323	065:01:10.19 N	096:03:04.19 W
Summer	C-GLYF	350	ARRIVAL	06/22/2021 12:08:01	3	0	133	312	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	350	XML_FLIGHT_SUMMARY	06/22/2021 12:08:02	0	0	0	0		
Summer	C-GLYF	351	POWER_ON	06/22/2021 12:49:36	NA	NA	NA	NA		
Summer	C-GLYF	351	SCHED	06/22/2021 12:50:20	1	0	138	136	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	351	DEPARTURE	06/22/2021 12:51:54	1	64	189	324	065:01:37.80 N	096:04:40.80 W
Summer	C-GLYF	351	SCHED	06/22/2021 12:54:04	2	90	408	326	065:04:07.79 N	096:08:46.79 W
Summer	C-GLYF	351	SCHED	06/22/2021 12:56:12	3	99	497	4	065:07:24.00 N	096:09:43.79 W
Summer	C-GLYF	351	SCHED	06/22/2021 12:58:20	4	107	319	30	065:11:03.59 N	096:09:01.79 W
Summer	C-GLYF	351	SCHED	06/22/2021 13:00:28	5	89	357	313	065:13:09.00 N	096:13:16.79 W
Summer	C-GLYF	351	SCHED	06/22/2021 13:02:43	6	94	423	313	065:15:20.40 N	096:18:47.39 W
Summer	C-GLYF	351	SCHED	06/22/2021 13:05:43	7	95	444	314	065:18:10.79 N	096:26:18.60 W
Summer	C-GLYF	351	SCHED	06/22/2021 13:07:50	8	99	381	313	065:20:57.60 N	096:33:14.39 W
Summer	C-GLYF	351	SCHED	06/22/2021 13:10:04	9	84	296	312	065:23:26.39 N	096:39:07.80 W
Summer	C-GLYF	351	SCHED	06/22/2021 13:12:12	10	0	148	18	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	351	ARRIVAL	06/22/2021 13:12:23	1	0	148	18	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	351	XML_FLIGHT_SUMMARY	06/22/2021 13:12:24	0	0	0	0		
Summer	C-GLYF	352	POWER_ON	06/22/2021 13:31:42	NA	NA	NA	NA		
Summer	C-GLYF	352	SCHED	06/22/2021 13:32:20	1	0	159	13	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	352	DEPARTURE	06/22/2021 13:33:25	1	66	216	196	065:23:38.40 N	096:40:37.80 W
Summer	C-GLYF	352	SCHED	06/22/2021 13:35:34	2	0	159	326	065:22:52.79 N	096:43:30.60 W
Summer	C-GLYF	352	ARRIVAL	06/22/2021 13:36:08	1	0	158	326	065:22:52.79 N	096:43:30.60 W
Summer	C-GLYF	352	DEPARTURE	06/22/2021 13:38:09	2	87	209	31	065:23:06.00 N	096:43:48.59 W
Summer	C-GLYF	352	SCHED	06/22/2021 13:40:16	3	0	153	13	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	352	ARRIVAL	06/22/2021 13:40:42	2	0	153	13	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	352	POWER_ON	06/22/2021 15:04:51	NA	NA	NA	NA		
Summer	C-GLYF	352	SCHED	06/22/2021 15:05:28	1	0	181	137	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	352	POWER_ON	06/22/2021 15:19:16	NA	NA	NA	NA		
Summer	C-GLYF	352	SCHED	06/22/2021 15:19:55	1	1	155	236	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	352	DEPARTURE	06/22/2021 15:21:28	1	67	197	202	065:23:35.99 N	096:40:34.19 W
Summer	C-GLYF	352	SCHED	06/22/2021 15:23:43	2	0	165	332	065:22:51.60 N	096:43:28.20 W
Summer	C-GLYF	352	ARRIVAL	06/22/2021 15:24:00	1	0	164	332	065:22:51.60 N	096:43:27.60 W
Summer	C-GLYF	352	DEPARTURE	06/22/2021 15:25:44	2	77	198	97	065:22:38.99 N	096:43:08.99 W
Summer	C-GLYF	352	SCHED	06/22/2021 15:27:53	3	1	146	19	065:22:47.99 N	096:42:13.19 W
Summer	C-GLYF	352	ARRIVAL	06/22/2021 15:29:10	2	0	147	19	065:22:47.99 N	096:42:12.60 W
Summer	C-GLYF	352	DEPARTURE	06/22/2021 15:29:35	3	61	239	126	065:22:39.60 N	096:42:20.99 W
Summer	C-GLYF	352	SCHED	06/22/2021 15:31:46	4	0	165	2	065:23:55.20 N	096:40:32.39 W
Summer	C-GLYF	352	ARRIVAL	06/22/2021 15:32:37	3	0	163	2	065:23:55.20 N	096:40:32.39 W
Summer	C-GLYF	352	POWER_ON	06/22/2021 16:10:42	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	352	SCHED	06/22/2021 16:11:20	1	0	159	314	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	352	DEPARTURE	06/22/2021 16:12:13	1	67	228	166	065:23:36.60 N	096:40:28.79 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:14:23	2	108	421	164	065:20:28.19 N	096:38:19.79 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:18:02	3	108	439	164	065:14:55.80 N	096:34:40.80 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:20:13	4	110	493	165	065:10:14.39 N	096:31:40.20 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:22:20	5	112	473	166	065:06:17.39 N	096:29:19.19 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:25:32	6	111	433	166	065:01:31.79 N	096:26:30.60 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:27:41	7	112	543	166	064:56:43.79 N	096:23:45.60 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:29:47	8	117	537	167	064:52:45.60 N	096:21:24.00 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:32:49	9	109	508	167	064:48:01.79 N	096:18:53.40 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:34:58	10	116	482	159	064:43:29.40 N	096:15:58.19 W
Summer	C-GLYF	352	SCHED	06/22/2021 16:37:08	11	69	169	223	064:40:00.59 N	096:13:10.20 W
Summer	C-GLYF	352	ARRIVAL	06/22/2021 16:39:12	1	0	77	327	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	352	XML_FLIGHT_SUMMARY	06/22/2021 16:39:13	0	0	0	0		
Summer	C-GLYF	352	SCHED	06/22/2021 16:39:27	12	0	77	327	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	353	POWER_ON	06/22/2021 17:25:18	NA	NA	NA	NA		
Summer	C-GLYF	353	SCHED	06/22/2021 17:25:57	1	0	89	212	064:39:57.60 N	096:13:49.19 W
Summer	C-GLYF	353	DEPARTURE	06/22/2021 17:26:31	1	55	155	353	064:40:06.00 N	096:14:12.60 W
Summer	C-GLYF	353	SCHED	06/22/2021 17:28:38	2	109	402	12	064:43:19.19 N	096:12:45.60 W
Summer	C-GLYF	353	SCHED	06/22/2021 17:30:53	3	112	577	11	064:47:05.99 N	096:10:57.00 W
Summer	C-GLYF	353	SCHED	06/22/2021 17:33:10	4	117	594	14	064:51:11.40 N	096:08:43.20 W
Summer	C-GLYF	353	SCHED	06/22/2021 17:35:20	5	114	562	12	064:55:28.80 N	096:06:24.59 W
Summer	C-GLYF	353	SCHED	06/22/2021 17:37:28	6	123	487	21	064:59:30.59 N	096:03:36.59 W
Summer	C-GLYF	353	SCHED	06/22/2021 17:39:36	7	0	138	312	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	353	ARRIVAL	06/22/2021 17:40:03	1	0	137	312	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	353	XML_FLIGHT_SUMMARY	06/22/2021 17:40:04	0	0	0	0		
Summer	C-GLYF	354	POWER_ON	06/22/2021 17:50:08	NA	NA	NA	NA		
Summer	C-GLYF	354	SCHED	06/22/2021 17:51:03	1	1	137	111	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	354	SCHED	06/22/2021 17:53:11	2	0	140	133	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	354	POWER_ON	06/22/2021 18:08:28	NA	NA	NA	NA		
Summer	C-GLYF	354	SCHED	06/22/2021 18:10:06	1	51	145	259	065:01:25.20 N	096:04:34.19 W
Summer	C-GLYF	354	DEPARTURE	06/22/2021 18:10:18	1	54	175	220	065:01:21.60 N	096:04:52.80 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:12:27	2	101	448	195	064:58:15.60 N	096:06:45.00 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:15:29	3	107	473	196	064:53:45.60 N	096:09:18.60 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:17:36	4	108	366	198	064:49:25.20 N	096:12:23.99 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:19:43	5	106	364	196	064:45:50.39 N	096:15:04.79 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:21:49	6	109	429	196	064:42:13.19 N	096:17:28.20 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:24:09	7	3	118	260	064:39:23.39 N	096:19:25.80 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:26:16	8	18	124	169	064:39:22.80 N	096:19:25.20 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:28:26	9	83	134	33	064:37:28.19 N	096:18:33.00 W
Summer	C-GLYF	354	SCHED	06/22/2021 18:30:36	10	0	97	9	064:39:20.99 N	096:14:55.80 W
Summer	C-GLYF	354	ARRIVAL	06/22/2021 18:31:09	1	0	96	9	064:39:20.99 N	096:14:55.80 W
Summer	C-GLYF	354	XML_FLIGHT_SUMMARY	06/22/2021 18:31:10	0	0	0	0		
Summer	C-GLYF	355	POWER_ON	06/22/2021 18:51:22	NA	NA	NA	NA		
Summer	C-GLYF	355	SCHED	06/22/2021 18:53:14	1	76	190	216	064:39:07.80 N	096:15:41.99 W
Summer	C-GLYF	355	DEPARTURE	06/22/2021 18:53:30	1	64	170	215	064:39:15.59 N	096:15:28.79 W
Summer	C-GLYF	355	SCHED	06/22/2021 18:56:02	2	0	96	94	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	355	ARRIVAL	06/22/2021 18:56:08	1	0	96	94	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	355	SCHED	06/22/2021 18:58:17	3	0	106	94	064:37:12.00 N	096:18:49.79 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:00:26	4	0	140	342	064:37:11.40 N	096:18:48.00 W
Summer	C-GLYF	355	DEPARTURE	06/22/2021 19:01:01	2	49	216	35	064:37:26.99 N	096:18:40.20 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:03:08	5	43	185	31	064:39:16.80 N	096:14:52.80 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:05:16	6	91	258	211	064:38:12.59 N	096:17:00.60 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:07:23	7	0	141	281	064:37:12.00 N	096:18:48.60 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:09:35	8	75	265	42	064:38:18.59 N	096:16:58.19 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:11:43	9	0	138	290	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:13:51	10	71	234	229	064:37:21.59 N	096:18:04.19 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:16:00	11	89	285	42	064:38:11.40 N	096:17:12.60 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:18:07	12	0	134	329	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:20:14	13	83	264	214	064:37:38.99 N	096:17:33.00 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:22:35	14	24	150	329	064:37:13.20 N	096:18:51.00 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:24:45	15	64	227	44	064:39:06.00 N	096:15:04.79 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:26:52	16	2	136	324	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:29:06	17	84	282	213	064:38:43.80 N	096:15:52.80 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:31:15	18	3	142	273	064:37:12.00 N	096:18:48.00 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:33:22	19	34	168	338	064:39:19.19 N	096:14:46.20 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:35:28	20	85	285	216	064:37:52.79 N	096:17:09.59 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:37:39	21	89	292	45	064:37:46.79 N	096:18:00.60 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:39:46	22	1	132	303	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:41:53	23	101	225	214	064:38:32.40 N	096:16:15.00 W
Summer	C-GLYF	355	SCHED	06/22/2021 19:44:00	24	0	106	295	064:37:13.80 N	096:18:41.39 W
Summer	C-GLYF	355	ARRIVAL	06/22/2021 19:44:30	2	0	106	295	064:37:13.80 N	096:18:40.80 W
Summer	C-GLYF	355	XML_FLIGHT_SUMMARY	06/22/2021 19:44:31	0	0	0	0		
Summer	C-GLYF	356	DEPARTURE	06/22/2021 19:45:21	3	90	168	39	064:37:26.39 N	096:18:51.00 W
Summer	C-GLYF	356	SCHED	06/22/2021 19:47:31	25	0	94	310	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	356	ARRIVAL	06/22/2021 19:48:15	3	0	94	310	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	356	POWER_ON	06/22/2021 20:15:27	NA	NA	NA	NA		
Summer	C-GLYF	356	SCHED	06/22/2021 20:16:36	1	77	173	119	064:39:08.39 N	096:14:41.39 W
Summer	C-GLYF	356	DEPARTURE	06/22/2021 20:16:47	1	77	173	119	064:39:08.39 N	096:14:41.39 W
Summer	C-GLYF	356	ARRIVAL	06/22/2021 20:18:46	1	0	80	127	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	356	POWER_ON	06/22/2021 20:52:18	NA	NA	NA	NA		
Summer	C-GLYF	356	SCHED	06/22/2021 20:52:48	1	0	88	179	064:39:57.00 N	096:13:49.19 W
Summer	C-GLYF	356	SCHED	06/22/2021 20:55:00	2	1	123	120	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	356	SCHED	06/22/2021 20:57:45	3	0	85	85	064:39:57.60 N	096:13:49.79 W
Summer	C-GLYF	356	DEPARTURE	06/22/2021 20:59:30	1	71	147	203	064:39:49.79 N	096:14:18.00 W
Summer	C-GLYF	356	ARRIVAL	06/22/2021 21:01:08	1	0	104	232	064:39:23.39 N	096:14:51.59 W
Summer	C-GLYF	356	DEPARTURE	06/22/2021 21:01:52	2	88	172	87	064:39:12.59 N	096:14:36.00 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:04:05	4	29	135	219	064:39:57.00 N	096:13:58.20 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:06:15	5	97	179	67	064:39:39.59 N	096:14:31.79 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:08:23	6	8	144	247	064:39:22.19 N	096:14:51.59 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:10:36	7	1	119	299	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:12:44	8	0	137	277	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:14:54	9	67	182	206	064:39:43.80 N	096:14:13.19 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:17:05	10	1	137	248	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:19:11	11	36	152	205	064:39:55.20 N	096:13:58.80 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:21:20	12	58	160	20	064:39:51.59 N	096:13:36.59 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:23:27	13	51	185	204	064:39:46.20 N	096:14:11.99 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:25:42	14	83	183	69	064:39:44.40 N	096:13:55.80 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:27:50	15	1	135	247	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:30:05	16	29	136	302	064:39:57.00 N	096:13:43.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	356	SCHED	06/22/2021 21:32:13	17	95	167	70	064:39:40.20 N	096:14:23.99 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:34:21	18	53	180	207	064:39:34.79 N	096:14:31.20 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:36:32	19	0	113	280	064:39:58.20 N	096:13:49.19 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:38:41	20	3	142	208	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:40:49	21	0	116	297	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:42:55	22	90	183	72	064:39:41.99 N	096:14:07.19 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:45:08	23	27	174	199	064:39:51.00 N	096:14:07.80 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:47:13	24	79	157	34	064:39:31.80 N	096:14:57.60 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:49:19	25	47	182	211	064:39:29.40 N	096:14:37.79 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:51:26	26	88	263	271	064:39:20.99 N	096:17:55.80 W
Summer	C-GLYF	356	SCHED	06/22/2021 21:53:40	27	0	133	45	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	356	XML_OVERDUE_REPORT	06/22/2021 22:00:56	0	0	0	0		
Summer	C-GLYF	356	XML_FLIGHT_SUMMARY	06/22/2021 22:08:12	0	0	0	0		
Summer	C-GLYF	357	POWER_ON	06/22/2021 22:08:11	NA	NA	NA	NA		
Summer	C-GLYF	357	SCHED	06/22/2021 22:08:56	1	0	127	118	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	357	DEPARTURE	06/22/2021 22:09:40	1	79	218	75	064:39:38.99 N	096:19:06.59 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:11:47	2	0	116	300	064:39:58.20 N	096:13:51.00 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:13:56	3	34	137	287	064:39:22.80 N	096:14:54.60 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:16:03	4	61	182	205	064:39:45.60 N	096:14:18.60 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:18:18	5	41	150	318	064:39:55.79 N	096:13:39.00 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:20:26	6	0	143	265	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:22:39	7	0	116	297	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:24:52	8	1	137	235	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:26:59	9	51	182	210	064:39:50.40 N	096:14:13.19 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:29:06	10	62	174	28	064:39:51.59 N	096:13:37.19 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:31:14	11	0	136	258	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:33:20	12	69	194	211	064:39:40.20 N	096:14:19.79 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:35:28	13	5	124	46	064:39:57.60 N	096:13:49.19 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:37:34	14	3	167	267	064:39:24.00 N	096:14:52.80 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:39:50	15	1	110	253	064:39:57.60 N	096:13:44.39 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:42:02	16	26	164	234	064:39:25.19 N	096:14:47.39 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:44:10	17	49	164	221	064:39:53.39 N	096:14:03.60 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:46:17	18	4	116	270	064:39:57.60 N	096:13:43.79 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:48:24	19	102	179	79	064:39:41.99 N	096:14:22.80 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:50:38	20	3	140	233	064:39:24.00 N	096:14:52.19 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:52:50	21	0	110	262	064:39:57.60 N	096:13:44.39 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:54:57	22	23	165	226	064:39:28.80 N	096:14:39.59 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:57:06	23	11	135	268	064:39:24.00 N	096:14:52.80 W
Summer	C-GLYF	357	SCHED	06/22/2021 22:59:18	24	50	208	215	064:39:32.40 N	096:14:32.39 W
Summer	C-GLYF	357	SCHED	06/22/2021 23:02:15	25	50	95	167	064:40:03.00 N	096:13:45.00 W
Summer	C-GLYF	357	ARRIVAL	06/22/2021 23:03:14	1	0	76	340	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	357	XML_FLIGHT_SUMMARY	06/22/2021 23:03:15	0	0	0	0		
Summer	C-GLYF	358	DEPARTURE	06/22/2021 23:03:47	2	77	127	216	064:39:44.99 N	096:14:19.19 W
Summer	C-GLYF	358	ARRIVAL	06/22/2021 23:05:10	2	0	94	293	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:07:24	26	1	133	103	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:09:42	27	0	137	103	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:11:57	28	4	137	183	064:39:24.00 N	096:14:51.00 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:14:05	29	0	140	337	064:39:24.00 N	096:14:51.00 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:16:16	30	0	138	210	064:39:24.00 N	096:14:51.00 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:18:27	31	0	104	335	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:20:37	32	73	151	277	064:39:25.19 N	096:15:31.79 W
Summer	C-GLYF	358	DEPARTURE	06/22/2021 23:20:44	3	73	151	277	064:39:25.19 N	096:15:31.79 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:22:54	33	0	124	123	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	358	ARRIVAL	06/22/2021 23:24:33	3	0	124	123	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	358	DEPARTURE	06/22/2021 23:24:41	4	101	182	84	064:39:18.00 N	096:18:40.80 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:26:48	34	65	192	271	064:39:23.39 N	096:15:41.39 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:28:58	35	1	161	191	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:31:10	36	1	129	251	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:33:18	37	0	132	295	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:35:37	38	5	170	184	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:38:37	39	134	231	9	064:40:35.99 N	096:14:07.19 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:41:01	40	139	364	11	064:46:12.60 N	096:11:43.20 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:43:14	41	144	428	12	064:51:52.20 N	096:08:52.80 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:45:22	42	143	401	7	064:56:52.79 N	096:06:59.39 W
Summer	C-GLYF	358	SCHED	06/22/2021 23:47:30	43	81	219	75	065:01:34.79 N	096:04:34.79 W
Summer	C-GLYF	358	ARRIVAL	06/22/2021 23:48:58	4	0	141	292	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	358	XML_FLIGHT_SUMMARY	06/22/2021 23:48:59	0	0	0	0		
Summer	C-GLYF	359	POWER_ON	06/22/2021 23:56:46	NA	NA	NA	NA		
Summer	C-GLYF	359	SCHED	06/22/2021 23:58:15	1	35	154	268	065:01:25.79 N	096:04:18.59 W
Summer	C-GLYF	359	DEPARTURE	06/22/2021 23:58:23	1	73	213	204	065:01:17.39 N	096:04:48.00 W
Summer	C-GLYF	359	SCHED	06/23/2021 00:00:33	2	106	296	190	064:57:00.59 N	096:06:46.79 W
Summer	C-GLYF	359	SCHED	06/23/2021 00:02:47	3	108	284	192	064:53:14.39 N	096:08:26.99 W
Summer	C-GLYF	359	SCHED	06/23/2021 00:04:57	4	111	245	188	064:49:11.40 N	096:10:16.80 W
Summer	C-GLYF	359	SCHED	06/23/2021 00:07:07	5	107	236	192	064:45:23.99 N	096:11:45.60 W
Summer	C-GLYF	359	SCHED	06/23/2021 00:09:26	6	107	193	195	064:41:32.40 N	096:13:34.20 W
Summer	C-GLYF	359	SCHED	06/23/2021 00:11:36	7	0	97	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	359	ARRIVAL	06/23/2021 00:11:45	1	0	96	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	359	XML_FLIGHT_SUMMARY	06/23/2021 00:11:46	0	0	0	0		
Summer	C-GLYF	360	DEPARTURE	06/23/2021 00:13:01	2	89	153	340	064:39:34.19 N	096:15:23.99 W
Summer	C-GLYF	360	SCHED	06/23/2021 00:15:10	8	140	272	13	064:44:11.40 N	096:13:24.59 W
Summer	C-GLYF	360	SCHED	06/23/2021 00:17:22	9	142	299	13	064:49:04.20 N	096:10:43.79 W
Summer	C-GLYF	360	SCHED	06/23/2021 00:19:30	10	140	307	9	064:54:06.00 N	096:08:28.80 W
Summer	C-GLYF	360	SCHED	06/23/2021 00:21:42	11	141	352	14	064:58:58.19 N	096:06:03.59 W
Summer	C-GLYF	360	SCHED	06/23/2021 00:23:50	12	0	141	171	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	360	ARRIVAL	06/23/2021 00:24:06	2	0	141	171	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	360	XML_FLIGHT_SUMMARY	06/23/2021 00:24:07	0	0	0	0		
Summer	C-GLYF	361	POWER_ON	06/23/2021 11:12:35	NA	NA	NA	NA		
Summer	C-GLYF	361	SCHED	06/23/2021 11:13:34	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	361	SCHED	06/23/2021 11:15:54	2	65	197	202	065:01:17.39 N	096:04:45.60 W
Summer	C-GLYF	361	DEPARTURE	06/23/2021 11:17:12	1	69	201	198	065:01:14.99 N	096:04:47.40 W
Summer	C-GLYF	361	SCHED	06/23/2021 11:19:24	3	110	269	191	064:55:36.60 N	096:07:19.19 W
Summer	C-GLYF	361	SCHED	06/23/2021 11:21:37	4	111	282	195	064:51:52.20 N	096:09:11.99 W
Summer	C-GLYF	361	SCHED	06/23/2021 11:27:08	5	111	311	192	064:41:55.20 N	096:13:28.79 W
Summer	C-GLYF	361	ARRIVAL	06/23/2021 11:30:24	1	0	98	325	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	361	XML_FLIGHT_SUMMARY	06/23/2021 11:30:25	0	0	0	0		
Summer	C-GLYF	361	SCHED	06/23/2021 11:30:50	6	0	97	325	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	362	DEPARTURE	06/23/2021 11:31:34	2	72	156	355	064:39:31.80 N	096:15:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	362	SCHED	06/23/2021 11:33:42	7	116	292	12	064:43:20.40 N	096:13:29.39 W
Summer	C-GLYF	362	SCHED	06/23/2021 11:35:53	8	114	281	13	064:47:20.40 N	096:11:27.60 W
Summer	C-GLYF	362	SCHED	06/23/2021 11:38:02	9	121	197	14	064:51:31.80 N	096:08:55.79 W
Summer	C-GLYF	362	SCHED	06/23/2021 11:40:09	10	118	252	8	064:55:34.79 N	096:06:53.99 W
Summer	C-GLYF	362	SCHED	06/23/2021 11:42:15	11	123	244	31	064:59:41.40 N	096:05:11.40 W
Summer	C-GLYF	362	SCHED	06/23/2021 11:45:30	12	0	141	160	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	362	ARRIVAL	06/23/2021 11:45:41	2	0	141	160	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	362	XML_FLIGHT_SUMMARY	06/23/2021 11:45:42	0	0	0	0		
Summer	C-GLYF	363	POWER_ON	06/23/2021 17:11:41	NA	NA	NA	NA		
Summer	C-GLYF	363	SCHED	06/23/2021 17:12:25	1	0	130	8	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	363	DEPARTURE	06/23/2021 17:13:26	1	50	176	34	065:01:40.20 N	096:04:26.99 W
Summer	C-GLYF	363	SCHED	06/23/2021 17:16:27	2	20	190	302	065:04:53.99 N	095:59:13.79 W
Summer	C-GLYF	363	SCHED	06/23/2021 17:18:34	3	0	169	351	065:04:56.40 N	095:59:19.19 W
Summer	C-GLYF	363	SCHED	06/23/2021 17:20:41	4	8	186	139	065:05:21.59 N	096:01:57.60 W
Summer	C-GLYF	363	ARRIVAL	06/23/2021 17:21:38	1	0	179	212	065:05:21.00 N	096:01:57.60 W
Summer	C-GLYF	363	XML_FLIGHT_SUMMARY	06/23/2021 17:21:39	0	0	0	0		
Summer	C-GLYF	364	DEPARTURE	06/23/2021 17:23:31	2	73	234	193	065:05:07.20 N	096:02:21.59 W
Summer	C-GLYF	364	SCHED	06/23/2021 17:25:40	5	46	182	289	065:01:27.00 N	096:04:03.60 W
Summer	C-GLYF	364	ARRIVAL	06/23/2021 17:26:50	2	0	132	205	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	364	XML_FLIGHT_SUMMARY	06/23/2021 17:26:51	0	0	0	0		
Summer	C-GLYF	365	POWER_ON	06/23/2021 19:19:11	NA	NA	NA	NA		
Summer	C-GLYF	365	SCHED	06/23/2021 19:19:49	1	0	150	168	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	365	DEPARTURE	06/23/2021 19:21:35	1	64	186	20	065:01:40.20 N	096:04:36.60 W
Summer	C-GLYF	365	SCHED	06/23/2021 19:23:42	2	0	137	167	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	365	ARRIVAL	06/23/2021 19:23:48	1	0	137	167	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	365	POWER_ON	06/23/2021 19:36:20	NA	NA	NA	NA		
Summer	C-GLYF	365	SCHED	06/23/2021 19:37:17	1	0	148	217	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	365	DEPARTURE	06/23/2021 19:38:05	1	77	186	222	065:01:27.00 N	096:04:45.00 W
Summer	C-GLYF	365	SCHED	06/23/2021 19:42:56	2	121	377	195	064:52:20.39 N	096:10:45.00 W
Summer	C-GLYF	365	SCHED	06/23/2021 19:45:10	3	121	376	195	064:47:52.19 N	096:13:28.20 W
Summer	C-GLYF	365	SCHED	06/23/2021 19:47:18	4	123	372	196	064:43:30.60 N	096:16:23.99 W
Summer	C-GLYF	365	SCHED	06/23/2021 19:49:32	5	92	240	181	064:39:35.40 N	096:18:51.00 W
Summer	C-GLYF	365	ARRIVAL	06/23/2021 19:51:00	1	0	124	87	064:39:22.80 N	096:19:24.59 W
Summer	C-GLYF	365	XML_FLIGHT_SUMMARY	06/23/2021 19:51:01	0	0	0	0		
Summer	C-GLYF	366	POWER_ON	06/23/2021 20:10:40	NA	NA	NA	NA		
Summer	C-GLYF	366	SCHED	06/23/2021 20:11:17	1	0	127	292	064:39:22.80 N	096:19:24.00 W
Summer	C-GLYF	366	DEPARTURE	06/23/2021 20:11:32	1	84	169	81	064:39:33.60 N	096:18:50.39 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:13:38	2	0	105	69	064:39:21.60 N	096:14:52.80 W
Summer	C-GLYF	366	ARRIVAL	06/23/2021 20:13:48	1	0	105	69	064:39:21.60 N	096:14:52.80 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:15:59	3	57	119	73	064:39:25.80 N	096:14:43.80 W
Summer	C-GLYF	366	DEPARTURE	06/23/2021 20:16:07	2	80	141	46	064:39:33.60 N	096:14:16.79 W
Summer	C-GLYF	366	ARRIVAL	06/23/2021 20:17:44	2	0	85	356	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	366	DEPARTURE	06/23/2021 20:18:30	3	71	149	251	064:39:49.79 N	096:14:26.99 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:20:39	4	2	142	294	064:39:22.80 N	096:19:25.20 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:22:47	5	37	163	40	064:39:54.00 N	096:13:48.00 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:24:54	6	93	212	239	064:39:30.60 N	096:17:32.39 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:27:00	7	3	155	202	064:39:23.39 N	096:19:24.00 W
Summer	C-GLYF	366	SCHED	06/23/2021 20:29:18	8	33	134	19	064:39:52.79 N	096:13:47.39 W
Summer	C-GLYF	366	ARRIVAL	06/23/2021 20:30:17	3	0	89	359	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	366	XML_FLIGHT_SUMMARY	06/23/2021 20:30:18	0	0	0	0		
Summer	C-GLYF	367	DEPARTURE	06/23/2021 20:31:26	4	88	143	192	064:39:47.39 N	096:14:23.99 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:33:33	9	100	156	263	064:39:26.39 N	096:16:15.60 W
Summer	C-GLYF	367	ARRIVAL	06/23/2021 20:35:36	4	0	129	53	064:39:23.39 N	096:19:24.00 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:35:43	10	0	129	53	064:39:23.39 N	096:19:24.00 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:37:55	11	0	165	293	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	367	DEPARTURE	06/23/2021 20:38:53	5	74	221	95	064:39:31.19 N	096:18:47.39 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:41:00	12	0	141	61	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:43:07	13	69	219	253	064:39:16.19 N	096:18:15.60 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:45:14	14	61	222	86	064:39:32.40 N	096:18:57.60 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:47:24	15	0	143	15	064:39:24.00 N	096:14:50.40 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:49:31	16	74	233	257	064:39:18.00 N	096:17:56.99 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:51:41	17	63	220	89	064:39:28.80 N	096:19:01.19 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:53:51	18	0	136	31	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:57:39	19	0	134	44	064:39:24.00 N	096:14:51.00 W
Summer	C-GLYF	367	SCHED	06/23/2021 20:59:45	20	11	186	356	064:39:22.19 N	096:19:23.40 W
Summer	C-GLYF	367	SCHED	06/23/2021 21:01:51	21	83	270	102	064:39:20.39 N	096:16:49.19 W
Summer	C-GLYF	367	SCHED	06/23/2021 21:04:06	22	40	148	299	064:39:25.19 N	096:14:55.80 W
Summer	C-GLYF	367	SCHED	06/23/2021 21:06:15	23	3	147	253	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	367	SCHED	06/23/2021 21:08:23	24	1	103	74	064:39:21.60 N	096:14:52.80 W
Summer	C-GLYF	367	SCHED	06/23/2021 21:10:29	25	100	189	264	064:39:26.99 N	096:16:45.59 W
Summer	C-GLYF	367	ARRIVAL	06/23/2021 21:12:20	5	0	122	81	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	367	XML_FLIGHT_SUMMARY	06/23/2021 21:12:21	0	0	0	0		
Summer	C-GLYF	368	DEPARTURE	06/23/2021 21:13:37	6	63	145	359	064:39:39.59 N	096:19:31.20 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:15:51	26	83	207	19	064:42:12.60 N	096:17:48.60 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:17:57	27	80	286	15	064:44:57.60 N	096:15:51.00 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:20:05	28	85	258	8	064:47:42.00 N	096:14:16.79 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:22:13	29	81	286	18	064:50:29.39 N	096:12:17.40 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:24:26	30	83	264	16	064:53:09.00 N	096:10:25.20 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:26:34	31	82	313	17	064:56:08.39 N	096:08:13.20 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:28:44	32	89	300	18	064:59:00.60 N	096:06:10.79 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:30:52	33	84	313	14	065:01:58.80 N	096:04:12.60 W
Summer	C-GLYF	368	SCHED	06/23/2021 21:33:19	34	64	241	14	065:04:49.19 N	096:02:15.00 W
Summer	C-GLYF	368	ARRIVAL	06/23/2021 21:34:48	6	0	161	81	065:05:18.00 N	096:01:56.99 W
Summer	C-GLYF	368	XML_FLIGHT_SUMMARY	06/23/2021 21:34:49	0	0	0	0		
Summer	C-GLYF	369	DEPARTURE	06/23/2021 21:36:22	7	83	218	206	065:05:15.59 N	096:02:29.39 W
Summer	C-GLYF	369	SCHED	06/23/2021 21:38:32	35	38	175	305	065:01:23.99 N	096:04:00.00 W
Summer	C-GLYF	369	ARRIVAL	06/23/2021 21:39:48	7	0	133	295	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	369	XML_FLIGHT_SUMMARY	06/23/2021 21:39:49	0	0	0	0		
Summer	C-GLYF	370	POWER_ON	06/23/2021 22:59:23	NA	NA	NA	NA		
Summer	C-GLYF	370	SCHED	06/23/2021 23:00:01	1	0	144	236	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	370	DEPARTURE	06/23/2021 23:01:03	1	88	213	231	065:01:28.20 N	096:04:48.60 W
Summer	C-GLYF	370	SCHED	06/23/2021 23:03:53	2	159	327	189	064:55:25.19 N	096:07:47.99 W
Summer	C-GLYF	370	SCHED	06/23/2021 23:06:02	3	145	252	191	064:49:52.80 N	096:10:21.60 W
Summer	C-GLYF	370	SCHED	06/23/2021 23:08:10	4	146	281	189	064:44:42.00 N	096:12:26.99 W
Summer	C-GLYF	370	SCHED	06/23/2021 23:10:21	5	119	196	181	064:39:38.40 N	096:14:19.19 W
Summer	C-GLYF	370	ARRIVAL	06/23/2021 23:11:49	1	0	96	85	064:39:21.60 N	096:14:52.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	370	XML_FLIGHT_SUMMARY	06/23/2021 23:11:50	0	0	0	0		
Summer	C-GLYF	371	DEPARTURE	06/23/2021 23:12:51	2	56	131	3	064:39:37.19 N	096:14:47.39 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:15:01	6	82	218	12	064:42:28.80 N	096:13:23.99 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:17:10	7	82	247	12	064:45:19.20 N	096:12:13.80 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:19:18	8	84	243	18	064:48:13.79 N	096:10:32.39 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:21:25	9	80	273	11	064:51:06.00 N	096:09:25.80 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:23:37	10	78	305	13	064:53:46.20 N	096:08:12.60 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:25:48	11	82	331	11	064:56:35.99 N	096:07:01.79 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:27:57	12	81	323	13	064:59:25.20 N	096:05:14.39 W
Summer	C-GLYF	371	SCHED	06/23/2021 23:30:04	13	1	143	67	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	371	ARRIVAL	06/23/2021 23:30:52	2	0	138	67	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	371	XML_FLIGHT_SUMMARY	06/23/2021 23:30:53	0	0	0	0		
Summer	C-GLYF	372	POWER_ON	06/24/2021 11:09:10	NA	NA	NA	NA		
Summer	C-GLYF	372	SCHED	06/24/2021 11:09:47	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	372	SCHED	06/24/2021 11:11:56	2	0	0	0	065:01:28.20 N	096:04:19.19 W
Summer	C-GLYF	372	DEPARTURE	06/24/2021 11:12:31	1	62	215	241	065:01:30.59 N	096:04:50.40 W
Summer	C-GLYF	372	SCHED	06/24/2021 11:14:43	3	149	439	189	064:57:12.60 N	096:06:48.60 W
Summer	C-GLYF	372	SCHED	06/24/2021 11:16:54	4	147	399	190	064:51:47.40 N	096:08:55.20 W
Summer	C-GLYF	372	SCHED	06/24/2021 11:19:55	5	147	310	191	064:45:25.79 N	096:11:28.79 W
Summer	C-GLYF	372	SCHED	06/24/2021 11:22:12	6	124	230	192	064:39:45.60 N	096:13:56.39 W
Summer	C-GLYF	372	ARRIVAL	06/24/2021 11:24:04	1	0	94	59	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	372	XML_FLIGHT_SUMMARY	06/24/2021 11:24:05	0	0	0	0		
Summer	C-GLYF	372	SCHED	06/24/2021 11:26:15	7	0	92	59	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	373	POWER_ON	06/24/2021 11:31:16	NA	NA	NA	NA		
Summer	C-GLYF	373	SCHED	06/24/2021 11:32:27	1	42	108	19	064:39:27.60 N	096:14:52.80 W
Summer	C-GLYF	373	DEPARTURE	06/24/2021 11:32:34	1	55	132	11	064:39:38.99 N	096:14:45.00 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:34:43	2	75	266	10	064:42:11.39 N	096:13:40.20 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:36:52	3	72	321	12	064:44:45.59 N	096:12:23.40 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:39:05	4	75	305	12	064:47:16.79 N	096:11:12.60 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:41:13	5	80	341	14	064:50:08.40 N	096:09:42.60 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:43:18	6	82	350	14	064:52:52.79 N	096:08:11.39 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:45:34	7	81	352	14	064:55:34.19 N	096:06:35.39 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:47:42	8	80	330	16	064:58:31.79 N	096:04:58.79 W
Summer	C-GLYF	373	SCHED	06/24/2021 11:50:04	9	60	275	324	065:01:05.40 N	096:02:55.20 W
Summer	C-GLYF	373	ARRIVAL	06/24/2021 11:51:51	1	0	131	286	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	373	XML_FLIGHT_SUMMARY	06/24/2021 11:51:52	0	0	0	0		
Summer	C-GLYF	374	POWER_ON	06/24/2021 14:09:35	NA	NA	NA	NA		
Summer	C-GLYF	374	SCHED	06/24/2021 14:10:14	1	0	146	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	374	POWER_ON	06/24/2021 14:21:16	NA	NA	NA	NA		
Summer	C-GLYF	374	SCHED	06/24/2021 14:21:54	1	0	135	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	374	DEPARTURE	06/24/2021 14:23:21	1	87	226	220	065:01:25.79 N	096:04:46.79 W
Summer	C-GLYF	374	SCHED	06/24/2021 14:25:31	2	137	310	195	064:57:07.19 N	096:07:43.79 W
Summer	C-GLYF	374	SCHED	06/24/2021 14:27:38	3	138	294	198	064:52:22.19 N	096:11:00.00 W
Summer	C-GLYF	374	SCHED	06/24/2021 14:29:44	4	138	265	193	064:47:43.80 N	096:14:08.99 W
Summer	C-GLYF	374	SCHED	06/24/2021 14:31:57	5	138	279	194	064:43:05.99 N	096:16:51.60 W
Summer	C-GLYF	374	SCHED	06/24/2021 14:34:10	6	11	134	9	064:39:22.19 N	096:19:24.59 W
Summer	C-GLYF	374	ARRIVAL	06/24/2021 14:35:01	1	0	125	68	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	374	XML_FLIGHT_SUMMARY	06/24/2021 14:35:02	0	0	0	0		
Summer	C-GLYF	374	SCHED	06/24/2021 14:37:09	7	0	124	68	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	375	DEPARTURE	06/24/2021 14:38:08	2	92	180	85	064:39:31.19 N	096:18:49.19 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:40:20	8	0	80	12	064:39:57.00 N	096:13:50.40 W
Summer	C-GLYF	375	ARRIVAL	06/24/2021 14:40:29	2	0	79	12	064:39:57.00 N	096:13:50.40 W
Summer	C-GLYF	375	DEPARTURE	06/24/2021 14:41:24	3	67	149	253	064:39:58.79 N	096:14:26.40 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:43:31	9	0	126	68	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	375	ARRIVAL	06/24/2021 14:44:06	3	0	126	68	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:46:11	10	0	125	68	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	375	DEPARTURE	06/24/2021 14:48:19	4	77	228	89	064:39:27.60 N	096:18:38.99 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:50:27	11	1	111	354	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:52:33	12	0	113	269	064:39:57.60 N	096:13:51.00 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:54:42	13	0	113	228	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	375	SCHED	06/24/2021 14:56:49	14	0	129	317	064:39:22.19 N	096:14:51.59 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:00:30	15	0	130	332	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:02:44	16	59	173	44	064:39:41.99 N	096:14:12.60 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:04:50	17	10	136	322	064:39:20.99 N	096:14:52.19 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:07:05	18	0	114	18	064:39:58.20 N	096:13:51.00 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:09:12	19	70	178	37	064:39:40.20 N	096:14:11.40 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:11:20	20	76	196	190	064:39:32.99 N	096:14:28.20 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:13:28	21	0	110	30	064:39:58.20 N	096:13:50.40 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:15:38	22	1	130	306	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:18:29	23	35	178	239	064:39:20.39 N	096:14:43.20 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:20:41	24	1	120	22	064:39:58.20 N	096:13:49.79 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:22:49	25	60	171	34	064:39:47.39 N	096:14:00.60 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:25:00	26	66	204	202	064:39:47.99 N	096:14:26.40 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:27:10	27	29	150	11	064:39:55.20 N	096:13:51.59 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:29:20	28	1	130	333	064:39:22.19 N	096:14:53.39 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:31:28	29	5	93	346	064:39:07.80 N	096:16:53.39 W
Summer	C-GLYF	375	SCHED	06/24/2021 15:33:47	30	0	81	18	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	375	ARRIVAL	06/24/2021 15:34:06	4	0	80	18	064:39:57.60 N	096:13:50.40 W
Summer	C-GLYF	375	XML_FLIGHT_SUMMARY	06/24/2021 15:34:07	0	0	0	0		
Summer	C-GLYF	376	DEPARTURE	06/24/2021 15:35:05	5	86	157	228	064:39:52.79 N	096:14:30.00 W
Summer	C-GLYF	376	ARRIVAL	06/24/2021 15:37:01	5	0	79	28	064:39:06.59 N	096:16:53.39 W
Summer	C-GLYF	376	DEPARTURE	06/24/2021 15:38:28	6	72	197	85	064:39:10.80 N	096:16:13.20 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:40:41	31	58	207	239	064:39:16.19 N	096:15:41.39 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:43:01	32	6	112	64	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:45:10	33	70	216	240	064:39:12.59 N	096:15:54.60 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:47:19	34	30	174	38	064:39:19.19 N	096:14:56.99 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:49:28	35	36	169	282	064:39:02.39 N	096:16:44.39 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:51:36	36	3	145	21	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:53:43	37	0	118	10	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:55:55	38	55	213	244	064:39:20.39 N	096:15:28.20 W
Summer	C-GLYF	376	SCHED	06/24/2021 15:58:07	39	87	226	86	064:39:12.59 N	096:15:38.40 W
Summer	C-GLYF	376	SCHED	06/24/2021 16:00:16	40	29	157	261	064:39:22.19 N	096:14:58.80 W
Summer	C-GLYF	376	SCHED	06/24/2021 16:02:30	41	1	122	31	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	376	SCHED	06/24/2021 16:04:52	42	14	128	342	064:39:20.39 N	096:14:52.80 W
Summer	C-GLYF	376	ARRIVAL	06/24/2021 16:05:46	6	0	103	58	064:39:22.19 N	096:14:53.39 W
Summer	C-GLYF	376	XML_FLIGHT_SUMMARY	06/24/2021 16:05:47	0	0	0	0		
Summer	C-GLYF	377	DEPARTURE	06/24/2021 16:06:45	7	87	158	251	064:39:26.99 N	096:15:29.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	377	SCHED	06/24/2021 16:08:53	43	0	75	32	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	377	ARRIVAL	06/24/2021 16:09:46	7	0	74	32	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	377	POWER_ON	06/24/2021 16:30:52	NA	NA	NA	NA		
Summer	C-GLYF	377	SCHED	06/24/2021 16:31:30	1	0	78	0	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	377	DEPARTURE	06/24/2021 16:33:09	1	84	152	101	064:39:14.39 N	096:16:18.60 W
Summer	C-GLYF	377	SCHED	06/24/2021 16:35:21	2	0	101	67	064:39:21.60 N	096:14:53.39 W
Summer	C-GLYF	377	ARRIVAL	06/24/2021 16:35:30	1	0	101	67	064:39:21.60 N	096:14:53.39 W
Summer	C-GLYF	377	SCHED	06/24/2021 16:37:42	3	0	96	57	064:39:22.80 N	096:14:54.60 W
Summer	C-GLYF	377	POWER_ON	06/24/2021 17:34:56	NA	NA	NA	NA		
Summer	C-GLYF	377	SCHED	06/24/2021 17:35:35	1	0	107	339	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	377	DEPARTURE	06/24/2021 17:37:18	1	59	163	269	064:39:26.99 N	096:15:28.79 W
Summer	C-GLYF	377	ARRIVAL	06/24/2021 17:38:58	1	0	71	332	064:39:07.19 N	096:16:53.39 W
Summer	C-GLYF	377	DEPARTURE	06/24/2021 17:40:20	2	62	122	297	064:39:20.39 N	096:17:10.20 W
Summer	C-GLYF	377	ARRIVAL	06/24/2021 17:42:12	2	0	120	88	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:44:23	2	2	113	76	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	377	DEPARTURE	06/24/2021 17:46:07	3	74	226	98	064:39:27.60 N	096:18:42.60 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:48:15	3	0	138	85	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:50:22	4	73	232	272	064:39:13.19 N	096:18:13.20 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:52:29	5	85	266	108	064:39:22.19 N	096:18:06.59 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:54:45	6	1	133	56	064:39:22.80 N	096:14:51.59 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:56:51	7	1	152	17	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	377	SCHED	06/24/2021 17:59:05	8	23	162	55	064:39:21.60 N	096:14:56.39 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:01:14	9	44	179	262	064:39:23.39 N	096:15:23.99 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:03:23	10	29	204	299	064:39:15.00 N	096:19:04.20 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:05:50	11	42	183	70	064:39:24.60 N	096:19:12.60 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:07:56	12	2	127	347	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:10:04	13	32	158	270	064:39:23.39 N	096:15:02.39 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:12:18	14	28	216	312	064:39:17.39 N	096:19:14.39 W
Summer	C-GLYF	377	SCHED	06/24/2021 18:14:26	15	0	121	29	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	377	ARRIVAL	06/24/2021 18:15:23	3	0	117	314	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	377	XML_FLIGHT_SUMMARY	06/24/2021 18:15:24	0	0	0	0		
Summer	C-GLYF	378	POWER_ON	06/24/2021 18:28:31	NA	NA	NA	NA		
Summer	C-GLYF	378	SCHED	06/24/2021 18:30:36	1	0	123	195	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	378	DEPARTURE	06/24/2021 18:31:54	1	58	155	5	064:39:39.59 N	096:19:33.59 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:34:03	2	88	300	17	064:42:31.20 N	096:17:32.39 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:36:20	3	92	427	15	064:45:31.20 N	096:15:40.20 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:38:28	4	87	378	17	064:48:53.40 N	096:13:19.19 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:41:33	5	92	355	17	064:52:39.60 N	096:10:38.40 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:43:40	6	90	358	18	064:56:18.60 N	096:07:44.40 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:45:48	7	92	344	29	064:59:15.60 N	096:04:40.20 W
Summer	C-GLYF	378	SCHED	06/24/2021 18:47:59	8	27	161	266	065:01:25.20 N	096:04:07.80 W
Summer	C-GLYF	378	XML_OVERDUE_REPORT	06/24/2021 18:55:13	0	0	0	0		
Summer	C-GLYF	378	XML_FLIGHT_SUMMARY	06/24/2021 18:57:41	0	0	0	0		
Summer	C-GLYF	379	POWER_ON	06/24/2021 18:57:40	NA	NA	NA	NA		
Summer	C-GLYF	379	SCHED	06/24/2021 18:59:15	1	0	138	76	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	379	SCHED	06/24/2021 19:01:26	2	0	138	76	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	379	DEPARTURE	06/24/2021 19:03:22	1	46	168	287	065:01:36.59 N	096:04:47.40 W
Summer	C-GLYF	379	ARRIVAL	06/24/2021 19:05:16	1	0	136	64	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	POWER_ON	06/24/2021 19:47:36	NA	NA	NA	NA		
Summer	C-GLYF	379	SCHED	06/24/2021 19:48:12	1	0	139	238	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	SCHED	06/24/2021 19:50:23	2	0	137	238	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	SCHED	06/24/2021 19:52:33	3	0	137	238	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	379	SCHED	06/24/2021 19:54:43	4	0	135	238	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	379	SCHED	06/24/2021 19:56:51	5	0	137	238	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	SCHED	06/24/2021 19:59:00	6	0	135	238	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	SCHED	06/24/2021 20:01:08	7	0	136	238	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	SCHED	06/24/2021 20:03:20	8	2	137	186	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	DEPARTURE	06/24/2021 20:03:50	1	56	196	323	065:01:38.39 N	096:04:43.19 W
Summer	C-GLYF	379	SCHED	06/24/2021 20:06:14	9	0	139	62	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	ARRIVAL	06/24/2021 20:06:47	1	0	138	62	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	POWER_ON	06/24/2021 23:03:30	NA	NA	NA	NA		
Summer	C-GLYF	379	SCHED	06/24/2021 23:04:09	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	379	DEPARTURE	06/24/2021 23:05:30	1	83	255	198	065:01:21.60 N	096:05:13.20 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:07:39	2	131	382	211	064:57:06.60 N	096:09:06.00 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:09:46	3	136	446	197	064:52:54.59 N	096:13:58.80 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:11:54	4	141	448	189	064:48:03.59 N	096:15:53.39 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:14:52	5	149	435	178	064:41:44.40 N	096:17:04.19 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:17:01	6	0	89	72	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	379	ARRIVAL	06/24/2021 23:17:26	1	0	89	72	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	379	XML_FLIGHT_SUMMARY	06/24/2021 23:17:27	0	0	0	0		
Summer	C-GLYF	379	SCHED	06/24/2021 23:19:36	7	0	85	72	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:22:38	8	0	82	72	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	379	SCHED	06/24/2021 23:24:47	9	0	79	72	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	380	DEPARTURE	06/24/2021 23:25:13	2	56	120	359	064:39:37.80 N	096:14:53.39 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:27:22	10	85	298	357	064:42:22.80 N	096:15:11.40 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:29:28	11	89	390	358	064:45:24.59 N	096:15:28.79 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:31:34	12	85	391	7	064:48:33.00 N	096:15:12.60 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:33:46	13	92	441	14	064:51:37.19 N	096:13:40.20 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:35:55	14	97	427	24	064:54:47.99 N	096:10:42.60 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:38:07	15	96	427	21	064:57:56.39 N	096:07:30.60 W
Summer	C-GLYF	380	SCHED	06/24/2021 23:40:21	16	67	263	19	065:00:55.80 N	096:04:52.80 W
Summer	C-GLYF	380	ARRIVAL	06/24/2021 23:42:04	2	0	144	24	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	380	XML_FLIGHT_SUMMARY	06/24/2021 23:42:05	0	0	0	0		
Summer	C-GLYF	381	POWER_ON	06/25/2021 11:12:44	NA	NA	NA	NA		
Summer	C-GLYF	381	SCHED	06/25/2021 11:13:24	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	381	SCHED	06/25/2021 11:15:32	2	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	381	SCHED	06/25/2021 11:17:44	3	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	381	DEPARTURE	06/25/2021 11:18:29	1	121	0	202	064:56:06.00 N	096:09:22.19 W
Summer	C-GLYF	381	SCHED	06/25/2021 11:20:48	4	128	197	197	064:51:54.59 N	096:12:59.39 W
Summer	C-GLYF	381	SCHED	06/25/2021 11:23:05	5	132	236	177	064:47:07.80 N	096:15:13.19 W
Summer	C-GLYF	381	SCHED	06/25/2021 11:25:12	6	124	225	200	064:42:17.99 N	096:16:17.39 W
Summer	C-GLYF	381	SCHED	06/25/2021 11:27:23	7	8	103	25	064:39:22.19 N	096:14:54.60 W
Summer	C-GLYF	381	ARRIVAL	06/25/2021 11:28:42	1	0	97	41	064:39:22.80 N	096:14:53.99 W
Summer	C-GLYF	381	XML_FLIGHT_SUMMARY	06/25/2021 11:28:43	0	0	0	0		
Summer	C-GLYF	382	POWER_ON	06/25/2021 11:35:32	NA	NA	NA	NA		
Summer	C-GLYF	382	SCHED	06/25/2021 11:36:10	1	0	98	11	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	382	DEPARTURE	06/25/2021 11:38:02	1	64	201	258	064:39:23.39 N	096:15:31.20 W
Summer	C-GLYF	382	SCHED	06/25/2021 11:40:10	2	0	159	342	064:39:23.39 N	096:19:26.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	382	ARRIVAL	06/25/2021 11:42:06	1	0	121	247	064:39:23.39 N	096:19:25.20 W
Summer	C-GLYF	382	DEPARTURE	06/25/2021 11:43:33	2	99	226	103	064:39:26.99 N	096:18:34.79 W
Summer	C-GLYF	382	SCHED	06/25/2021 11:45:40	3	0	131	36	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	382	SCHED	06/25/2021 11:47:47	4	31	196	324	064:39:19.19 N	096:19:20.40 W
Summer	C-GLYF	382	ARRIVAL	06/25/2021 11:49:26	2	0	128	156	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	382	XML_FLIGHT_SUMMARY	06/25/2021 11:49:27	0	0	0	0		
Summer	C-GLYF	383	DEPARTURE	06/25/2021 11:51:18	3	102	180	96	064:39:30.60 N	096:18:41.39 W
Summer	C-GLYF	383	ARRIVAL	06/25/2021 11:53:20	3	0	91	69	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	383	SCHED	06/25/2021 11:53:29	5	0	91	69	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	383	DEPARTURE	06/25/2021 11:54:09	4	72	135	358	064:39:40.79 N	096:14:55.80 W
Summer	C-GLYF	383	SCHED	06/25/2021 11:56:20	6	93	213	358	064:42:59.39 N	096:15:21.59 W
Summer	C-GLYF	383	SCHED	06/25/2021 11:58:29	7	96	230	4	064:46:20.99 N	096:15:20.99 W
Summer	C-GLYF	383	SCHED	06/25/2021 12:00:39	8	98	236	12	064:49:45.60 N	096:14:20.40 W
Summer	C-GLYF	383	SCHED	06/25/2021 12:02:47	9	101	242	18	064:53:15.59 N	096:12:36.59 W
Summer	C-GLYF	383	SCHED	06/25/2021 12:04:53	10	101	263	29	064:56:30.00 N	096:09:04.19 W
Summer	C-GLYF	383	SCHED	06/25/2021 12:07:00	11	103	225	32	064:59:36.59 N	096:05:03.60 W
Summer	C-GLYF	383	SCHED	06/25/2021 12:09:09	12	0	136	297	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	383	ARRIVAL	06/25/2021 12:09:51	4	0	135	297	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	383	XML_FLIGHT_SUMMARY	06/25/2021 12:09:52	0	0	0	0		
Summer	C-GLYF	384	POWER_ON	06/25/2021 13:54:31	NA	NA	NA	NA		
Summer	C-GLYF	384	SCHED	06/25/2021 13:55:06	1	0	145	286	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	384	SCHED	06/25/2021 13:57:18	2	0	144	327	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	384	POWER_ON	06/25/2021 16:46:13	NA	NA	NA	NA		
Summer	C-GLYF	384	SCHED	06/25/2021 16:48:13	1	0	130	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	384	SCHED	06/25/2021 16:50:22	2	0	131	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	384	DEPARTURE	06/25/2021 16:51:36	1	72	210	217	065:01:23.40 N	096:04:53.40 W
Summer	C-GLYF	384	SCHED	06/25/2021 16:53:49	3	126	425	198	064:57:15.60 N	096:08:21.60 W
Summer	C-GLYF	384	SCHED	06/25/2021 16:55:57	4	130	424	194	064:52:41.99 N	096:11:22.19 W
Summer	C-GLYF	384	SCHED	06/25/2021 16:58:04	5	130	371	196	064:48:15.59 N	096:14:08.99 W
Summer	C-GLYF	384	SCHED	06/25/2021 17:00:11	6	128	357	197	064:43:51.59 N	096:16:54.59 W
Summer	C-GLYF	384	SCHED	06/25/2021 17:03:11	7	136	316	193	064:38:28.19 N	096:20:37.19 W
Summer	C-GLYF	384	SCHED	06/25/2021 17:05:21	8	0	102	50	064:36:19.20 N	096:21:55.20 W
Summer	C-GLYF	384	ARRIVAL	06/25/2021 17:05:28	1	0	102	50	064:36:19.20 N	096:21:55.20 W
Summer	C-GLYF	384	XML_FLIGHT_SUMMARY	06/25/2021 17:05:29	0	0	0	0		
Summer	C-GLYF	385	DEPARTURE	06/25/2021 17:07:06	2	65	146	19	064:36:35.39 N	096:21:46.79 W
Summer	C-GLYF	385	SCHED	06/25/2021 17:09:16	9	46	177	10	064:39:16.80 N	096:19:25.80 W
Summer	C-GLYF	385	ARRIVAL	06/25/2021 17:10:50	2	0	130	163	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	385	XML_FLIGHT_SUMMARY	06/25/2021 17:10:51	0	0	0	0		
Summer	C-GLYF	386	POWER_ON	06/25/2021 19:38:49	NA	NA	NA	NA		
Summer	C-GLYF	386	SCHED	06/25/2021 19:39:28	1	0	145	169	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:41:37	2	50	200	69	064:39:31.19 N	096:19:06.59 W
Summer	C-GLYF	386	DEPARTURE	06/25/2021 19:41:43	1	63	215	88	064:39:32.40 N	096:18:51.60 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:43:53	3	0	148	37	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:46:03	4	74	245	263	064:39:16.80 N	096:17:27.60 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:48:17	5	52	199	68	064:39:28.19 N	096:19:13.20 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:50:30	6	0	141	52	064:39:24.00 N	096:14:51.00 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:52:36	7	31	196	317	064:39:18.60 N	096:19:19.79 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:54:45	8	95	290	100	064:39:18.60 N	096:16:04.19 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:56:58	9	91	266	263	064:39:15.59 N	096:17:28.20 W
Summer	C-GLYF	386	SCHED	06/25/2021 19:59:15	10	83	261	99	064:39:24.60 N	096:18:05.99 W
Summer	C-GLYF	386	SCHED	06/25/2021 20:01:29	11	66	178	269	064:39:25.80 N	096:15:20.40 W
Summer	C-GLYF	386	SCHED	06/25/2021 20:03:36	12	13	169	15	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	386	SCHED	06/25/2021 20:05:46	13	2	152	42	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	386	SCHED	06/25/2021 20:07:55	14	28	225	326	064:39:18.60 N	096:19:21.59 W
Summer	C-GLYF	386	SCHED	06/25/2021 20:10:08	15	5	170	261	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	386	SCHED	06/25/2021 20:12:16	16	1	168	306	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	386	ARRIVAL	06/25/2021 20:14:11	1	0	131	242	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	386	XML_FLIGHT_SUMMARY	06/25/2021 20:14:12	0	0	0	0		
Summer	C-GLYF	387	POWER_ON	06/25/2021 20:23:11	NA	NA	NA	NA		
Summer	C-GLYF	387	SCHED	06/25/2021 20:24:24	1	65	133	257	064:39:24.60 N	096:19:35.40 W
Summer	C-GLYF	387	DEPARTURE	06/25/2021 20:24:33	1	71	129	248	064:39:20.99 N	096:20:08.40 W
Summer	C-GLYF	387	SCHED	06/25/2021 20:26:54	2	0	101	340	064:36:42.60 N	096:22:55.20 W
Summer	C-GLYF	387	SCHED	06/25/2021 20:28:59	3	26	113	21	064:36:13.79 N	096:21:01.20 W
Summer	C-GLYF	387	ARRIVAL	06/25/2021 20:30:07	1	0	95	56	064:36:15.59 N	096:20:58.79 W
Summer	C-GLYF	387	XML_FLIGHT_SUMMARY	06/25/2021 20:30:08	0	0	0	0		
Summer	C-GLYF	387	SCHED	06/25/2021 20:32:17	4	0	98	86	064:36:12.00 N	096:21:12.60 W
Summer	C-GLYF	388	DEPARTURE	06/25/2021 20:33:51	2	62	139	7	064:36:27.59 N	096:21:16.79 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:35:58	5	87	298	13	064:39:20.99 N	096:19:53.99 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:38:05	6	85	331	13	064:42:22.19 N	096:18:22.79 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:40:10	7	84	401	12	064:45:15.60 N	096:16:46.19 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:42:20	8	88	403	12	064:48:14.99 N	096:15:14.40 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:44:31	9	89	453	14	064:51:14.39 N	096:13:20.99 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:46:38	10	94	485	24	064:54:19.19 N	096:10:43.20 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:48:45	11	87	460	26	064:57:10.20 N	096:07:42.60 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:50:53	12	94	388	33	064:59:56.99 N	096:03:44.39 W
Summer	C-GLYF	388	SCHED	06/25/2021 20:53:08	13	0	143	294	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	388	ARRIVAL	06/25/2021 20:53:44	2	0	142	294	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	388	XML_FLIGHT_SUMMARY	06/25/2021 20:53:45	0	0	0	0		
Summer	C-GLYF	389	POWER_ON	06/25/2021 21:09:40	NA	NA	NA	NA		
Summer	C-GLYF	389	SCHED	06/25/2021 21:10:22	1	0	144	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	389	SCHED	06/25/2021 21:13:02	2	0	132	21	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	389	POWER_ON	06/25/2021 22:10:55	NA	NA	NA	NA		
Summer	C-GLYF	389	SCHED	06/25/2021 22:11:23	1	0	145	227	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:13:40	2	40	213	268	065:01:31.19 N	096:04:28.20 W
Summer	C-GLYF	389	DEPARTURE	06/25/2021 22:13:51	1	51	237	235	065:01:28.79 N	096:04:43.80 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:16:07	3	92	430	186	064:58:22.19 N	096:06:06.00 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:18:14	4	97	511	177	064:54:51.00 N	096:06:19.79 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:20:29	5	96	507	180	064:51:23.39 N	096:06:04.79 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:22:39	6	94	538	185	064:47:52.80 N	096:06:41.99 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:24:55	7	95	534	182	064:44:29.40 N	096:07:14.39 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:27:02	8	92	568	186	064:41:00.00 N	096:08:00.00 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:29:09	9	94	560	190	064:37:46.79 N	096:09:15.59 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:31:25	10	99	585	168	064:34:28.20 N	096:09:44.39 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:33:41	11	104	569	162	064:30:45.00 N	096:07:04.20 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:35:48	12	97	470	161	064:27:22.19 N	096:04:27.60 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:37:57	13	99	370	159	064:24:10.80 N	096:01:35.40 W
Summer	C-GLYF	389	SCHED	06/25/2021 22:41:18	14	95	286	173	064:19:19.20 N	095:57:41.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	389	SCHED	06/25/2021 22:43:28	15	0	20	226	064:18:22.79 N	095:57:12.60 W
Summer	C-GLYF	389	ARRIVAL	06/25/2021 22:44:05	1	0	20	226	064:18:22.79 N	095:57:12.60 W
Summer	C-GLYF	389	XML_FLIGHT_SUMMARY	06/25/2021 22:44:06	0	0	0	0		
Summer	C-GLYF	390	POWER_ON	06/25/2021 22:54:00	NA	NA	NA	NA		
Summer	C-GLYF	390	SCHED	06/25/2021 22:54:38	1	0	12	218	064:18:22.79 N	095:57:11.99 W
Summer	C-GLYF	390	DEPARTURE	06/25/2021 22:56:21	1	52	109	40	064:18:36.00 N	095:56:58.80 W
Summer	C-GLYF	390	SCHED	06/25/2021 22:58:29	2	91	387	338	064:22:24.00 N	095:59:11.99 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:00:45	3	95	403	340	064:25:25.19 N	096:01:49.19 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:02:54	4	93	415	339	064:28:46.79 N	096:04:39.60 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:05:03	5	93	448	344	064:31:56.99 N	096:07:10.20 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:07:12	6	92	429	350	064:35:09.59 N	096:09:00.00 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:09:22	7	95	467	1	064:38:30.00 N	096:09:09.00 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:11:32	8	101	461	1	064:41:59.39 N	096:08:48.60 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:13:42	9	96	434	6	064:45:26.40 N	096:08:14.39 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:15:52	10	97	454	7	064:48:48.00 N	096:07:29.39 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:18:01	11	100	449	7	064:52:13.80 N	096:06:35.39 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:20:19	12	96	454	7	064:55:40.20 N	096:05:39.59 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:22:31	13	101	370	4	064:59:23.99 N	096:04:53.99 W
Summer	C-GLYF	390	SCHED	06/25/2021 23:24:38	14	0	137	56	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	390	ARRIVAL	06/25/2021 23:25:04	1	0	136	56	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	390	XML_FLIGHT_SUMMARY	06/25/2021 23:25:05	0	0	0	0		
Summer	C-GLYF	391	POWER_ON	06/26/2021 11:08:52	NA	NA	NA	NA		
Summer	C-GLYF	391	SCHED	06/26/2021 11:09:32	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	391	DEPARTURE	06/26/2021 11:11:50	1	68	193	261	065:01:34.20 N	096:04:51.60 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:14:46	2	113	521	202	064:57:15.60 N	096:08:39.59 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:18:47	3	116	546	189	064:49:35.39 N	096:13:32.99 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:20:54	4	107	524	180	064:45:18.59 N	096:14:12.60 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:23:05	5	115	346	185	064:41:28.80 N	096:14:37.19 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:25:11	6	0	92	135	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	391	ARRIVAL	06/26/2021 11:25:35	1	0	91	135	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	391	XML_FLIGHT_SUMMARY	06/26/2021 11:25:36	0	0	0	0		
Summer	C-GLYF	391	SCHED	06/26/2021 11:27:42	7	0	90	135	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:29:55	8	0	89	135	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:32:09	9	0	90	135	064:39:22.80 N	096:14:53.99 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:34:16	10	0	90	135	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	391	SCHED	06/26/2021 11:36:22	11	0	91	327	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	392	DEPARTURE	06/26/2021 11:38:25	2	67	154	11	064:39:37.80 N	096:14:58.20 W
Summer	C-GLYF	392	SCHED	06/26/2021 11:40:32	12	110	479	1	064:43:13.80 N	096:14:42.00 W
Summer	C-GLYF	392	SCHED	06/26/2021 11:42:39	13	112	537	10	064:47:12.60 N	096:14:17.39 W
Summer	C-GLYF	392	SCHED	06/26/2021 11:44:46	14	115	539	13	064:51:05.40 N	096:12:07.80 W
Summer	C-GLYF	392	SCHED	06/26/2021 11:46:55	15	114	574	18	064:54:57.60 N	096:09:31.19 W
Summer	C-GLYF	392	SCHED	06/26/2021 11:49:02	16	122	458	14	064:58:56.39 N	096:06:38.39 W
Summer	C-GLYF	392	SCHED	06/26/2021 11:51:11	17	5	144	258	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	392	ARRIVAL	06/26/2021 11:51:58	2	0	136	273	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	392	XML_FLIGHT_SUMMARY	06/26/2021 11:51:59	0	0	0	0		
Summer	C-GLYF	393	POWER_ON	06/26/2021 12:21:28	NA	NA	NA	NA		
Summer	C-GLYF	393	SCHED	06/26/2021 12:22:24	1	0	139	292	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	393	SCHED	06/26/2021 12:25:36	2	0	135	140	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	393	POWER_ON	06/26/2021 14:59:59	NA	NA	NA	NA		
Summer	C-GLYF	393	SCHED	06/26/2021 15:00:40	1	0	148	233	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	393	DEPARTURE	06/26/2021 15:02:20	1	69	216	348	065:01:38.39 N	096:03:57.60 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:04:40	2	79	279	172	065:00:52.19 N	096:04:37.80 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:06:51	3	85	300	12	065:01:59.40 N	096:01:58.19 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:09:01	4	90	292	104	065:02:10.79 N	096:04:13.20 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:11:19	5	93	264	3	065:03:53.40 N	095:59:28.79 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:13:31	6	92	260	324	065:05:25.80 N	096:03:28.80 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:15:41	7	85	223	19	065:08:20.99 N	096:06:13.20 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:17:48	8	80	202	340	065:11:00.59 N	096:09:25.20 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:19:57	9	86	216	312	065:12:51.59 N	096:13:37.80 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:22:06	10	91	232	267	065:13:23.99 N	096:20:29.39 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:24:15	11	90	234	335	065:13:42.00 N	096:26:52.19 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:26:27	12	86	271	55	065:16:00.60 N	096:25:59.39 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:28:35	13	89	253	335	065:18:48.00 N	096:24:54.59 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:30:42	14	98	277	316	065:20:19.20 N	096:31:49.19 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:32:55	15	94	279	2	065:22:49.20 N	096:35:56.99 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:35:05	16	91	271	198	065:24:40.20 N	096:38:50.99 W
Summer	C-GLYF	393	SCHED	06/26/2021 15:37:13	17	0	162	11	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	393	ARRIVAL	06/26/2021 15:37:21	1	0	161	11	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	393	XML_FLIGHT_SUMMARY	06/26/2021 15:37:22	0	0	0	0		
Summer	C-GLYF	394	POWER_ON	06/26/2021 15:55:17	NA	NA	NA	NA		
Summer	C-GLYF	394	SCHED	06/26/2021 15:56:07	1	0	159	7	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	394	DEPARTURE	06/26/2021 15:56:40	1	52	219	66	065:23:56.40 N	096:39:55.20 W
Summer	C-GLYF	394	SCHED	06/26/2021 15:58:51	2	73	295	285	065:25:10.80 N	096:41:45.00 W
Summer	C-GLYF	394	SCHED	06/26/2021 16:01:09	3	65	267	101	065:24:11.39 N	096:43:55.80 W
Summer	C-GLYF	394	SCHED	06/26/2021 16:03:18	4	69	298	290	065:23:27.60 N	096:44:27.60 W
Summer	C-GLYF	394	SCHED	06/26/2021 16:05:26	5	63	274	87	065:23:43.20 N	096:41:18.60 W
Summer	C-GLYF	394	SCHED	06/26/2021 16:07:37	6	40	211	3	065:23:47.39 N	096:40:34.19 W
Summer	C-GLYF	394	ARRIVAL	06/26/2021 16:08:46	1	0	155	44	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	394	XML_FLIGHT_SUMMARY	06/26/2021 16:08:47	0	0	0	0		
Summer	C-GLYF	395	DEPARTURE	06/26/2021 16:09:53	2	68	223	143	065:23:46.20 N	096:39:56.39 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:12:05	7	111	466	145	065:20:52.80 N	096:34:53.99 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:14:13	8	114	603	147	065:17:34.80 N	096:29:36.59 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:16:20	9	113	576	146	065:14:15.60 N	096:24:20.40 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:18:27	10	112	575	146	065:11:00.59 N	096:19:08.99 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:20:44	11	112	581	143	065:07:46.19 N	096:13:47.39 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:22:51	12	108	433	145	065:04:16.79 N	096:07:53.40 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:24:56	13	54	305	316	065:02:31.19 N	096:02:56.40 W
Summer	C-GLYF	395	SCHED	06/26/2021 16:27:22	14	65	234	103	065:01:34.79 N	096:04:58.79 W
Summer	C-GLYF	395	ARRIVAL	06/26/2021 16:28:32	2	0	150	260	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	395	XML_FLIGHT_SUMMARY	06/26/2021 16:28:33	0	0	0	0		
Summer	C-GLYF	396	POWER_ON	06/26/2021 16:38:32	NA	NA	NA	NA		
Summer	C-GLYF	396	SCHED	06/26/2021 16:38:58	1	0	137	313	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	396	SCHED	06/26/2021 16:41:06	2	0	139	104	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	396	POWER_ON	06/26/2021 18:47:05	NA	NA	NA	NA		
Summer	C-GLYF	396	SCHED	06/26/2021 18:47:45	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	396	SCHED	06/26/2021 18:49:54	2	104	364	197	065:00:30.59 N	096:05:41.39 W
Summer	C-GLYF	396	DEPARTURE	06/26/2021 18:50:12	1	108	404	197	065:00:10.19 N	096:05:55.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	396	SCHED	06/26/2021 18:52:20	3	120	600	195	064:55:59.39 N	096:08:40.80 W
Summer	C-GLYF	396	SCHED	06/26/2021 18:54:28	4	123	623	197	064:51:53.40 N	096:11:31.79 W
Summer	C-GLYF	396	SCHED	06/26/2021 18:56:37	5	123	590	198	064:47:46.80 N	096:14:37.79 W
Summer	C-GLYF	396	SCHED	06/26/2021 18:58:45	6	123	585	191	064:43:32.39 N	096:17:10.80 W
Summer	C-GLYF	396	SCHED	06/26/2021 19:01:00	7	79	253	190	064:39:34.19 N	096:19:56.99 W
Summer	C-GLYF	396	ARRIVAL	06/26/2021 19:02:29	1	0	124	67	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	396	XML_FLIGHT_SUMMARY	06/26/2021 19:02:30	0	0	0	0		
Summer	C-GLYF	397	DEPARTURE	06/26/2021 19:03:49	2	81	164	101	064:39:28.19 N	096:18:49.79 W
Summer	C-GLYF	397	ARRIVAL	06/26/2021 19:05:45	2	0	104	71	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	397	POWER_ON	06/26/2021 19:45:00	NA	NA	NA	NA		
Summer	C-GLYF	397	SCHED	06/26/2021 19:45:44	1	0	97	0	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	397	DEPARTURE	06/26/2021 19:46:22	1	70	157	266	064:39:31.80 N	096:15:16.19 W
Summer	C-GLYF	397	SCHED	06/26/2021 19:48:30	2	0	126	49	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	397	SCHED	06/26/2021 19:50:37	3	6	165	321	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	397	SCHED	06/26/2021 19:52:50	4	24	169	93	064:39:23.39 N	096:14:58.20 W
Summer	C-GLYF	397	SCHED	06/26/2021 19:55:50	5	84	230	254	064:39:24.00 N	096:16:36.00 W
Summer	C-GLYF	397	SCHED	06/26/2021 19:57:59	6	95	216	92	064:39:23.39 N	096:17:40.80 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:00:14	7	79	205	263	064:39:32.40 N	096:15:25.20 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:02:29	8	67	205	91	064:39:25.80 N	096:18:55.80 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:04:39	9	51	167	331	064:39:29.40 N	096:14:46.20 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:06:47	10	0	166	54	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:08:58	11	74	254	94	064:39:26.39 N	096:16:13.20 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:11:08	12	101	206	260	064:39:25.80 N	096:16:19.79 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:13:17	13	31	185	71	064:39:24.00 N	096:19:12.60 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:15:24	14	3	149	58	064:39:22.19 N	096:14:51.59 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:17:46	15	0	137	84	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:19:54	16	68	264	289	064:39:10.80 N	096:19:16.20 W
Summer	C-GLYF	397	SCHED	06/26/2021 20:22:02	17	7	135	208	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	397	ARRIVAL	06/26/2021 20:22:56	1	0	131	198	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	397	XML_FLIGHT_SUMMARY	06/26/2021 20:22:57	0	0	0	0		
Summer	C-GLYF	398	DEPARTURE	06/26/2021 20:23:40	2	85	140	92	064:39:28.19 N	096:18:41.39 W
Summer	C-GLYF	398	SCHED	06/26/2021 20:25:47	18	106	278	7	064:41:12.60 N	096:17:17.99 W
Summer	C-GLYF	398	SCHED	06/26/2021 20:27:56	19	108	479	10	064:44:54.60 N	096:16:03.60 W
Summer	C-GLYF	398	SCHED	06/26/2021 20:30:05	20	110	499	15	064:48:41.99 N	096:14:09.59 W
Summer	C-GLYF	398	SCHED	06/26/2021 20:32:12	21	112	498	14	064:52:34.19 N	096:11:35.40 W
Summer	C-GLYF	398	SCHED	06/26/2021 20:34:23	22	114	553	18	064:56:20.39 N	096:08:58.79 W
Summer	C-GLYF	398	SCHED	06/26/2021 20:36:35	23	106	370	23	065:00:16.79 N	096:05:51.60 W
Summer	C-GLYF	398	ARRIVAL	06/26/2021 20:38:41	2	0	143	168	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	398	XML_FLIGHT_SUMMARY	06/26/2021 20:38:42	0	0	0	0		
Summer	C-GLYF	398	SCHED	06/26/2021 20:38:48	24	0	143	168	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	399	POWER_ON	06/26/2021 22:59:06	NA	NA	NA	NA		
Summer	C-GLYF	399	SCHED	06/26/2021 23:01:47	1	90	304	191	065:00:54.60 N	096:05:22.19 W
Summer	C-GLYF	399	DEPARTURE	06/26/2021 23:01:56	1	64	226	253	065:01:33.59 N	096:04:49.19 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:04:02	2	121	628	196	064:56:04.20 N	096:09:08.39 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:06:09	3	123	618	197	064:51:57.60 N	096:12:00.59 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:08:17	4	118	607	192	064:47:46.19 N	096:14:08.39 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:12:52	5	90	194	182	064:39:29.40 N	096:15:22.80 W
Summer	C-GLYF	399	ARRIVAL	06/26/2021 23:14:01	1	0	92	114	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	399	XML_FLIGHT_SUMMARY	06/26/2021 23:14:02	0	0	0	0		
Summer	C-GLYF	399	SCHED	06/26/2021 23:16:13	6	0	88	114	064:39:22.80 N	096:14:53.99 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:18:25	7	0	91	7	064:39:22.80 N	096:14:53.99 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:20:36	8	0	91	7	064:39:22.80 N	096:14:53.39 W
Summer	C-GLYF	399	SCHED	06/26/2021 23:22:49	9	0	90	7	064:39:22.80 N	096:14:53.39 W
Summer	C-GLYF	400	DEPARTURE	06/26/2021 23:24:58	2	73	147	15	064:39:39.59 N	096:14:38.40 W
Summer	C-GLYF	400	SCHED	06/26/2021 23:27:05	10	107	457	2	064:43:16.80 N	096:14:26.40 W
Summer	C-GLYF	400	SCHED	06/26/2021 23:29:14	11	115	504	10	064:47:10.79 N	096:13:28.20 W
Summer	C-GLYF	400	SCHED	06/26/2021 23:31:21	12	112	498	14	064:51:07.79 N	096:11:31.79 W
Summer	C-GLYF	400	SCHED	06/26/2021 23:33:34	13	114	531	15	064:54:54.00 N	096:09:20.40 W
Summer	C-GLYF	400	SCHED	06/26/2021 23:35:45	14	115	423	19	064:58:56.39 N	096:06:36.60 W
Summer	C-GLYF	400	SCHED	06/26/2021 23:37:54	15	5	156	191	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	400	ARRIVAL	06/26/2021 23:38:53	2	0	145	237	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	400	XML_FLIGHT_SUMMARY	06/26/2021 23:38:54	0	0	0	0		
Summer	C-GLYF	401	POWER_ON	06/26/2021 23:48:22	NA	NA	NA	NA		
Summer	C-GLYF	401	SCHED	06/26/2021 23:48:59	1	0	148	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	401	SCHED	06/26/2021 23:51:11	2	0	145	350	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	401	POWER_ON	06/27/2021 11:02:50	NA	NA	NA	NA		
Summer	C-GLYF	401	SCHED	06/27/2021 11:03:56	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	401	DEPARTURE	06/27/2021 11:04:56	1	71	0	212	065:01:23.99 N	096:04:51.60 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:07:05	2	110	455	201	064:58:09.60 N	096:07:36.00 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:10:58	3	111	572	190	064:51:35.39 N	096:12:22.19 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:13:04	4	116	475	184	064:47:28.79 N	096:13:36.00 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:15:19	5	118	432	185	064:43:27.60 N	096:14:12.60 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:17:36	6	55	169	223	064:39:19.80 N	096:14:28.79 W
Summer	C-GLYF	401	ARRIVAL	06/27/2021 11:18:52	1	0	94	45	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	401	XML_FLIGHT_SUMMARY	06/27/2021 11:18:53	0	0	0	0		
Summer	C-GLYF	401	SCHED	06/27/2021 11:21:00	7	0	92	45	064:39:22.19 N	096:14:53.99 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:23:07	8	0	94	45	064:39:22.80 N	096:14:53.99 W
Summer	C-GLYF	401	SCHED	06/27/2021 11:25:15	9	0	93	36	064:39:22.80 N	096:14:53.39 W
Summer	C-GLYF	402	DEPARTURE	06/27/2021 11:26:23	2	69	147	7	064:39:39.59 N	096:14:41.39 W
Summer	C-GLYF	402	SCHED	06/27/2021 11:28:34	10	109	440	355	064:43:25.79 N	096:15:03.60 W
Summer	C-GLYF	402	SCHED	06/27/2021 11:30:45	11	116	572	12	064:47:30.00 N	096:14:46.20 W
Summer	C-GLYF	402	SCHED	06/27/2021 11:32:53	12	114	592	14	064:51:32.39 N	096:12:52.80 W
Summer	C-GLYF	402	SCHED	06/27/2021 11:35:01	13	112	621	20	064:55:21.60 N	096:09:47.99 W
Summer	C-GLYF	402	SCHED	06/27/2021 11:37:09	14	103	420	21	064:59:06.60 N	096:06:36.60 W
Summer	C-GLYF	402	SCHED	06/27/2021 11:39:21	15	0	136	23	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	402	ARRIVAL	06/27/2021 11:40:05	2	0	135	23	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	402	XML_FLIGHT_SUMMARY	06/27/2021 11:40:06	0	0	0	0		
Summer	C-GLYF	403	POWER_ON	06/27/2021 12:07:30	NA	NA	NA	NA		
Summer	C-GLYF	403	SCHED	06/27/2021 12:08:16	1	0	138	18	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	403	DEPARTURE	06/27/2021 12:09:01	1	76	208	206	065:01:22.79 N	096:04:51.60 W
Summer	C-GLYF	403	SCHED	06/27/2021 12:11:07	2	114	503	200	064:57:56.39 N	096:07:46.19 W
Summer	C-GLYF	403	SCHED	06/27/2021 12:13:17	3	115	593	195	064:54:09.00 N	096:10:41.40 W
Summer	C-GLYF	403	SCHED	06/27/2021 12:15:49	4	116	563	193	064:49:53.40 N	096:13:09.59 W
Summer	C-GLYF	403	SCHED	06/27/2021 12:18:03	5	113	590	197	064:45:17.40 N	096:16:00.00 W
Summer	C-GLYF	403	SCHED	06/27/2021 12:20:10	6	120	433	190	064:41:09.60 N	096:18:03.60 W
Summer	C-GLYF	403	SCHED	06/27/2021 12:22:17	7	0	120	31	064:39:23.39 N	096:19:24.00 W
Summer	C-GLYF	403	ARRIVAL	06/27/2021 12:22:38	1	0	120	31	064:39:23.39 N	096:19:24.00 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	403	XML_FLIGHT_SUMMARY	06/27/2021 12:22:39	0	0	0	0		
Summer	C-GLYF	403	SCHED	06/27/2021 12:24:49	8	0	123	31	064:39:23.39 N	096:19:24.00 W
Summer	C-GLYF	404	DEPARTURE	06/27/2021 12:25:49	2	82	169	95	064:39:32.40 N	096:18:49.19 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:27:56	9	0	100	316	064:39:23.39 N	096:14:49.79 W
Summer	C-GLYF	404	ARRIVAL	06/27/2021 12:28:04	2	0	100	316	064:39:23.39 N	096:14:49.79 W
Summer	C-GLYF	404	DEPARTURE	06/27/2021 12:29:02	3	70	145	265	064:39:24.00 N	096:15:31.20 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:31:09	10	0	119	63	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	404	ARRIVAL	06/27/2021 12:31:25	3	0	118	63	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:33:32	11	0	118	63	064:39:24.00 N	096:19:22.79 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:35:48	12	1	156	22	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	404	DEPARTURE	06/27/2021 12:36:14	4	60	272	101	064:39:26.39 N	096:18:42.60 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:38:21	13	1	146	350	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:40:32	14	0	148	350	064:39:22.80 N	096:14:53.39 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:42:44	15	2	129	90	064:39:22.80 N	096:14:50.40 W
Summer	C-GLYF	404	ARRIVAL	06/27/2021 12:43:59	4	0	100	208	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:46:10	16	2	101	212	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	404	DEPARTURE	06/27/2021 12:46:33	5	72	143	264	064:39:24.60 N	096:15:33.00 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:48:45	17	0	116	102	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:50:57	18	4	104	280	064:39:22.80 N	096:14:49.19 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:53:06	19	93	237	265	064:39:19.80 N	096:16:55.80 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:55:15	20	66	219	89	064:39:31.80 N	096:18:52.80 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:57:24	21	0	134	357	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	404	SCHED	06/27/2021 12:59:34	22	102	218	260	064:39:19.80 N	096:17:56.99 W
Summer	C-GLYF	404	ARRIVAL	06/27/2021 13:01:07	5	0	124	82	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	404	XML_FLIGHT_SUMMARY	06/27/2021 13:01:08	0	0	0	0		
Summer	C-GLYF	405	DEPARTURE	06/27/2021 13:02:10	6	85	180	92	064:39:34.19 N	096:18:49.79 W
Summer	C-GLYF	405	SCHED	06/27/2021 13:04:18	23	0	94	317	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	405	ARRIVAL	06/27/2021 13:05:09	6	0	94	317	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	405	SCHED	06/27/2021 13:07:19	24	1	131	211	064:39:22.80 N	096:14:53.39 W
Summer	C-GLYF	405	SCHED	06/27/2021 13:09:27	25	1	156	71	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	405	SCHED	06/27/2021 13:11:38	26	0	100	310	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	405	SCHED	06/27/2021 13:13:45	27	0	99	310	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	405	POWER_ON	06/27/2021 15:06:23	NA	NA	NA	NA		
Summer	C-GLYF	405	SCHED	06/27/2021 15:07:00	1	0	77	303	064:39:22.80 N	096:14:50.40 W
Summer	C-GLYF	405	DEPARTURE	06/27/2021 15:07:35	1	73	102	266	064:39:25.19 N	096:15:33.00 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:09:43	2	0	114	108	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:11:53	3	9	95	279	064:39:22.19 N	096:14:48.00 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:14:05	4	8	117	325	064:39:22.80 N	096:14:51.59 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:16:13	5	0	157	43	064:39:22.80 N	096:19:21.59 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:18:29	6	81	256	98	064:39:23.39 N	096:16:43.20 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:20:36	7	71	219	268	064:39:31.19 N	096:15:25.20 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:22:51	8	57	190	84	064:39:25.19 N	096:19:07.20 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:25:00	9	0	142	41	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:27:08	10	4	179	59	064:39:25.80 N	096:19:24.59 W
Summer	C-GLYF	405	SCHED	06/27/2021 15:29:19	11	0	133	97	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	405	XML_FLIGHT_SUMMARY	06/27/2021 15:36:31	0	0	0	0		
Summer	C-GLYF	405	XML_OVERDUE_REPORT	06/27/2021 15:36:37	0	0	0	0		
Summer	C-GLYF	406	POWER_ON	06/27/2021 15:36:30	NA	NA	NA	NA		
Summer	C-GLYF	406	SCHED	06/27/2021 15:37:35	1	4	137	309	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	406	DEPARTURE	06/27/2021 15:38:25	1	56	241	346	064:39:40.79 N	096:19:36.00 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:40:32	2	77	426	12	064:42:13.19 N	096:18:38.39 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:42:43	3	79	516	14	064:44:51.00 N	096:17:09.59 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:44:53	4	76	542	16	064:47:36.00 N	096:15:20.99 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:47:07	5	80	548	16	064:50:19.20 N	096:13:22.19 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:49:19	6	79	603	18	064:53:07.79 N	096:11:15.00 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:51:30	7	83	551	18	064:55:54.59 N	096:09:10.20 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:53:35	8	81	449	21	064:58:40.79 N	096:06:53.99 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:55:47	9	41	255	21	065:01:10.19 N	096:04:42.60 W
Summer	C-GLYF	406	SCHED	06/27/2021 15:57:59	10	2	159	213	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	406	ARRIVAL	06/27/2021 15:58:57	1	0	152	302	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	406	XML_FLIGHT_SUMMARY	06/27/2021 15:58:58	0	0	0	0		
Summer	C-GLYF	407	POWER_ON	06/27/2021 16:14:19	NA	NA	NA	NA		
Summer	C-GLYF	407	SCHED	06/27/2021 16:15:22	1	0	141	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	407	SCHED	06/27/2021 16:17:30	2	0	139	53	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	407	POWER_ON	06/27/2021 21:05:07	NA	NA	NA	NA		
Summer	C-GLYF	407	SCHED	06/27/2021 21:05:45	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	407	DEPARTURE	06/27/2021 21:07:26	1	87	310	355	065:02:37.80 N	096:03:39.60 W
Summer	C-GLYF	407	SCHED	06/27/2021 21:09:36	2	66	213	345	065:05:39.60 N	096:04:36.60 W
Summer	C-GLYF	407	ARRIVAL	06/27/2021 21:10:57	1	0	155	64	065:05:58.80 N	096:04:46.19 W
Summer	C-GLYF	407	XML_FLIGHT_SUMMARY	06/27/2021 21:10:58	0	0	0	0		
Summer	C-GLYF	408	DEPARTURE	06/27/2021 21:12:10	2	82	204	145	065:05:56.99 N	096:04:15.60 W
Summer	C-GLYF	408	ARRIVAL	06/27/2021 21:13:37	2	0	162	167	065:05:49.19 N	096:03:37.80 W
Summer	C-GLYF	408	DEPARTURE	06/27/2021 21:14:36	3	63	217	82	065:05:42.60 N	096:03:02.39 W
Summer	C-GLYF	408	ARRIVAL	06/27/2021 21:16:14	3	0	161	92	065:05:55.79 N	096:02:17.99 W
Summer	C-GLYF	408	DEPARTURE	06/27/2021 21:18:05	4	86	191	198	065:05:48.60 N	096:02:46.80 W
Summer	C-GLYF	408	ARRIVAL	06/27/2021 21:19:25	4	0	166	339	065:05:26.39 N	096:03:11.99 W
Summer	C-GLYF	408	DEPARTURE	06/27/2021 21:21:05	5	62	189	67	065:05:38.39 N	096:03:13.20 W
Summer	C-GLYF	408	ARRIVAL	06/27/2021 21:22:50	5	0	165	359	065:05:34.19 N	096:02:15.60 W
Summer	C-GLYF	408	DEPARTURE	06/27/2021 21:23:59	6	75	237	207	065:05:30.00 N	096:02:46.19 W
Summer	C-GLYF	408	SCHED	06/27/2021 21:26:07	3	98	254	206	065:01:28.20 N	096:03:07.20 W
Summer	C-GLYF	408	ARRIVAL	06/27/2021 21:27:43	6	0	135	253	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	408	XML_FLIGHT_SUMMARY	06/27/2021 21:27:44	0	0	0	0		
Summer	C-GLYF	408	SCHED	06/27/2021 21:29:50	4	0	133	253	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	408	SCHED	06/27/2021 21:31:56	5	55	205	353	065:01:39.59 N	096:04:13.20 W
Summer	C-GLYF	409	DEPARTURE	06/27/2021 21:32:03	7	55	209	353	065:01:40.20 N	096:04:13.79 W
Summer	C-GLYF	409	SCHED	06/27/2021 21:34:12	6	80	242	13	065:04:37.80 N	096:02:46.19 W
Summer	C-GLYF	409	ARRIVAL	06/27/2021 21:36:09	7	0	164	11	065:05:19.79 N	096:02:18.59 W
Summer	C-GLYF	409	XML_FLIGHT_SUMMARY	06/27/2021 21:36:10	0	0	0	0		
Summer	C-GLYF	410	DEPARTURE	06/27/2021 21:37:04	8	81	223	141	065:05:29.39 N	096:01:45.59 W
Summer	C-GLYF	410	ARRIVAL	06/27/2021 21:38:20	8	0	178	35	065:05:19.20 N	096:01:42.60 W
Summer	C-GLYF	410	DEPARTURE	06/27/2021 21:39:28	9	88	209	213	065:05:11.40 N	096:02:17.99 W
Summer	C-GLYF	410	SCHED	06/27/2021 21:42:32	7	66	224	81	065:05:01.79 N	096:02:30.60 W
Summer	C-GLYF	410	ARRIVAL	06/27/2021 21:42:40	9	0	160	25	065:04:48.60 N	096:02:53.39 W
Summer	C-GLYF	410	DEPARTURE	06/27/2021 21:42:48	10	66	217	74	065:05:01.20 N	096:02:38.39 W
Summer	C-GLYF	410	SCHED	06/27/2021 21:44:58	8	110	296	191	065:02:00.60 N	096:02:53.99 W
Summer	C-GLYF	410	ARRIVAL	06/27/2021 21:47:02	10	0	141	240	065:01:23.99 N	096:04:14.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	410	XML_FLIGHT_SUMMARY	06/27/2021 21:47:03	0	0	0	0		
Summer	C-GLYF	410	SCHED	06/27/2021 21:47:09	9	0	141	240	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	410	SCHED	06/27/2021 21:49:16	10	0	139	306	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	411	POWER_ON	06/27/2021 22:10:12	NA	NA	NA	NA		
Summer	C-GLYF	411	SCHED	06/27/2021 22:11:04	1	0	0	0	065:00:28.79 N	096:01:54.59 W
Summer	C-GLYF	411	DEPARTURE	06/27/2021 22:11:11	1	49	0	289	065:00:20.99 N	096:01:00.60 W
Summer	C-GLYF	411	SCHED	06/27/2021 22:13:22	2	14	207	58	065:01:25.20 N	096:04:21.59 W
Summer	C-GLYF	411	ARRIVAL	06/27/2021 22:15:31	1	0	154	27	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	411	SCHED	06/27/2021 22:15:38	3	0	154	27	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	411	POWER_ON	06/27/2021 22:54:41	NA	NA	NA	NA		
Summer	C-GLYF	411	SCHED	06/27/2021 22:55:44	1	0	0	0	065:05:19.20 N	096:03:46.79 W
Summer	C-GLYF	411	DEPARTURE	06/27/2021 22:56:06	NA	NA	NA	NA		
Summer	C-GLYF	411	SCHED	06/27/2021 22:58:03	2	126	494	192	064:57:24.60 N	096:06:50.40 W
Summer	C-GLYF	411	SCHED	06/27/2021 23:00:13	3	124	546	192	064:53:06.59 N	096:09:03.00 W
Summer	C-GLYF	411	SCHED	06/27/2021 23:02:21	4	129	486	190	064:48:36.59 N	096:11:08.39 W
Summer	C-GLYF	411	SCHED	06/27/2021 23:04:28	5	126	420	189	064:44:10.19 N	096:12:49.19 W
Summer	C-GLYF	411	SCHED	06/27/2021 23:06:38	6	112	198	186	064:39:35.99 N	096:14:06.00 W
Summer	C-GLYF	411	ARRIVAL	06/27/2021 23:07:59	1	0	100	351	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	411	XML_FLIGHT_SUMMARY	06/27/2021 23:08:00	0	0	0	0		
Summer	C-GLYF	411	SCHED	06/27/2021 23:10:09	7	0	99	351	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	411	SCHED	06/27/2021 23:12:16	8	0	97	351	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	411	SCHED	06/27/2021 23:14:23	9	0	98	351	064:39:22.80 N	096:14:49.19 W
Summer	C-GLYF	412	DEPARTURE	06/27/2021 23:15:00	2	72	140	16	064:39:40.20 N	096:14:38.40 W
Summer	C-GLYF	412	SCHED	06/27/2021 23:17:08	10	103	346	14	064:42:29.99 N	096:13:23.99 W
Summer	C-GLYF	412	SCHED	06/27/2021 23:20:10	11	106	447	11	064:47:01.80 N	096:11:05.40 W
Summer	C-GLYF	412	SCHED	06/27/2021 23:22:17	12	109	461	12	064:51:24.00 N	096:09:05.40 W
Summer	C-GLYF	412	SCHED	06/27/2021 23:24:26	13	106	447	9	064:55:10.80 N	096:07:31.19 W
Summer	C-GLYF	412	SCHED	06/27/2021 23:26:36	14	110	403	12	064:58:57.59 N	096:05:45.60 W
Summer	C-GLYF	412	SCHED	06/27/2021 23:29:41	15	0	142	81	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	412	XML_OVERDUE_REPORT	06/27/2021 23:36:58	0	0	0	0		
Summer	C-GLYF	412	XML_FLIGHT_SUMMARY	06/28/2021 11:14:45	0	0	0	0		
Summer	C-GLYF	413	POWER_ON	06/28/2021 11:14:44	NA	NA	NA	NA		
Summer	C-GLYF	413	SCHED	06/28/2021 11:15:27	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	413	DEPARTURE	06/28/2021 11:16:46	1	76	0	190	065:01:05.99 N	096:04:55.20 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:18:55	2	111	499	190	064:57:26.40 N	096:06:24.00 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:21:04	3	120	582	190	064:53:24.00 N	096:08:07.79 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:23:21	4	115	553	191	064:49:15.00 N	096:10:03.59 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:25:27	5	118	545	193	064:44:59.39 N	096:12:00.59 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:27:36	6	124	350	185	064:40:47.39 N	096:13:54.00 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:29:43	7	0	96	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	413	ARRIVAL	06/28/2021 11:29:51	1	0	96	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	413	XML_FLIGHT_SUMMARY	06/28/2021 11:29:52	0	0	0	0		
Summer	C-GLYF	413	SCHED	06/28/2021 11:31:57	8	0	93	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:34:05	9	0	92	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	413	SCHED	06/28/2021 11:36:17	10	0	93	314	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	414	DEPARTURE	06/28/2021 11:37:11	2	71	151	360	064:39:38.99 N	096:15:02.39 W
Summer	C-GLYF	414	SCHED	06/28/2021 11:39:20	11	101	547	3	064:43:07.80 N	096:14:52.80 W
Summer	C-GLYF	414	SCHED	06/28/2021 11:41:28	12	110	597	9	064:46:59.40 N	096:14:10.80 W
Summer	C-GLYF	414	SCHED	06/28/2021 11:43:39	13	111	566	15	064:50:49.19 N	096:12:10.20 W
Summer	C-GLYF	414	SCHED	06/28/2021 11:45:48	14	113	559	17	064:54:44.99 N	096:09:40.20 W
Summer	C-GLYF	414	SCHED	06/28/2021 11:47:59	15	116	543	16	064:58:34.20 N	096:06:38.99 W
Summer	C-GLYF	414	SCHED	06/28/2021 11:50:06	16	2	142	88	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	414	ARRIVAL	06/28/2021 11:51:00	2	0	137	88	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	414	XML_FLIGHT_SUMMARY	06/28/2021 11:51:01	0	0	0	0		
Summer	C-GLYF	415	POWER_ON	06/28/2021 13:51:05	NA	NA	NA	NA		
Summer	C-GLYF	415	SCHED	06/28/2021 13:51:49	1	0	148	68	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	415	SCHED	06/28/2021 13:53:57	2	0	146	250	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	415	POWER_ON	06/28/2021 14:41:41	NA	NA	NA	NA		
Summer	C-GLYF	415	SCHED	06/28/2021 14:42:28	1	0	137	41	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	415	DEPARTURE	06/28/2021 14:43:30	1	65	178	304	065:01:37.19 N	096:04:43.19 W
Summer	C-GLYF	415	SCHED	06/28/2021 14:45:42	2	94	446	302	065:03:28.80 N	096:11:11.39 W
Summer	C-GLYF	415	SCHED	06/28/2021 14:47:51	3	102	420	309	065:05:27.00 N	096:18:09.59 W
Summer	C-GLYF	415	ARRIVAL	06/28/2021 14:49:56	1	0	153	78	065:06:10.20 N	096:20:48.60 W
Summer	C-GLYF	415	XML_FLIGHT_SUMMARY	06/28/2021 14:49:57	0	0	0	0		
Summer	C-GLYF	415	SCHED	06/28/2021 14:50:04	4	0	153	78	065:06:10.20 N	096:20:48.60 W
Summer	C-GLYF	416	DEPARTURE	06/28/2021 14:51:30	2	64	163	235	065:05:57.60 N	096:21:11.39 W
Summer	C-GLYF	416	ARRIVAL	06/28/2021 14:53:02	2	0	131	346	065:05:43.19 N	096:22:16.20 W
Summer	C-GLYF	416	DEPARTURE	06/28/2021 14:54:04	3	66	175	178	065:05:31.19 N	096:22:38.40 W
Summer	C-GLYF	416	SCHED	06/28/2021 14:56:14	5	106	377	172	065:01:54.60 N	096:21:26.99 W
Summer	C-GLYF	416	SCHED	06/28/2021 14:59:18	6	111	455	178	064:57:06.60 N	096:19:56.99 W
Summer	C-GLYF	416	SCHED	06/28/2021 15:01:37	7	112	520	178	064:52:15.59 N	096:19:44.39 W
Summer	C-GLYF	416	SCHED	06/28/2021 15:03:52	8	112	416	180	064:47:47.39 N	096:19:37.80 W
Summer	C-GLYF	416	SCHED	06/28/2021 15:06:00	9	118	385	178	064:43:35.40 N	096:19:31.20 W
Summer	C-GLYF	416	SCHED	06/28/2021 15:08:07	10	84	222	180	064:39:30.60 N	096:18:46.19 W
Summer	C-GLYF	416	ARRIVAL	06/28/2021 15:09:31	3	0	131	69	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	416	XML_FLIGHT_SUMMARY	06/28/2021 15:09:32	0	0	0	0		
Summer	C-GLYF	417	DEPARTURE	06/28/2021 15:10:34	4	84	190	100	064:39:29.40 N	096:18:45.00 W
Summer	C-GLYF	417	SCHED	06/28/2021 15:12:42	11	0	107	343	064:39:23.39 N	096:14:49.79 W
Summer	C-GLYF	417	ARRIVAL	06/28/2021 15:12:51	4	0	107	343	064:39:23.39 N	096:14:49.79 W
Summer	C-GLYF	417	POWER_ON	06/28/2021 16:13:49	NA	NA	NA	NA		
Summer	C-GLYF	417	SCHED	06/28/2021 16:14:25	1	0	103	149	064:39:23.39 N	096:14:49.79 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:16:41	2	0	143	346	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:19:33	3	73	298	13	064:40:00.00 N	096:14:49.19 W
Summer	C-GLYF	417	DEPARTURE	06/28/2021 16:19:55	1	61	232	7	064:39:38.99 N	096:14:59.39 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:22:09	4	79	482	357	064:43:41.40 N	096:14:05.39 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:24:20	5	82	474	2	064:46:31.19 N	096:14:16.19 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:26:36	6	89	491	17	064:49:34.19 N	096:13:15.00 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:28:56	7	84	504	19	064:52:36.60 N	096:11:03.00 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:31:04	8	82	507	15	064:55:43.79 N	096:08:47.99 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:33:17	9	88	455	20	064:58:36.00 N	096:06:45.00 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:35:34	10	35	224	15	065:01:14.99 N	096:04:35.40 W
Summer	C-GLYF	417	SCHED	06/28/2021 16:37:42	11	1	160	278	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	417	ARRIVAL	06/28/2021 16:39:26	1	0	142	167	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	417	XML_FLIGHT_SUMMARY	06/28/2021 16:39:27	0	0	0	0		
Summer	C-GLYF	418	POWER_ON	06/28/2021 18:56:16	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	418	SCHED	06/28/2021 18:58:41	1	0	179	171	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	418	POWER_ON	06/28/2021 19:22:41	NA	NA	NA	NA		
Summer	C-GLYF	418	SCHED	06/28/2021 19:23:19	1	0	148	100	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:25:28	2	0	144	254	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	418	DEPARTURE	06/28/2021 19:26:58	1	72	199	215	065:01:20.40 N	096:04:52.80 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:29:15	3	105	471	188	064:57:59.39 N	096:06:08.40 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:31:23	4	106	563	199	064:54:17.39 N	096:08:26.99 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:33:32	5	104	572	195	064:50:47.99 N	096:11:06.00 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:37:26	6	103	558	185	064:44:19.19 N	096:13:32.39 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:39:37	7	99	340	187	064:40:20.99 N	096:14:13.19 W
Summer	C-GLYF	418	SCHED	06/28/2021 19:41:44	8	2	101	299	064:39:21.60 N	096:14:49.79 W
Summer	C-GLYF	418	XML_OVERDUE_REPORT	06/28/2021 19:49:01	0	0	0	0		
Summer	C-GLYF	418	XML_FLIGHT_SUMMARY	06/28/2021 20:07:33	0	0	0	0		
Summer	C-GLYF	419	POWER_ON	06/28/2021 20:07:32	NA	NA	NA	NA		
Summer	C-GLYF	419	SCHED	06/28/2021 20:08:07	1	0	106	261	064:39:21.60 N	096:14:49.79 W
Summer	C-GLYF	419	DEPARTURE	06/28/2021 20:09:29	1	70	165	240	064:39:11.39 N	096:15:27.60 W
Summer	C-GLYF	419	ARRIVAL	06/28/2021 20:11:21	1	0	83	222	064:39:07.19 N	096:16:52.19 W
Summer	C-GLYF	419	DEPARTURE	06/28/2021 20:12:13	2	77	158	128	064:38:49.79 N	096:16:34.79 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:14:19	2	0	134	87	064:39:21.60 N	096:14:50.40 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:16:35	3	25	142	236	064:39:07.80 N	096:16:48.60 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:18:43	4	1	138	271	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:20:55	5	1	121	162	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:23:04	6	1	141	247	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:25:13	7	2	122	219	064:39:07.19 N	096:16:53.99 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:27:20	8	51	132	102	064:39:05.40 N	096:16:46.80 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:29:28	9	60	288	250	064:39:20.99 N	096:13:52.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:31:44	10	54	239	250	064:39:22.19 N	096:16:15.00 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:33:59	11	82	179	52	064:39:10.20 N	096:14:37.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:36:05	12	15	141	265	064:39:22.19 N	096:14:54.60 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:38:14	13	0	115	244	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:40:22	14	0	131	253	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:42:38	15	1	110	256	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:44:47	16	3	135	265	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:46:53	17	10	126	212	064:39:07.80 N	096:16:53.39 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:49:00	18	0	136	266	064:39:22.80 N	096:14:51.59 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:51:18	19	17	139	218	064:39:08.39 N	096:16:49.79 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:53:26	20	44	155	289	064:39:22.19 N	096:14:33.00 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:55:37	21	12	146	259	064:39:23.39 N	096:14:53.39 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:57:47	22	3	110	334	064:39:07.80 N	096:16:56.99 W
Summer	C-GLYF	419	SCHED	06/28/2021 20:59:54	23	54	213	344	064:39:18.60 N	096:14:11.40 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:02:15	24	34	159	224	064:39:11.39 N	096:16:46.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:04:23	25	86	200	42	064:39:07.19 N	096:14:28.79 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:06:32	26	0	137	337	064:39:22.80 N	096:14:52.80 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:08:41	27	69	146	122	064:39:01.79 N	096:16:41.99 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:10:54	28	52	193	268	064:39:21.60 N	096:15:19.79 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:13:02	29	92	219	61	064:38:57.60 N	096:14:53.39 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:15:12	30	52	201	244	064:39:16.19 N	096:16:33.00 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:17:19	31	92	219	81	064:38:57.00 N	096:15:36.00 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:19:36	32	57	216	246	064:39:19.19 N	096:16:27.60 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:21:48	33	34	159	269	064:39:23.39 N	096:14:42.60 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:23:56	34	43	215	243	064:39:25.19 N	096:16:22.19 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:26:03	35	60	149	228	064:38:58.79 N	096:17:05.40 W
Summer	C-GLYF	419	SCHED	06/28/2021 21:28:49	36	0	124	334	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	419	ARRIVAL	06/28/2021 21:28:55	2	0	124	334	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	419	XML_FLIGHT_SUMMARY	06/28/2021 21:28:56	0	0	0	0		
Summer	C-GLYF	420	POWER_ON	06/28/2021 21:53:10	NA	NA	NA	NA		
Summer	C-GLYF	420	SCHED	06/28/2021 21:57:24	1	82	267	100	064:39:01.79 N	096:15:06.00 W
Summer	C-GLYF	420	DEPARTURE	06/28/2021 21:57:30	1	82	230	102	064:39:12.00 N	096:18:52.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 21:59:40	2	39	152	216	064:39:12.59 N	096:16:46.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:01:47	3	44	149	306	064:39:21.60 N	096:14:37.19 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:04:00	4	3	129	220	064:39:06.59 N	096:16:54.59 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:06:09	5	0	139	254	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:08:27	6	63	135	158	064:39:01.79 N	096:16:52.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:10:36	7	56	241	277	064:39:22.80 N	096:15:41.99 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:12:48	8	78	172	30	064:39:11.39 N	096:14:29.39 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:14:59	9	17	133	205	064:39:08.39 N	096:16:52.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:17:14	10	0	137	270	064:39:24.00 N	096:14:51.00 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:19:35	11	86	166	109	064:38:55.79 N	096:16:29.39 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:21:44	12	65	243	282	064:39:31.19 N	096:15:55.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:24:49	13	16	143	285	064:39:23.39 N	096:14:48.00 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:26:58	14	0	112	122	064:39:07.19 N	096:16:56.99 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:29:06	15	1	135	271	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:31:14	16	1	113	200	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:34:23	17	52	214	271	064:39:22.19 N	096:15:29.39 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:36:31	18	0	114	75	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:38:37	19	14	147	269	064:39:22.80 N	096:14:49.79 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:40:45	20	38	190	241	064:39:13.19 N	096:16:34.79 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:42:55	21	90	251	65	064:38:52.20 N	096:15:19.79 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:45:05	22	49	197	285	064:39:24.60 N	096:15:22.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:47:18	23	6	118	181	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:49:30	24	0	138	284	064:39:22.19 N	096:14:52.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:51:49	25	39	180	220	064:39:19.19 N	096:16:37.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:54:03	26	73	192	110	064:38:56.40 N	096:16:28.79 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:56:17	27	46	253	258	064:39:22.19 N	096:15:31.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 22:59:19	28	71	226	358	064:39:04.20 N	096:15:35.40 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:01:25	29	56	200	271	064:39:24.00 N	096:15:23.99 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:03:35	30	80	169	132	064:38:49.79 N	096:16:48.60 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:05:46	31	58	179	267	064:39:21.60 N	096:15:22.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:07:55	32	94	250	76	064:38:50.40 N	096:15:31.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:10:01	33	68	232	276	064:39:24.00 N	096:16:16.79 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:12:17	34	87	218	49	064:39:06.00 N	096:14:34.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:14:25	35	27	187	271	064:39:22.19 N	096:15:10.80 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:16:44	36	3	125	242	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:19:03	37	62	158	247	064:39:19.19 N	096:15:05.39 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:21:15	38	65	101	139	064:39:01.79 N	096:16:49.19 W
Summer	C-GLYF	420	SCHED	06/28/2021 23:23:22	39	66	131	254	064:39:21.60 N	096:15:17.99 W
Summer	C-GLYF	420	ARRIVAL	06/28/2021 23:25:10	1	0	79	229	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	420	XML_FLIGHT_SUMMARY	06/28/2021 23:25:11	0	0	0	0		
Summer	C-GLYF	421	DEPARTURE	06/28/2021 23:25:36	2	80	112	267	064:39:05.40 N	096:17:40.80 W
Summer	C-GLYF	421	ARRIVAL	06/28/2021 23:27:32	2	0	127	271	064:39:25.19 N	096:19:24.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	421	POWER_ON	06/28/2021 23:48:09	NA	NA	NA	NA		
Summer	C-GLYF	421	SCHED	06/28/2021 23:48:56	1	0	124	15	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	421	DEPARTURE	06/28/2021 23:50:06	1	88	161	88	064:39:19.80 N	096:18:40.80 W
Summer	C-GLYF	421	SCHED	06/28/2021 23:53:53	2	1	121	40	064:39:07.19 N	096:16:55.80 W
Summer	C-GLYF	421	SCHED	06/28/2021 23:56:00	3	48	145	271	064:39:08.39 N	096:17:08.40 W
Summer	C-GLYF	421	SCHED	06/28/2021 23:58:22	4	55	136	134	064:39:22.19 N	096:19:17.39 W
Summer	C-GLYF	421	ARRIVAL	06/29/2021 00:00:23	1	0	79	244	064:39:07.19 N	096:16:52.19 W
Summer	C-GLYF	421	XML_FLIGHT_SUMMARY	06/29/2021 00:00:24	0	0	0	0		
Summer	C-GLYF	422	DEPARTURE	06/29/2021 00:01:05	2	71	106	299	064:39:06.59 N	096:17:31.79 W
Summer	C-GLYF	422	XML_OVERDUE_REPORT	06/29/2021 00:08:25	0	0	0	0		
Summer	C-GLYF	422	POWER_ON	06/29/2021 00:19:59	NA	NA	NA	NA		
Summer	C-GLYF	422	SCHED	06/29/2021 00:20:41	1	0	136	62	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	422	SCHED	06/29/2021 00:22:48	2	1	173	350	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	422	DEPARTURE	06/29/2021 00:23:44	1	64	229	151	064:39:06.59 N	096:19:34.79 W
Summer	C-GLYF	422	SCHED	06/29/2021 00:25:52	3	0	123	188	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	422	SCHED	06/29/2021 00:28:00	4	3	176	262	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	422	SCHED	06/29/2021 00:30:20	5	72	203	48	064:38:40.19 N	096:16:51.60 W
Summer	C-GLYF	422	SCHED	06/29/2021 00:32:35	6	16	178	272	064:39:24.60 N	096:19:19.79 W
Summer	C-GLYF	422	ARRIVAL	06/29/2021 00:34:04	1	0	134	298	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	422	XML_FLIGHT_SUMMARY	06/29/2021 00:34:05	0	0	0	0		
Summer	C-GLYF	423	DEPARTURE	06/29/2021 00:36:31	2	78	161	27	064:39:38.40 N	096:19:37.80 W
Summer	C-GLYF	423	SCHED	06/29/2021 00:38:42	7	116	643	12	064:44:14.40 N	096:16:21.59 W
Summer	C-GLYF	423	SCHED	06/29/2021 00:40:56	8	117	653	15	064:48:16.20 N	096:13:55.20 W
Summer	C-GLYF	423	SCHED	06/29/2021 00:43:11	9	119	653	14	064:52:21.00 N	096:11:17.39 W
Summer	C-GLYF	423	SCHED	06/29/2021 00:45:20	10	118	664	14	064:56:33.59 N	096:08:43.20 W
Summer	C-GLYF	423	SCHED	06/29/2021 00:47:29	11	105	365	37	065:00:39.59 N	096:05:37.80 W
Summer	C-GLYF	423	XML_OVERDUE_REPORT	06/29/2021 00:54:46	0	0	0	0		
Summer	C-GLYF	423	XML_FLIGHT_SUMMARY	06/29/2021 01:34:02	0	0	0	0		
Summer	C-GLYF	424	POWER_ON	06/29/2021 01:34:01	NA	NA	NA	NA		
Summer	C-GLYF	424	SCHED	06/29/2021 01:34:32	1	0	142	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	424	SCHED	06/29/2021 01:37:25	2	0	139	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	424	POWER_ON	06/29/2021 11:05:46	NA	NA	NA	NA		
Summer	C-GLYF	424	SCHED	06/29/2021 11:09:07	1	87	273	181	065:00:55.20 N	096:05:00.00 W
Summer	C-GLYF	424	DEPARTURE	06/29/2021 11:09:14	1	78	198	205	065:01:15.60 N	096:04:54.59 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:11:25	2	119	754	193	064:56:44.40 N	096:06:46.79 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:13:34	3	118	741	195	064:52:30.00 N	096:09:13.80 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:15:52	4	122	743	192	064:48:16.20 N	096:11:15.60 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:18:03	5	121	728	187	064:43:42.00 N	096:13:07.19 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:20:11	6	95	274	215	064:39:51.00 N	096:16:13.79 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:22:47	7	0	74	254	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	424	ARRIVAL	06/29/2021 11:22:55	1	0	74	254	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	424	XML_FLIGHT_SUMMARY	06/29/2021 11:22:56	0	0	0	0		
Summer	C-GLYF	424	SCHED	06/29/2021 11:25:05	8	0	74	254	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:27:15	9	0	78	254	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	424	SCHED	06/29/2021 11:29:25	10	78	104	21	064:39:18.00 N	096:17:07.80 W
Summer	C-GLYF	425	DEPARTURE	06/29/2021 11:29:32	2	81	110	27	064:39:20.39 N	096:17:05.40 W
Summer	C-GLYF	425	SCHED	06/29/2021 11:31:39	11	111	466	12	064:42:49.20 N	096:13:54.59 W
Summer	C-GLYF	425	SCHED	06/29/2021 11:33:49	12	119	573	12	064:46:43.19 N	096:12:01.80 W
Summer	C-GLYF	425	SCHED	06/29/2021 11:36:01	13	116	531	14	064:50:52.19 N	096:09:45.60 W
Summer	C-GLYF	425	SCHED	06/29/2021 11:38:07	14	114	555	12	064:54:59.39 N	096:07:41.99 W
Summer	C-GLYF	425	SCHED	06/29/2021 11:40:13	15	116	527	9	064:58:58.19 N	096:06:10.20 W
Summer	C-GLYF	425	SCHED	06/29/2021 11:42:22	16	7	139	276	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	425	ARRIVAL	06/29/2021 11:43:11	2	0	133	295	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	425	XML_FLIGHT_SUMMARY	06/29/2021 11:43:12	0	0	0	0		
Summer	C-GLYF	426	POWER_ON	06/29/2021 12:52:03	NA	NA	NA	NA		
Summer	C-GLYF	426	SCHED	06/29/2021 12:52:46	1	0	140	337	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	426	SCHED	06/29/2021 12:54:53	2	0	141	337	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	426	DEPARTURE	06/29/2021 12:55:32	1	74	208	319	065:01:40.20 N	096:04:41.39 W
Summer	C-GLYF	426	SCHED	06/29/2021 12:57:41	3	105	680	326	065:04:19.79 N	096:09:04.19 W
Summer	C-GLYF	426	SCHED	06/29/2021 12:59:51	4	101	796	331	065:07:34.79 N	096:13:56.99 W
Summer	C-GLYF	426	SCHED	06/29/2021 13:01:59	5	115	732	325	065:10:54.00 N	096:18:47.39 W
Summer	C-GLYF	426	SCHED	06/29/2021 13:04:06	6	117	739	326	065:14:13.19 N	096:24:22.80 W
Summer	C-GLYF	426	SCHED	06/29/2021 13:06:12	7	118	734	325	065:17:31.19 N	096:30:06.60 W
Summer	C-GLYF	426	SCHED	06/29/2021 13:08:21	8	117	747	322	065:20:48.60 N	096:35:46.79 W
Summer	C-GLYF	426	SCHED	06/29/2021 13:10:30	9	50	178	6	065:23:47.99 N	096:40:31.19 W
Summer	C-GLYF	426	ARRIVAL	06/29/2021 13:11:38	1	0	156	7	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	426	XML_FLIGHT_SUMMARY	06/29/2021 13:11:39	0	0	0	0		
Summer	C-GLYF	426	SCHED	06/29/2021 13:13:48	10	0	153	7	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	426	SCHED	06/29/2021 13:16:06	11	0	151	7	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 13:16:42	2	66	208	194	065:23:38.99 N	096:40:21.00 W
Summer	C-GLYF	427	SCHED	06/29/2021 13:18:48	12	4	163	115	065:22:51.60 N	096:43:31.20 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 13:19:56	2	0	160	109	065:22:51.60 N	096:43:30.60 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 13:21:28	3	85	197	59	065:23:03.59 N	096:42:50.40 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 13:23:36	3	0	152	349	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	427	POWER_ON	06/29/2021 13:28:04	NA	NA	NA	NA		
Summer	C-GLYF	427	SCHED	06/29/2021 13:29:04	1	0	168	0	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	427	POWER_ON	06/29/2021 15:01:02	NA	NA	NA	NA		
Summer	C-GLYF	427	SCHED	06/29/2021 15:01:42	1	1	166	356	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 15:03:15	1	72	218	241	065:23:37.19 N	096:40:45.60 W
Summer	C-GLYF	427	SCHED	06/29/2021 15:05:27	2	0	162	87	065:22:50.99 N	096:43:31.79 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 15:05:35	1	0	162	87	065:22:50.99 N	096:43:31.79 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 15:07:43	2	75	190	134	065:22:41.40 N	096:42:50.40 W
Summer	C-GLYF	427	SCHED	06/29/2021 15:10:43	3	15	149	152	065:22:43.19 N	096:42:25.20 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 15:10:54	2	0	149	147	065:22:43.80 N	096:42:25.20 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 15:11:02	3	86	194	46	065:22:50.40 N	096:41:45.00 W
Summer	C-GLYF	427	XML_OVERDUE_REPORT	06/29/2021 15:18:23	0	0	0	0		
Summer	C-GLYF	427	POWER_ON	06/29/2021 16:57:26	NA	NA	NA	NA		
Summer	C-GLYF	427	SCHED	06/29/2021 16:58:26	1	0	159	298	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:00:38	2	0	159	20	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 17:01:30	1	73	210	198	065:23:35.40 N	096:40:28.19 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:03:37	3	0	163	151	065:22:50.40 N	096:42:11.99 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 17:03:46	1	0	163	151	065:22:50.40 N	096:42:11.99 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:05:57	4	55	180	224	065:22:45.60 N	096:42:28.20 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 17:06:11	2	69	210	175	065:22:36.60 N	096:42:33.60 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 17:08:22	2	0	168	264	065:22:00.59 N	096:42:13.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	427	SCHED	06/29/2021 17:08:29	5	0	168	264	065:22:00.59 N	096:42:13.19 W
Summer	C-GLYF	427	DEPARTURE	06/29/2021 17:10:01	3	75	208	145	065:21:43.19 N	096:41:55.80 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:12:15	6	109	609	146	065:18:55.79 N	096:36:59.39 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:15:30	7	117	758	144	065:14:39.59 N	096:29:13.79 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:17:42	8	122	748	139	065:10:10.80 N	096:21:03.59 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:19:49	9	125	740	130	065:07:03.59 N	096:14:06.00 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:22:03	10	124	733	128	065:04:19.20 N	096:06:12.00 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:24:15	11	90	593	251	065:03:49.79 N	096:02:51.60 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:26:22	12	94	518	219	065:02:37.80 N	096:03:26.39 W
Summer	C-GLYF	427	SCHED	06/29/2021 17:28:29	13	0	131	158	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	427	ARRIVAL	06/29/2021 17:28:35	3	0	131	158	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	427	XML_FLIGHT_SUMMARY	06/29/2021 17:28:36	0	0	0	0		
Summer	C-GLYF	428	POWER_ON	06/29/2021 17:49:49	NA	NA	NA	NA		
Summer	C-GLYF	428	SCHED	06/29/2021 17:50:21	1	0	130	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	428	DEPARTURE	06/29/2021 17:52:36	1	73	195	206	065:01:16.20 N	096:04:49.19 W
Summer	C-GLYF	428	SCHED	06/29/2021 17:54:44	2	104	622	192	064:57:57.59 N	096:06:53.40 W
Summer	C-GLYF	428	SCHED	06/29/2021 17:56:54	3	112	637	185	064:54:03.00 N	096:08:40.80 W
Summer	C-GLYF	428	SCHED	06/29/2021 17:59:05	4	114	604	195	064:50:03.59 N	096:10:15.60 W
Summer	C-GLYF	428	SCHED	06/29/2021 18:01:18	5	114	639	189	064:46:06.60 N	096:12:26.99 W
Summer	C-GLYF	428	SCHED	06/29/2021 18:03:33	6	114	618	191	064:41:54.00 N	096:14:04.19 W
Summer	C-GLYF	428	SCHED	06/29/2021 18:05:56	7	65	111	273	064:38:37.80 N	096:16:46.19 W
Summer	C-GLYF	428	ARRIVAL	06/29/2021 18:07:39	1	0	77	309	064:38:44.99 N	096:17:34.19 W
Summer	C-GLYF	428	XML_FLIGHT_SUMMARY	06/29/2021 18:07:40	0	0	0	0		
Summer	C-GLYF	428	SCHED	06/29/2021 18:10:19	8	48	85	47	064:38:49.20 N	096:17:15.00 W
Summer	C-GLYF	429	DEPARTURE	06/29/2021 18:10:25	2	31	82	359	064:38:53.99 N	096:17:10.20 W
Summer	C-GLYF	429	ARRIVAL	06/29/2021 18:11:01	2	0	70	285	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	429	DEPARTURE	06/29/2021 18:11:53	3	46	93	74	064:39:12.59 N	096:16:59.40 W
Summer	C-GLYF	429	ARRIVAL	06/29/2021 18:13:12	3	0	70	216	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	429	POWER_ON	06/29/2021 18:39:35	NA	NA	NA	NA		
Summer	C-GLYF	429	SCHED	06/29/2021 18:40:14	1	0	76	0	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	429	SCHED	06/29/2021 18:43:37	2	0	96	232	064:39:21.60 N	096:14:50.40 W
Summer	C-GLYF	429	DEPARTURE	06/29/2021 18:43:44	1	78	120	22	064:39:16.80 N	096:17:13.20 W
Summer	C-GLYF	429	ARRIVAL	06/29/2021 18:43:52	1	0	96	232	064:39:21.60 N	096:14:50.40 W
Summer	C-GLYF	429	DEPARTURE	06/29/2021 18:44:24	2	77	140	251	064:39:15.00 N	096:15:34.19 W
Summer	C-GLYF	429	SCHED	06/29/2021 18:46:44	3	77	118	322	064:39:13.19 N	096:17:47.39 W
Summer	C-GLYF	429	SCHED	06/29/2021 18:50:10	4	0	124	256	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	429	ARRIVAL	06/29/2021 18:50:23	2	0	123	256	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	429	DEPARTURE	06/29/2021 18:51:30	3	84	197	53	064:39:41.99 N	096:19:21.00 W
Summer	C-GLYF	429	SCHED	06/29/2021 18:53:49	5	0	131	263	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	429	SCHED	06/29/2021 18:55:58	6	0	133	20	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	429	SCHED	06/29/2021 18:58:07	7	11	142	243	064:38:58.20 N	096:17:07.80 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:00:20	8	42	153	303	064:39:21.60 N	096:14:33.59 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:02:37	9	26	148	265	064:39:22.80 N	096:14:59.39 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:04:45	10	1	116	253	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:06:54	11	0	136	291	064:39:22.19 N	096:14:52.19 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:09:03	12	57	117	340	064:39:00.59 N	096:17:17.39 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:12:22	13	1	127	324	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:15:01	14	14	163	268	064:38:57.60 N	096:17:04.79 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:17:08	15	98	202	86	064:39:18.00 N	096:16:30.60 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:19:20	16	62	241	244	064:39:16.19 N	096:15:59.39 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:21:35	17	79	185	293	064:39:19.80 N	096:18:12.60 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:23:48	18	25	130	309	064:39:25.19 N	096:19:25.80 W
Summer	C-GLYF	429	SCHED	06/29/2021 19:26:03	19	0	95	285	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	429	ARRIVAL	06/29/2021 19:26:31	3	0	95	285	064:39:22.80 N	096:14:52.19 W
Summer	C-GLYF	429	XML_FLIGHT_SUMMARY	06/29/2021 19:26:32	0	0	0	0		
Summer	C-GLYF	430	DEPARTURE	06/29/2021 19:27:16	4	76	136	227	064:39:10.20 N	096:15:25.79 W
Summer	C-GLYF	430	ARRIVAL	06/29/2021 19:29:04	4	0	72	12	064:38:57.00 N	096:17:10.80 W
Summer	C-GLYF	430	DEPARTURE	06/29/2021 19:30:34	5	75	115	320	064:39:12.00 N	096:17:40.20 W
Summer	C-GLYF	430	XML_OVERDUE_REPORT	06/29/2021 19:37:49	0	0	0	0		
Summer	C-GLYF	430	POWER_ON	06/29/2021 20:00:37	NA	NA	NA	NA		
Summer	C-GLYF	430	SCHED	06/29/2021 20:01:19	1	0	125	136	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	430	DEPARTURE	06/29/2021 20:02:43	1	90	160	100	064:39:10.20 N	096:19:00.60 W
Summer	C-GLYF	430	ARRIVAL	06/29/2021 20:04:45	1	0	77	23	064:38:57.00 N	096:17:10.80 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:04:52	2	0	76	23	064:38:57.00 N	096:17:10.80 W
Summer	C-GLYF	430	DEPARTURE	06/29/2021 20:06:05	2	46	97	59	064:39:11.39 N	096:17:01.19 W
Summer	C-GLYF	430	ARRIVAL	06/29/2021 20:07:22	2	0	78	218	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	430	DEPARTURE	06/29/2021 20:07:48	3	74	131	291	064:39:07.80 N	096:17:37.19 W
Summer	C-GLYF	430	ARRIVAL	06/29/2021 20:09:40	3	0	131	181	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:11:51	3	1	160	295	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	430	DEPARTURE	06/29/2021 20:13:05	4	71	225	138	064:39:09.59 N	096:19:28.80 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:15:15	4	1	114	314	064:39:07.19 N	096:16:53.99 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:17:22	5	47	239	277	064:39:20.99 N	096:18:34.79 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:19:37	6	63	229	126	064:39:09.00 N	096:19:19.79 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:22:29	7	0	113	118	064:39:07.19 N	096:16:53.99 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:24:36	8	2	176	270	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:26:46	9	76	224	109	064:38:46.20 N	096:17:03.00 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:29:50	10	9	118	319	064:39:07.19 N	096:16:55.80 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:31:58	11	85	503	21	064:41:13.19 N	096:12:38.40 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:34:05	12	78	583	359	064:44:02.39 N	096:11:46.20 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:36:12	13	83	549	7	064:46:54.00 N	096:10:59.39 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:38:28	14	81	601	6	064:49:42.60 N	096:10:01.79 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:40:34	15	82	573	6	064:52:48.59 N	096:09:10.20 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:42:48	16	80	603	9	064:55:31.19 N	096:08:14.39 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:44:55	17	80	519	9	064:58:28.80 N	096:06:57.60 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:47:14	18	58	291	27	065:00:56.39 N	096:05:09.59 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:49:22	19	20	192	25	065:01:22.79 N	096:04:27.60 W
Summer	C-GLYF	430	SCHED	06/29/2021 20:51:29	20	0	144	293	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	430	ARRIVAL	06/29/2021 20:52:01	4	0	144	293	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	430	XML_FLIGHT_SUMMARY	06/29/2021 20:52:02	0	0	0	0		
Summer	C-GLYF	431	POWER_ON	06/29/2021 21:09:39	NA	NA	NA	NA		
Summer	C-GLYF	431	SCHED	06/29/2021 21:10:19	1	0	136	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:12:27	2	0	138	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	431	DEPARTURE	06/29/2021 21:13:13	1	79	195	304	065:01:38.39 N	096:04:46.19 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:15:21	3	112	610	320	065:04:41.39 N	096:10:00.00 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:17:32	4	123	586	324	065:08:00.00 N	096:16:11.40 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:19:41	5	116	586	326	065:11:31.19 N	096:12:00.00 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:21:48	6	118	601	316	065:14:49.80 N	096:28:13.19 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:23:55	7	122	646	327	065:18:08.40 N	096:34:06.59 W
Summer	C-GLYF	431	SCHED	06/29/2021 21:26:02	8	110	452	284	065:21:25.20 N	096:40:09.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	431	SCHED	06/29/2021 21:28:18	9	0	163	161	065:22:16.80 N	096:40:58.80 W
Summer	C-GLYF	431	ARRIVAL	06/29/2021 21:29:40	1	0	165	161	065:22:16.80 N	096:40:57.60 W
Summer	C-GLYF	431	XML_FLIGHT_SUMMARY	06/29/2021 21:29:41	0	0	0	0		
Summer	C-GLYF	432	DEPARTURE	06/29/2021 21:31:28	2	80	208	22	065:22:28.80 N	096:41:14.39 W
Summer	C-GLYF	432	ARRIVAL	06/29/2021 21:33:41	2	0	153	19	065:23:55.20 N	096:40:32.39 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:34:37	10	0	152	19	065:23:55.20 N	096:40:32.39 W
Summer	C-GLYF	432	DEPARTURE	06/29/2021 21:34:55	3	70	214	178	065:23:34.79 N	096:40:30.60 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:37:05	11	101	528	142	065:20:39.00 N	096:37:28.80 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:40:51	12	110	627	139	065:15:00.60 N	096:27:24.59 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:42:58	13	112	600	142	065:11:50.40 N	096:21:30.00 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:45:06	14	114	582	142	065:08:35.40 N	096:15:59.39 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:49:06	15	110	351	148	065:02:52.80 N	096:05:25.80 W
Summer	C-GLYF	432	SCHED	06/29/2021 21:51:19	16	0	136	97	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	432	ARRIVAL	06/29/2021 21:51:31	3	0	136	97	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	432	XML_FLIGHT_SUMMARY	06/29/2021 21:51:32	0	0	0	0		
Summer	C-GLYF	433	POWER_ON	06/30/2021 02:42:46	NA	NA	NA	NA		
Summer	C-GLYF	433	SCHED	06/30/2021 02:43:22	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	433	SCHED	06/30/2021 02:45:30	2	0	135	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	433	SCHED	06/30/2021 02:47:41	3	0	138	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	433	SCHED	06/30/2021 02:49:47	4	0	138	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	433	POWER_ON	06/30/2021 11:07:16	NA	NA	NA	NA		
Summer	C-GLYF	433	SCHED	06/30/2021 11:07:55	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:10:11	2	2	215	231	065:01:27.60 N	096:04:18.00 W
Summer	C-GLYF	433	DEPARTURE	06/30/2021 11:11:28	1	55	225	200	065:01:23.40 N	096:04:48.60 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:13:36	3	87	749	191	064:57:48.00 N	096:06:13.79 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:15:45	4	96	764	189	064:54:32.40 N	096:07:51.59 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:18:04	5	95	769	191	064:51:11.40 N	096:09:01.79 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:20:14	6	92	740	191	064:47:30.59 N	096:10:37.80 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:22:23	7	97	758	192	064:44:19.19 N	096:12:39.59 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:24:30	8	102	495	197	064:40:58.80 N	096:15:03.60 W
Summer	C-GLYF	433	SCHED	06/30/2021 11:26:38	9	0	76	227	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	433	ARRIVAL	06/30/2021 11:27:17	1	0	77	227	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	433	XML_FLIGHT_SUMMARY	06/30/2021 11:27:18	0	0	0	0		
Summer	C-GLYF	434	DEPARTURE	06/30/2021 11:28:24	2	86	112	300	064:39:09.59 N	096:17:37.80 W
Summer	C-GLYF	434	ARRIVAL	06/30/2021 11:30:16	2	0	130	208	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	434	DEPARTURE	06/30/2021 11:32:14	3	82	162	85	064:39:14.39 N	096:18:53.99 W
Summer	C-GLYF	434	SCHED	06/30/2021 11:34:21	10	0	72	217	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	434	ARRIVAL	06/30/2021 11:34:53	3	0	72	217	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	434	DEPARTURE	06/30/2021 11:36:01	4	68	130	125	064:38:50.99 N	096:16:48.00 W
Summer	C-GLYF	434	SCHED	06/30/2021 11:38:12	11	120	530	6	064:42:04.80 N	096:12:40.20 W
Summer	C-GLYF	434	SCHED	06/30/2021 11:40:21	12	132	737	9	064:46:31.79 N	096:11:25.20 W
Summer	C-GLYF	434	SCHED	06/30/2021 11:42:28	13	135	760	11	064:51:09.00 N	096:09:35.40 W
Summer	C-GLYF	434	SCHED	06/30/2021 11:44:34	14	133	749	13	064:55:46.79 N	096:07:25.80 W
Summer	C-GLYF	434	SCHED	06/30/2021 11:46:41	15	128	384	11	065:00:21.60 N	096:05:19.79 W
Summer	C-GLYF	434	ARRIVAL	06/30/2021 11:48:49	4	0	138	204	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	434	XML_FLIGHT_SUMMARY	06/30/2021 11:48:50	0	0	0	0		
Summer	C-GLYF	434	SCHED	06/30/2021 11:48:56	16	0	138	204	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	435	POWER_ON	06/30/2021 12:29:24	NA	NA	NA	NA		
Summer	C-GLYF	435	POWER_ON	06/30/2021 14:00:51	NA	NA	NA	NA		
Summer	C-GLYF	435	SCHED	06/30/2021 14:01:29	1	0	151	51	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:03:38	2	0	144	46	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	435	DEPARTURE	06/30/2021 14:05:20	1	60	205	201	065:01:17.39 N	096:04:48.60 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:07:34	3	93	741	191	064:57:32.39 N	096:06:49.79 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:09:43	4	102	748	189	064:53:52.20 N	096:08:23.99 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:11:49	5	100	750	194	064:50:24.59 N	096:10:10.20 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:13:58	6	102	770	191	064:46:54.00 N	096:11:46.20 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:16:10	7	102	763	195	064:43:22.19 N	096:13:32.39 W
Summer	C-GLYF	435	SCHED	06/30/2021 14:18:23	8	79	317	205	064:39:51.00 N	096:16:08.40 W
Summer	C-GLYF	435	ARRIVAL	06/30/2021 14:20:06	1	0	81	226	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	435	XML_FLIGHT_SUMMARY	06/30/2021 14:20:07	0	0	0	0		
Summer	C-GLYF	436	DEPARTURE	06/30/2021 14:21:38	2	97	136	322	064:39:11.39 N	096:17:32.39 W
Summer	C-GLYF	436	ARRIVAL	06/30/2021 14:23:40	2	0	127	159	064:39:24.00 N	096:19:24.59 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:23:48	9	0	127	159	064:39:24.00 N	096:19:24.59 W
Summer	C-GLYF	436	POWER_ON	06/30/2021 14:37:02	NA	NA	NA	NA		
Summer	C-GLYF	436	SCHED	06/30/2021 14:37:46	1	0	122	0	064:39:24.00 N	096:19:24.00 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:39:57	2	1	146	35	064:39:22.80 N	096:19:21.59 W
Summer	C-GLYF	436	DEPARTURE	06/30/2021 14:41:03	1	69	216	87	064:39:12.00 N	096:18:59.40 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:43:14	3	0	107	210	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:45:25	4	2	164	240	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:47:40	5	49	149	168	064:39:22.19 N	096:16:58.80 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:49:53	6	1	106	151	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:52:04	7	58	213	262	064:39:33.60 N	096:18:54.59 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:54:12	8	14	170	216	064:39:21.60 N	096:19:23.40 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:56:21	9	1	119	192	064:39:06.59 N	096:16:53.99 W
Summer	C-GLYF	436	SCHED	06/30/2021 14:58:32	10	23	186	190	064:39:22.19 N	096:19:24.00 W
Summer	C-GLYF	436	SCHED	06/30/2021 15:00:40	11	8	130	15	064:39:07.80 N	096:16:53.99 W
Summer	C-GLYF	436	SCHED	06/30/2021 15:02:49	12	1	117	285	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	436	SCHED	06/30/2021 15:05:01	13	2	160	297	064:39:24.60 N	096:19:22.79 W
Summer	C-GLYF	436	SCHED	06/30/2021 15:07:17	14	0	85	221	064:39:07.19 N	096:16:52.19 W
Summer	C-GLYF	436	ARRIVAL	06/30/2021 15:07:28	1	0	85	221	064:39:07.19 N	096:16:52.19 W
Summer	C-GLYF	436	XML_FLIGHT_SUMMARY	06/30/2021 15:07:29	0	0	0	0		
Summer	C-GLYF	437	DEPARTURE	06/30/2021 15:08:38	2	84	116	28	064:39:20.99 N	096:17:01.79 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:10:45	15	0	107	243	064:39:21.60 N	096:14:50.40 W
Summer	C-GLYF	437	ARRIVAL	06/30/2021 15:11:07	2	0	108	243	064:39:21.60 N	096:14:50.40 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:13:29	16	1	108	292	064:39:21.60 N	096:14:50.40 W
Summer	C-GLYF	437	DEPARTURE	06/30/2021 15:13:54	3	63	168	237	064:39:13.19 N	096:15:25.20 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:16:04	17	0	132	188	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	437	ARRIVAL	06/30/2021 15:16:56	3	0	133	188	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	437	POWER_ON	06/30/2021 15:37:45	NA	NA	NA	NA		
Summer	C-GLYF	437	SCHED	06/30/2021 15:38:31	1	0	131	90	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	437	DEPARTURE	06/30/2021 15:40:24	1	63	219	108	064:39:11.39 N	096:19:05.40 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:42:31	2	97	504	9	064:42:13.80 N	096:15:53.39 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:44:40	3	103	751	15	064:45:43.80 N	096:14:10.20 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:46:51	4	101	818	13	064:49:13.20 N	096:12:10.80 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:48:58	5	103	751	12	064:52:49.79 N	096:10:18.60 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:51:05	6	104	759	13	064:56:15.00 N	096:08:23.99 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:53:12	7	102	575	16	064:59:52.19 N	096:06:19.19 W
Summer	C-GLYF	437	SCHED	06/30/2021 15:56:04	8	0	181	227	065:01:20.40 N	096:04:28.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	437	SCHED	06/30/2021 15:58:14	9	0	140	220	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	437	ARRIVAL	06/30/2021 15:58:50	1	0	138	220	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	437	XML_FLIGHT_SUMMARY	06/30/2021 15:58:51	0	0	0	0		
Summer	C-GLYF	438	POWER_ON	06/30/2021 16:14:32	NA	NA	NA	NA		
Summer	C-GLYF	438	SCHED	06/30/2021 16:15:13	1	0	139	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	438	SCHED	06/30/2021 16:17:22	2	0	140	184	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	438	POWER_ON	07/01/2021 11:02:18	NA	NA	NA	NA		
Summer	C-GLYF	438	SCHED	07/01/2021 11:03:13	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:05:40	2	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:07:49	3	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	438	DEPARTURE	07/01/2021 11:07:58	1	107	0	191	064:59:39.59 N	096:05:56.40 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:10:08	4	139	727	190	064:55:22.80 N	096:07:28.20 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:12:16	5	136	779	189	064:50:39.60 N	096:08:49.79 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:14:28	6	137	742	191	064:45:50.99 N	096:11:21.00 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:16:38	7	140	591	197	064:40:55.20 N	096:13:37.19 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:18:45	8	8	80	7	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	438	ARRIVAL	07/01/2021 11:19:37	1	0	75	359	064:39:07.80 N	096:16:52.80 W
Summer	C-GLYF	438	XML_FLIGHT_SUMMARY	07/01/2021 11:19:38	0	0	0	0		
Summer	C-GLYF	438	SCHED	07/01/2021 11:22:42	9	0	75	359	064:39:07.80 N	096:16:52.80 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:24:58	10	0	75	359	064:39:07.80 N	096:16:52.80 W
Summer	C-GLYF	438	SCHED	07/01/2021 11:27:07	11	5	79	339	064:39:07.80 N	096:16:52.80 W
Summer	C-GLYF	439	DEPARTURE	07/01/2021 11:27:39	2	64	112	44	064:39:25.19 N	096:16:39.00 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:29:51	12	96	534	12	064:42:16.19 N	096:13:46.20 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:31:59	13	102	720	13	064:45:43.20 N	096:11:59.39 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:34:09	14	104	755	12	064:49:11.40 N	096:09:54.59 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:36:18	15	104	734	15	064:52:49.20 N	096:07:55.79 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:38:29	16	107	669	9	064:56:28.19 N	096:06:13.79 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:40:37	17	102	268	12	065:00:10.79 N	096:05:22.19 W
Summer	C-GLYF	439	SCHED	07/01/2021 11:42:44	18	0	135	240	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	439	ARRIVAL	07/01/2021 11:43:02	2	0	135	240	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	439	XML_FLIGHT_SUMMARY	07/01/2021 11:43:03	0	0	0	0		
Summer	C-GLYF	440	POWER_ON	07/01/2021 12:21:33	NA	NA	NA	NA		
Summer	C-GLYF	440	SCHED	07/01/2021 12:22:09	1	0	133	239	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	440	SCHED	07/01/2021 12:24:16	2	0	135	30	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	440	POWER_ON	07/01/2021 16:27:51	NA	NA	NA	NA		
Summer	C-GLYF	440	SCHED	07/01/2021 16:29:38	1	0	139	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	440	DEPARTURE	07/01/2021 16:31:37	1	89	185	253	065:01:36.59 N	096:04:43.80 W
Summer	C-GLYF	440	SCHED	07/01/2021 16:33:49	2	128	341	192	064:57:16.80 N	096:07:00.60 W
Summer	C-GLYF	440	SCHED	07/01/2021 16:35:57	3	127	286	193	064:52:46.19 N	096:09:15.00 W
Summer	C-GLYF	440	SCHED	07/01/2021 16:38:06	4	123	253	197	064:49:03.59 N	096:14:04.79 W
Summer	C-GLYF	440	SCHED	07/01/2021 16:40:13	5	117	257	195	064:44:54.60 N	096:16:11.99 W
Summer	C-GLYF	440	SCHED	07/01/2021 16:42:20	6	115	219	180	064:41:28.19 N	096:17:32.39 W
Summer	C-GLYF	440	SCHED	07/01/2021 16:44:38	7	0	123	87	064:39:24.60 N	096:19:22.79 W
Summer	C-GLYF	440	ARRIVAL	07/01/2021 16:45:12	1	0	122	87	064:39:24.60 N	096:19:22.79 W
Summer	C-GLYF	440	XML_FLIGHT_SUMMARY	07/01/2021 16:45:13	0	0	0	0		
Summer	C-GLYF	441	DEPARTURE	07/01/2021 16:46:13	2	81	175	103	064:39:32.40 N	096:18:51.00 W
Summer	C-GLYF	441	ARRIVAL	07/01/2021 16:48:08	2	0	78	313	064:39:07.80 N	096:16:52.19 W
Summer	C-GLYF	441	POWER_ON	07/01/2021 17:28:04	NA	NA	NA	NA		
Summer	C-GLYF	441	SCHED	07/01/2021 17:28:41	1	0	73	283	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:30:50	2	3	109	350	064:39:06.59 N	096:16:55.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:33:00	3	1	104	311	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:35:07	4	0	74	36	064:39:07.19 N	096:16:52.80 W
Summer	C-GLYF	441	DEPARTURE	07/01/2021 17:37:19	1	87	104	221	064:39:07.19 N	096:17:29.39 W
Summer	C-GLYF	441	ARRIVAL	07/01/2021 17:38:10	1	0	61	32	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	441	DEPARTURE	07/01/2021 17:39:02	2	28	68	31	064:39:05.40 N	096:16:54.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:41:08	5	73	150	210	064:39:07.80 N	096:17:33.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:43:17	6	11	110	359	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:45:24	7	12	108	27	064:39:06.00 N	096:16:55.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:47:31	8	23	136	20	064:38:47.99 N	096:17:15.00 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:49:45	9	2	109	359	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:52:00	10	7	108	41	064:39:06.00 N	096:16:55.80 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:54:09	11	4	113	9	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 17:57:56	12	0	108	53	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:00:55	13	1	104	17	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:03:05	14	32	137	33	064:38:47.39 N	096:17:17.99 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:05:13	15	6	102	45	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:07:43	16	1	107	19	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:09:53	17	33	124	61	064:38:52.20 N	096:17:18.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:12:01	18	69	162	238	064:39:13.19 N	096:17:22.80 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:14:08	19	13	106	31	064:39:05.40 N	096:16:56.99 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:17:05	20	32	162	61	064:38:40.79 N	096:17:25.79 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:19:25	21	1	102	343	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:21:34	22	0	104	27	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:23:42	23	12	111	28	064:39:06.59 N	096:16:55.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:25:48	24	58	203	184	064:38:55.79 N	096:17:38.39 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:27:54	25	0	99	43	064:39:07.19 N	096:16:56.99 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:30:13	26	61	211	191	064:38:52.79 N	096:17:46.80 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:32:20	27	0	105	37	064:39:07.19 N	096:16:53.99 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:34:36	28	57	124	307	064:39:03.00 N	096:17:21.00 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:36:48	29	13	112	30	064:38:56.40 N	096:17:11.40 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:38:56	30	51	171	121	064:38:47.99 N	096:17:31.20 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:41:03	31	7	112	51	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:43:11	32	15	109	18	064:38:58.20 N	096:17:10.80 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:45:21	33	16	116	9	064:38:55.79 N	096:17:11.40 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:47:28	34	25	135	24	064:38:53.40 N	096:17:15.60 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:49:36	35	23	172	2	064:39:22.19 N	096:19:25.80 W
Summer	C-GLYF	441	SCHED	07/01/2021 18:51:55	36	0	123	188	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	441	ARRIVAL	07/01/2021 18:52:03	2	0	123	188	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	441	XML_FLIGHT_SUMMARY	07/01/2021 18:52:04	0	0	0	0		
Summer	C-GLYF	442	POWER_ON	07/01/2021 19:09:07	NA	NA	NA	NA		
Summer	C-GLYF	442	SCHED	07/01/2021 19:09:46	1	0	130	0	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	442	DEPARTURE	07/01/2021 19:11:34	1	85	236	129	064:39:28.80 N	096:18:43.80 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:13:58	2	63	180	224	064:39:09.59 N	096:17:29.39 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:16:05	3	51	143	288	064:39:12.00 N	096:17:01.79 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:18:14	4	0	106	13	064:39:07.19 N	096:16:53.99 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:20:24	5	10	116	31	064:39:07.19 N	096:16:58.19 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:22:30	6	1	109	44	064:38:58.20 N	096:17:10.80 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:24:38	7	75	197	168	064:38:54.59 N	096:17:40.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:26:47	8	54	148	273	064:39:12.00 N	096:17:09.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	442	SCHED	07/01/2021 19:28:56	9	1	111	31	064:39:07.80 N	096:16:57.60 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:31:09	10	16	116	34	064:39:05.40 N	096:16:57.60 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:33:15	11	33	151	19	064:38:47.99 N	096:17:16.79 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:35:25	12	3	119	24	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:37:36	13	1	119	65	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:39:47	14	1	115	22	064:39:07.19 N	096:16:55.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:41:56	15	0	115	72	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:44:04	16	68	196	160	064:38:51.60 N	096:17:37.19 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:46:10	17	15	125	32	064:39:06.00 N	096:16:56.39 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:48:25	18	24	136	27	064:38:53.99 N	096:17:15.60 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:50:32	19	13	119	25	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:52:39	20	31	145	16	064:38:50.99 N	096:17:16.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:54:45	21	1	109	69	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:57:10	22	3	111	7	064:39:07.19 N	096:16:56.99 W
Summer	C-GLYF	442	SCHED	07/01/2021 19:59:17	23	2	104	134	064:38:58.20 N	096:17:11.40 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:01:27	24	21	120	30	064:38:55.20 N	096:17:13.79 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:03:37	25	57	154	276	064:39:12.00 N	096:17:06.60 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:05:45	26	1	118	53	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:07:57	27	1	118	291	064:39:07.80 N	096:16:55.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:10:04	28	20	143	21	064:38:51.60 N	096:17:15.60 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:12:13	29	1	126	36	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:14:24	30	29	195	3	064:39:18.60 N	096:19:26.99 W
Summer	C-GLYF	442	SCHED	07/01/2021 20:16:31	31	0	84	330	064:39:07.80 N	096:16:52.19 W
Summer	C-GLYF	442	ARRIVAL	07/01/2021 20:17:10	1	0	83	330	064:39:07.80 N	096:16:52.19 W
Summer	C-GLYF	442	XML_FLIGHT_SUMMARY	07/01/2021 20:17:11	0	0	0	0		
Summer	C-GLYF	443	DEPARTURE	07/01/2021 20:18:18	2	76	113	282	064:39:15.00 N	096:17:33.00 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:20:23	32	0	129	119	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	443	ARRIVAL	07/01/2021 20:20:29	2	0	129	119	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	443	POWER_ON	07/01/2021 20:34:00	NA	NA	NA	NA		
Summer	C-GLYF	443	SCHED	07/01/2021 20:36:36	1	1	150	359	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	443	DEPARTURE	07/01/2021 20:37:53	1	58	242	92	064:39:32.99 N	096:18:55.20 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:40:05	2	0	99	62	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:42:15	3	21	181	15	064:39:20.39 N	096:19:24.59 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:44:25	4	91	243	165	064:38:57.00 N	096:17:52.80 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:46:32	5	21	120	335	064:38:58.79 N	096:17:10.80 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:48:43	6	64	187	108	064:39:21.60 N	096:19:07.20 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:50:50	7	46	169	10	064:39:09.59 N	096:17:10.80 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:53:00	8	58	470	358	064:41:10.20 N	096:16:54.59 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:55:20	9	57	675	11	064:43:13.19 N	096:16:06.60 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:57:27	10	51	672	15	064:45:13.19 N	096:14:56.99 W
Summer	C-GLYF	443	SCHED	07/01/2021 20:59:37	11	50	688	14	064:46:59.40 N	096:14:03.00 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:02:01	12	53	656	12	064:48:51.60 N	096:13:12.60 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:04:09	13	49	592	15	064:50:52.80 N	096:12:04.79 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:06:17	14	55	614	13	064:52:33.60 N	096:11:11.39 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:08:28	15	50	602	11	064:54:18.60 N	096:10:10.20 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:10:43	16	46	620	13	064:56:00.59 N	096:09:16.19 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:13:04	17	57	609	19	064:57:46.79 N	096:08:03.00 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:15:14	18	63	461	24	064:59:55.20 N	096:06:09.59 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:17:22	19	16	197	37	065:01:18.59 N	096:04:32.39 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:19:33	20	8	181	22	065:01:25.20 N	096:04:19.79 W
Summer	C-GLYF	443	SCHED	07/01/2021 21:21:41	21	0	136	299	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	443	ARRIVAL	07/01/2021 21:21:47	1	0	136	299	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	443	XML_FLIGHT_SUMMARY	07/01/2021 21:21:48	0	0	0	0		
Summer	C-GLYF	444	POWER_ON	07/01/2021 21:39:54	NA	NA	NA	NA		
Summer	C-GLYF	444	SCHED	07/01/2021 21:40:31	1	0	143	256	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	444	SCHED	07/01/2021 21:42:40	2	0	138	28	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	444	POWER_ON	07/02/2021 14:24:27	NA	NA	NA	NA		
Summer	C-GLYF	444	SCHED	07/02/2021 14:25:36	1	0	140	0	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	444	DEPARTURE	07/02/2021 14:27:43	1	62	206	123	065:01:27.00 N	096:03:39.60 W
Summer	C-GLYF	444	SCHED	07/02/2021 14:29:51	2	104	692	191	064:58:11.39 N	096:05:01.79 W
Summer	C-GLYF	444	SCHED	07/02/2021 14:32:02	3	116	750	193	064:54:15.00 N	096:06:56.40 W
Summer	C-GLYF	444	SCHED	07/02/2021 14:35:54	4	117	762	193	064:47:21.59 N	096:10:23.39 W
Summer	C-GLYF	444	SCHED	07/02/2021 14:38:55	5	123	643	189	064:41:57.59 N	096:13:48.59 W
Summer	C-GLYF	444	SCHED	07/02/2021 14:41:05	6	115	618	210	064:37:51.60 N	096:19:19.79 W
Summer	C-GLYF	444	SCHED	07/02/2021 14:43:15	7	21	105	121	064:36:24.00 N	096:22:20.40 W
Summer	C-GLYF	444	ARRIVAL	07/02/2021 14:44:15	1	0	88	208	064:36:22.19 N	096:22:18.59 W
Summer	C-GLYF	444	XML_FLIGHT_SUMMARY	07/02/2021 14:44:16	0	0	0	0		
Summer	C-GLYF	445	DEPARTURE	07/02/2021 14:46:09	2	79	171	72	064:36:14.39 N	096:21:38.99 W
Summer	C-GLYF	445	SCHED	07/02/2021 14:48:33	8	91	275	64	064:39:46.20 N	096:20:22.80 W
Summer	C-GLYF	445	ARRIVAL	07/02/2021 14:49:53	2	0	125	164	064:39:24.00 N	096:19:24.59 W
Summer	C-GLYF	445	XML_FLIGHT_SUMMARY	07/02/2021 14:49:54	0	0	0	0		
Summer	C-GLYF	446	POWER_ON	07/02/2021 15:21:58	NA	NA	NA	NA		
Summer	C-GLYF	446	DEPARTURE	07/02/2021 15:23:42	1	85	182	96	064:39:14.39 N	096:18:46.19 W
Summer	C-GLYF	446	SCHED	07/02/2021 15:24:08	1	36	98	164	064:39:00.59 N	096:17:15.60 W
Summer	C-GLYF	446	XML_OVERDUE_REPORT	07/02/2021 15:31:31	0	0	0	0		
Summer	C-GLYF	446	POWER_ON	07/02/2021 16:53:29	NA	NA	NA	NA		
Summer	C-GLYF	446	SCHED	07/02/2021 16:54:54	1	0	61	185	064:38:56.40 N	096:17:10.20 W
Summer	C-GLYF	446	DEPARTURE	07/02/2021 16:56:15	1	31	144	78	064:39:02.39 N	096:17:17.39 W
Summer	C-GLYF	446	SCHED	07/02/2021 16:58:27	2	1	107	169	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:00:37	3	0	68	12	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:02:46	4	0	125	163	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:04:54	5	0	74	118	064:38:56.40 N	096:17:11.99 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:07:04	6	8	114	203	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:09:10	7	0	165	218	064:39:22.80 N	096:19:21.00 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:11:18	8	43	174	191	064:39:20.39 N	096:19:24.00 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:13:25	9	42	175	279	064:38:52.79 N	096:17:31.20 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:15:36	10	3	154	23	064:39:22.80 N	096:19:21.59 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:17:55	11	34	153	153	064:39:08.39 N	096:17:15.60 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:20:02	12	61	238	298	064:39:24.00 N	096:18:36.59 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:22:13	13	14	166	234	064:39:22.80 N	096:19:24.00 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:24:22	14	0	100	196	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:26:29	15	6	169	265	064:39:23.39 N	096:19:21.00 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:28:45	16	74	237	79	064:39:06.59 N	096:18:46.19 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:31:01	17	89	223	316	064:39:25.80 N	096:18:27.00 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:33:09	18	97	245	206	064:38:25.20 N	096:20:01.79 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:35:18	19	50	101	273	064:36:27.00 N	096:22:28.80 W
Summer	C-GLYF	446	SCHED	07/02/2021 17:37:25	20	0	81	206	064:36:26.39 N	096:23:28.19 W
Summer	C-GLYF	446	ARRIVAL	07/02/2021 17:37:30	1	0	81	206	064:36:26.39 N	096:23:28.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	446	XML_FLIGHT_SUMMARY	07/02/2021 17:37:31	0	0	0	0		
Summer	C-GLYF	447	POWER_ON	07/02/2021 18:19:33	NA	NA	NA	NA		
Summer	C-GLYF	447	SCHED	07/02/2021 18:20:15	1	0	95	0	064:36:26.39 N	096:23:28.19 W
Summer	C-GLYF	447	DEPARTURE	07/02/2021 18:21:26	1	82	142	78	064:36:19.20 N	096:22:49.79 W
Summer	C-GLYF	447	SCHED	07/02/2021 18:23:37	2	33	124	147	064:39:28.80 N	096:19:26.39 W
Summer	C-GLYF	447	ARRIVAL	07/02/2021 18:24:35	1	0	113	179	064:39:25.19 N	096:19:24.59 W
Summer	C-GLYF	447	XML_FLIGHT_SUMMARY	07/02/2021 18:24:36	0	0	0	0		
Summer	C-GLYF	448	POWER_ON	07/02/2021 18:38:00	NA	NA	NA	NA		
Summer	C-GLYF	448	SCHED	07/02/2021 18:38:41	1	0	118	0	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	448	DEPARTURE	07/02/2021 18:40:17	1	82	221	95	064:39:19.80 N	096:18:37.19 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:42:31	2	0	111	192	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:44:38	3	90	443	9	064:40:54.59 N	096:16:52.19 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:46:54	4	97	633	9	064:44:04.79 N	096:15:33.00 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:49:03	5	89	693	14	064:47:27.60 N	096:13:55.80 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:51:11	6	86	742	13	064:50:22.80 N	096:12:19.79 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:53:19	7	84	723	15	064:53:12.00 N	096:10:31.79 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:55:30	8	84	673	17	064:56:01.19 N	096:08:53.40 W
Summer	C-GLYF	448	SCHED	07/02/2021 18:57:41	9	90	597	18	064:59:00.00 N	096:06:48.60 W
Summer	C-GLYF	448	SCHED	07/02/2021 19:00:01	10	38	218	136	065:01:28.20 N	096:04:37.80 W
Summer	C-GLYF	448	SCHED	07/02/2021 19:02:19	11	4	159	131	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	448	ARRIVAL	07/02/2021 19:03:26	1	0	146	203	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	448	XML_FLIGHT_SUMMARY	07/02/2021 19:03:27	0	0	0	0		
Summer	C-GLYF	449	POWER_ON	07/02/2021 19:26:52	NA	NA	NA	NA		
Summer	C-GLYF	449	SCHED	07/02/2021 19:27:31	1	0	135	122	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	449	DEPARTURE	07/02/2021 19:29:10	1	77	219	197	065:01:13.80 N	096:04:52.19 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:32:08	2	104	778	197	064:57:09.60 N	096:07:16.80 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:34:18	3	110	789	196	064:52:58.79 N	096:10:01.79 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:36:26	4	103	768	196	064:49:08.40 N	096:12:23.99 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:38:35	5	110	775	199	064:45:28.20 N	096:15:14.40 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:40:52	6	115	670	201	064:41:43.79 N	096:18:28.20 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:43:01	7	111	304	202	064:37:41.99 N	096:22:19.79 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:45:09	8	0	113	146	064:36:48.59 N	096:24:18.00 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:47:17	9	88	352	57	064:36:34.19 N	096:23:22.80 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:49:23	10	119	752	17	064:40:01.79 N	096:20:00.00 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:51:31	11	125	782	16	064:44:10.19 N	096:17:21.59 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:53:38	12	125	763	16	064:48:24.00 N	096:14:26.99 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:55:44	13	125	761	18	064:52:38.40 N	096:11:30.60 W
Summer	C-GLYF	449	SCHED	07/02/2021 19:57:52	14	129	688	16	064:56:50.40 N	096:08:34.79 W
Summer	C-GLYF	449	SCHED	07/02/2021 20:00:02	15	109	298	17	065:01:08.99 N	096:05:19.79 W
Summer	C-GLYF	449	ARRIVAL	07/02/2021 20:01:52	1	0	141	207	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	449	XML_FLIGHT_SUMMARY	07/02/2021 20:01:53	0	0	0	0		
Summer	C-GLYF	450	POWER_ON	07/02/2021 21:18:07	NA	NA	NA	NA		
Summer	C-GLYF	450	SCHED	07/02/2021 21:18:47	1	0	142	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:20:57	2	8	150	280	065:01:27.60 N	096:04:15.60 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:23:50	3	26	192	287	065:01:21.60 N	096:04:33.59 W
Summer	C-GLYF	450	DEPARTURE	07/02/2021 21:23:57	1	57	245	318	065:01:28.20 N	096:05:00.60 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:26:04	4	79	452	324	065:03:37.19 N	096:08:32.40 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:28:12	5	84	497	323	065:05:59.99 N	096:12:28.79 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:30:20	6	86	484	326	065:08:26.99 N	096:16:37.80 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:32:29	7	87	515	329	065:10:59.39 N	096:20:34.19 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:34:37	8	91	501	330	065:13:38.39 N	096:24:49.20 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:36:45	9	82	484	326	065:16:11.99 N	096:28:49.19 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:38:53	10	85	520	326	065:18:39.60 N	096:32:34.19 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:41:00	11	86	484	332	065:21:15.00 N	096:36:25.80 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:43:17	12	53	250	304	065:23:44.40 N	096:39:51.00 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:45:25	13	1	182	99	065:23:55.20 N	096:40:32.39 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:47:37	14	38	224	192	065:23:49.20 N	096:40:33.60 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:49:46	15	78	473	173	065:21:19.20 N	096:39:26.39 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:51:57	16	85	551	165	065:18:22.79 N	096:37:58.79 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:54:04	17	84	609	169	065:15:26.40 N	096:36:37.80 W
Summer	C-GLYF	450	SCHED	07/02/2021 21:56:11	18	81	642	168	065:12:33.59 N	096:35:16.20 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:00:00	19	87	555	168	065:07:13.20 N	096:32:04.79 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:02:07	20	91	665	172	065:04:23.39 N	096:30:32.39 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:04:16	21	86	653	173	065:01:23.40 N	096:29:24.59 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:06:36	22	85	641	168	064:58:20.40 N	096:28:28.79 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:08:51	23	90	574	165	064:55:03.59 N	096:26:24.59 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:11:03	24	85	728	162	064:52:05.40 N	096:24:12.60 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:13:11	25	84	748	164	064:49:03.59 N	096:21:40.20 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:15:23	26	83	706	166	064:46:07.19 N	096:19:38.99 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:17:42	27	72	643	172	064:43:09.60 N	096:18:13.79 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:19:51	28	73	492	179	064:40:19.19 N	096:17:21.00 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:22:00	29	0	116	222	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:24:10	30	1	113	157	064:38:57.60 N	096:17:11.40 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:27:09	31	0	123	218	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	450	SCHED	07/02/2021 22:29:20	32	20	168	183	064:39:27.60 N	096:19:24.00 W
Summer	C-GLYF	450	ARRIVAL	07/02/2021 22:31:22	1	0	126	183	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	450	XML_FLIGHT_SUMMARY	07/02/2021 22:31:23	0	0	0	0		
Summer	C-GLYF	450	SCHED	07/02/2021 22:31:29	33	0	126	183	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	451	POWER_ON	07/02/2021 22:45:58	NA	NA	NA	NA		
Summer	C-GLYF	451	SCHED	07/02/2021 22:46:37	1	0	126	337	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	451	DEPARTURE	07/02/2021 22:47:50	1	83	204	147	064:39:12.59 N	096:18:45.60 W
Summer	C-GLYF	451	SCHED	07/02/2021 22:50:50	2	0	90	67	064:38:21.60 N	096:17:54.59 W
Summer	C-GLYF	451	ARRIVAL	07/02/2021 22:50:58	1	0	90	67	064:38:21.60 N	096:17:54.59 W
Summer	C-GLYF	451	DEPARTURE	07/02/2021 22:53:13	2	69	170	100	064:38:08.39 N	096:17:56.40 W
Summer	C-GLYF	451	SCHED	07/02/2021 22:55:34	3	74	120	123	064:38:42.60 N	096:17:03.00 W
Summer	C-GLYF	451	SCHED	07/02/2021 22:57:47	4	124	450	9	064:43:00.59 N	096:14:19.19 W
Summer	C-GLYF	451	SCHED	07/02/2021 22:59:54	5	125	624	11	064:47:32.39 N	096:12:33.60 W
Summer	C-GLYF	451	SCHED	07/02/2021 23:02:03	6	130	857	12	064:51:56.99 N	096:10:20.39 W
Summer	C-GLYF	451	SCHED	07/02/2021 23:04:11	7	133	831	23	064:56:32.40 N	096:07:04.20 W
Summer	C-GLYF	451	SCHED	07/02/2021 23:06:38	8	107	344	342	065:00:58.19 N	096:02:41.99 W
Summer	C-GLYF	451	SCHED	07/02/2021 23:08:53	9	0	136	226	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	451	ARRIVAL	07/02/2021 23:09:11	2	0	136	226	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	451	XML_FLIGHT_SUMMARY	07/02/2021 23:09:12	0	0	0	0		
Summer	C-GLYF	451	SCHED	07/02/2021 23:11:25	10	0	135	226	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	451	SCHED	07/02/2021 23:13:32	11	0	134	94	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	451	SCHED	07/02/2021 23:15:42	12	0	132	224	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	452	POWER_ON	07/03/2021 14:44:00	NA	NA	NA	NA		
Summer	C-GLYF	452	SCHED	07/03/2021 14:44:39	1	0	0	0	065:01:26.40 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	452	SCHED	07/03/2021 14:46:50	2	0	131	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	452	DEPARTURE	07/03/2021 14:47:40	1	68	168	305	065:01:39.00 N	096:04:18.59 W
Summer	C-GLYF	452	SCHED	07/03/2021 14:51:37	3	127	434	189	064:54:16.80 N	096:08:11.99 W
Summer	C-GLYF	452	SCHED	07/03/2021 14:53:45	4	128	415	191	064:49:36.60 N	096:10:23.99 W
Summer	C-GLYF	452	SCHED	07/03/2021 14:55:55	5	128	409	189	064:45:07.19 N	096:12:16.19 W
Summer	C-GLYF	452	SCHED	07/03/2021 14:58:03	6	134	304	211	064:40:29.40 N	096:14:55.80 W
Summer	C-GLYF	452	SCHED	07/03/2021 15:01:05	7	0	125	132	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	452	ARRIVAL	07/03/2021 15:01:15	1	0	125	132	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	452	XML_FLIGHT_SUMMARY	07/03/2021 15:01:16	0	0	0	0		
Summer	C-GLYF	453	DEPARTURE	07/03/2021 15:03:07	2	65	174	92	064:39:32.40 N	096:18:59.40 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:05:28	8	13	95	53	064:38:45.60 N	096:17:28.20 W
Summer	C-GLYF	453	ARRIVAL	07/03/2021 15:06:32	2	0	90	341	064:38:46.79 N	096:17:28.20 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:08:45	9	1	74	29	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:10:58	10	0	72	29	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:13:10	11	0	72	358	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:15:21	12	0	70	357	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:17:29	13	16	86	41	064:39:07.19 N	096:16:55.80 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:19:40	14	9	88	24	064:39:07.19 N	096:16:51.00 W
Summer	C-GLYF	453	DEPARTURE	07/03/2021 15:19:56	3	86	151	250	064:39:18.60 N	096:17:15.00 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:22:06	15	32	94	27	064:39:02.39 N	096:16:58.19 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:24:13	16	0	114	29	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:27:09	17	46	207	114	064:38:31.80 N	096:17:59.40 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:29:17	18	18	112	36	064:39:04.79 N	096:16:56.99 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:31:27	19	15	139	34	064:38:43.80 N	096:17:33.00 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:33:39	20	30	135	7	064:39:10.80 N	096:16:52.19 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:35:49	21	1	125	14	064:38:46.20 N	096:17:30.00 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:38:03	22	6	119	14	064:39:07.19 N	096:16:53.99 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:40:14	23	1	126	33	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:42:26	24	1	116	51	064:39:07.19 N	096:16:54.59 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:44:35	25	2	125	204	064:38:46.20 N	096:17:31.20 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:46:51	26	84	259	294	064:39:05.40 N	096:19:02.39 W
Summer	C-GLYF	453	SCHED	07/03/2021 15:49:02	27	105	177	129	064:39:19.19 N	096:18:11.40 W
Summer	C-GLYF	453	ARRIVAL	07/03/2021 15:50:40	3	0	79	41	064:39:01.19 N	096:17:01.19 W
Summer	C-GLYF	453	XML_FLIGHT_SUMMARY	07/03/2021 15:50:41	0	0	0	0		
Summer	C-GLYF	454	DEPARTURE	07/03/2021 15:51:47	4	32	97	158	064:38:57.60 N	096:17:21.59 W
Summer	C-GLYF	454	ARRIVAL	07/03/2021 15:52:54	4	0	76	34	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	454	DEPARTURE	07/03/2021 15:53:57	5	36	100	200	064:38:43.20 N	096:17:22.19 W
Summer	C-GLYF	454	ARRIVAL	07/03/2021 15:55:37	5	0	86	35	064:38:44.99 N	096:17:26.39 W
Summer	C-GLYF	454	POWER_ON	07/03/2021 16:21:52	NA	NA	NA	NA		
Summer	C-GLYF	454	SCHED	07/03/2021 16:22:29	1	0	87	335	064:38:44.99 N	096:17:26.39 W
Summer	C-GLYF	454	SCHED	07/03/2021 16:24:39	2	0	72	24	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	454	POWER_ON	07/03/2021 16:45:43	NA	NA	NA	NA		
Summer	C-GLYF	454	SCHED	07/03/2021 16:46:21	1	0	76	23	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	454	DEPARTURE	07/03/2021 16:47:50	1	76	160	266	064:39:04.20 N	096:17:48.60 W
Summer	C-GLYF	454	SCHED	07/03/2021 16:50:07	2	0	124	84	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	454	SCHED	07/03/2021 16:53:51	3	77	224	147	064:39:14.39 N	096:18:25.20 W
Summer	C-GLYF	454	SCHED	07/03/2021 16:56:01	4	0	109	18	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	454	SCHED	07/03/2021 16:58:10	5	1	161	70	064:39:22.80 N	096:19:21.59 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:00:19	6	75	205	136	064:39:24.00 N	096:18:18.00 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:03:12	7	42	136	306	064:39:01.79 N	096:17:15.00 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:05:21	8	59	170	66	064:39:28.80 N	096:19:13.20 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:07:31	9	1	113	182	064:38:54.59 N	096:17:11.99 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:10:39	10	1	105	97	064:38:55.79 N	096:17:13.20 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:12:45	11	18	126	351	064:38:58.79 N	096:17:11.40 W
Summer	C-GLYF	454	SCHED	07/03/2021 17:14:51	12	1	161	133	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	454	ARRIVAL	07/03/2021 17:16:38	1	0	123	349	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	454	XML_FLIGHT_SUMMARY	07/03/2021 17:16:39	0	0	0	0		
Summer	C-GLYF	455	POWER_ON	07/03/2021 17:45:13	NA	NA	NA	NA		
Summer	C-GLYF	455	SCHED	07/03/2021 17:46:41	1	0	117	355	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	455	DEPARTURE	07/03/2021 17:48:15	1	59	196	15	064:39:40.79 N	096:19:10.20 W
Summer	C-GLYF	455	SCHED	07/03/2021 17:50:24	2	60	605	13	064:41:53.39 N	096:18:03.00 W
Summer	C-GLYF	455	SCHED	07/03/2021 17:52:30	3	57	615	16	064:44:03.60 N	096:16:48.00 W
Summer	C-GLYF	455	SCHED	07/03/2021 17:54:52	4	55	598	18	064:46:00.00 N	096:15:29.39 W
Summer	C-GLYF	455	SCHED	07/03/2021 17:57:04	5	56	649	13	064:48:03.59 N	096:14:16.19 W
Summer	C-GLYF	455	SCHED	07/03/2021 17:59:14	6	65	663	18	064:50:06.60 N	096:12:59.39 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:01:23	7	60	646	12	064:52:18.59 N	096:11:37.80 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:03:31	8	62	588	14	064:54:26.99 N	096:10:16.80 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:05:37	9	64	536	17	064:56:32.40 N	096:08:42.60 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:07:44	10	64	486	21	064:58:39.00 N	096:06:59.39 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:09:52	11	55	310	21	065:00:42.00 N	096:05:05.99 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:12:01	12	14	189	7	065:01:20.99 N	096:04:28.80 W
Summer	C-GLYF	455	SCHED	07/03/2021 18:14:08	13	0	137	280	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	455	ARRIVAL	07/03/2021 18:14:20	1	0	136	280	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	455	XML_FLIGHT_SUMMARY	07/03/2021 18:14:21	0	0	0	0		
Summer	C-GLYF	456	POWER_ON	07/03/2021 18:30:04	NA	NA	NA	NA		
Summer	C-GLYF	456	SCHED	07/03/2021 18:30:43	1	0	140	246	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	456	SCHED	07/03/2021 18:32:51	2	0	135	16	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	456	POWER_ON	07/04/2021 12:35:46	NA	NA	NA	NA		
Summer	C-GLYF	456	SCHED	07/04/2021 12:36:22	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:38:33	2	0	435	243	065:01:27.00 N	096:04:20.40 W
Summer	C-GLYF	456	DEPARTURE	07/04/2021 12:39:42	1	77	426	255	065:01:37.19 N	096:04:32.39 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:41:48	3	128	719	187	064:57:55.80 N	096:06:46.19 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:43:55	4	122	702	193	064:53:40.79 N	096:08:45.60 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:46:10	5	125	690	193	064:49:21.59 N	096:10:58.20 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:48:16	6	123	694	195	064:44:52.80 N	096:13:24.59 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:50:22	7	135	419	228	064:41:04.80 N	096:18:17.39 W
Summer	C-GLYF	456	SCHED	07/04/2021 12:52:30	8	0	125	123	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	456	ARRIVAL	07/04/2021 12:53:16	1	0	124	123	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	456	XML_FLIGHT_SUMMARY	07/04/2021 12:53:17	0	0	0	0		
Summer	C-GLYF	457	DEPARTURE	07/04/2021 12:54:01	2	88	185	125	064:39:26.99 N	096:18:43.80 W
Summer	C-GLYF	457	XML_OVERDUE_REPORT	07/04/2021 13:01:22	0	0	0	0		
Summer	C-GLYF	457	POWER_ON	07/04/2021 13:26:28	NA	NA	NA	NA		
Summer	C-GLYF	457	SCHED	07/04/2021 13:27:05	1	0	73	0	064:38:57.00 N	096:17:10.80 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:29:14	2	2	109	24	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:31:24	3	2	120	251	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:33:41	4	0	75	346	064:38:57.00 N	096:17:10.80 W
Summer	C-GLYF	457	DEPARTURE	07/04/2021 13:34:47	1	87	140	199	064:38:58.20 N	096:17:39.00 W
Summer	C-GLYF	457	ARRIVAL	07/04/2021 13:36:31	1	0	82	357	064:38:46.20 N	096:17:28.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	457	SCHED	07/04/2021 13:38:40	5	80	176	233	064:38:59.39 N	096:17:47.39 W
Summer	C-GLYF	457	DEPARTURE	07/04/2021 13:39:01	2	80	176	233	064:38:59.39 N	096:17:47.39 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:42:09	6	48	182	74	064:38:34.79 N	096:17:51.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:44:19	7	86	219	212	064:38:58.20 N	096:17:58.79 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:46:47	8	0	115	108	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:48:55	9	10	115	344	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:51:08	10	42	135	43	064:38:47.99 N	096:17:25.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:53:17	11	48	152	287	064:39:06.59 N	096:17:24.59 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:55:32	12	1	119	45	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:57:43	13	34	180	41	064:38:37.19 N	096:17:41.99 W
Summer	C-GLYF	457	SCHED	07/04/2021 13:59:57	14	3	106	320	064:38:58.20 N	096:17:09.59 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:02:05	15	32	121	36	064:38:53.40 N	096:17:15.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:04:27	16	18	119	31	064:38:56.40 N	096:17:11.40 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:06:37	17	3	106	28	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:08:48	18	9	141	24	064:38:45.60 N	096:17:31.79 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:10:59	19	36	132	323	064:39:01.19 N	096:17:13.79 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:13:18	20	25	117	32	064:38:55.20 N	096:17:13.79 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:15:36	21	1	122	20	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:17:46	22	1	127	358	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:19:52	23	5	132	7	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:22:06	24	83	185	229	064:39:00.00 N	096:17:45.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:24:14	25	43	124	309	064:39:00.59 N	096:17:13.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:26:22	26	21	118	324	064:38:58.79 N	096:17:11.40 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:28:33	27	0	107	20	064:38:57.60 N	096:17:09.59 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:30:41	28	9	128	28	064:38:44.99 N	096:17:31.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:32:50	29	0	117	40	064:38:58.20 N	096:17:10.80 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:35:01	30	0	128	44	064:38:46.20 N	096:17:31.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:37:40	31	0	115	34	064:38:58.20 N	096:17:10.20 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:39:54	32	21	138	21	064:38:40.19 N	096:17:27.60 W
Summer	C-GLYF	457	SCHED	07/04/2021 14:42:00	33	2	158	16	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	457	ARRIVAL	07/04/2021 14:43:48	2	0	123	183	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	457	XML_FLIGHT_SUMMARY	07/04/2021 14:43:49	0	0	0	0		
Summer	C-GLYF	458	POWER_ON	07/04/2021 15:07:09	NA	NA	NA	NA		
Summer	C-GLYF	458	SCHED	07/04/2021 15:07:57	1	0	128	345	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:10:12	2	62	197	118	064:39:24.00 N	096:19:04.20 W
Summer	C-GLYF	458	DEPARTURE	07/04/2021 15:10:20	1	84	212	130	064:39:16.80 N	096:18:43.20 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:12:45	3	60	249	211	064:38:55.20 N	096:17:58.19 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:14:55	4	0	110	10	064:38:58.20 N	096:17:10.80 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:17:05	5	1	119	23	064:38:44.40 N	096:17:24.00 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:19:20	6	41	167	94	064:38:37.80 N	096:17:39.59 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:21:32	7	70	226	185	064:38:42.60 N	096:17:50.39 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:23:41	8	16	121	334	064:38:59.39 N	096:17:11.40 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:25:50	9	9	108	17	064:38:58.20 N	096:17:11.40 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:28:01	10	38	127	42	064:38:47.99 N	096:17:25.20 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:30:10	11	19	116	30	064:38:56.40 N	096:17:11.40 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:33:12	12	2	121	284	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:35:18	13	29	151	29	064:38:39.60 N	096:17:36.59 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:37:27	14	0	113	48	064:38:57.60 N	096:17:10.80 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:39:39	15	1	129	347	064:38:46.20 N	096:17:31.20 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:41:51	16	34	140	323	064:39:01.19 N	096:17:13.20 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:43:57	17	26	126	34	064:38:53.99 N	096:17:14.39 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:46:10	18	15	133	16	064:38:44.40 N	096:17:32.39 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:48:17	19	49	153	323	064:39:04.79 N	096:17:16.20 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:51:18	20	0	120	77	064:38:57.60 N	096:17:11.40 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:53:31	21	26	172	60	064:38:34.79 N	096:17:48.60 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:55:41	22	0	127	25	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	458	SCHED	07/04/2021 15:57:57	23	65	204	225	064:39:02.39 N	096:17:41.99 W
Summer	C-GLYF	458	SCHED	07/04/2021 16:00:14	24	79	171	296	064:39:12.00 N	096:17:41.39 W
Summer	C-GLYF	458	SCHED	07/04/2021 16:02:25	25	103	167	130	064:39:12.00 N	096:18:23.40 W
Summer	C-GLYF	458	ARRIVAL	07/04/2021 16:04:01	1	0	77	21	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	458	XML_FLIGHT_SUMMARY	07/04/2021 16:04:02	0	0	0	0		
Summer	C-GLYF	459	DEPARTURE	07/04/2021 16:04:51	2	72	126	293	064:39:05.40 N	096:17:49.19 W
Summer	C-GLYF	459	ARRIVAL	07/04/2021 16:06:52	2	0	127	136	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	459	POWER_ON	07/04/2021 16:25:24	NA	NA	NA	NA		
Summer	C-GLYF	459	SCHED	07/04/2021 16:26:04	1	0	129	123	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:28:13	2	1	161	126	064:39:23.39 N	096:19:21.59 W
Summer	C-GLYF	459	DEPARTURE	07/04/2021 16:28:54	1	67	229	138	064:39:16.19 N	096:18:48.00 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:31:05	3	0	122	13	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:33:52	4	41	205	109	064:39:22.80 N	096:19:10.20 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:36:13	5	1	125	113	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:38:26	6	67	294	346	064:40:11.39 N	096:16:47.39 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:40:36	7	62	619	12	064:42:26.40 N	096:17:01.19 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:42:46	8	60	616	11	064:44:44.39 N	096:15:51.00 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:44:54	9	62	565	11	064:46:50.39 N	096:14:41.39 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:48:42	10	58	573	15	064:50:37.19 N	096:12:08.39 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:50:49	11	63	565	12	064:52:41.40 N	096:10:59.39 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:52:57	12	55	596	16	064:54:39.59 N	096:09:46.20 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:55:09	13	69	550	14	064:56:49.79 N	096:08:18.00 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:57:19	14	66	463	16	064:59:03.60 N	096:06:26.39 W
Summer	C-GLYF	459	SCHED	07/04/2021 16:59:25	15	42	257	22	065:01:06.60 N	096:04:46.19 W
Summer	C-GLYF	459	SCHED	07/04/2021 17:01:36	16	3	166	335	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	459	ARRIVAL	07/04/2021 17:03:47	1	0	136	298	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	459	XML_FLIGHT_SUMMARY	07/04/2021 17:03:48	0	0	0	0		
Summer	C-GLYF	459	SCHED	07/04/2021 17:04:04	17	0	136	298	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	460	POWER_ON	07/04/2021 17:19:55	NA	NA	NA	NA		
Summer	C-GLYF	460	SCHED	07/04/2021 17:20:36	1	0	137	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	460	POWER_ON	07/05/2021 12:48:01	NA	NA	NA	NA		
Summer	C-GLYF	460	SCHED	07/05/2021 12:48:52	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	460	SCHED	07/05/2021 12:51:10	2	0	99	216	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	460	DEPARTURE	07/05/2021 12:51:56	1	74	134	230	065:01:31.79 N	096:04:45.00 W
Summer	C-GLYF	460	SCHED	07/05/2021 12:54:06	3	125	749	194	064:57:34.20 N	096:06:04.79 W
Summer	C-GLYF	460	SCHED	07/05/2021 12:56:16	4	128	724	195	064:53:08.39 N	096:08:49.20 W
Summer	C-GLYF	460	SCHED	07/05/2021 12:58:32	5	130	754	197	064:48:39.60 N	096:11:48.59 W
Summer	C-GLYF	460	SCHED	07/05/2021 13:00:41	6	129	742	196	064:44:00.60 N	096:14:41.39 W
Summer	C-GLYF	460	SCHED	07/05/2021 13:02:48	7	114	433	200	064:39:37.80 N	096:18:13.79 W
Summer	C-GLYF	460	SCHED	07/05/2021 13:05:38	8	0	134	100	064:39:26.39 N	096:19:24.59 W
Summer	C-GLYF	460	ARRIVAL	07/05/2021 13:05:54	1	0	134	100	064:39:26.39 N	096:19:24.59 W
Summer	C-GLYF	460	XML_FLIGHT_SUMMARY	07/05/2021 13:05:55	0	0	0	0		
Summer	C-GLYF	461	POWER_ON	07/05/2021 14:45:33	NA	NA	NA	NA		
Summer	C-GLYF	461	SCHED	07/05/2021 14:46:41	1	0	127	115	064:39:25.80 N	096:19:24.00 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	461	DEPARTURE	07/05/2021 14:47:06	1	84	184	115	064:39:32.99 N	096:18:46.79 W
Summer	C-GLYF	461	ARRIVAL	07/05/2021 14:49:15	1	0	86	15	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	461	SCHED	07/05/2021 14:49:25	2	0	86	15	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	461	POWER_ON	07/05/2021 15:16:14	NA	NA	NA	NA		
Summer	C-GLYF	461	SCHED	07/05/2021 15:17:55	1	0	74	103	064:38:57.00 N	096:17:10.20 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:20:04	2	1	115	8	064:38:57.60 N	096:17:10.20 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:22:17	3	42	142	221	064:38:58.20 N	096:17:22.80 W
Summer	C-GLYF	461	DEPARTURE	07/05/2021 15:22:23	1	37	148	132	064:38:49.20 N	096:17:23.40 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:24:33	4	11	115	344	064:38:57.00 N	096:17:09.59 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:26:44	5	0	114	337	064:38:58.20 N	096:17:10.80 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:28:51	6	1	117	43	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:31:02	7	4	117	143	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:33:10	8	2	119	150	064:38:54.59 N	096:17:07.80 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:35:21	9	1	114	163	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:37:30	10	9	119	270	064:38:53.40 N	096:17:08.99 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:39:35	11	0	78	31	064:38:55.20 N	096:17:08.99 W
Summer	C-GLYF	461	ARRIVAL	07/05/2021 15:40:06	1	0	78	31	064:38:55.20 N	096:17:08.99 W
Summer	C-GLYF	461	SCHED	07/05/2021 15:42:14	12	0	75	31	064:38:55.20 N	096:17:08.99 W
Summer	C-GLYF	461	POWER_ON	07/05/2021 16:34:30	NA	NA	NA	NA		
Summer	C-GLYF	461	SCHED	07/05/2021 16:35:09	1	1	81	342	064:38:55.20 N	096:17:08.99 W
Summer	C-GLYF	461	DEPARTURE	07/05/2021 16:36:17	1	75	118	157	064:38:50.40 N	096:17:25.79 W
Summer	C-GLYF	461	XML_OVERDUE_REPORT	07/05/2021 16:43:43	0	0	0	0		
Summer	C-GLYF	461	POWER_ON	07/05/2021 17:05:38	NA	NA	NA	NA		
Summer	C-GLYF	461	SCHED	07/05/2021 17:06:20	1	0	84	113	064:38:46.20 N	096:17:28.79 W
Summer	C-GLYF	461	DEPARTURE	07/05/2021 17:07:29	1	61	148	270	064:38:57.60 N	096:17:46.19 W
Summer	C-GLYF	461	ARRIVAL	07/05/2021 17:09:34	1	0	121	129	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:09:41	2	0	121	129	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	461	POWER_ON	07/05/2021 17:27:37	NA	NA	NA	NA		
Summer	C-GLYF	461	SCHED	07/05/2021 17:28:15	1	1	116	177	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:30:26	2	0	148	3	064:39:22.80 N	096:19:22.19 W
Summer	C-GLYF	461	DEPARTURE	07/05/2021 17:32:03	1	55	228	81	064:39:34.79 N	096:19:08.40 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:34:15	3	2	109	195	064:38:44.40 N	096:17:24.59 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:36:26	4	2	159	6	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:38:33	5	0	115	69	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:40:45	6	42	212	319	064:39:15.59 N	096:19:05.40 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:43:09	7	10	122	2	064:38:44.99 N	096:17:31.20 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:45:25	8	72	363	3	064:40:26.40 N	096:16:39.00 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:47:42	9	71	624	8	064:43:13.19 N	096:15:50.40 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:49:48	10	59	582	16	064:45:40.80 N	096:14:37.19 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:51:58	11	76	601	15	064:47:55.80 N	096:13:21.60 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:54:11	12	72	595	14	064:50:35.99 N	096:11:45.00 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:56:21	13	68	543	13	064:53:03.59 N	096:10:21.60 W
Summer	C-GLYF	461	SCHED	07/05/2021 17:58:30	14	70	598	12	064:55:15.00 N	096:09:06.59 W
Summer	C-GLYF	461	SCHED	07/05/2021 18:00:46	15	68	592	17	064:57:38.99 N	096:07:47.99 W
Summer	C-GLYF	461	SCHED	07/05/2021 18:02:54	16	75	499	22	065:00:18.59 N	096:05:30.59 W
Summer	C-GLYF	461	SCHED	07/05/2021 18:05:01	17	0	173	56	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	461	SCHED	07/05/2021 18:07:09	18	2	136	28	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	461	XML_OVERDUE_REPORT	07/05/2021 18:14:30	0	0	0	0		
Summer	C-GLYF	461	XML_FLIGHT_SUMMARY	07/06/2021 11:31:42	0	0	0	0		
Summer	C-GLYF	462	POWER_ON	07/06/2021 11:31:41	NA	NA	NA	NA		
Summer	C-GLYF	462	SCHED	07/06/2021 11:32:18	1	0	0	0	065:01:27.60 N	096:04:17.39 W
Summer	C-GLYF	462	SCHED	07/06/2021 11:34:27	2	0	157	17	065:01:26.40 N	096:04:15.60 W
Summer	C-GLYF	462	SCHED	07/06/2021 11:36:34	3	1	155	310	065:01:24.59 N	096:04:13.20 W
Summer	C-GLYF	462	POWER_ON	07/06/2021 11:43:19	NA	NA	NA	NA		
Summer	C-GLYF	462	SCHED	07/06/2021 11:43:57	1	1	4846	53	065:02:07.19 N	096:01:46.19 W
Summer	C-GLYF	462	DEPARTURE	07/06/2021 11:44:14	NA	NA	NA	NA		
Summer	C-GLYF	462	SCHED	07/06/2021 11:46:16	2	0	-65	61	065:01:23.40 N	096:04:23.40 W
Summer	C-GLYF	462	SCHED	07/06/2021 11:48:27	3	73	1186	4	065:02:11.99 N	096:05:19.19 W
Summer	C-GLYF	462	SCHED	07/06/2021 11:50:37	4	81	466	266	065:01:03.60 N	096:01:58.19 W
Summer	C-GLYF	462	ARRIVAL	07/06/2021 11:52:38	1	0	188	206	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	462	XML_FLIGHT_SUMMARY	07/06/2021 11:52:39	0	0	0	0		
Summer	C-GLYF	462	SCHED	07/06/2021 11:52:45	5	0	187	206	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	462	SCHED	07/06/2021 11:54:55	6	0	186	206	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	463	POWER_ON	07/06/2021 16:44:14	NA	NA	NA	NA		
Summer	C-GLYF	463	SCHED	07/06/2021 16:44:54	1	0	0	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	463	SCHED	07/06/2021 16:47:01	2	0	0	0	065:01:28.79 N	096:04:18.00 W
Summer	C-GLYF	463	SCHED	07/06/2021 16:49:15	3	0	0	30	065:01:28.20 N	096:04:19.79 W
Summer	C-GLYF	463	POWER_ON	07/06/2021 17:42:58	NA	NA	NA	NA		
Summer	C-GLYF	463	SCHED	07/06/2021 17:43:38	1	0	121	295	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:46:00	2	62	149	47	065:01:34.20 N	096:04:27.60 W
Summer	C-GLYF	463	DEPARTURE	07/06/2021 17:46:10	1	64	150	74	065:01:36.00 N	096:04:19.19 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:48:24	3	104	527	349	065:01:23.99 N	096:01:43.20 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:50:41	4	98	652	312	065:04:37.80 N	096:05:16.79 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:52:52	5	109	661	337	065:08:26.99 N	096:08:47.39 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:55:06	6	104	677	319	065:11:38.40 N	096:14:03.60 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:57:21	7	100	691	316	065:14:29.40 N	096:20:13.20 W
Summer	C-GLYF	463	SCHED	07/06/2021 17:59:28	8	101	691	315	065:17:14.99 N	096:26:23.40 W
Summer	C-GLYF	463	SCHED	07/06/2021 18:01:36	9	108	578	319	065:19:59.40 N	096:32:28.20 W
Summer	C-GLYF	463	SCHED	07/06/2021 18:03:55	10	108	615	330	065:23:00.00 N	096:37:30.00 W
Summer	C-GLYF	463	SCHED	07/06/2021 18:06:02	11	96	600	246	065:24:55.79 N	096:43:56.99 W
Summer	C-GLYF	463	SCHED	07/06/2021 18:08:09	12	104	427	24	065:23:42.60 N	096:37:59.39 W
Summer	C-GLYF	463	SCHED	07/06/2021 18:10:17	13	0	148	356	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	463	ARRIVAL	07/06/2021 18:10:26	1	0	148	356	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	463	XML_FLIGHT_SUMMARY	07/06/2021 18:10:27	0	0	0	0		
Summer	C-GLYF	463	SCHED	07/06/2021 18:12:33	14	0	146	356	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	464	POWER_ON	07/06/2021 18:28:03	NA	NA	NA	NA		
Summer	C-GLYF	464	SCHED	07/06/2021 18:28:42	1	0	159	299	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	464	DEPARTURE	07/06/2021 18:31:30	1	75	228	173	065:23:33.60 N	096:40:27.60 W
Summer	C-GLYF	464	SCHED	07/06/2021 18:33:39	2	102	737	150	065:19:11.99 N	096:34:19.19 W
Summer	C-GLYF	464	SCHED	07/06/2021 18:35:55	3	126	742	144	065:15:44.39 N	096:29:14.40 W
Summer	C-GLYF	464	SCHED	07/06/2021 18:38:09	4	124	749	142	065:12:00.59 N	096:22:37.19 W
Summer	C-GLYF	464	SCHED	07/06/2021 18:40:30	5	122	747	139	065:08:18.00 N	096:15:24.59 W
Summer	C-GLYF	464	SCHED	07/06/2021 18:42:42	6	121	474	147	065:04:30.59 N	096:08:16.80 W
Summer	C-GLYF	464	SCHED	07/06/2021 18:44:53	7	27	157	181	065:01:29.39 N	096:04:16.79 W
Summer	C-GLYF	464	ARRIVAL	07/06/2021 18:45:51	1	0	141	197	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	464	XML_FLIGHT_SUMMARY	07/06/2021 18:45:52	0	0	0	0		
Summer	C-GLYF	465	POWER_ON	07/06/2021 19:05:47	NA	NA	NA	NA		
Summer	C-GLYF	465	SCHED	07/06/2021 19:07:13	1	0	128	0	065:01:26.40 N	096:04:16.79 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	465	DEPARTURE	07/06/2021 19:08:12	1	67	189	197	065:01:13.80 N	096:04:47.40 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:10:23	2	88	724	191	064:58:18.60 N	096:06:01.20 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:12:33	3	100	744	192	064:54:52.79 N	096:07:50.40 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:15:44	4	103	761	194	064:50:31.80 N	096:10:18.00 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:18:02	5	102	667	199	064:46:06.60 N	096:13:30.60 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:20:09	6	102	476	200	064:42:28.20 N	096:16:31.20 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:22:17	7	55	187	195	064:39:37.80 N	096:19:26.99 W
Summer	C-GLYF	465	ARRIVAL	07/06/2021 19:23:47	1	0	125	177	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	465	XML_FLIGHT_SUMMARY	07/06/2021 19:23:48	0	0	0	0		
Summer	C-GLYF	465	SCHED	07/06/2021 19:26:17	8	0	121	177	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	465	SCHED	07/06/2021 19:28:26	9	2	136	10	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	466	DEPARTURE	07/06/2021 19:29:52	2	76	221	96	064:39:12.00 N	096:18:51.60 W
Summer	C-GLYF	466	SCHED	07/06/2021 19:31:59	10	14	147	209	064:38:48.59 N	096:17:28.20 W
Summer	C-GLYF	466	SCHED	07/06/2021 19:34:05	11	11	184	259	064:39:23.39 N	096:19:20.40 W
Summer	C-GLYF	466	SCHED	07/06/2021 19:37:10	12	2	126	173	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	466	SCHED	07/06/2021 19:39:18	13	92	256	97	064:39:09.59 N	096:18:16.20 W
Summer	C-GLYF	466	SCHED	07/06/2021 19:41:28	14	0	94	339	064:38:46.20 N	096:17:29.39 W
Summer	C-GLYF	466	SCHED	07/06/2021 19:44:23	15	61	162	142	064:39:15.00 N	096:19:18.59 W
Summer	C-GLYF	466	ARRIVAL	07/06/2021 19:44:35	2	0	129	172	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	466	XML_FLIGHT_SUMMARY	07/06/2021 19:44:36	0	0	0	0		
Summer	C-GLYF	467	DEPARTURE	07/06/2021 19:44:57	3	84	215	88	064:39:11.39 N	096:18:55.80 W
Summer	C-GLYF	467	ARRIVAL	07/06/2021 19:46:15	3	0	87	265	064:38:46.20 N	096:17:28.79 W
Summer	C-GLYF	467	POWER_ON	07/06/2021 20:08:46	NA	NA	NA	NA		
Summer	C-GLYF	467	SCHED	07/06/2021 20:09:22	1	0	89	0	064:38:46.20 N	096:17:28.79 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:11:30	2	0	124	354	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:13:42	3	0	87	99	064:38:46.20 N	096:17:28.20 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:15:50	4	1	74	163	064:38:54.59 N	096:17:07.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:17:56	5	3	92	330	064:38:46.20 N	096:17:29.39 W
Summer	C-GLYF	467	DEPARTURE	07/06/2021 20:19:11	1	75	168	41	064:38:46.20 N	096:16:49.79 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:21:21	6	44	147	135	064:38:41.99 N	096:17:28.20 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:23:31	7	1	121	219	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:25:36	8	23	154	204	064:38:57.60 N	096:17:04.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:27:42	9	34	121	233	064:38:49.79 N	096:17:19.79 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:30:03	10	8	121	183	064:38:55.20 N	096:17:07.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:32:18	11	1	118	2	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:34:25	12	10	129	198	064:38:55.20 N	096:17:06.60 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:36:32	13	79	179	21	064:38:44.40 N	096:16:39.00 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:38:45	14	0	118	227	064:38:46.20 N	096:17:30.60 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:40:51	15	3	112	180	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:43:06	16	11	129	203	064:38:55.20 N	096:17:06.60 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:45:12	17	77	187	60	064:38:37.19 N	096:16:58.80 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:47:25	18	34	120	234	064:38:52.79 N	096:17:13.20 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:49:33	19	4	117	237	064:38:54.59 N	096:17:07.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:51:44	20	22	142	251	064:38:55.79 N	096:17:01.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:53:52	21	42	161	267	064:38:57.00 N	096:16:52.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:56:02	22	1	124	226	064:38:46.20 N	096:17:30.00 W
Summer	C-GLYF	467	SCHED	07/06/2021 20:58:15	23	2	116	198	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	467	SCHED	07/06/2021 21:00:23	24	1	120	121	064:38:44.40 N	096:17:24.00 W
Summer	C-GLYF	467	SCHED	07/06/2021 21:02:30	25	0	111	253	064:38:54.59 N	096:17:11.99 W
Summer	C-GLYF	467	SCHED	07/06/2021 21:04:37	26	60	214	69	064:38:34.19 N	096:17:00.00 W
Summer	C-GLYF	467	SCHED	07/06/2021 21:06:44	27	1	114	75	064:38:53.99 N	096:17:08.40 W
Summer	C-GLYF	467	SCHED	07/06/2021 21:08:59	28	0	124	23	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	467	XML_OVERDUE_REPORT	07/06/2021 21:16:25	0	0	0	0		
Summer	C-GLYF	467	XML_FLIGHT_SUMMARY	07/06/2021 21:25:40	0	0	0	0		
Summer	C-GLYF	468	POWER_ON	07/06/2021 21:25:39	NA	NA	NA	NA		
Summer	C-GLYF	468	SCHED	07/06/2021 21:27:18	1	0	129	0	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	468	DEPARTURE	07/06/2021 21:28:26	1	96	224	103	064:39:12.00 N	096:18:49.79 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:30:35	2	48	157	309	064:38:53.99 N	096:16:46.19 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:32:44	3	69	174	94	064:38:36.60 N	096:17:15.00 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:35:03	4	44	148	162	064:38:41.40 N	096:17:32.39 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:37:22	5	31	127	194	064:38:43.80 N	096:17:32.39 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:39:37	6	60	162	136	064:38:37.80 N	096:17:26.39 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:41:51	7	29	132	187	064:38:43.80 N	096:17:31.79 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:45:06	8	80	195	40	064:38:35.99 N	096:16:40.80 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:47:29	9	54	185	130	064:38:37.19 N	096:17:27.60 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:49:41	10	0	112	160	064:38:53.99 N	096:17:08.40 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:51:55	11	39	140	183	064:38:41.99 N	096:17:34.19 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:54:18	12	6	118	225	064:38:46.20 N	096:17:31.20 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:56:27	13	19	110	228	064:38:53.99 N	096:17:08.99 W
Summer	C-GLYF	468	SCHED	07/06/2021 21:58:42	14	56	174	323	064:38:52.20 N	096:16:43.20 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:00:49	15	0	121	182	064:38:46.20 N	096:17:31.20 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:03:06	16	1	106	300	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:05:16	17	1	114	265	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:07:28	18	73	181	0	064:38:48.59 N	096:16:39.59 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:09:45	19	78	171	76	064:38:37.19 N	096:17:05.40 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:11:52	20	1	116	203	064:38:44.40 N	096:17:24.59 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:14:05	21	23	117	205	064:38:46.79 N	096:17:21.59 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:16:22	22	1	111	222	064:38:54.59 N	096:17:11.99 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:18:33	23	6	113	247	064:38:54.59 N	096:17:10.80 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:20:43	24	1	128	3	064:38:54.59 N	096:17:12.60 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:22:51	25	14	133	214	064:38:44.99 N	096:17:34.19 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:25:01	26	3	126	240	064:38:53.99 N	096:17:06.60 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:27:14	27	0	115	240	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:29:28	28	39	185	223	064:38:37.80 N	096:17:43.20 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:31:35	29	1	131	318	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	468	SCHED	07/06/2021 22:33:42	30	0	81	273	064:38:44.99 N	096:17:32.39 W
Summer	C-GLYF	468	ARRIVAL	07/06/2021 22:34:04	1	0	81	273	064:38:44.99 N	096:17:32.39 W
Summer	C-GLYF	468	XML_FLIGHT_SUMMARY	07/06/2021 22:34:05	0	0	0	0		
Summer	C-GLYF	469	DEPARTURE	07/06/2021 22:34:58	2	75	123	328	064:39:03.00 N	096:17:46.19 W
Summer	C-GLYF	469	XML_OVERDUE_REPORT	07/06/2021 22:42:20	0	0	0	0		
Summer	C-GLYF	469	POWER_ON	07/06/2021 22:56:04	NA	NA	NA	NA		
Summer	C-GLYF	469	SCHED	07/06/2021 22:57:34	1	0	124	351	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:00:08	2	48	189	311	064:39:26.39 N	096:19:42.60 W
Summer	C-GLYF	469	DEPARTURE	07/06/2021 23:00:19	1	65	201	6	064:39:35.40 N	096:19:49.19 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:02:27	3	64	592	12	064:42:23.40 N	096:17:50.39 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:04:35	4	69	728	12	064:44:42.59 N	096:16:36.59 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:06:47	5	78	749	15	064:47:10.79 N	096:15:30.00 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:09:06	6	63	553	18	064:49:38.39 N	096:13:11.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	469	SCHED	07/06/2021 23:11:15	7	68	571	20	064:52:06.59 N	096:11:32.39 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:13:21	8	73	584	16	064:54:31.80 N	096:10:01.20 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:16:07	9	78	596	16	064:57:34.79 N	096:08:06.00 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:19:11	10	64	329	7	065:00:50.99 N	096:04:34.19 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:21:23	11	2	179	155	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	469	SCHED	07/06/2021 23:23:31	12	0	151	61	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	469	ARRIVAL	07/06/2021 23:24:48	1	0	146	203	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	469	XML_FLIGHT_SUMMARY	07/06/2021 23:24:49	0	0	0	0		
Summer	C-GLYF	469	SCHED	07/06/2021 23:26:57	13	0	141	277	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	470	POWER_ON	07/06/2021 23:41:39	NA	NA	NA	NA		
Summer	C-GLYF	470	SCHED	07/06/2021 23:42:15	1	0	147	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	470	SCHED	07/06/2021 23:44:23	2	0	145	207	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	470	POWER_ON	07/07/2021 10:39:10	NA	NA	NA	NA		
Summer	C-GLYF	470	SCHED	07/07/2021 10:39:49	1	0	0	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	470	SCHED	07/07/2021 10:42:01	2	0	147	0	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	470	DEPARTURE	07/07/2021 10:43:11	1	70	173	316	065:01:36.59 N	096:04:57.60 W
Summer	C-GLYF	470	SCHED	07/07/2021 10:46:16	3	0	152	216	065:01:27.60 N	096:04:20.40 W
Summer	C-GLYF	470	ARRIVAL	07/07/2021 10:46:28	1	0	152	216	065:01:27.60 N	096:04:20.40 W
Summer	C-GLYF	470	POWER_ON	07/07/2021 17:16:39	NA	NA	NA	NA		
Summer	C-GLYF	470	SCHED	07/07/2021 17:17:09	1	0	0	0	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	470	SCHED	07/07/2021 17:19:18	2	0	209	166	065:01:28.20 N	096:04:17.39 W
Summer	C-GLYF	470	DEPARTURE	07/07/2021 17:19:56	1	89	236	228	065:01:32.39 N	096:04:52.80 W
Summer	C-GLYF	470	SCHED	07/07/2021 17:22:08	3	126	760	196	064:57:26.99 N	096:07:44.40 W
Summer	C-GLYF	470	SCHED	07/07/2021 17:24:22	4	138	735	196	064:52:39.60 N	096:10:48.00 W
Summer	C-GLYF	470	SCHED	07/07/2021 17:26:31	5	139	754	193	064:47:37.80 N	096:13:40.79 W
Summer	C-GLYF	470	SCHED	07/07/2021 17:28:40	6	139	756	195	064:42:52.19 N	096:16:37.19 W
Summer	C-GLYF	470	SCHED	07/07/2021 17:30:53	7	50	161	338	064:39:12.59 N	096:19:22.79 W
Summer	C-GLYF	470	ARRIVAL	07/07/2021 17:32:14	1	0	120	187	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	470	XML_FLIGHT_SUMMARY	07/07/2021 17:32:15	0	0	0	0		
Summer	C-GLYF	470	SCHED	07/07/2021 17:34:23	8	0	120	187	064:39:23.39 N	096:19:23.40 W
Summer	C-GLYF	471	DEPARTURE	07/07/2021 17:36:39	2	61	243	103	064:39:31.80 N	096:18:58.79 W
Summer	C-GLYF	471	SCHED	07/07/2021 17:39:00	9	1	106	47	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	471	SCHED	07/07/2021 17:41:08	10	6	174	36	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	471	SCHED	07/07/2021 17:43:16	11	91	241	153	064:39:12.00 N	096:18:10.20 W
Summer	C-GLYF	471	SCHED	07/07/2021 17:45:24	12	7	111	359	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	471	SCHED	07/07/2021 17:47:32	13	7	157	302	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	471	SCHED	07/07/2021 17:49:39	14	9	92	352	064:38:54.59 N	096:17:35.40 W
Summer	C-GLYF	471	ARRIVAL	07/07/2021 17:50:36	2	0	84	5	064:38:55.20 N	096:17:35.40 W
Summer	C-GLYF	471	XML_FLIGHT_SUMMARY	07/07/2021 17:50:37	0	0	0	0		
Summer	C-GLYF	472	DEPARTURE	07/07/2021 17:52:01	3	72	153	270	064:39:03.00 N	096:18:05.99 W
Summer	C-GLYF	472	ARRIVAL	07/07/2021 17:53:52	3	0	119	175	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	472	SCHED	07/07/2021 17:56:03	15	22	167	18	064:39:24.00 N	096:19:20.40 W
Summer	C-GLYF	472	SCHED	07/07/2021 17:58:22	16	1	104	324	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	472	DEPARTURE	07/07/2021 17:58:29	4	65	239	101	064:39:32.40 N	096:18:58.19 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:00:46	17	55	362	7	064:40:07.19 N	096:16:42.60 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:02:57	18	55	597	16	064:42:16.80 N	096:16:11.99 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:05:56	19	57	585	14	064:44:49.80 N	096:14:47.39 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:08:10	20	51	572	15	064:46:58.80 N	096:13:40.79 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:10:20	21	54	589	19	064:49:00.00 N	096:12:25.80 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:12:28	22	53	585	19	064:50:52.80 N	096:11:26.40 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:14:37	23	51	597	11	064:52:40.19 N	096:10:13.80 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:16:44	24	55	617	14	064:54:32.40 N	096:09:19.19 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:18:58	25	51	562	18	064:56:29.40 N	096:08:12.60 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:21:16	26	60	538	20	064:58:25.79 N	096:06:43.19 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:23:23	27	52	387	20	065:00:30.59 N	096:05:00.60 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:25:32	28	1	173	281	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	472	SCHED	07/07/2021 18:27:44	29	4	145	296	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	472	ARRIVAL	07/07/2021 18:28:35	4	0	136	296	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	472	XML_FLIGHT_SUMMARY	07/07/2021 18:28:36	0	0	0	0		
Summer	C-GLYF	473	POWER_ON	07/07/2021 18:46:44	NA	NA	NA	NA		
Summer	C-GLYF	473	SCHED	07/07/2021 18:48:12	1	0	138	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	473	SCHED	07/07/2021 18:50:21	2	0	142	34	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	473	POWER_ON	07/08/2021 16:28:59	NA	NA	NA	NA		
Summer	C-GLYF	473	SCHED	07/08/2021 16:29:31	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:31:40	2	0	184	17	065:01:27.60 N	096:04:17.39 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:33:58	3	9	192	188	065:01:20.99 N	096:04:28.20 W
Summer	C-GLYF	473	DEPARTURE	07/08/2021 16:35:14	1	70	275	188	065:01:14.99 N	096:04:56.99 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:38:19	4	91	630	193	064:57:45.59 N	096:06:38.99 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:40:27	5	95	621	191	064:54:01.19 N	096:08:45.00 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:42:34	6	87	640	195	064:51:02.39 N	096:10:30.60 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:44:46	7	88	580	189	064:47:58.19 N	096:12:02.39 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:46:57	8	88	648	194	064:44:53.39 N	096:13:34.79 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:49:05	9	94	550	185	064:41:34.79 N	096:14:52.19 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:51:12	10	57	240	245	064:38:38.40 N	096:16:15.60 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:53:23	11	1	123	257	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:55:34	12	40	247	318	064:39:09.00 N	096:19:05.99 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:57:41	13	53	224	80	064:39:32.40 N	096:19:04.20 W
Summer	C-GLYF	473	SCHED	07/08/2021 16:59:49	14	1	108	16	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:01:56	15	0	106	16	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:04:03	16	0	102	221	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:06:13	17	0	102	33	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:08:21	18	0	145	296	064:39:22.80 N	096:19:22.19 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:10:40	19	72	228	155	064:38:39.60 N	096:17:44.39 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:12:49	20	0	105	56	064:38:53.99 N	096:17:08.40 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:15:55	21	0	105	56	064:38:53.99 N	096:17:08.40 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:18:10	22	22	197	6	064:39:20.39 N	096:19:22.19 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:20:15	23	42	170	28	064:38:40.79 N	096:17:11.99 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:22:28	24	73	196	280	064:39:00.00 N	096:17:54.59 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:24:40	25	9	160	194	064:39:22.80 N	096:19:22.79 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:26:55	26	0	87	142	064:38:46.20 N	096:17:28.20 W
Summer	C-GLYF	473	SCHED	07/08/2021 17:29:05	27	0	118	171	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	473	ARRIVAL	07/08/2021 17:29:27	1	0	118	171	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	473	XML_FLIGHT_SUMMARY	07/08/2021 17:29:28	0	0	0	0		
Summer	C-GLYF	474	DEPARTURE	07/08/2021 17:30:34	2	89	190	140	064:39:24.60 N	096:18:46.19 W
Summer	C-GLYF	474	SCHED	07/08/2021 17:32:53	28	0	82	294	064:38:45.60 N	096:17:28.20 W
Summer	C-GLYF	474	ARRIVAL	07/08/2021 17:33:08	2	0	82	294	064:38:45.60 N	096:17:28.20 W
Summer	C-GLYF	474	POWER_ON	07/08/2021 17:56:56	NA	NA	NA	NA		
Summer	C-GLYF	474	SCHED	07/08/2021 17:57:29	1	0	81	0	064:38:46.20 N	096:17:28.79 W
Summer	C-GLYF	474	SCHED	07/08/2021 17:59:37	2	0	116	54	064:38:46.20 N	096:17:30.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	474	SCHED	07/08/2021 18:01:44	3	2	115	82	064:38:46.20 N	096:17:26.39 W
Summer	C-GLYF	474	SCHED	07/08/2021 18:03:51	4	0	112	350	064:38:46.20 N	096:17:31.20 W
Summer	C-GLYF	474	SCHED	07/08/2021 18:06:07	5	0	115	334	064:38:45.60 N	096:17:30.60 W
Summer	C-GLYF	474	SCHED	07/08/2021 18:08:17	6	4	113	110	064:38:46.20 N	096:17:28.79 W
Summer	C-GLYF	474	SCHED	07/08/2021 18:10:27	7	6	114	283	064:38:46.20 N	096:17:27.00 W
Summer	C-GLYF	474	DEPARTURE	07/08/2021 18:11:06	1	77	185	313	064:39:00.00 N	096:18:02.39 W
Summer	C-GLYF	474	SCHED	07/08/2021 18:15:09	8	0	121	183	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	474	ARRIVAL	07/08/2021 18:15:18	1	0	121	183	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	474	SCHED	07/08/2021 18:15:28	9	0	122	183	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	474	POWER_ON	07/08/2021 18:54:30	NA	NA	NA	NA		
Summer	C-GLYF	474	SCHED	07/08/2021 18:57:23	1	71	162	124	064:38:37.80 N	096:17:48.00 W
Summer	C-GLYF	474	DEPARTURE	07/08/2021 18:57:33	1	91	178	122	064:39:30.00 N	096:18:46.19 W
Summer	C-GLYF	474	ARRIVAL	07/08/2021 18:58:48	1	0	74	110	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	474	XML_FLIGHT_SUMMARY	07/08/2021 19:00:47	0	0	0	0		
Summer	C-GLYF	475	DEPARTURE	07/08/2021 19:00:46	2	64	137	302	064:39:06.00 N	096:17:41.99 W
Summer	C-GLYF	475	ARRIVAL	07/08/2021 19:02:35	2	0	123	154	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:05:34	2	0	116	154	064:39:22.80 N	096:19:21.00 W
Summer	C-GLYF	475	DEPARTURE	07/08/2021 19:07:27	3	62	241	44	064:39:38.99 N	096:19:11.99 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:10:21	3	69	673	12	064:42:32.39 N	096:17:42.59 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:12:28	4	65	599	15	064:45:04.79 N	096:16:21.59 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:14:40	5	77	647	16	064:47:16.20 N	096:14:56.99 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:16:49	6	71	640	18	064:49:46.19 N	096:13:09.59 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:18:58	7	62	632	18	064:52:01.20 N	096:11:30.60 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:21:07	8	58	703	15	064:54:13.19 N	096:09:54.59 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:23:17	9	75	590	19	064:56:35.99 N	096:08:07.19 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:25:29	10	70	533	21	064:59:03.60 N	096:06:06.59 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:27:36	11	37	234	10	065:01:13.20 N	096:04:33.59 W
Summer	C-GLYF	475	SCHED	07/08/2021 19:29:47	12	0	153	105	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	475	ARRIVAL	07/08/2021 19:31:12	3	0	145	278	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	475	XML_FLIGHT_SUMMARY	07/08/2021 19:31:13	0	0	0	0		
Summer	C-GLYF	476	POWER_ON	07/08/2021 19:52:38	NA	NA	NA	NA		
Summer	C-GLYF	476	SCHED	07/08/2021 19:53:25	1	0	143	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	476	DEPARTURE	07/08/2021 19:55:07	1	73	203	303	065:01:37.19 N	096:04:49.79 W
Summer	C-GLYF	476	SCHED	07/08/2021 19:57:14	2	79	688	326	065:03:52.19 N	096:08:49.79 W
Summer	C-GLYF	476	SCHED	07/08/2021 19:59:24	3	102	761	324	065:06:36.60 N	096:13:23.99 W
Summer	C-GLYF	476	SCHED	07/08/2021 20:01:40	4	102	752	324	065:09:36.60 N	096:18:30.59 W
Summer	C-GLYF	476	SCHED	07/08/2021 20:03:58	5	104	760	325	065:12:45.59 N	096:24:04.19 W
Summer	C-GLYF	476	SCHED	07/08/2021 20:06:04	6	100	764	325	065:15:49.19 N	096:29:03.00 W
Summer	C-GLYF	476	SCHED	07/08/2021 20:08:16	7	106	669	326	065:18:54.60 N	096:34:04.20 W
Summer	C-GLYF	476	SCHED	07/08/2021 20:10:26	8	105	450	336	065:22:16.19 N	096:38:42.60 W
Summer	C-GLYF	476	SCHED	07/08/2021 20:12:36	9	0	154	1	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	476	ARRIVAL	07/08/2021 20:12:52	1	0	154	1	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	476	XML_FLIGHT_SUMMARY	07/08/2021 20:12:53	0	0	0	0		
Summer	C-GLYF	476	SCHED	07/08/2021 20:14:59	10	0	149	1	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	477	DEPARTURE	07/08/2021 20:17:02	2	77	216	189	065:23:34.19 N	096:40:34.19 W
Summer	C-GLYF	477	SCHED	07/08/2021 20:19:12	11	0	164	213	065:22:00.59 N	096:42:13.80 W
Summer	C-GLYF	477	ARRIVAL	07/08/2021 20:19:36	2	0	165	213	065:22:00.59 N	096:42:13.80 W
Summer	C-GLYF	477	SCHED	07/08/2021 20:21:43	12	0	165	213	065:22:00.59 N	096:42:13.80 W
Summer	C-GLYF	477	DEPARTURE	07/08/2021 20:22:48	3	80	193	30	065:22:13.80 N	096:42:27.60 W
Summer	C-GLYF	477	SCHED	07/08/2021 20:24:55	13	0	155	12	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	477	ARRIVAL	07/08/2021 20:25:13	3	0	155	12	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	477	POWER_ON	07/08/2021 22:14:51	NA	NA	NA	NA		
Summer	C-GLYF	477	SCHED	07/08/2021 22:15:30	1	0	158	353	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	477	DEPARTURE	07/08/2021 22:16:49	1	84	206	180	065:23:32.99 N	096:40:33.60 W
Summer	C-GLYF	477	SCHED	07/08/2021 22:18:57	2	0	164	156	065:22:16.80 N	096:40:59.39 W
Summer	C-GLYF	477	ARRIVAL	07/08/2021 22:19:02	1	0	164	156	065:22:16.80 N	096:40:59.39 W
Summer	C-GLYF	477	SCHED	07/08/2021 22:21:10	3	70	207	266	065:22:22.19 N	096:41:31.79 W
Summer	C-GLYF	477	DEPARTURE	07/08/2021 22:21:18	2	74	217	263	065:22:21.59 N	096:41:40.20 W
Summer	C-GLYF	477	SCHED	07/08/2021 22:23:26	4	1	162	333	065:22:52.20 N	096:43:33.59 W
Summer	C-GLYF	477	ARRIVAL	07/08/2021 22:24:12	2	0	160	333	065:22:52.20 N	096:43:33.59 W
Summer	C-GLYF	477	DEPARTURE	07/08/2021 22:25:46	3	75	222	116	065:23:00.59 N	096:43:03.60 W
Summer	C-GLYF	477	SCHED	07/08/2021 22:27:54	5	0	154	156	065:22:48.59 N	096:42:10.20 W
Summer	C-GLYF	477	ARRIVAL	07/08/2021 22:28:31	3	0	154	156	065:22:49.20 N	096:42:10.20 W
Summer	C-GLYF	477	POWER_ON	07/09/2021 00:19:04	NA	NA	NA	NA		
Summer	C-GLYF	477	SCHED	07/09/2021 00:19:31	1	0	157	112	065:22:49.20 N	096:42:10.20 W
Summer	C-GLYF	477	DEPARTURE	07/09/2021 00:22:09	1	69	197	249	065:22:40.19 N	096:42:52.19 W
Summer	C-GLYF	477	ARRIVAL	07/09/2021 00:24:15	1	0	145	353	065:22:44.40 N	096:43:21.60 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:24:22	2	0	145	353	065:22:44.40 N	096:43:21.60 W
Summer	C-GLYF	477	DEPARTURE	07/09/2021 00:25:39	2	62	220	45	065:22:59.40 N	096:43:05.40 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:27:46	3	0	154	5	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	477	ARRIVAL	07/09/2021 00:28:10	2	0	154	5	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	477	DEPARTURE	07/09/2021 00:30:03	3	82	232	159	065:23:32.99 N	096:40:20.39 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:32:19	4	110	770	145	065:20:48.60 N	096:35:00.00 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:34:31	5	119	770	146	065:17:14.99 N	096:28:58.80 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:36:45	6	115	752	146	065:13:42.00 N	096:23:14.39 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:38:56	7	120	751	145	065:10:07.80 N	096:17:20.40 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:41:07	8	117	749	146	065:06:37.80 N	096:11:39.59 W
Summer	C-GLYF	477	SCHED	07/09/2021 00:44:15	9	102	303	170	065:01:53.39 N	096:04:52.80 W
Summer	C-GLYF	477	XML_OVERDUE_REPORT	07/09/2021 00:51:35	0	0	0	0		
Summer	C-GLYF	477	XML_FLIGHT_SUMMARY	07/09/2021 11:20:57	0	0	0	0		
Summer	C-GLYF	478	POWER_ON	07/09/2021 11:20:56	NA	NA	NA	NA		
Summer	C-GLYF	478	SCHED	07/09/2021 11:21:34	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:23:53	2	0	246	71	065:01:28.20 N	096:04:18.59 W
Summer	C-GLYF	478	DEPARTURE	07/09/2021 11:24:19	1	66	254	127	065:01:22.20 N	096:03:41.99 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:26:25	3	102	603	196	064:58:49.20 N	096:05:16.79 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:28:36	4	108	545	197	064:55:10.80 N	096:07:40.80 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:30:42	5	106	527	195	064:51:28.80 N	096:10:10.20 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:32:49	6	107	485	191	064:47:46.80 N	096:12:05.40 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:34:57	7	112	466	194	064:44:06.60 N	096:14:00.00 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:37:21	8	98	301	193	064:40:22.19 N	096:16:14.39 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:39:28	9	0	72	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	ARRIVAL	07/09/2021 11:39:47	1	0	73	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	XML_FLIGHT_SUMMARY	07/09/2021 11:39:48	0	0	0	0		
Summer	C-GLYF	478	SCHED	07/09/2021 11:41:54	10	0	73	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:44:01	11	0	73	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:46:07	12	0	73	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:48:14	13	0	73	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:50:27	14	0	73	20	064:38:54.59 N	096:17:08.99 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	478	SCHED	07/09/2021 11:52:33	15	0	69	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	478	SCHED	07/09/2021 11:54:39	16	0	70	20	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	479	DEPARTURE	07/09/2021 11:56:12	2	64	168	26	064:39:11.39 N	096:17:05.99 W
Summer	C-GLYF	479	SCHED	07/09/2021 11:58:24	17	122	498	14	064:42:37.79 N	096:15:03.00 W
Summer	C-GLYF	479	SCHED	07/09/2021 12:00:40	18	128	423	16	064:47:02.99 N	096:12:34.20 W
Summer	C-GLYF	479	SCHED	07/09/2021 12:02:54	19	126	414	12	064:51:51.60 N	096:09:35.40 W
Summer	C-GLYF	479	SCHED	07/09/2021 12:05:07	20	126	468	12	064:56:12.60 N	096:07:25.80 W
Summer	C-GLYF	479	SCHED	07/09/2021 12:07:16	21	102	299	12	065:00:37.19 N	096:05:18.00 W
Summer	C-GLYF	479	XML_OVERDUE_REPOR T	07/09/2021 12:14:33	0	0	0	0		
Summer	C-GLYF	479	XML_FLIGHT_SUMMAR Y	07/09/2021 12:51:51	0	0	0	0		
Summer	C-GLYF	480	POWER_ON	07/09/2021 12:51:50	NA	NA	NA	NA		
Summer	C-GLYF	480	SCHED	07/09/2021 12:52:29	1	0	143	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	480	SCHED	07/09/2021 12:54:50	2	9	148	47	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	480	POWER_ON	07/09/2021 13:02:07	NA	NA	NA	NA		
Summer	C-GLYF	480	SCHED	07/09/2021 13:02:50	1	0	143	248	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	480	SCHED	07/09/2021 13:05:19	2	0	142	86	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	480	POWER_ON	07/10/2021 00:00:09	NA	NA	NA	NA		
Summer	C-GLYF	480	POWER_ON	07/10/2021 14:55:31	NA	NA	NA	NA		
Summer	C-GLYF	480	SCHED	07/10/2021 14:56:12	1	0	0	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	480	SCHED	07/10/2021 14:58:21	2	7	171	223	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	480	DEPARTURE	07/10/2021 14:58:44	1	76	193	195	065:01:13.80 N	096:04:52.80 W
Summer	C-GLYF	480	SCHED	07/10/2021 15:00:51	3	103	710	194	064:58:09.60 N	096:06:27.59 W
Summer	C-GLYF	480	SCHED	07/10/2021 15:03:06	4	107	775	194	064:54:27.60 N	096:08:30.60 W
Summer	C-GLYF	480	SCHED	07/10/2021 15:05:23	5	108	813	195	064:50:30.59 N	096:11:00.00 W
Summer	C-GLYF	480	SCHED	07/10/2021 15:07:30	6	112	777	195	064:46:30.00 N	096:13:07.80 W
Summer	C-GLYF	480	SCHED	07/10/2021 15:09:44	7	116	716	199	064:42:44.39 N	096:15:51.60 W
Summer	C-GLYF	480	SCHED	07/10/2021 15:11:51	8	74	197	322	064:39:19.19 N	096:19:32.39 W
Summer	C-GLYF	480	ARRIVAL	07/10/2021 15:13:16	1	0	130	178	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	480	XML_FLIGHT_SUMMAR Y	07/10/2021 15:13:17	0	0	0	0		
Summer	C-GLYF	481	POWER_ON	07/10/2021 15:33:29	NA	NA	NA	NA		
Summer	C-GLYF	481	SCHED	07/10/2021 15:34:05	1	0	129	151	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	481	DEPARTURE	07/10/2021 15:35:05	1	88	217	90	064:39:12.00 N	096:19:01.19 W
Summer	C-GLYF	481	ARRIVAL	07/10/2021 15:36:55	1	0	79	140	064:38:54.59 N	096:17:08.99 W
Summer	C-GLYF	481	POWER_ON	07/10/2021 15:59:46	NA	NA	NA	NA		
Summer	C-GLYF	481	SCHED	07/10/2021 16:00:24	1	0	78	139	064:38:54.59 N	096:17:08.40 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:02:32	2	0	113	69	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:04:40	3	4	92	342	064:38:55.20 N	096:17:08.99 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:06:52	4	6	87	242	064:38:46.20 N	096:17:28.20 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:09:07	5	3	83	184	064:38:53.99 N	096:17:09.59 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:12:04	6	24	127	141	064:38:57.00 N	096:17:07.80 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:14:11	7	0	112	243	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:16:23	8	0	125	239	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:18:35	9	68	144	85	064:38:48.59 N	096:17:05.99 W
Summer	C-GLYF	481	DEPARTURE	07/10/2021 16:18:51	1	37	162	343	064:38:53.40 N	096:16:52.80 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:20:59	10	35	135	325	064:38:53.99 N	096:16:57.60 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:23:06	11	9	128	221	064:38:46.20 N	096:17:24.59 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:25:18	12	28	124	223	064:38:52.20 N	096:17:11.99 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:27:28	13	1	117	237	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:29:38	14	25	119	65	064:38:46.20 N	096:17:24.59 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:31:45	15	13	129	234	064:38:55.20 N	096:17:04.79 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:33:59	16	14	114	242	064:38:54.59 N	096:17:04.79 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:36:08	17	0	108	242	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:38:18	18	18	131	241	064:38:55.20 N	096:17:04.19 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:40:25	19	1	110	265	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:42:37	20	1	107	214	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:44:45	21	2	115	268	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:46:55	22	14	117	221	064:38:53.40 N	096:17:08.99 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:49:03	23	34	134	224	064:38:49.20 N	096:17:17.39 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:51:10	24	61	153	11	064:38:54.59 N	096:16:46.19 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:53:23	25	0	112	279	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:55:33	26	14	113	221	064:38:53.40 N	096:17:09.59 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:57:41	27	1	102	230	064:38:54.59 N	096:17:11.99 W
Summer	C-GLYF	481	SCHED	07/10/2021 16:59:52	28	0	112	213	064:38:44.40 N	096:17:24.00 W
Summer	C-GLYF	481	SCHED	07/10/2021 17:02:01	29	0	115	304	064:38:44.40 N	096:17:24.00 W
Summer	C-GLYF	481	SCHED	07/10/2021 17:04:16	30	72	136	54	064:38:49.79 N	096:17:04.79 W
Summer	C-GLYF	481	SCHED	07/10/2021 17:06:24	31	71	142	55	064:38:52.20 N	096:17:03.60 W
Summer	C-GLYF	481	SCHED	07/10/2021 17:08:32	32	5	136	220	064:38:46.20 N	096:17:25.20 W
Summer	C-GLYF	481	SCHED	07/10/2021 17:10:39	33	0	126	263	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	481	SCHED	07/10/2021 17:13:00	34	70	273	302	064:39:30.00 N	096:18:51.60 W
Summer	C-GLYF	481	ARRIVAL	07/10/2021 17:14:49	1	0	125	329	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	481	XML_FLIGHT_SUMMAR Y	07/10/2021 17:14:50	0	0	0	0		
Summer	C-GLYF	482	POWER_ON	07/10/2021 17:37:25	NA	NA	NA	NA		
Summer	C-GLYF	482	SCHED	07/10/2021 17:39:04	1	0	125	355	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	482	DEPARTURE	07/10/2021 17:40:04	1	91	214	86	064:39:16.80 N	096:18:48.00 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:42:21	2	16	134	221	064:38:47.39 N	096:17:24.00 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:44:32	3	7	125	228	064:38:54.59 N	096:17:06.60 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:46:41	4	0	116	227	064:38:45.60 N	096:17:27.00 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:48:50	5	0	132	225	064:38:45.60 N	096:17:25.79 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:51:01	6	6	117	231	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:53:13	7	68	140	93	064:38:50.99 N	096:17:11.40 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:55:22	8	0	124	253	064:38:45.60 N	096:17:27.00 W
Summer	C-GLYF	482	SCHED	07/10/2021 17:58:23	9	0	125	225	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	482	SCHED	07/10/2021 18:00:31	10	0	113	78	064:38:53.99 N	096:17:07.19 W
Summer	C-GLYF	482	SCHED	07/10/2021 18:02:47	11	23	138	244	064:38:56.40 N	096:17:01.19 W
Summer	C-GLYF	482	SCHED	07/10/2021 18:05:50	12	14	138	202	064:38:45.60 N	096:17:22.19 W
Summer	C-GLYF	482	SCHED	07/10/2021 18:07:59	13	63	251	293	064:39:32.99 N	096:18:54.59 W
Summer	C-GLYF	482	SCHED	07/10/2021 18:10:20	14	96	259	98	064:39:17.39 N	096:17:43.20 W
Summer	C-GLYF	482	ARRIVAL	07/10/2021 18:11:53	1	0	75	154	064:38:54.59 N	096:17:08.40 W
Summer	C-GLYF	482	XML_FLIGHT_SUMMAR Y	07/10/2021 18:11:54	0	0	0	0		
Summer	C-GLYF	483	DEPARTURE	07/10/2021 18:12:25	2	84	123	331	064:38:56.40 N	096:17:46.19 W
Summer	C-GLYF	483	ARRIVAL	07/10/2021 18:14:44	2	0	123	161	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:14:56	15	0	123	161	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	483	DEPARTURE	07/10/2021 18:17:13	3	66	224	99	064:39:11.39 N	096:19:04.20 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:19:23	16	0	124	232	064:38:44.99 N	096:17:23.40 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:21:32	17	39	210	266	064:39:22.80 N	096:19:01.79 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:23:44	18	88	252	90	064:39:16.19 N	096:17:53.39 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:25:54	19	75	216	316	064:39:10.80 N	096:18:13.79 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:28:02	20	89	246	87	064:39:09.59 N	096:18:24.59 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:30:54	21	61	223	300	064:39:18.00 N	096:18:49.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	483	SCHED	07/10/2021 18:33:04	22	5	158	218	064:39:22.19 N	096:19:22.19 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:35:15	23	62	135	339	064:38:49.79 N	096:17:29.39 W
Summer	C-GLYF	483	SCHED	07/10/2021 18:37:25	24	0	134	322	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	483	ARRIVAL	07/10/2021 18:38:06	3	0	133	322	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	483	XML_FLIGHT_SUMMARY	07/10/2021 18:38:07	0	0	0	0		
Summer	C-GLYF	484	POWER_ON	07/10/2021 18:56:44	NA	NA	NA	NA		
Summer	C-GLYF	484	SCHED	07/10/2021 18:57:23	1	0	125	0	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	484	SCHED	07/10/2021 18:59:35	2	14	187	163	064:39:24.00 N	096:19:18.59 W
Summer	C-GLYF	484	DEPARTURE	07/10/2021 19:00:55	1	76	216	359	064:39:31.19 N	096:19:51.60 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:03:02	3	88	563	15	064:42:19.79 N	096:17:36.59 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:05:18	4	87	614	16	064:45:20.40 N	096:15:49.19 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:07:28	5	92	575	17	064:48:39.00 N	096:13:46.79 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:09:36	6	88	641	17	064:51:34.19 N	096:11:35.40 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:11:46	7	85	637	22	064:54:36.60 N	096:09:11.39 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:13:58	8	87	619	15	064:57:43.79 N	096:06:52.80 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:16:05	9	87	412	357	065:01:00.60 N	096:05:15.00 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:18:12	10	39	206	5	065:01:24.59 N	096:04:29.39 W
Summer	C-GLYF	484	SCHED	07/10/2021 19:20:35	11	0	141	244	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	484	ARRIVAL	07/10/2021 19:20:59	1	0	140	244	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	484	XML_FLIGHT_SUMMARY	07/10/2021 19:21:00	0	0	0	0		
Summer	C-GLYF	485	POWER_ON	07/10/2021 19:45:59	NA	NA	NA	NA		
Summer	C-GLYF	485	SCHED	07/10/2021 19:46:40	1	0	142	92	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	485	SCHED	07/10/2021 19:48:48	2	0	141	204	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	485	POWER_ON	07/11/2021 15:09:07	NA	NA	NA	NA		
Summer	C-GLYF	485	SCHED	07/11/2021 15:09:45	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:11:52	2	43	144	259	065:01:25.79 N	096:04:22.79 W
Summer	C-GLYF	485	DEPARTURE	07/11/2021 15:12:09	1	84	159	200	065:01:14.40 N	096:04:52.80 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:14:24	3	125	756	191	064:57:45.59 N	096:06:55.80 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:16:47	4	123	770	192	064:53:04.79 N	096:09:17.39 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:19:02	5	120	757	194	064:48:24.00 N	096:11:56.99 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:21:25	6	124	747	196	064:43:32.99 N	096:14:46.20 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:23:34	7	122	371	202	064:39:25.80 N	096:17:52.80 W
Summer	C-GLYF	485	ARRIVAL	07/11/2021 15:25:36	1	0	128	159	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	485	XML_FLIGHT_SUMMARY	07/11/2021 15:25:37	0	0	0	0		
Summer	C-GLYF	485	SCHED	07/11/2021 15:25:51	8	0	128	159	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:27:58	9	0	129	159	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	485	SCHED	07/11/2021 15:30:11	10	1	163	21	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	486	DEPARTURE	07/11/2021 15:30:44	2	60	224	65	064:39:37.80 N	096:19:15.00 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:32:57	11	1	125	320	064:38:44.99 N	096:17:24.00 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:35:06	12	13	179	344	064:39:22.19 N	096:19:21.59 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:37:14	13	92	265	160	064:39:07.80 N	096:18:02.39 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:39:21	14	30	141	331	064:38:48.59 N	096:17:28.20 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:41:34	15	14	170	348	064:39:23.39 N	096:19:22.19 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:43:45	16	0	128	340	064:38:45.60 N	096:17:27.60 W
Summer	C-GLYF	486	SCHED	07/11/2021 15:45:53	17	6	150	17	064:39:24.00 N	096:19:23.40 W
Summer	C-GLYF	486	ARRIVAL	07/11/2021 15:47:07	2	0	136	179	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	486	XML_FLIGHT_SUMMARY	07/11/2021 15:47:08	0	0	0	0		
Summer	C-GLYF	487	DEPARTURE	07/11/2021 15:48:02	3	81	171	117	064:39:30.60 N	096:18:48.60 W
Summer	C-GLYF	487	SCHED	07/11/2021 15:50:12	18	0	77	176	064:38:54.59 N	096:17:08.40 W
Summer	C-GLYF	487	ARRIVAL	07/11/2021 15:50:30	3	0	77	176	064:38:54.59 N	096:17:08.40 W
Summer	C-GLYF	487	SCHED	07/11/2021 15:52:36	19	23	85	46	064:38:52.79 N	096:17:13.20 W
Summer	C-GLYF	487	SCHED	07/11/2021 15:54:46	20	0	74	121	064:38:54.59 N	096:17:08.40 W
Summer	C-GLYF	487	POWER_ON	07/11/2021 16:12:05	NA	NA	NA	NA		
Summer	C-GLYF	487	SCHED	07/11/2021 16:12:42	1	0	77	0	064:38:54.59 N	096:17:08.40 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:14:50	2	0	84	18	064:38:44.99 N	096:17:26.39 W
Summer	C-GLYF	487	POWER_ON	07/11/2021 16:34:57	NA	NA	NA	NA		
Summer	C-GLYF	487	SCHED	07/11/2021 16:35:23	1	0	89	220	064:38:44.99 N	096:17:26.39 W
Summer	C-GLYF	487	DEPARTURE	07/11/2021 16:37:08	1	73	136	306	064:38:53.40 N	096:17:54.59 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:39:18	2	0	120	155	064:39:23.39 N	096:19:22.79 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:41:27	3	102	221	147	064:38:53.99 N	096:18:19.79 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:43:38	4	1	116	12	064:38:45.60 N	096:17:27.00 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:45:47	5	69	275	7	064:39:40.79 N	096:17:41.99 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:48:07	6	68	590	12	064:42:09.00 N	096:16:58.80 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:50:15	7	79	642	15	064:44:50.39 N	096:15:23.99 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:52:22	8	77	629	15	064:47:27.00 N	096:13:48.00 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:54:30	9	71	612	16	064:49:56.40 N	096:12:09.60 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:57:35	10	76	619	15	064:53:06.00 N	096:10:08.39 W
Summer	C-GLYF	487	SCHED	07/11/2021 16:59:47	11	79	572	18	064:56:13.19 N	096:08:03.59 W
Summer	C-GLYF	487	SCHED	07/11/2021 17:02:00	12	78	531	18	064:58:58.19 N	096:06:07.19 W
Summer	C-GLYF	487	SCHED	07/11/2021 17:04:18	13	31	211	2	065:01:14.40 N	096:04:33.59 W
Summer	C-GLYF	487	SCHED	07/11/2021 17:06:39	14	3	169	289	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	487	ARRIVAL	07/11/2021 17:08:32	1	0	140	288	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	487	XML_FLIGHT_SUMMARY	07/11/2021 17:08:33	0	0	0	0		
Summer	C-GLYF	488	POWER_ON	07/11/2021 17:36:59	NA	NA	NA	NA		
Summer	C-GLYF	488	SCHED	07/11/2021 17:37:37	1	0	139	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	488	DEPARTURE	07/11/2021 17:39:47	1	70	190	311	065:01:37.19 N	096:04:48.60 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:41:53	2	106	532	327	065:04:25.80 N	096:09:19.79 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:44:00	3	113	721	325	065:07:31.80 N	096:14:34.20 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:46:08	4	118	749	323	065:10:49.20 N	096:20:22.19 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:48:16	5	114	751	327	065:14:11.99 N	096:26:03.00 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:50:26	6	114	777	327	065:17:39.59 N	096:31:25.20 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:52:39	7	117	576	328	065:21:17.39 N	096:36:56.99 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:54:55	8	2	153	11	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	488	SCHED	07/11/2021 17:57:02	9	0	146	360	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	488	ARRIVAL	07/11/2021 17:58:11	1	0	145	5	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	488	XML_FLIGHT_SUMMARY	07/11/2021 17:58:12	0	0	0	0		
Summer	C-GLYF	488	SCHED	07/11/2021 18:00:20	10	0	142	5	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	489	DEPARTURE	07/11/2021 18:02:20	2	82	204	165	065:23:32.99 N	096:40:20.39 W
Summer	C-GLYF	489	SCHED	07/11/2021 18:04:35	11	121	759	142	065:19:12.60 N	096:33:38.99 W
Summer	C-GLYF	489	SCHED	07/11/2021 18:06:51	12	122	750	145	065:15:25.20 N	096:26:46.20 W
Summer	C-GLYF	489	SCHED	07/11/2021 18:10:40	13	129	749	145	065:08:53.40 N	096:16:00.00 W
Summer	C-GLYF	489	SCHED	07/11/2021 18:12:58	14	134	695	141	065:05:08.40 N	096:08:52.19 W
Summer	C-GLYF	489	SCHED	07/11/2021 18:15:11	15	33	177	261	065:01:25.20 N	096:04:01.19 W
Summer	C-GLYF	489	ARRIVAL	07/11/2021 18:16:29	2	0	140	214	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	489	XML_FLIGHT_SUMMARY	07/11/2021 18:16:30	0	0	0	0		
Summer	C-GLYF	490	POWER_ON	07/11/2021 18:30:15	NA	NA	NA	NA		
Summer	C-GLYF	490	SCHED	07/11/2021 18:30:53	1	1	146	234	065:01:24.59 N	096:04:14.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	490	POWER_ON	07/13/2021 10:59:54	NA	NA	NA	NA		
Summer	C-GLYF	490	SCHED	07/13/2021 11:00:45	1	0	0	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	490	SCHED	07/13/2021 11:02:52	2	0	163	170	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	490	DEPARTURE	07/13/2021 11:03:36	1	83	195	204	065:01:23.40 N	096:04:53.40 W
Summer	C-GLYF	490	SCHED	07/13/2021 11:05:43	3	124	711	197	064:57:49.79 N	096:06:55.80 W
Summer	C-GLYF	490	SCHED	07/13/2021 11:07:50	4	132	708	192	064:53:28.19 N	096:09:53.40 W
Summer	C-GLYF	490	SCHED	07/13/2021 11:09:59	5	126	717	190	064:49:01.79 N	096:11:52.79 W
Summer	C-GLYF	490	SCHED	07/13/2021 11:12:10	6	130	725	191	064:44:31.79 N	096:13:30.00 W
Summer	C-GLYF	490	SCHED	07/13/2021 11:15:02	7	111	366	213	064:38:52.20 N	096:15:16.19 W
Summer	C-GLYF	490	ARRIVAL	07/13/2021 11:16:56	1	0	75	97	064:38:44.99 N	096:17:27.00 W
Summer	C-GLYF	490	XML_FLIGHT_SUMMARY	07/13/2021 11:16:57	0	0	0	0		
Summer	C-GLYF	490	SCHED	07/13/2021 11:19:04	8	23	79	24	064:38:45.60 N	096:17:25.79 W
Summer	C-GLYF	491	DEPARTURE	07/13/2021 11:20:15	2	75	126	30	064:39:03.00 N	096:17:05.99 W
Summer	C-GLYF	491	SCHED	07/13/2021 11:22:31	9	96	691	10	064:43:09.00 N	096:13:58.20 W
Summer	C-GLYF	491	SCHED	07/13/2021 11:24:41	10	103	703	14	064:46:49.19 N	096:12:11.39 W
Summer	C-GLYF	491	SCHED	07/13/2021 11:27:34	11	102	579	11	064:51:19.80 N	096:10:01.79 W
Summer	C-GLYF	491	SCHED	07/13/2021 11:29:42	12	101	595	14	064:55:07.19 N	096:07:55.20 W
Summer	C-GLYF	491	SCHED	07/13/2021 11:31:53	13	104	575	12	064:58:36.00 N	096:06:02.39 W
Summer	C-GLYF	491	SCHED	07/13/2021 11:34:08	14	13	142	33	065:01:26.40 N	096:04:19.79 W
Summer	C-GLYF	491	ARRIVAL	07/13/2021 11:35:02	2	0	135	12	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	491	XML_FLIGHT_SUMMARY	07/13/2021 11:35:03	0	0	0	0		
Summer	C-GLYF	492	POWER_ON	07/13/2021 14:05:06	NA	NA	NA	NA		
Summer	C-GLYF	492	POWER_ON	07/13/2021 14:06:00	NA	NA	NA	NA		
Summer	C-GLYF	492	SCHED	07/13/2021 14:06:40	1	0	120	33	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	492	DEPARTURE	07/13/2021 14:08:35	1	76	165	215	065:01:23.40 N	096:05:03.60 W
Summer	C-GLYF	492	SCHED	07/13/2021 14:10:43	2	115	499	199	064:57:54.59 N	096:07:41.40 W
Summer	C-GLYF	492	SCHED	07/13/2021 14:12:52	3	121	570	195	064:53:45.60 N	096:10:09.00 W
Summer	C-GLYF	492	SCHED	07/13/2021 14:15:02	4	118	578	195	064:49:35.39 N	096:12:46.20 W
Summer	C-GLYF	492	SCHED	07/13/2021 14:17:12	5	120	573	192	064:45:26.40 N	096:15:10.80 W
Summer	C-GLYF	492	SCHED	07/13/2021 14:19:21	6	122	557	195	064:41:10.80 N	096:17:43.80 W
Summer	C-GLYF	492	SCHED	07/13/2021 14:21:29	7	0	126	201	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	492	ARRIVAL	07/13/2021 14:22:01	1	0	127	201	064:39:22.80 N	096:19:23.40 W
Summer	C-GLYF	492	XML_FLIGHT_SUMMARY	07/13/2021 14:22:02	0	0	0	0		
Summer	C-GLYF	493	DEPARTURE	07/13/2021 14:22:54	2	90	204	141	064:39:08.39 N	096:19:33.59 W
Summer	C-GLYF	493	ARRIVAL	07/13/2021 14:25:03	2	0	82	24	064:38:44.99 N	096:17:26.39 W
Summer	C-GLYF	493	SCHED	07/13/2021 14:25:11	8	0	82	24	064:38:44.99 N	096:17:26.39 W
Summer	C-GLYF	493	POWER_ON	07/13/2021 14:55:52	NA	NA	NA	NA		
Summer	C-GLYF	493	SCHED	07/13/2021 14:56:30	1	0	89	17	064:38:44.99 N	096:17:27.00 W
Summer	C-GLYF	493	SCHED	07/13/2021 14:58:55	2	0	123	134	064:38:46.20 N	096:17:26.39 W
Summer	C-GLYF	493	DEPARTURE	07/13/2021 15:00:59	1	34	250	306	064:39:04.20 N	096:18:27.00 W
Summer	C-GLYF	493	SCHED	07/13/2021 15:03:06	3	2	171	320	064:39:25.19 N	096:19:27.60 W
Summer	C-GLYF	493	SCHED	07/13/2021 15:05:15	4	0	96	359	064:38:44.99 N	096:17:27.00 W
Summer	C-GLYF	493	SCHED	07/13/2021 15:07:22	5	49	182	302	064:39:22.19 N	096:19:13.20 W
Summer	C-GLYF	493	ARRIVAL	07/13/2021 15:08:39	1	0	132	190	064:39:25.80 N	096:19:26.99 W
Summer	C-GLYF	493	XML_FLIGHT_SUMMARY	07/13/2021 15:08:40	0	0	0	0		
Summer	C-GLYF	493	SCHED	07/13/2021 15:10:48	6	86	204	97	064:39:33.60 N	096:19:02.39 W
Summer	C-GLYF	494	DEPARTURE	07/13/2021 15:10:52	2	96	208	116	064:39:31.80 N	096:18:49.19 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:13:00	7	1	117	233	064:38:54.59 N	096:17:07.80 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:15:10	8	34	225	294	064:39:20.39 N	096:19:07.20 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:17:17	9	1	122	7	064:38:54.59 N	096:17:07.80 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:19:25	10	8	185	281	064:39:24.00 N	096:19:21.00 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:21:34	11	1	124	25	064:38:53.99 N	096:17:07.80 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:23:42	12	40	229	295	064:39:19.80 N	096:19:02.99 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:25:48	13	8	126	351	064:38:53.40 N	096:17:07.80 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:28:03	14	3	172	344	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:30:11	15	33	130	313	064:38:55.79 N	096:17:11.99 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:32:21	16	31	191	102	064:39:23.39 N	096:19:17.39 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:34:30	17	0	121	219	064:38:44.40 N	096:17:23.40 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:36:37	18	34	211	304	064:39:17.39 N	096:18:58.79 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:38:49	19	41	154	333	064:38:38.40 N	096:17:13.79 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:41:00	20	54	236	300	064:39:13.19 N	096:18:45.00 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:43:07	21	26	146	319	064:38:41.99 N	096:17:20.40 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:45:14	22	37	219	303	064:39:12.00 N	096:18:41.39 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:47:28	23	102	228	145	064:39:00.00 N	096:18:27.00 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:49:36	24	55	229	312	064:38:59.39 N	096:18:15.60 W
Summer	C-GLYF	494	SCHED	07/13/2021 15:51:45	25	8	164	341	064:39:24.00 N	096:19:23.40 W
Summer	C-GLYF	494	ARRIVAL	07/13/2021 15:53:48	2	0	123	159	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	494	XML_FLIGHT_SUMMARY	07/13/2021 15:53:49	0	0	0	0		
Summer	C-GLYF	494	SCHED	07/13/2021 15:53:55	26	0	123	159	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	495	POWER_ON	07/13/2021 16:07:35	NA	NA	NA	NA		
Summer	C-GLYF	495	SCHED	07/13/2021 16:08:46	1	0	125	26	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	495	DEPARTURE	07/13/2021 16:10:03	1	103	220	112	064:39:09.59 N	096:19:07.80 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:12:10	2	43	155	312	064:38:52.20 N	096:17:38.39 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:14:17	3	109	211	148	064:38:57.60 N	096:18:11.99 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:16:27	4	0	125	334	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:18:41	5	2	174	310	064:39:24.00 N	096:19:21.59 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:20:47	6	108	205	141	064:39:10.20 N	096:18:30.00 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:23:00	7	55	212	304	064:39:09.00 N	096:18:31.20 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:25:10	8	44	139	356	064:38:37.80 N	096:17:19.79 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:27:18	9	58	224	310	064:39:14.39 N	096:18:49.19 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:29:30	10	20	127	346	064:38:43.80 N	096:17:24.59 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:31:40	11	5	173	297	064:39:24.60 N	096:19:21.59 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:33:47	12	0	124	351	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:35:58	13	10	193	290	064:39:24.00 N	096:19:19.19 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:38:07	14	17	112	341	064:38:44.40 N	096:17:25.20 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:40:17	15	14	174	301	064:39:24.00 N	096:19:19.79 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:42:25	16	95	233	148	064:38:55.79 N	096:18:10.20 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:44:41	17	55	203	304	064:39:16.19 N	096:18:52.80 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:46:48	18	1	109	324	064:38:46.20 N	096:17:27.00 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:48:59	19	79	195	115	064:39:19.80 N	096:19:07.80 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:51:07	20	45	187	315	064:38:54.59 N	096:17:48.60 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:53:17	21	93	222	137	064:39:10.20 N	096:18:31.20 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:55:34	22	39	204	318	064:38:55.20 N	096:17:44.39 W
Summer	C-GLYF	495	SCHED	07/13/2021 16:58:51	23	28	178	100	064:39:23.39 N	096:19:19.19 W
Summer	C-GLYF	495	SCHED	07/13/2021 17:01:00	24	0	115	359	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	495	SCHED	07/13/2021 17:03:20	25	2	169	340	064:39:24.00 N	096:19:21.59 W
Summer	C-GLYF	495	SCHED	07/13/2021 17:05:29	26	49	186	317	064:38:53.40 N	096:17:46.19 W
Summer	C-GLYF	495	SCHED	07/13/2021 17:07:37	27	99	213	145	064:38:54.59 N	096:18:02.39 W
Summer	C-GLYF	495	SCHED	07/13/2021 17:09:45	28	33	199	308	064:39:20.39 N	096:19:11.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	495	SCHED	07/13/2021 17:12:02	29	32	131	2	064:38:38.99 N	096:17:20.40 W
Summer	C-GLYF	495	SCHED	07/13/2021 17:14:09	30	5	171	298	064:39:22.80 N	096:19:20.40 W
Summer	C-GLYF	495	XML_OVERDUE_REPOR T	07/13/2021 17:21:25	0	0	0	0		
Summer	C-GLYF	495	XML_FLIGHT_SUMMAR Y	07/13/2021 17:32:26	0	0	0	0		
Summer	C-GLYF	496	POWER_ON	07/13/2021 17:32:25	NA	NA	NA	NA		
Summer	C-GLYF	496	SCHED	07/13/2021 17:34:09	1	0	124	120	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	496	DEPARTURE	07/13/2021 17:35:33	1	98	240	113	064:39:07.19 N	096:18:59.40 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:37:41	2	63	206	311	064:39:07.80 N	096:18:34.79 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:40:05	3	21	129	333	064:38:42.60 N	096:17:21.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:42:14	4	15	163	88	064:39:23.39 N	096:19:21.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:44:22	5	57	196	313	064:38:51.60 N	096:17:54.59 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:46:29	6	88	168	135	064:38:38.99 N	096:17:45.60 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:49:27	7	44	181	113	064:39:22.19 N	096:19:15.60 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:51:36	8	44	213	305	064:39:18.60 N	096:19:07.20 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:53:43	9	11	120	303	064:38:46.20 N	096:17:27.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:56:04	10	90	199	144	064:38:42.60 N	096:17:48.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 17:58:12	11	9	162	107	064:39:22.80 N	096:19:21.59 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:00:23	12	63	203	307	064:39:00.00 N	096:18:06.59 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:02:34	13	41	154	22	064:38:37.80 N	096:17:22.19 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:04:41	14	50	222	308	064:39:18.00 N	096:19:01.19 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:06:50	15	0	125	353	064:38:45.60 N	096:17:27.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:09:02	16	1	159	324	064:39:22.80 N	096:19:22.19 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:11:09	17	12	124	286	064:38:45.60 N	096:17:27.60 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:13:19	18	96	222	140	064:39:11.39 N	096:18:36.59 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:15:24	19	58	224	306	064:39:16.19 N	096:18:59.40 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:17:32	20	2	123	327	064:38:45.60 N	096:17:26.39 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:19:39	21	1	161	338	064:39:24.60 N	096:19:22.79 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:21:50	22	19	128	302	064:38:46.79 N	096:17:29.39 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:23:58	23	2	161	309	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:26:12	24	0	121	345	064:38:45.60 N	096:17:27.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:28:20	25	39	181	96	064:39:24.00 N	096:19:16.79 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:30:36	26	9	130	305	064:38:46.20 N	096:17:27.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:32:45	27	1	165	72	064:39:24.60 N	096:19:21.59 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:34:56	28	6	128	284	064:38:45.60 N	096:17:27.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:37:01	29	1	165	341	064:39:24.60 N	096:19:22.19 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:39:16	30	1	124	337	064:38:46.20 N	096:17:26.39 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:41:21	31	0	165	295	064:39:24.00 N	096:19:22.19 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:43:29	32	55	171	311	064:38:52.20 N	096:17:41.99 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:45:42	33	4	157	85	064:39:24.60 N	096:19:24.00 W
Summer	C-GLYF	496	SCHED	07/13/2021 18:47:52	34	0	88	360	064:38:44.99 N	096:17:27.00 W
Summer	C-GLYF	496	ARRIVAL	07/13/2021 18:48:01	1	0	88	360	064:38:44.99 N	096:17:27.00 W
Summer	C-GLYF	496	XML_FLIGHT_SUMMAR Y	07/13/2021 18:48:02	0	0	0	0		
Summer	C-GLYF	497	DEPARTURE	07/13/2021 18:49:12	2	73	145	316	064:38:58.79 N	096:17:56.99 W
Summer	C-GLYF	497	ARRIVAL	07/13/2021 18:50:56	2	0	128	228	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	497	POWER_ON	07/13/2021 19:35:34	NA	NA	NA	NA		
Summer	C-GLYF	497	SCHED	07/13/2021 19:36:17	1	0	130	168	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	497	SCHED	07/13/2021 19:38:27	2	0	128	156	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	497	DEPARTURE	07/13/2021 19:39:03	1	92	160	38	064:39:40.20 N	096:19:34.79 W
Summer	C-GLYF	497	SCHED	07/13/2021 19:42:22	3	116	780	14	064:44:43.20 N	096:16:18.60 W
Summer	C-GLYF	497	SCHED	07/13/2021 19:44:29	4	118	706	15	064:49:05.99 N	096:13:43.79 W
Summer	C-GLYF	497	SCHED	07/13/2021 19:46:39	5	119	725	17	064:53:00.00 N	096:11:15.00 W
Summer	C-GLYF	497	SCHED	07/13/2021 19:48:49	6	118	754	17	064:57:07.80 N	096:08:33.00 W
Summer	C-GLYF	497	SCHED	07/13/2021 19:50:59	7	80	299	29	065:01:08.40 N	096:05:02.39 W
Summer	C-GLYF	497	ARRIVAL	07/13/2021 19:52:32	1	0	141	90	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	497	XML_FLIGHT_SUMMAR Y	07/13/2021 19:52:33	0	0	0	0		
Summer	C-GLYF	498	POWER_ON	07/14/2021 13:10:41	NA	NA	NA	NA		
Summer	C-GLYF	498	SCHED	07/14/2021 13:13:27	1	0	138	52	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	498	DEPARTURE	07/14/2021 13:14:43	1	76	151	205	065:01:14.99 N	096:04:52.19 W
Summer	C-GLYF	498	SCHED	07/14/2021 13:16:50	2	104	743	196	064:58:10.80 N	096:06:40.80 W
Summer	C-GLYF	498	SCHED	07/14/2021 13:19:01	3	113	759	196	064:54:22.19 N	096:09:18.60 W
Summer	C-GLYF	498	SCHED	07/14/2021 13:21:11	4	118	782	194	064:50:21.59 N	096:11:38.40 W
Summer	C-GLYF	498	SCHED	07/14/2021 13:23:18	5	112	793	197	064:46:23.99 N	096:14:13.19 W
Summer	C-GLYF	498	SCHED	07/14/2021 13:25:50	6	118	722	196	064:42:26.40 N	096:16:58.80 W
Summer	C-GLYF	498	SCHED	07/14/2021 13:27:57	7	35	177	219	064:39:31.80 N	096:19:12.60 W
Summer	C-GLYF	498	XML_OVERDUE_REPOR T	07/14/2021 13:35:14	0	0	0	0		
Summer	C-GLYF	498	XML_FLIGHT_SUMMAR Y	07/14/2021 14:20:50	0	0	0	0		
Summer	C-GLYF	499	POWER_ON	07/14/2021 14:20:49	NA	NA	NA	NA		
Summer	C-GLYF	499	SCHED	07/14/2021 14:22:21	1	0	129	0	064:39:25.19 N	096:19:23.40 W
Summer	C-GLYF	499	SCHED	07/14/2021 14:24:31	2	0	169	339	064:39:25.19 N	096:19:27.60 W
Summer	C-GLYF	499	DEPARTURE	07/14/2021 14:25:41	1	45	226	112	064:39:12.59 N	096:19:28.80 W
Summer	C-GLYF	499	SCHED	07/14/2021 14:27:56	3	0	172	303	064:39:23.39 N	096:19:24.59 W
Summer	C-GLYF	499	SCHED	07/14/2021 14:30:39	4	0	132	207	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	499	ARRIVAL	07/14/2021 14:30:49	1	0	132	207	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	499	POWER_ON	07/14/2021 15:01:26	NA	NA	NA	NA		
Summer	C-GLYF	499	SCHED	07/14/2021 15:02:32	1	0	131	0	064:39:25.19 N	096:19:24.00 W
Summer	C-GLYF	499	DEPARTURE	07/14/2021 15:03:42	1	90	227	27	064:39:35.99 N	096:19:48.60 W
Summer	C-GLYF	499	SCHED	07/14/2021 15:05:51	2	111	777	12	064:43:15.60 N	096:16:44.39 W
Summer	C-GLYF	499	SCHED	07/14/2021 15:07:58	3	126	722	20	064:47:33.59 N	096:14:01.80 W
Summer	C-GLYF	499	SCHED	07/14/2021 15:10:18	4	127	747	18	064:51:47.99 N	096:10:39.59 W
Summer	C-GLYF	499	SCHED	07/14/2021 15:12:25	5	133	651	20	064:56:34.20 N	096:06:33.00 W
Summer	C-GLYF	499	SCHED	07/14/2021 15:14:31	6	108	368	357	065:00:55.80 N	096:02:48.60 W
Summer	C-GLYF	499	ARRIVAL	07/14/2021 15:16:24	1	0	143	207	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	499	XML_FLIGHT_SUMMAR Y	07/14/2021 15:16:25	0	0	0	0		
Summer	C-GLYF	500	POWER_ON	07/14/2021 16:55:04	NA	NA	NA	NA		
Summer	C-GLYF	500	SCHED	07/14/2021 16:55:41	1	0	138	169	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	500	SCHED	07/14/2021 16:57:54	2	2	152	285	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	500	DEPARTURE	07/14/2021 16:58:26	1	67	222	278	065:01:25.79 N	096:04:58.79 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:00:35	3	44	233	213	065:02:04.19 N	096:09:09.00 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:02:43	4	0	182	258	065:01:51.60 N	096:09:26.39 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:04:53	5	12	197	242	065:01:51.60 N	096:09:22.19 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:06:59	6	5	189	241	065:01:55.19 N	096:09:28.19 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:09:05	7	40	220	4	065:01:51.60 N	096:08:52.19 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:11:14	8	25	207	208	065:01:48.60 N	096:09:28.80 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:13:26	9	23	187	226	065:01:28.79 N	096:04:10.79 W
Summer	C-GLYF	500	SCHED	07/14/2021 17:15:37	10	0	141	220	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	500	ARRIVAL	07/14/2021 17:16:08	1	0	141	220	065:01:26.40 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	500	XML_FLIGHT_SUMMARY	07/14/2021 17:16:09	0	0	0	0		
Summer	C-GLYF	501	POWER_ON	07/14/2021 19:57:22	NA	NA	NA	NA		
Summer	C-GLYF	501	SCHED	07/14/2021 19:58:01	1	0	134	219	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:00:10	2	0	134	201	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	501	POWER_ON	07/14/2021 20:14:13	NA	NA	NA	NA		
Summer	C-GLYF	501	SCHED	07/14/2021 20:14:51	1	0	136	122	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	501	DEPARTURE	07/14/2021 20:16:08	1	75	174	301	065:01:29.39 N	096:05:00.00 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:19:13	2	30	198	190	065:01:53.39 N	096:09:31.19 W
Summer	C-GLYF	501	ARRIVAL	07/14/2021 20:20:19	1	0	150	15	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:22:28	3	1	143	15	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:24:36	4	53	169	234	065:01:47.39 N	096:09:43.20 W
Summer	C-GLYF	501	DEPARTURE	07/14/2021 20:24:44	2	61	211	281	065:01:44.39 N	096:10:06.59 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:26:57	5	104	524	302	065:03:06.60 N	096:16:34.19 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:29:08	6	105	494	308	065:05:26.39 N	096:24:19.19 W
Summer	C-GLYF	501	SCHED	07/14/2021 20:31:16	7	12	153	132	065:05:32.39 N	096:24:15.00 W
Summer	C-GLYF	501	ARRIVAL	07/14/2021 20:32:24	2	0	141	246	065:05:30.00 N	096:24:16.19 W
Summer	C-GLYF	501	XML_FLIGHT_SUMMARY	07/14/2021 20:32:25	0	0	0	0		
Summer	C-GLYF	501	SCHED	07/14/2021 20:34:31	8	31	149	215	065:05:28.80 N	096:24:18.00 W
Summer	C-GLYF	502	DEPARTURE	07/14/2021 20:35:01	3	80	218	145	065:05:13.20 N	096:24:20.40 W
Summer	C-GLYF	502	SCHED	07/14/2021 20:38:53	9	124	367	108	065:02:19.20 N	096:10:11.39 W
Summer	C-GLYF	502	ARRIVAL	07/14/2021 20:40:01	3	0	148	343	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	502	XML_FLIGHT_SUMMARY	07/14/2021 20:40:02	0	0	0	0		
Summer	C-GLYF	502	SCHED	07/14/2021 20:42:10	10	0	148	343	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	502	SCHED	07/14/2021 20:44:18	11	0	148	343	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	503	DEPARTURE	07/14/2021 20:45:54	4	56	251	62	065:01:43.19 N	096:09:10.20 W
Summer	C-GLYF	503	SCHED	07/14/2021 20:48:07	12	40	259	297	065:01:56.39 N	096:10:19.19 W
Summer	C-GLYF	503	SCHED	07/14/2021 20:50:15	13	53	365	301	065:02:45.60 N	096:13:40.20 W
Summer	C-GLYF	503	SCHED	07/14/2021 20:52:26	14	52	390	310	065:03:50.39 N	096:17:09.59 W
Summer	C-GLYF	503	SCHED	07/14/2021 20:54:34	15	43	310	298	065:04:53.40 N	096:20:36.00 W
Summer	C-GLYF	503	SCHED	07/14/2021 20:56:46	16	39	233	282	065:05:17.39 N	096:22:12.60 W
Summer	C-GLYF	503	SCHED	07/14/2021 20:58:53	17	46	263	122	065:05:45.00 N	096:23:58.79 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:01:00	18	6	182	131	065:05:31.80 N	096:24:13.20 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:04:08	19	110	491	119	065:03:57.60 N	096:18:04.79 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:06:24	20	42	253	211	065:01:58.19 N	096:09:04.79 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:08:32	21	60	300	299	065:02:11.99 N	096:11:05.40 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:10:39	22	64	452	296	065:03:18.59 N	096:15:37.19 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:12:46	23	73	433	304	065:04:29.39 N	096:20:33.60 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:15:05	24	0	182	295	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:17:22	25	106	496	116	065:03:50.39 N	096:17:22.19 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:19:29	26	58	290	192	065:02:07.80 N	096:08:50.40 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:21:38	27	61	291	301	065:01:57.60 N	096:10:23.99 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:23:49	28	71	399	296	065:03:10.79 N	096:15:15.60 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:25:58	29	74	436	308	065:04:38.39 N	096:20:16.79 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:28:07	30	1	188	236	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:33:03	31	113	493	111	065:02:40.80 N	096:10:35.99 W
Summer	C-GLYF	503	SCHED	07/14/2021 21:35:09	32	2	168	231	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	503	ARRIVAL	07/14/2021 21:36:23	4	0	150	326	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	503	XML_FLIGHT_SUMMARY	07/14/2021 21:36:24	0	0	0	0		
Summer	C-GLYF	504	POWER_ON	07/14/2021 21:49:38	NA	NA	NA	NA		
Summer	C-GLYF	504	SCHED	07/14/2021 21:51:09	1	0	147	187	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	504	DEPARTURE	07/14/2021 21:53:13	1	79	231	303	065:01:31.19 N	096:04:58.20 W
Summer	C-GLYF	504	SCHED	07/14/2021 21:55:22	2	0	186	238	065:01:55.19 N	096:09:26.39 W
Summer	C-GLYF	504	SCHED	07/14/2021 21:57:31	3	47	338	297	065:02:39.00 N	096:12:31.79 W
Summer	C-GLYF	504	SCHED	07/14/2021 21:59:38	4	53	314	303	065:03:27.59 N	096:16:15.00 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:01:49	5	57	332	310	065:04:30.59 N	096:19:56.40 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:04:09	6	40	260	297	065:05:32.39 N	096:23:41.99 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:07:12	7	103	411	117	065:04:52.80 N	096:21:49.79 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:09:27	8	107	503	113	065:02:55.19 N	096:12:20.40 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:11:38	9	9	196	229	065:01:50.99 N	096:09:26.39 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:13:47	10	68	362	301	065:02:54.00 N	096:14:25.20 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:15:53	11	79	454	304	065:04:21.00 N	096:19:51.60 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:17:59	12	5	205	322	065:05:31.19 N	096:24:13.80 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:20:06	13	105	432	117	065:04:21.00 N	096:19:40.80 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:22:23	14	111	444	111	065:02:43.80 N	096:11:51.00 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:24:36	15	4	200	265	065:01:50.99 N	096:09:25.20 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:26:49	16	44	296	298	065:02:04.79 N	096:10:34.19 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:28:58	17	37	325	297	065:02:45.60 N	096:13:42.60 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:31:09	18	40	328	293	065:03:23.39 N	096:16:34.79 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:33:16	19	44	346	310	065:04:18.00 N	096:19:34.19 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:35:25	20	39	343	305	065:05:08.40 N	096:22:23.99 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:37:34	21	1	182	260	065:05:31.80 N	096:24:13.20 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:39:42	22	106	455	115	065:04:34.19 N	096:20:34.79 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:42:55	23	72	281	156	065:02:07.80 N	096:09:13.20 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:45:03	24	1	161	71	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:47:10	25	105	472	298	065:03:16.20 N	096:15:26.40 W
Summer	C-GLYF	504	SCHED	07/14/2021 22:49:22	26	101	326	314	065:05:25.80 N	096:23:01.20 W
Summer	C-GLYF	504	ARRIVAL	07/14/2021 22:51:06	1	0	143	247	065:05:31.80 N	096:24:11.39 W
Summer	C-GLYF	504	XML_FLIGHT_SUMMARY	07/14/2021 22:51:07	0	0	0	0		
Summer	C-GLYF	504	SCHED	07/14/2021 22:53:16	27	68	180	151	065:05:22.80 N	096:24:18.00 W
Summer	C-GLYF	505	DEPARTURE	07/14/2021 22:53:23	2	81	202	123	065:05:18.00 N	096:24:05.40 W
Summer	C-GLYF	505	SCHED	07/14/2021 22:55:30	28	131	498	118	065:03:19.79 N	096:15:43.20 W
Summer	C-GLYF	505	SCHED	07/14/2021 22:57:48	29	8	163	321	065:01:50.39 N	096:09:30.00 W
Summer	C-GLYF	505	SCHED	07/14/2021 23:00:01	30	45	155	230	065:01:49.80 N	096:09:37.80 W
Summer	C-GLYF	505	SCHED	07/14/2021 23:02:19	31	24	166	216	065:01:26.40 N	096:04:10.20 W
Summer	C-GLYF	505	ARRIVAL	07/14/2021 23:03:11	2	0	144	220	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	505	XML_FLIGHT_SUMMARY	07/14/2021 23:03:12	0	0	0	0		
Summer	C-GLYF	506	POWER_ON	07/14/2021 23:20:53	NA	NA	NA	NA		
Summer	C-GLYF	506	SCHED	07/14/2021 23:21:29	1	0	147	217	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	506	SCHED	07/14/2021 23:23:38	2	0	141	212	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	506	POWER_ON	07/15/2021 11:36:08	NA	NA	NA	NA		
Summer	C-GLYF	506	SCHED	07/15/2021 11:36:44	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	506	SCHED	07/15/2021 11:38:53	2	0	118	233	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	506	DEPARTURE	07/15/2021 11:40:14	1	68	195	312	065:01:31.19 N	096:04:58.20 W
Summer	C-GLYF	506	SCHED	07/15/2021 11:42:21	3	15	145	3	065:01:49.80 N	096:09:33.00 W
Summer	C-GLYF	506	ARRIVAL	07/15/2021 11:43:32	1	0	140	74	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	506	DEPARTURE	07/15/2021 11:45:00	2	77	202	301	065:02:00.60 N	096:10:11.99 W
Summer	C-GLYF	506	SCHED	07/15/2021 11:47:08	4	100	352	300	065:03:36.59 N	096:16:56.99 W
Summer	C-GLYF	506	SCHED	07/15/2021 11:49:18	5	73	199	289	065:05:37.80 N	096:23:47.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	506	ARRIVAL	07/15/2021 11:50:39	2	0	138	268	065:05:31.19 N	096:24:11.99 W
Summer	C-GLYF	506	XML_FLIGHT_SUMMARY	07/15/2021 11:50:40	0	0	0	0		
Summer	C-GLYF	507	DEPARTURE	07/15/2021 11:52:01	3	89	195	106	065:05:25.20 N	096:23:19.79 W
Summer	C-GLYF	507	SCHED	07/15/2021 11:54:12	6	134	413	124	065:03:14.99 N	096:14:13.19 W
Summer	C-GLYF	507	SCHED	07/15/2021 11:56:28	7	0	144	50	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	507	ARRIVAL	07/15/2021 11:56:45	3	0	145	50	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	507	XML_FLIGHT_SUMMARY	07/15/2021 11:56:46	0	0	0	0		
Summer	C-GLYF	507	SCHED	07/15/2021 11:58:58	8	0	145	50	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	507	SCHED	07/15/2021 12:01:12	9	0	178	69	065:01:52.19 N	096:09:25.80 W
Summer	C-GLYF	508	DEPARTURE	07/15/2021 12:02:00	4	60	274	294	065:01:57.60 N	096:10:04.79 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:04:06	10	67	368	298	065:03:05.99 N	096:14:43.20 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:06:16	11	67	363	304	065:04:21.00 N	096:19:30.00 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:08:24	12	31	201	222	065:05:36.60 N	096:24:09.00 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:10:34	13	2	173	85	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:12:43	14	111	390	120	065:04:28.20 N	096:19:27.60 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:14:54	15	110	390	117	065:02:34.80 N	096:11:09.60 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:17:04	16	46	232	298	065:01:51.60 N	096:09:40.80 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:19:12	17	81	363	300	065:03:11.40 N	096:15:17.39 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:21:22	18	92	321	304	065:04:55.79 N	096:21:26.39 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:25:02	19	103	330	120	065:04:28.80 N	096:19:15.00 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:27:10	20	95	289	121	065:02:16.20 N	096:09:38.99 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:29:21	21	1	187	290	065:01:50.99 N	096:09:25.80 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:31:28	22	49	279	292	065:01:54.00 N	096:10:03.59 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:33:38	23	64	327	288	065:02:56.40 N	096:14:33.00 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:35:45	24	67	276	311	065:04:15.59 N	096:19:14.39 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:37:54	25	54	254	311	065:05:33.60 N	096:23:19.79 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:40:01	26	3	182	284	065:05:34.19 N	096:24:11.99 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:43:43	27	92	264	126	065:05:18.00 N	096:22:02.39 W
Summer	C-GLYF	508	SCHED	07/15/2021 12:45:53	28	101	315	117	065:03:07.80 N	096:13:28.20 W
Summer	C-GLYF	508	XML_FLIGHT_SUMMARY	07/15/2021 12:46:46	0	0	0	0		
Summer	C-GLYF	509	POWER_ON	07/15/2021 12:46:45	NA	NA	NA	NA		
Summer	C-GLYF	509	DEPARTURE	07/15/2021 12:46:59	1	101	336	117	065:02:28.20 N	096:10:27.60 W
Summer	C-GLYF	509	SCHED	07/15/2021 12:47:21	1	63	249	168	065:02:01.80 N	096:09:09.59 W
Summer	C-GLYF	509	SCHED	07/15/2021 12:49:28	2	0	190	218	065:01:50.99 N	096:01:50.80 W
Summer	C-GLYF	509	SCHED	07/15/2021 12:51:36	3	35	312	300	065:02:17.39 N	096:11:34.79 W
Summer	C-GLYF	509	SCHED	07/15/2021 12:53:46	4	40	302	296	065:02:58.19 N	096:14:18.00 W
Summer	C-GLYF	509	SCHED	07/15/2021 12:55:55	5	42	302	302	065:03:43.19 N	096:17:08.40 W
Summer	C-GLYF	509	SCHED	07/15/2021 12:58:05	6	43	275	305	065:04:33.59 N	096:20:04.79 W
Summer	C-GLYF	509	SCHED	07/15/2021 13:00:13	7	37	255	304	065:05:18.00 N	096:22:58.79 W
Summer	C-GLYF	509	SCHED	07/15/2021 13:03:09	8	92	251	116	065:04:59.99 N	096:21:56.99 W
Summer	C-GLYF	509	SCHED	07/15/2021 13:06:00	9	103	332	113	065:02:59.40 N	096:11:19.79 W
Summer	C-GLYF	509	SCHED	07/15/2021 13:08:11	10	20	194	210	065:01:27.00 N	096:04:07.80 W
Summer	C-GLYF	509	ARRIVAL	07/15/2021 13:09:37	1	0	146	41	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	509	XML_FLIGHT_SUMMARY	07/15/2021 13:09:38	0	0	0	0		
Summer	C-GLYF	510	POWER_ON	07/15/2021 13:33:41	NA	NA	NA	NA		
Summer	C-GLYF	510	SCHED	07/15/2021 13:34:49	1	0	141	236	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	510	DEPARTURE	07/15/2021 13:36:42	1	81	224	303	065:01:31.79 N	096:04:59.39 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:39:03	2	22	194	219	065:01:52.19 N	096:09:16.19 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:41:12	3	34	239	293	065:01:51.60 N	096:09:42.60 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:43:30	4	54	253	293	065:02:42.00 N	096:13:39.59 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:45:38	5	48	225	314	065:03:31.80 N	096:17:37.80 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:47:55	6	33	220	309	065:04:24.00 N	096:19:36.60 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:50:07	7	16	206	244	065:04:24.59 N	096:18:36.59 W
Summer	C-GLYF	510	SCHED	07/15/2021 13:52:26	8	3	171	324	065:04:28.80 N	096:18:52.19 W
Summer	C-GLYF	510	ARRIVAL	07/15/2021 13:53:33	1	0	148	111	065:04:28.20 N	096:18:51.60 W
Summer	C-GLYF	510	XML_FLIGHT_SUMMARY	07/15/2021 13:53:34	0	0	0	0		
Summer	C-GLYF	511	POWER_ON	07/15/2021 14:30:42	NA	NA	NA	NA		
Summer	C-GLYF	511	SCHED	07/15/2021 14:31:19	1	1	146	284	065:04:28.80 N	096:18:51.60 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:33:35	2	1	176	330	065:04:28.20 N	096:18:52.19 W
Summer	C-GLYF	511	DEPARTURE	07/15/2021 14:35:03	1	47	240	315	065:04:43.19 N	096:19:07.20 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:37:26	3	29	227	331	065:05:28.80 N	096:24:10.80 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:39:38	4	0	182	45	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:41:46	5	107	300	114	065:03:56.40 N	096:21:29.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:43:55	6	112	274	118	065:02:33.00 N	096:13:01.80 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:46:08	7	0	186	50	065:01:55.19 N	096:09:27.60 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:48:14	8	72	305	297	065:02:50.39 N	096:13:06.00 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:50:27	9	73	312	301	065:04:01.79 N	096:18:28.20 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:52:34	10	50	231	330	065:05:17.39 N	096:24:01.79 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:54:41	11	106	301	117	065:04:40.80 N	096:20:26.99 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:56:48	12	104	309	122	065:02:40.20 N	096:12:42.00 W
Summer	C-GLYF	511	SCHED	07/15/2021 14:58:55	13	23	193	353	065:01:56.99 N	096:09:27.60 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:01:05	14	65	323	301	065:03:04.19 N	096:13:26.99 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:03:12	15	69	314	296	065:04:11.40 N	096:18:31.80 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:05:19	16	60	271	296	065:05:09.59 N	096:23:33.00 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:07:26	17	1	180	329	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:09:33	18	108	332	121	065:04:34.80 N	096:20:05.40 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:11:43	19	112	331	125	065:02:29.39 N	096:12:29.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:13:50	20	58	260	297	065:02:10.20 N	096:10:02.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:15:57	21	68	332	297	065:03:09.59 N	096:14:51.00 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:18:07	22	68	313	302	065:04:21.00 N	096:19:44.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:20:16	23	29	203	345	065:05:27.00 N	096:24:11.39 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:22:23	24	100	344	121	065:04:29.39 N	096:20:03.60 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:24:31	25	107	308	128	065:02:31.79 N	096:12:46.79 W
Summer	C-GLYF	511	SCHED	07/15/2021 15:26:37	26	3	161	322	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	511	ARRIVAL	07/15/2021 15:27:43	1	0	156	124	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	511	XML_FLIGHT_SUMMARY	07/15/2021 15:27:44	0	0	0	0		
Summer	C-GLYF	512	POWER_ON	07/15/2021 15:52:30	NA	NA	NA	NA		
Summer	C-GLYF	512	SCHED	07/15/2021 15:53:07	1	0	151	310	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	512	SCHED	07/15/2021 15:55:14	2	11	202	23	065:01:53.39 N	096:09:31.19 W
Summer	C-GLYF	512	DEPARTURE	07/15/2021 15:56:24	1	55	251	293	065:02:04.79 N	096:09:57.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 15:58:31	3	79	352	298	065:03:24.00 N	096:15:00.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:00:41	4	73	359	295	065:04:35.39 N	096:20:37.19 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:02:53	5	1	178	333	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:05:02	6	100	346	122	065:04:07.20 N	096:17:51.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:07:12	7	104	297	123	065:02:05.40 N	096:10:45.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:09:22	8	60	255	288	065:02:10.20 N	096:10:09.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:11:30	9	71	317	299	065:03:09.59 N	096:15:08.99 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:13:38	10	71	332	305	065:04:24.00 N	096:19:57.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	512	SCHED	07/15/2021 16:15:47	11	11	190	354	065:05:30.59 N	096:24:13.20 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:17:54	12	95	354	115	065:04:51.60 N	096:20:48.60 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:20:01	13	103	369	125	065:03:03.59 N	096:13:51.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:22:10	14	0	189	32	065:01:52.19 N	096:09:26.39 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:24:18	15	65	302	304	065:02:34.80 N	096:11:25.80 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:26:26	16	81	349	296	065:03:50.99 N	096:16:53.39 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:28:32	17	76	299	289	065:04:59.99 N	096:22:55.79 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:30:45	18	96	303	118	065:05:04.79 N	096:22:12.60 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:33:33	19	103	295	123	065:02:40.20 N	096:12:51.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:35:40	20	4	179	352	065:01:52.19 N	096:09:26.99 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:37:49	21	81	363	300	065:03:03.59 N	096:14:26.40 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:39:58	22	74	311	303	065:04:27.59 N	096:20:23.39 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:42:22	23	0	170	23	065:05:31.80 N	096:24:15.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:44:38	24	102	305	122	065:03:44.39 N	096:16:52.80 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:46:46	25	42	203	68	065:01:44.39 N	096:09:33.60 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:48:56	26	61	265	299	065:02:18.59 N	096:10:48.59 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:51:08	27	64	328	298	065:03:22.79 N	096:15:31.20 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:53:15	28	61	306	301	065:04:31.19 N	096:20:28.80 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:55:23	29	8	187	348	065:05:31.19 N	096:24:13.20 W
Summer	C-GLYF	512	SCHED	07/15/2021 16:57:30	30	12	188	359	065:05:33.00 N	096:24:12.60 W
Summer	C-GLYF	512	SCHED	07/15/2021 17:01:09	31	82	243	115	065:05:16.19 N	096:23:18.00 W
Summer	C-GLYF	512	SCHED	07/15/2021 17:04:14	32	105	365	124	065:03:07.20 N	096:14:30.60 W
Summer	C-GLYF	512	SCHED	07/15/2021 17:06:24	33	0	169	69	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	512	ARRIVAL	07/15/2021 17:07:55	1	0	149	100	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	512	XML_FLIGHT_SUMMARY	07/15/2021 17:07:56	0	0	0	0		
Summer	C-GLYF	513	POWER_ON	07/15/2021 17:33:30	NA	NA	NA	NA		
Summer	C-GLYF	513	SCHED	07/15/2021 17:34:08	1	0	155	125	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:36:18	2	1	152	169	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:38:25	3	62	208	316	065:02:02.40 N	096:09:39.59 W
Summer	C-GLYF	513	DEPARTURE	07/15/2021 17:38:31	1	65	223	314	065:02:06.60 N	096:09:51.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:40:38	4	76	345	297	065:03:27.59 N	096:15:12.60 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:42:48	5	80	325	293	065:04:41.99 N	096:21:10.20 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:44:57	6	1	175	53	065:05:31.80 N	096:24:13.20 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:47:10	7	103	373	119	065:03:53.99 N	096:17:05.99 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:49:18	8	66	227	111	065:01:47.39 N	096:09:41.40 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:51:32	9	70	278	306	065:02:30.00 N	096:11:23.99 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:53:41	10	79	292	298	065:03:50.39 N	096:17:32.39 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:57:05	11	1	179	36	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	513	SCHED	07/15/2021 17:59:12	12	90	365	121	065:03:54.60 N	096:17:30.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:01:23	13	93	313	127	065:02:02.99 N	096:10:27.60 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:03:31	14	76	303	301	065:02:26.40 N	096:11:34.20 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:05:44	15	88	322	295	065:03:50.39 N	096:17:31.20 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:07:51	16	62	244	311	065:05:14.39 N	096:23:57.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:09:57	17	109	289	120	065:05:01.79 N	096:21:58.79 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:12:07	18	101	308	123	065:03:10.20 N	096:14:28.20 W
Summer	C-GLYF	513	XML_OVERDUE_REPORT	07/15/2021 18:12:57	0	0	0	0		
Summer	C-GLYF	513	SCHED	07/15/2021 18:14:16	19	1	189	36	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:16:31	20	78	324	299	065:02:53.39 N	096:13:21.60 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:18:40	21	80	290	303	065:04:18.00 N	096:19:33.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:20:48	22	11	186	353	065:05:30.59 N	096:24:13.20 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:24:28	23	105	324	124	065:02:56.40 N	096:13:58.20 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:26:41	24	1	187	30	065:01:52.80 N	096:09:25.80 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:28:54	25	77	315	302	065:02:56.99 N	096:13:54.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:31:01	26	85	316	300	065:04:29.39 N	096:20:13.79 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:33:13	27	1	188	47	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:35:22	28	104	330	121	065:04:56.40 N	096:21:38.39 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:37:30	29	102	321	122	065:03:01.79 N	096:14:18.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:39:48	30	0	189	29	065:01:52.80 N	096:09:25.80 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:42:00	31	77	306	300	065:03:04.19 N	096:14:03.00 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:45:00	32	78	281	294	065:04:48.60 N	096:21:36.60 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:47:42	33	104	314	117	065:04:41.39 N	096:20:32.39 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:49:51	34	108	316	127	065:02:42.59 N	096:12:49.79 W
Summer	C-GLYF	513	SCHED	07/15/2021 18:52:57	35	0	157	115	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	513	ARRIVAL	07/15/2021 18:53:07	1	0	157	115	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	513	XML_FLIGHT_SUMMARY	07/15/2021 18:53:08	0	0	0	0		
Summer	C-GLYF	514	POWER_ON	07/15/2021 19:13:48	NA	NA	NA	NA		
Summer	C-GLYF	514	SCHED	07/15/2021 19:14:23	1	0	157	291	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:16:30	2	0	179	245	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	514	DEPARTURE	07/15/2021 19:18:02	1	52	232	307	065:02:03.60 N	096:09:51.00 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:20:10	3	78	334	296	065:03:15.59 N	096:15:03.60 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:22:15	4	77	301	299	065:04:34.80 N	096:20:41.99 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:24:23	5	0	181	114	065:05:32.39 N	096:24:10.20 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:26:29	6	108	324	126	065:04:01.19 N	096:17:58.79 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:28:39	7	101	315	122	065:01:58.80 N	096:10:27.60 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:30:46	8	64	296	299	065:02:24.00 N	096:11:25.20 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:32:51	9	74	301	300	065:03:38.39 N	096:16:31.79 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:35:39	10	73	257	292	065:05:07.79 N	096:23:15.00 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:37:53	11	110	263	119	065:05:07.20 N	096:21:55.80 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:40:00	12	115	307	126	065:03:01.19 N	096:13:30.60 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:42:05	13	1	190	357	065:01:52.80 N	096:09:26.39 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:44:13	14	66	260	296	065:02:42.00 N	096:12:39.59 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:46:22	15	67	264	299	065:03:48.00 N	096:17:21.00 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:48:31	16	65	272	295	065:04:55.19 N	096:22:10.79 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:50:40	17	106	271	116	065:05:12.60 N	096:22:38.99 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:52:51	18	109	340	122	065:03:21.00 N	096:14:34.20 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:54:58	19	1	196	2	065:01:52.19 N	096:09:26.99 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:57:05	20	52	260	304	065:02:25.79 N	096:12:24.59 W
Summer	C-GLYF	514	SCHED	07/15/2021 19:59:19	21	60	285	304	065:03:33.00 N	096:16:22.80 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:01:26	22	65	308	290	065:04:41.39 N	096:20:55.20 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:03:37	23	1	181	3	065:05:31.80 N	096:24:15.00 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:05:56	24	105	348	118	065:04:26.40 N	096:18:55.20 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:08:07	25	111	318	138	065:02:06.60 N	096:11:06.00 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:10:16	26	61	245	300	065:02:10.20 N	096:10:11.39 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:12:24	27	76	279	299	065:03:16.20 N	096:15:36.59 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:14:33	28	77	275	293	065:04:39.60 N	096:20:49.19 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:16:46	29	1	179	28	065:05:32.39 N	096:24:10.20 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:18:53	30	97	268	120	065:04:02.99 N	096:17:37.80 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:21:00	31	104	268	132	065:02:10.79 N	096:11:01.80 W
Summer	C-GLYF	514	SCHED	07/15/2021 20:23:55	32	0	156	142	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	514	ARRIVAL	07/15/2021 20:24:03	1	0	156	142	065:01:50.99 N	096:09:30.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	514	XML_FLIGHT_SUMMARY	07/15/2021 20:24:04	0	0	0	0		
Summer	C-GLYF	515	POWER_ON	07/15/2021 21:24:10	NA	NA	NA	NA		
Summer	C-GLYF	515	SCHED	07/15/2021 21:24:49	1	0	154	298	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:27:02	2	0	158	298	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	515	DEPARTURE	07/15/2021 21:27:13	1	1	158	284	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:29:20	3	60	255	297	065:02:07.80 N	096:10:09.59 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:31:29	4	78	271	304	065:03:22.79 N	096:15:38.40 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:33:39	5	72	259	285	065:04:43.80 N	096:20:53.40 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:35:48	6	1	177	270	065:05:33.00 N	096:24:10.20 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:37:56	7	104	262	120	065:04:26.40 N	096:19:04.79 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:40:21	8	112	294	131	065:02:16.20 N	096:11:42.60 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:42:28	9	69	263	303	065:02:15.60 N	096:10:29.40 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:44:44	10	77	286	298	065:03:25.20 N	096:15:43.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:47:02	11	78	290	290	065:04:50.99 N	096:21:30.00 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:50:56	12	110	306	120	065:04:46.19 N	096:20:29.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:53:49	13	17	203	353	065:01:51.60 N	096:09:25.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:56:04	14	63	321	286	065:02:30.59 N	096:12:01.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 21:58:58	15	75	275	299	065:04:05.40 N	096:18:38.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:01:08	16	30	210	349	065:05:27.59 N	096:24:14.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:03:18	17	103	307	113	065:05:02.99 N	096:21:35.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:05:26	18	114	309	146	065:03:40.80 N	096:13:37.19 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:07:34	19	1	186	34	065:01:55.19 N	096:09:25.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:09:41	20	63	295	300	065:02:37.80 N	096:12:08.99 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:11:56	21	66	299	300	065:03:43.80 N	096:17:03.00 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:14:04	22	68	305	292	065:04:55.19 N	096:22:18.59 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:16:15	23	2	175	16	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:19:18	24	88	320	120	065:04:09.59 N	096:17:59.40 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:21:33	25	95	306	125	065:02:00.00 N	096:10:35.99 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:23:46	26	68	277	300	065:02:16.20 N	096:10:40.20 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:25:54	27	85	312	290	065:03:39.60 N	096:16:11.99 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:28:01	28	73	302	291	065:04:53.99 N	096:21:49.79 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:30:09	29	18	183	147	065:05:31.19 N	096:24:13.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:32:24	30	107	353	120	065:03:56.40 N	096:17:16.20 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:34:32	31	60	234	81	065:01:46.19 N	096:09:33.00 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:36:41	32	57	259	297	065:02:17.39 N	096:10:37.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:38:48	33	63	300	299	065:03:22.20 N	096:15:00.60 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:40:55	34	61	285	298	065:04:25.80 N	096:19:34.79 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:43:03	35	37	212	321	065:05:21.00 N	096:24:02.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:45:11	36	9	195	359	065:05:31.19 N	096:24:15.00 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:47:18	37	104	324	115	065:04:30.59 N	096:19:29.39 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:49:29	38	108	316	126	065:02:37.80 N	096:12:01.80 W
Summer	C-GLYF	515	SCHED	07/15/2021 22:51:38	39	0	159	128	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	515	ARRIVAL	07/15/2021 22:52:08	1	0	158	128	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	515	XML_FLIGHT_SUMMARY	07/15/2021 22:52:09	0	0	0	0		
Summer	C-GLYF	516	POWER_ON	07/15/2021 23:04:34	NA	NA	NA	NA		
Summer	C-GLYF	516	SCHED	07/15/2021 23:05:15	1	0	151	205	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	516	DEPARTURE	07/15/2021 23:06:36	1	59	194	22	065:02:07.80 N	096:09:12.60 W
Summer	C-GLYF	516	SCHED	07/15/2021 23:08:43	2	32	192	61	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	516	ARRIVAL	07/15/2021 23:10:05	1	0	143	274	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	516	POWER_ON	07/15/2021 23:23:06	NA	NA	NA	NA		
Summer	C-GLYF	516	SCHED	07/15/2021 23:23:54	1	0	135	288	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	516	DEPARTURE	07/15/2021 23:25:15	1	60	199	305	065:01:34.20 N	096:04:50.99 W
Summer	C-GLYF	516	SCHED	07/15/2021 23:27:23	2	102	365	291	065:03:17.39 N	096:11:13.80 W
Summer	C-GLYF	516	SCHED	07/15/2021 23:29:34	3	107	347	287	065:04:39.60 N	096:19:34.79 W
Summer	C-GLYF	516	SCHED	07/15/2021 23:31:41	4	0	136	1	065:05:31.19 N	096:24:11.39 W
Summer	C-GLYF	516	ARRIVAL	07/15/2021 23:32:17	1	0	135	1	065:05:31.19 N	096:24:11.39 W
Summer	C-GLYF	516	XML_FLIGHT_SUMMARY	07/15/2021 23:32:18	0	0	0	0		
Summer	C-GLYF	517	DEPARTURE	07/15/2021 23:33:36	2	86	175	109	065:05:39.60 N	096:23:35.99 W
Summer	C-GLYF	517	SCHED	07/15/2021 23:35:43	5	119	325	113	065:03:42.60 N	096:14:25.20 W
Summer	C-GLYF	517	SCHED	07/15/2021 23:38:06	6	122	313	171	065:02:02.40 N	096:05:32.39 W
Summer	C-GLYF	517	ARRIVAL	07/15/2021 23:39:37	2	0	145	38	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	517	XML_FLIGHT_SUMMARY	07/15/2021 23:39:38	0	0	0	0		
Summer	C-GLYF	518	POWER_ON	07/16/2021 11:25:52	NA	NA	NA	NA		
Summer	C-GLYF	518	SCHED	07/16/2021 11:27:51	1	0	0	356	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	518	DEPARTURE	07/16/2021 11:29:26	1	68	142	309	065:01:37.19 N	096:04:49.19 W
Summer	C-GLYF	518	SCHED	07/16/2021 11:31:35	2	106	393	296	065:03:22.79 N	096:10:52.79 W
Summer	C-GLYF	518	SCHED	07/16/2021 11:33:54	3	114	495	293	065:04:59.99 N	096:19:16.20 W
Summer	C-GLYF	518	SCHED	07/16/2021 11:37:14	4	0	139	73	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	518	ARRIVAL	07/16/2021 11:37:20	1	0	139	73	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	518	XML_FLIGHT_SUMMARY	07/16/2021 11:37:21	0	0	0	0		
Summer	C-GLYF	519	DEPARTURE	07/16/2021 11:38:31	2	65	207	95	065:05:41.39 N	096:23:52.19 W
Summer	C-GLYF	519	SCHED	07/16/2021 11:40:50	5	106	436	115	065:04:19.79 N	096:15:53.99 W
Summer	C-GLYF	519	SCHED	07/16/2021 11:43:17	6	113	359	124	065:02:31.19 N	096:07:07.79 W
Summer	C-GLYF	519	ARRIVAL	07/16/2021 11:45:20	2	0	138	37	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	519	XML_FLIGHT_SUMMARY	07/16/2021 11:45:21	0	0	0	0		
Summer	C-GLYF	519	SCHED	07/16/2021 11:45:30	7	0	138	37	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	520	POWER_ON	07/16/2021 13:11:42	NA	NA	NA	NA		
Summer	C-GLYF	520	SCHED	07/16/2021 13:12:19	1	0	151	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:14:27	2	0	146	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	520	DEPARTURE	07/16/2021 13:16:09	1	72	203	311	065:01:41.39 N	096:04:46.79 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:18:17	3	97	672	327	065:04:18.59 N	096:08:19.79 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:20:26	4	101	724	325	065:07:16.19 N	096:12:59.39 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:22:38	5	101	665	326	065:10:16.80 N	096:18:03.00 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:24:47	6	99	716	326	065:13:17.40 N	096:22:55.79 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:26:55	7	102	711	324	065:16:16.79 N	096:27:55.20 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:29:03	8	104	710	320	065:19:08.40 N	096:33:02.39 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:31:19	9	109	453	321	065:22:07.79 N	096:38:31.19 W
Summer	C-GLYF	520	SCHED	07/16/2021 13:33:32	10	0	151	14	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	520	ARRIVAL	07/16/2021 13:34:24	1	0	152	14	065:23:54.59 N	096:40:33.00 W
Summer	C-GLYF	520	XML_FLIGHT_SUMMARY	07/16/2021 13:34:25	0	0	0	0		
Summer	C-GLYF	521	DEPARTURE	07/16/2021 13:37:12	2	80	200	173	065:23:40.79 N	096:40:00.60 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:39:26	11	0	160	76	065:21:59.99 N	096:42:12.60 W
Summer	C-GLYF	521	ARRIVAL	07/16/2021 13:39:32	2	0	160	76	065:21:59.99 N	096:42:12.60 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:41:44	12	0	161	76	065:21:59.99 N	096:42:12.60 W
Summer	C-GLYF	521	DEPARTURE	07/16/2021 13:43:30	3	86	250	116	065:22:09.59 N	096:41:40.20 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:45:49	13	121	736	143	065:17:23.39 N	096:32:05.99 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:48:06	14	116	694	143	065:13:40.20 N	096:25:12.59 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	521	SCHED	07/16/2021 13:50:17	15	121	712	144	065:10:10.20 N	096:18:49.79 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:52:24	16	118	630	142	065:06:45.60 N	096:12:35.99 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:54:31	17	120	474	142	065:03:26.40 N	096:06:33.60 W
Summer	C-GLYF	521	SCHED	07/16/2021 13:56:41	18	2	150	282	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	521	ARRIVAL	07/16/2021 13:57:35	3	0	146	292	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	521	XML_FLIGHT_SUMMARY	07/16/2021 13:57:36	0	0	0	0		
Summer	C-GLYF	521	SCHED	07/16/2021 13:59:44	19	0	145	292	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	522	POWER_ON	07/16/2021 14:16:23	NA	NA	NA	NA		
Summer	C-GLYF	522	SCHED	07/16/2021 14:17:01	1	0	153	208	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	522	SCHED	07/16/2021 14:19:11	2	0	147	18	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	SCHED	07/16/2021 14:21:16	3	0	147	18	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	SCHED	07/16/2021 14:23:23	4	0	147	18	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	SCHED	07/16/2021 14:25:32	5	0	147	18	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	SCHED	07/16/2021 14:27:40	6	0	148	18	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	POWER_ON	07/16/2021 17:57:28	NA	NA	NA	NA		
Summer	C-GLYF	522	SCHED	07/16/2021 17:58:09	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	SCHED	07/16/2021 18:00:25	2	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	522	DEPARTURE	07/16/2021 18:00:56	1	83	322	325	065:02:15.60 N	096:05:38.99 W
Summer	C-GLYF	522	SCHED	07/16/2021 18:03:16	3	107	456	290	065:03:43.80 N	096:13:34.79 W
Summer	C-GLYF	522	SCHED	07/16/2021 18:05:27	4	106	341	276	065:05:03.59 N	096:23:05.40 W
Summer	C-GLYF	522	SCHED	07/16/2021 18:07:34	5	0	135	64	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	522	ARRIVAL	07/16/2021 18:07:43	1	0	135	64	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	522	XML_FLIGHT_SUMMARY	07/16/2021 18:07:44	0	0	0	0		
Summer	C-GLYF	523	DEPARTURE	07/16/2021 18:08:55	2	61	191	35	065:05:47.40 N	096:24:09.59 W
Summer	C-GLYF	523	SCHED	07/16/2021 18:11:03	6	84	301	81	065:06:18.00 N	096:16:59.40 W
Summer	C-GLYF	523	SCHED	07/16/2021 18:13:11	7	0	124	22	065:06:27.00 N	096:14:46.20 W
Summer	C-GLYF	523	ARRIVAL	07/16/2021 18:13:27	2	0	124	22	065:06:27.00 N	096:14:46.20 W
Summer	C-GLYF	523	XML_FLIGHT_SUMMARY	07/16/2021 18:13:28	0	0	0	0		
Summer	C-GLYF	524	DEPARTURE	07/16/2021 18:15:08	3	67	187	15	065:06:42.60 N	096:14:27.60 W
Summer	C-GLYF	524	SCHED	07/16/2021 18:17:22	8	98	489	327	065:09:18.00 N	096:18:07.20 W
Summer	C-GLYF	524	SCHED	07/16/2021 18:19:32	9	98	584	327	065:12:14.39 N	096:23:11.99 W
Summer	C-GLYF	524	SCHED	07/16/2021 18:21:40	10	102	578	325	065:15:10.79 N	096:28:14.40 W
Summer	C-GLYF	524	SCHED	07/16/2021 18:23:49	11	101	562	324	065:18:08.99 N	096:32:56.40 W
Summer	C-GLYF	524	SCHED	07/16/2021 18:26:00	12	109	400	318	065:21:02.99 N	096:38:32.40 W
Summer	C-GLYF	524	SCHED	07/16/2021 18:28:06	13	0	167	198	065:22:17.39 N	096:40:55.20 W
Summer	C-GLYF	524	ARRIVAL	07/16/2021 18:28:20	3	0	167	198	065:22:17.39 N	096:40:55.20 W
Summer	C-GLYF	524	XML_FLIGHT_SUMMARY	07/16/2021 18:28:21	0	0	0	0		
Summer	C-GLYF	525	DEPARTURE	07/16/2021 18:30:00	4	65	212	25	065:22:34.19 N	096:40:48.59 W
Summer	C-GLYF	525	SCHED	07/16/2021 18:32:07	14	0	159	6	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	525	ARRIVAL	07/16/2021 18:32:15	4	0	159	6	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	525	SCHED	07/16/2021 18:34:22	15	0	155	6	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	525	DEPARTURE	07/16/2021 18:35:30	5	81	220	179	065:23:37.19 N	096:40:04.79 W
Summer	C-GLYF	525	SCHED	07/16/2021 18:37:38	16	69	383	334	065:23:50.99 N	096:42:15.60 W
Summer	C-GLYF	525	SCHED	07/16/2021 18:39:46	17	25	182	40	065:25:52.79 N	096:42:10.80 W
Summer	C-GLYF	525	ARRIVAL	07/16/2021 18:41:10	5	0	160	75	065:25:57.59 N	096:41:49.79 W
Summer	C-GLYF	525	XML_FLIGHT_SUMMARY	07/16/2021 18:41:11	0	0	0	0		
Summer	C-GLYF	526	POWER_ON	07/16/2021 19:03:23	NA	NA	NA	NA		
Summer	C-GLYF	526	SCHED	07/16/2021 19:04:04	1	0	155	336	065:25:57.59 N	096:41:49.79 W
Summer	C-GLYF	526	DEPARTURE	07/16/2021 19:05:09	1	67	221	332	065:26:14.39 N	096:42:01.80 W
Summer	C-GLYF	526	SCHED	07/16/2021 19:07:16	2	80	524	17	065:25:18.60 N	096:49:03.60 W
Summer	C-GLYF	526	SCHED	07/16/2021 19:09:23	3	112	519	126	065:23:22.80 N	096:41:54.00 W
Summer	C-GLYF	526	SCHED	07/16/2021 19:11:31	4	109	585	269	065:20:33.60 N	096:38:34.79 W
Summer	C-GLYF	526	SCHED	07/16/2021 19:15:15	5	0	163	298	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	526	ARRIVAL	07/16/2021 19:15:23	1	0	163	298	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	526	XML_FLIGHT_SUMMARY	07/16/2021 19:15:24	0	0	0	0		
Summer	C-GLYF	527	DEPARTURE	07/16/2021 19:16:24	2	92	222	162	065:23:35.40 N	096:39:57.00 W
Summer	C-GLYF	527	SCHED	07/16/2021 19:18:36	6	121	584	143	065:20:19.20 N	096:34:42.60 W
Summer	C-GLYF	527	SCHED	07/16/2021 19:20:50	7	123	592	152	065:16:32.39 N	096:28:54.59 W
Summer	C-GLYF	527	SCHED	07/16/2021 19:23:00	8	124	609	151	065:12:29.40 N	096:23:39.59 W
Summer	C-GLYF	527	SCHED	07/16/2021 19:25:05	9	122	605	150	065:08:42.60 N	096:18:24.00 W
Summer	C-GLYF	527	SCHED	07/16/2021 19:27:13	10	39	156	46	065:06:35.99 N	096:14:45.00 W
Summer	C-GLYF	527	XML_OVERDUE_REPORT	07/16/2021 19:34:28	0	0	0	0		
Summer	C-GLYF	527	XML_FLIGHT_SUMMARY	07/16/2021 20:14:38	0	0	0	0		
Summer	C-GLYF	528	POWER_ON	07/16/2021 20:14:37	NA	NA	NA	NA		
Summer	C-GLYF	528	SCHED	07/16/2021 20:16:28	1	3	115	337	065:06:39.60 N	096:14:47.39 W
Summer	C-GLYF	528	DEPARTURE	07/16/2021 20:16:48	1	56	179	321	065:06:53.99 N	096:14:42.00 W
Summer	C-GLYF	528	SCHED	07/16/2021 20:19:00	2	115	303	236	065:05:36.60 N	096:22:53.99 W
Summer	C-GLYF	528	ARRIVAL	07/16/2021 20:20:53	1	0	132	46	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	528	XML_FLIGHT_SUMMARY	07/16/2021 20:20:54	0	0	0	0		
Summer	C-GLYF	528	SCHED	07/16/2021 20:23:05	3	0	133	46	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	529	DEPARTURE	07/16/2021 20:24:21	2	72	207	73	065:05:46.19 N	096:24:06.00 W
Summer	C-GLYF	529	SCHED	07/16/2021 20:26:32	4	112	539	111	065:04:17.39 N	096:15:36.00 W
Summer	C-GLYF	529	SCHED	07/16/2021 20:28:43	5	113	372	125	065:02:31.19 N	096:06:13.20 W
Summer	C-GLYF	529	SCHED	07/16/2021 20:30:51	6	0	139	277	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	529	ARRIVAL	07/16/2021 20:30:57	2	0	139	277	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	529	XML_FLIGHT_SUMMARY	07/16/2021 20:30:58	0	0	0	0		
Summer	C-GLYF	530	POWER_ON	07/16/2021 23:07:46	NA	NA	NA	NA		
Summer	C-GLYF	530	SCHED	07/16/2021 23:08:41	1	0	156	240	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	530	DEPARTURE	07/16/2021 23:10:23	1	66	220	317	065:01:39.00 N	096:04:34.79 W
Summer	C-GLYF	530	SCHED	07/16/2021 23:12:30	2	104	502	292	065:03:14.99 N	096:11:06.59 W
Summer	C-GLYF	530	SCHED	07/16/2021 23:14:43	3	109	421	290	065:04:35.99 N	096:19:18.00 W
Summer	C-GLYF	530	SCHED	07/16/2021 23:16:51	4	0	136	22	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	530	ARRIVAL	07/16/2021 23:17:18	1	0	135	22	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	530	XML_FLIGHT_SUMMARY	07/16/2021 23:17:19	0	0	0	0		
Summer	C-GLYF	530	SCHED	07/16/2021 23:21:57	5	0	116	22	065:05:31.19 N	096:24:15.59 W
Summer	C-GLYF	530	SCHED	07/16/2021 23:24:03	6	0	117	22	065:05:31.19 N	096:24:15.59 W
Summer	C-GLYF	530	SCHED	07/16/2021 23:26:14	7	0	119	22	065:05:31.19 N	096:24:15.59 W
Summer	C-GLYF	530	SCHED	07/16/2021 23:28:26	8	0	120	22	065:05:31.19 N	096:24:15.59 W
Summer	C-GLYF	531	DEPARTURE	07/16/2021 23:31:16	2	74	188	74	065:05:46.19 N	096:23:59.39 W
Summer	C-GLYF	531	SCHED	07/16/2021 23:34:11	9	129	370	124	065:02:38.39 N	096:02:28.80 W
Summer	C-GLYF	531	ARRIVAL	07/16/2021 23:35:52	2	0	140	54	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	531	XML_FLIGHT_SUMMARY	07/16/2021 23:35:53	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	532	POWER_ON	07/17/2021 11:07:41	NA	NA	NA	NA		
Summer	C-GLYF	532	SCHED	07/17/2021 11:08:18	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:10:35	2	0	156	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	532	DEPARTURE	07/17/2021 11:11:00	1	73	171	319	065:01:39.00 N	096:04:53.99 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:13:08	3	98	519	293	065:03:13.79 N	096:11:01.80 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:15:16	4	107	439	290	065:04:31.80 N	096:18:52.80 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:17:26	5	0	163	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	532	ARRIVAL	07/17/2021 11:18:00	1	0	162	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	532	XML_FLIGHT_SUMMARY	07/17/2021 11:18:01	0	0	0	0		
Summer	C-GLYF	532	SCHED	07/17/2021 11:20:19	6	0	155	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:22:28	7	0	153	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:24:35	8	0	151	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:26:47	9	0	150	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:29:06	10	0	146	40	065:05:31.19 N	096:24:16.80 W
Summer	C-GLYF	532	SCHED	07/17/2021 11:31:14	11	0	146	40	065:05:31.19 N	096:24:16.19 W
Summer	C-GLYF	533	DEPARTURE	07/17/2021 11:31:40	2	76	212	194	065:05:26.39 N	096:24:51.00 W
Summer	C-GLYF	533	SCHED	07/17/2021 11:33:49	12	113	573	105	065:04:06.60 N	096:17:07.80 W
Summer	C-GLYF	533	SCHED	07/17/2021 11:35:56	13	123	492	111	065:02:50.99 N	096:07:21.00 W
Summer	C-GLYF	533	SCHED	07/17/2021 11:38:10	14	0	141	49	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	533	ARRIVAL	07/17/2021 11:38:18	2	0	141	49	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	533	XML_FLIGHT_SUMMARY	07/17/2021 11:38:19	0	0	0	0		
Summer	C-GLYF	534	POWER_ON	07/17/2021 13:40:33	NA	NA	NA	NA		
Summer	C-GLYF	534	SCHED	07/17/2021 13:41:11	1	0	114	300	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	534	SCHED	07/17/2021 13:43:18	2	0	125	87	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	534	DEPARTURE	07/17/2021 13:44:11	1	82	184	323	065:01:39.00 N	096:04:54.59 W
Summer	C-GLYF	534	SCHED	07/17/2021 13:47:05	3	0	149	65	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	534	ARRIVAL	07/17/2021 13:47:30	1	0	148	65	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	534	SCHED	07/17/2021 13:49:38	4	53	169	304	065:01:54.60 N	096:09:43.20 W
Summer	C-GLYF	534	DEPARTURE	07/17/2021 13:51:24	2	69	202	304	065:02:00.60 N	096:10:06.00 W
Summer	C-GLYF	534	SCHED	07/17/2021 13:53:33	5	96	289	296	065:05:02.99 N	096:22:43.79 W
Summer	C-GLYF	534	SCHED	07/17/2021 13:55:48	6	49	181	49	065:05:37.19 N	096:23:45.60 W
Summer	C-GLYF	534	SCHED	07/17/2021 13:57:56	7	0	143	23	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	534	ARRIVAL	07/17/2021 13:58:48	2	0	142	23	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	534	XML_FLIGHT_SUMMARY	07/17/2021 13:58:49	0	0	0	0		
Summer	C-GLYF	535	DEPARTURE	07/17/2021 13:59:27	3	76	198	67	065:05:42.60 N	096:23:37.19 W
Summer	C-GLYF	535	SCHED	07/17/2021 14:01:37	8	123	335	125	065:03:37.80 N	096:15:53.39 W
Summer	C-GLYF	535	SCHED	07/17/2021 14:03:53	9	0	142	345	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	535	ARRIVAL	07/17/2021 14:04:28	3	0	140	345	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	535	XML_FLIGHT_SUMMARY	07/17/2021 14:04:29	0	0	0	0		
Summer	C-GLYF	535	SCHED	07/17/2021 14:06:49	10	0	140	345	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	535	SCHED	07/17/2021 14:08:56	11	0	181	6	065:01:52.19 N	096:09:28.80 W
Summer	C-GLYF	536	DEPARTURE	07/17/2021 14:09:48	4	59	257	297	065:02:02.40 N	096:09:57.60 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:11:57	12	88	394	301	065:03:16.79 N	096:15:49.79 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:14:08	13	83	319	290	065:04:52.19 N	096:22:06.00 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:16:14	14	0	183	40	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:18:28	15	92	376	116	065:04:49.19 N	096:19:53.99 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:20:36	16	97	434	117	065:03:11.99 N	096:12:25.80 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:22:48	17	81	344	129	065:01:31.79 N	096:05:37.80 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:24:57	18	0	185	91	065:01:19.79 N	096:04:27.60 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:27:06	19	61	239	316	065:01:29.39 N	096:04:50.40 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:29:15	20	4	208	292	065:01:54.60 N	096:09:26.39 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:31:25	21	54	347	298	065:02:22.20 N	096:11:32.99 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:34:20	22	59	424	301	065:03:36.00 N	096:16:46.80 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:36:27	23	59	371	303	065:04:46.80 N	096:21:34.19 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:38:36	24	38	234	153	065:05:43.19 N	096:23:25.20 W
Summer	C-GLYF	536	SCHED	07/17/2021 14:40:44	25	48	200	248	065:05:24.00 N	096:24:11.99 W
Summer	C-GLYF	536	ARRIVAL	07/17/2021 14:42:49	4	0	152	20	065:05:12.60 N	096:24:42.60 W
Summer	C-GLYF	536	XML_FLIGHT_SUMMARY	07/17/2021 14:42:50	0	0	0	0		
Summer	C-GLYF	536	SCHED	07/17/2021 14:43:05	26	20	153	75	065:05:12.60 N	096:24:41.40 W
Summer	C-GLYF	537	DEPARTURE	07/17/2021 14:43:15	5	86	183	50	065:05:22.19 N	096:23:59.39 W
Summer	C-GLYF	537	ARRIVAL	07/17/2021 14:45:15	5	0	151	279	065:05:41.99 N	096:23:45.00 W
Summer	C-GLYF	537	SCHED	07/17/2021 14:47:26	27	40	261	41	065:05:50.99 N	096:23:50.40 W
Summer	C-GLYF	537	DEPARTURE	07/17/2021 14:47:38	6	47	274	64	065:05:52.80 N	096:23:45.00 W
Summer	C-GLYF	537	SCHED	07/17/2021 14:49:54	28	0	183	15	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	537	SCHED	07/17/2021 14:52:54	29	103	380	126	065:03:11.99 N	096:15:04.79 W
Summer	C-GLYF	537	SCHED	07/17/2021 14:55:01	30	0	187	6	065:01:55.19 N	096:09:26.39 W
Summer	C-GLYF	537	SCHED	07/17/2021 14:57:07	31	76	361	301	065:02:54.00 N	096:13:25.80 W
Summer	C-GLYF	537	SCHED	07/17/2021 14:59:14	32	82	376	301	065:04:19.79 N	096:19:04.79 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:01:21	33	12	208	325	065:05:34.80 N	096:23:41.40 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:03:30	34	99	361	123	065:04:11.99 N	096:18:17.39 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:05:43	35	102	292	125	065:02:13.80 N	096:11:13.80 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:07:51	36	62	269	302	065:02:08.99 N	096:10:10.20 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:09:58	37	57	333	299	065:03:10.20 N	096:14:40.79 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:12:03	38	64	308	298	065:04:18.00 N	096:19:19.79 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:14:09	39	42	201	323	065:05:28.19 N	096:23:31.19 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:16:19	40	96	278	122	065:05:14.39 N	096:22:13.20 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:18:31	41	106	430	124	065:03:09.59 N	096:14:34.20 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:20:38	42	0	187	357	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	537	SCHED	07/17/2021 15:22:53	43	106	379	124	065:02:27.60 N	096:05:48.60 W
Summer	C-GLYF	537	ARRIVAL	07/17/2021 15:24:57	6	0	137	309	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	537	XML_FLIGHT_SUMMARY	07/17/2021 15:24:58	0	0	0	0		
Summer	C-GLYF	537	SCHED	07/17/2021 15:25:06	44	0	137	309	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	538	POWER_ON	07/17/2021 15:54:28	NA	NA	NA	NA		
Summer	C-GLYF	538	SCHED	07/17/2021 15:55:05	1	0	140	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	538	DEPARTURE	07/17/2021 15:56:47	1	79	204	320	065:01:39.00 N	096:04:48.60 W
Summer	C-GLYF	538	SCHED	07/17/2021 15:58:56	2	98	676	324	065:04:25.20 N	096:09:21.60 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:01:07	3	107	728	323	065:07:18.59 N	096:14:36.00 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:03:14	4	105	707	326	065:10:25.80 N	096:19:51.60 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:05:23	5	111	726	325	065:13:32.99 N	096:24:45.60 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:07:32	6	108	741	324	065:16:42.00 N	096:30:05.39 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:09:40	7	114	635	327	065:19:56.99 N	096:35:22.19 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:12:03	8	83	322	338	065:23:19.19 N	096:39:45.00 W
Summer	C-GLYF	538	ARRIVAL	07/17/2021 16:13:29	1	0	160	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	538	XML_FLIGHT_SUMMARY	07/17/2021 16:13:30	0	0	0	0		
Summer	C-GLYF	538	SCHED	07/17/2021 16:15:41	9	0	154	347	065:23:54.59 N	096:40:28.19 W
Summer	C-GLYF	538	SCHED	07/17/2021 16:17:49	10	0	154	347	065:23:54.59 N	096:40:28.19 W
Summer	C-GLYF	539	DEPARTURE	07/17/2021 16:19:53	2	72	212	170	065:23:34.79 N	096:40:30.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	539	SCHED	07/17/2021 16:22:01	11	112	713	145	065:20:39.00 N	096:35:18.00 W
Summer	C-GLYF	539	SCHED	07/17/2021 16:24:21	12	127	731	140	065:17:08.99 N	096:29:17.39 W
Summer	C-GLYF	539	SCHED	07/17/2021 16:27:37	13	126	667	142	065:12:34.20 N	096:20:49.19 W
Summer	C-GLYF	539	SCHED	07/17/2021 16:30:32	14	122	659	144	065:07:09.00 N	096:11:23.40 W
Summer	C-GLYF	539	SCHED	07/17/2021 16:32:50	15	123	457	150	065:03:02.40 N	096:04:52.19 W
Summer	C-GLYF	539	SCHED	07/17/2021 16:34:57	16	0	133	241	065:01:23.99 N	096:04:13.20 W
Summer	C-GLYF	539	ARRIVAL	07/17/2021 16:35:51	2	0	129	241	065:01:23.99 N	096:04:13.20 W
Summer	C-GLYF	539	XML_FLIGHT_SUMMARY	07/17/2021 16:35:52	0	0	0	0		
Summer	C-GLYF	539	SCHED	07/17/2021 16:37:59	17	0	115	241	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	540	DEPARTURE	07/17/2021 16:39:09	3	79	215	309	065:01:36.59 N	096:04:57.60 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:42:46	18	0	148	60	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	540	ARRIVAL	07/17/2021 16:42:54	3	0	148	60	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:45:01	19	0	186	351	065:01:55.19 N	096:09:25.80 W
Summer	C-GLYF	540	DEPARTURE	07/17/2021 16:46:20	4	52	253	297	065:02:04.79 N	096:09:54.59 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:48:33	20	49	312	297	065:02:55.80 N	096:14:00.00 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:50:48	21	51	328	304	065:03:49.79 N	096:17:39.59 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:52:56	22	55	346	305	065:04:53.99 N	096:21:10.20 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:55:08	23	2	179	310	065:05:35.39 N	096:23:40.80 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:57:16	24	11	182	340	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	540	SCHED	07/17/2021 16:59:29	25	0	145	307	065:05:39.00 N	096:23:42.60 W
Summer	C-GLYF	540	ARRIVAL	07/17/2021 17:00:26	4	0	146	28	065:05:39.00 N	096:23:42.60 W
Summer	C-GLYF	540	XML_FLIGHT_SUMMARY	07/17/2021 17:00:27	0	0	0	0		
Summer	C-GLYF	541	DEPARTURE	07/17/2021 17:01:27	5	98	226	128	065:05:30.59 N	096:22:58.20 W
Summer	C-GLYF	541	SCHED	07/17/2021 17:05:19	26	88	279	114	065:01:40.80 N	096:09:56.39 W
Summer	C-GLYF	541	SCHED	07/17/2021 17:07:26	27	74	294	297	065:02:12.60 N	096:10:40.80 W
Summer	C-GLYF	541	SCHED	07/17/2021 17:09:42	28	71	321	303	065:03:28.20 N	096:15:36.59 W
Summer	C-GLYF	541	SCHED	07/17/2021 17:11:50	29	74	288	298	065:04:53.40 N	096:21:00.60 W
Summer	C-GLYF	541	SCHED	07/17/2021 17:14:03	30	1	178	223	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	541	XML_OVERDUE_REPORT	07/17/2021 17:21:19	0	0	0	0		
Summer	C-GLYF	541	XML_FLIGHT_SUMMARY	07/17/2021 17:24:51	0	0	0	0		
Summer	C-GLYF	542	POWER_ON	07/17/2021 17:24:50	NA	NA	NA	NA		
Summer	C-GLYF	542	DEPARTURE	07/17/2021 17:26:16	1	72	222	204	065:05:31.19 N	096:24:24.59 W
Summer	C-GLYF	542	SCHED	07/17/2021 17:26:32	1	90	288	155	065:05:15.00 N	096:24:19.79 W
Summer	C-GLYF	542	SCHED	07/17/2021 17:28:39	2	123	476	106	065:03:39.60 N	096:14:38.40 W
Summer	C-GLYF	542	SCHED	07/17/2021 17:30:51	3	104	303	125	065:01:49.19 N	096:05:28.80 W
Summer	C-GLYF	542	ARRIVAL	07/17/2021 17:32:25	1	0	137	215	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	542	XML_FLIGHT_SUMMARY	07/17/2021 17:32:26	0	0	0	0		
Summer	C-GLYF	543	POWER_ON	07/17/2021 18:00:48	NA	NA	NA	NA		
Summer	C-GLYF	543	SCHED	07/17/2021 18:03:08	1	9	150	213	065:01:25.20 N	096:04:12.60 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:05:15	2	0	139	286	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	543	POWER_ON	07/17/2021 18:23:37	NA	NA	NA	NA		
Summer	C-GLYF	543	SCHED	07/17/2021 18:24:18	1	0	144	102	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	543	DEPARTURE	07/17/2021 18:26:24	1	66	212	325	065:01:34.20 N	096:04:48.00 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:28:34	2	93	503	319	065:04:14.40 N	096:09:04.19 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:30:48	3	101	569	322	065:07:06.59 N	096:14:01.80 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:33:02	4	104	585	322	065:10:23.39 N	096:19:29.39 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:35:12	5	105	600	322	065:13:25.79 N	096:24:52.19 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:37:20	6	107	601	323	065:16:33.00 N	096:30:05.39 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:39:32	7	110	539	329	065:19:52.19 N	096:35:02.99 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:41:40	8	87	297	327	065:23:20.39 N	096:39:40.20 W
Summer	C-GLYF	543	ARRIVAL	07/17/2021 18:43:17	1	0	160	355	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	543	XML_FLIGHT_SUMMARY	07/17/2021 18:43:18	0	0	0	0		
Summer	C-GLYF	543	SCHED	07/17/2021 18:45:25	9	0	156	355	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:47:34	10	0	151	355	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	543	SCHED	07/17/2021 18:51:12	11	0	148	355	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	544	DEPARTURE	07/17/2021 18:52:48	2	60	198	260	065:23:41.99 N	096:40:51.00 W
Summer	C-GLYF	544	SCHED	07/17/2021 18:54:54	12	93	466	305	065:24:33.60 N	096:47:03.00 W
Summer	C-GLYF	544	SCHED	07/17/2021 18:57:13	13	3	151	358	065:25:13.19 N	096:48:46.19 W
Summer	C-GLYF	544	ARRIVAL	07/17/2021 18:58:04	2	0	148	43	065:25:13.19 N	096:48:46.19 W
Summer	C-GLYF	544	XML_FLIGHT_SUMMARY	07/17/2021 18:58:05	0	0	0	0		
Summer	C-GLYF	544	SCHED	07/17/2021 19:00:16	14	0	149	43	065:25:13.19 N	096:48:46.19 W
Summer	C-GLYF	545	DEPARTURE	07/17/2021 19:01:31	3	85	241	146	065:24:55.20 N	096:48:59.40 W
Summer	C-GLYF	545	SCHED	07/17/2021 19:03:38	15	121	349	86	065:23:00.59 N	096:41:08.99 W
Summer	C-GLYF	545	ARRIVAL	07/17/2021 19:05:31	3	0	166	15	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	545	XML_FLIGHT_SUMMARY	07/17/2021 19:05:32	0	0	0	0		
Summer	C-GLYF	546	POWER_ON	07/17/2021 20:19:46	NA	NA	NA	NA		
Summer	C-GLYF	546	SCHED	07/17/2021 20:21:19	1	0	156	24	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	546	DEPARTURE	07/17/2021 20:22:13	1	76	216	252	065:23:37.80 N	096:40:53.40 W
Summer	C-GLYF	546	SCHED	07/17/2021 20:24:21	2	81	277	298	065:24:48.59 N	096:48:05.99 W
Summer	C-GLYF	546	ARRIVAL	07/17/2021 20:26:05	1	0	142	98	065:25:12.00 N	096:48:46.19 W
Summer	C-GLYF	546	XML_FLIGHT_SUMMARY	07/17/2021 20:26:06	0	0	0	0		
Summer	C-GLYF	547	POWER_ON	07/17/2021 20:39:01	NA	NA	NA	NA		
Summer	C-GLYF	547	SCHED	07/17/2021 20:39:54	1	0	146	239	065:25:12.00 N	096:48:46.19 W
Summer	C-GLYF	547	DEPARTURE	07/17/2021 20:40:56	1	75	208	199	065:25:02.39 N	096:49:24.59 W
Summer	C-GLYF	547	SCHED	07/17/2021 20:43:20	2	115	325	91	065:23:08.39 N	096:41:58.80 W
Summer	C-GLYF	547	ARRIVAL	07/17/2021 20:45:07	1	0	157	9	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	547	XML_FLIGHT_SUMMARY	07/17/2021 20:45:08	0	0	0	0		
Summer	C-GLYF	547	SCHED	07/17/2021 20:48:05	3	25	167	188	065:23:52.79 N	096:40:28.79 W
Summer	C-GLYF	548	DEPARTURE	07/17/2021 20:48:14	2	84	212	180	065:23:31.80 N	096:40:31.79 W
Summer	C-GLYF	548	SCHED	07/17/2021 20:50:28	4	126	497	148	065:19:55.19 N	096:35:08.40 W
Summer	C-GLYF	548	SCHED	07/17/2021 20:52:39	5	126	536	144	065:16:05.99 N	096:28:44.39 W
Summer	C-GLYF	548	SCHED	07/17/2021 20:55:43	6	128	604	145	065:11:35.99 N	096:20:28.20 W
Summer	C-GLYF	548	SCHED	07/17/2021 20:57:58	7	130	548	147	065:07:04.20 N	096:12:51.59 W
Summer	C-GLYF	548	SCHED	07/17/2021 21:00:12	8	132	328	143	065:02:59.40 N	096:05:54.59 W
Summer	C-GLYF	548	SCHED	07/17/2021 21:02:23	9	0	135	211	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	548	ARRIVAL	07/17/2021 21:02:30	2	0	135	211	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	548	XML_FLIGHT_SUMMARY	07/17/2021 21:02:31	0	0	0	0		
Summer	C-GLYF	549	POWER_ON	07/17/2021 22:32:44	NA	NA	NA	NA		
Summer	C-GLYF	549	SCHED	07/17/2021 22:33:40	1	0	141	336	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	549	DEPARTURE	07/17/2021 22:35:19	1	70	205	322	065:01:40.80 N	096:04:48.60 W
Summer	C-GLYF	549	SCHED	07/17/2021 22:37:31	2	99	435	291	065:03:16.79 N	096:10:59.39 W
Summer	C-GLYF	549	SCHED	07/17/2021 22:40:28	3	97	443	286	065:04:53.99 N	096:21:06.00 W
Summer	C-GLYF	549	ARRIVAL	07/17/2021 22:42:28	1	0	139	33	065:05:31.80 N	096:24:15.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	549	XML_FLIGHT_SUMMARY	07/17/2021 22:42:29	0	0	0	0		
Summer	C-GLYF	549	SCHED	07/17/2021 22:44:33	4	0	139	33	065:05:31.80 N	096:24:15.00 W
Summer	C-GLYF	549	SCHED	07/17/2021 22:46:40	5	1	155	177	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	550	DEPARTURE	07/17/2021 22:48:22	2	72	271	85	065:05:41.99 N	096:23:52.80 W
Summer	C-GLYF	550	SCHED	07/17/2021 22:53:15	6	106	540	116	065:03:02.99 N	096:08:18.59 W
Summer	C-GLYF	550	SCHED	07/17/2021 22:55:25	7	0	186	67	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	550	SCHED	07/17/2021 22:58:26	8	31	176	71	065:01:27.60 N	096:04:26.99 W
Summer	C-GLYF	550	ARRIVAL	07/17/2021 22:59:52	2	0	148	67	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	550	XML_FLIGHT_SUMMARY	07/17/2021 22:59:53	0	0	0	0		
Summer	C-GLYF	550	SCHED	07/17/2021 23:02:00	9	0	149	67	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	551	DEPARTURE	07/17/2021 23:03:36	3	67	224	322	065:01:39.59 N	096:04:49.19 W
Summer	C-GLYF	551	SCHED	07/17/2021 23:05:42	10	104	482	289	065:03:16.79 N	096:10:44.39 W
Summer	C-GLYF	551	XML_FLIGHT_SUMMARY	07/17/2021 23:07:08	0	0	0	0		
Summer	C-GLYF	552	POWER_ON	07/17/2021 23:07:07	NA	NA	NA	NA		
Summer	C-GLYF	552	SCHED	07/17/2021 23:07:57	1	102	434	289	065:04:21.59 N	096:17:47.39 W
Summer	C-GLYF	552	DEPARTURE	07/17/2021 23:08:07	1	100	0	293	065:03:58.80 N	096:15:17.39 W
Summer	C-GLYF	552	SCHED	07/17/2021 23:10:25	2	0	139	26	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	552	ARRIVAL	07/17/2021 23:11:22	1	0	137	26	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	552	XML_FLIGHT_SUMMARY	07/17/2021 23:11:23	0	0	0	0		
Summer	C-GLYF	552	SCHED	07/17/2021 23:14:17	3	0	131	26	065:05:31.19 N	096:24:15.59 W
Summer	C-GLYF	552	SCHED	07/17/2021 23:16:23	4	0	134	348	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	552	SCHED	07/17/2021 23:18:34	5	0	134	348	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	552	SCHED	07/17/2021 23:20:41	6	0	136	348	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	553	DEPARTURE	07/17/2021 23:22:38	2	76	227	81	065:05:45.00 N	096:24:07.80 W
Summer	C-GLYF	553	SCHED	07/17/2021 23:24:45	7	125	461	108	065:04:05.40 N	096:14:30.60 W
Summer	C-GLYF	553	SCHED	07/17/2021 23:27:44	8	66	203	100	065:01:20.99 N	096:04:49.19 W
Summer	C-GLYF	553	ARRIVAL	07/17/2021 23:28:39	2	0	145	95	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	553	XML_FLIGHT_SUMMARY	07/17/2021 23:28:40	0	0	0	0		
Summer	C-GLYF	554	POWER_ON	07/18/2021 11:09:44	NA	NA	NA	NA		
Summer	C-GLYF	554	SCHED	07/18/2021 11:10:24	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	554	SCHED	07/18/2021 11:12:46	2	7	175	311	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	554	DEPARTURE	07/18/2021 11:12:54	1	67	175	311	065:01:37.80 N	096:04:52.19 W
Summer	C-GLYF	554	SCHED	07/18/2021 11:15:02	3	87	408	290	065:03:07.20 N	096:10:09.00 W
Summer	C-GLYF	554	SCHED	07/18/2021 11:17:10	4	98	480	292	065:04:16.20 N	096:17:40.80 W
Summer	C-GLYF	554	SCHED	07/18/2021 11:19:20	5	44	294	301	065:05:27.00 N	096:24:02.39 W
Summer	C-GLYF	554	ARRIVAL	07/18/2021 11:20:56	1	0	208	330	065:05:31.80 N	096:24:17.39 W
Summer	C-GLYF	554	XML_FLIGHT_SUMMARY	07/18/2021 11:20:57	0	0	0	0		
Summer	C-GLYF	555	POWER_ON	07/18/2021 11:37:42	NA	NA	NA	NA		
Summer	C-GLYF	555	SCHED	07/18/2021 11:38:19	1	0	142	46	065:05:31.80 N	096:24:15.59 W
Summer	C-GLYF	555	DEPARTURE	07/18/2021 11:39:39	1	87	200	87	065:05:45.60 N	096:23:55.79 W
Summer	C-GLYF	555	SCHED	07/18/2021 11:42:31	2	135	523	103	065:03:40.80 N	096:11:08.99 W
Summer	C-GLYF	555	SCHED	07/18/2021 11:44:37	3	19	142	244	065:01:25.20 N	096:04:10.79 W
Summer	C-GLYF	555	ARRIVAL	07/18/2021 11:45:36	1	0	133	264	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	555	XML_FLIGHT_SUMMARY	07/18/2021 11:45:37	0	0	0	0		
Summer	C-GLYF	556	POWER_ON	07/18/2021 12:18:43	NA	NA	NA	NA		
Summer	C-GLYF	556	SCHED	07/18/2021 12:19:21	1	0	132	77	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	556	SCHED	07/18/2021 12:21:28	2	0	133	185	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	556	POWER_ON	07/18/2021 15:30:00	NA	NA	NA	NA		
Summer	C-GLYF	556	SCHED	07/18/2021 15:30:43	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	556	DEPARTURE	07/18/2021 15:32:36	1	74	211	327	065:01:38.39 N	096:04:54.59 W
Summer	C-GLYF	556	SCHED	07/18/2021 15:35:29	2	105	119	297	065:03:31.80 N	096:13:30.00 W
Summer	C-GLYF	556	SCHED	07/18/2021 15:37:39	3	92	246	294	065:05:20.40 N	096:22:58.20 W
Summer	C-GLYF	556	ARRIVAL	07/18/2021 15:39:12	1	0	162	299	065:05:31.80 N	096:24:11.39 W
Summer	C-GLYF	556	XML_FLIGHT_SUMMARY	07/18/2021 15:39:13	0	0	0	0		
Summer	C-GLYF	557	POWER_ON	07/18/2021 16:00:42	NA	NA	NA	NA		
Summer	C-GLYF	557	SCHED	07/18/2021 16:01:24	1	0	146	312	065:05:31.19 N	096:24:11.39 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:03:32	2	2	179	263	065:05:31.19 N	096:24:12.60 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:05:43	3	25	228	245	065:05:32.39 N	096:24:42.60 W
Summer	C-GLYF	557	DEPARTURE	07/18/2021 16:06:19	1	42	240	135	065:05:19.79 N	096:24:42.60 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:08:28	4	30	156	273	065:05:30.00 N	096:24:04.79 W
Summer	C-GLYF	557	ARRIVAL	07/18/2021 16:09:29	1	0	137	312	065:05:31.19 N	096:24:11.99 W
Summer	C-GLYF	557	DEPARTURE	07/18/2021 16:11:03	2	86	203	164	065:05:24.00 N	096:24:36.60 W
Summer	C-GLYF	557	ARRIVAL	07/18/2021 16:12:57	2	0	137	305	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:15:04	5	0	146	163	065:05:33.60 N	096:23:40.80 W
Summer	C-GLYF	557	DEPARTURE	07/18/2021 16:17:15	3	79	206	115	065:05:18.00 N	096:24:10.20 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:19:22	6	0	161	274	065:05:31.19 N	096:24:14.39 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:21:33	7	1	160	286	065:05:34.80 N	096:23:41.40 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:24:36	8	1	163	303	065:05:34.80 N	096:23:41.99 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:26:46	9	35	168	255	065:05:32.39 N	096:23:58.79 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:28:54	10	10	180	266	065:05:34.80 N	096:23:39.59 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:31:03	11	75	219	81	065:05:19.20 N	096:23:57.60 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:33:30	12	2	176	286	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:35:40	13	31	204	293	065:05:34.19 N	096:23:22.80 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:37:50	14	0	177	285	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:40:00	15	3	182	274	065:05:34.80 N	096:23:40.80 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:42:10	16	61	232	179	065:05:24.00 N	096:24:37.19 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:44:18	17	10	179	254	065:05:31.80 N	096:24:13.20 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:46:24	18	6	180	281	065:05:35.39 N	096:23:40.20 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:49:19	19	64	249	86	065:05:14.39 N	096:23:59.39 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:51:34	20	3	183	261	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:53:42	21	23	181	250	065:05:34.80 N	096:23:43.79 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:55:52	22	32	202	271	065:05:34.80 N	096:23:32.40 W
Summer	C-GLYF	557	SCHED	07/18/2021 16:58:01	23	0	180	248	065:05:33.00 N	096:24:10.20 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:00:12	24	38	236	286	065:05:39.60 N	096:23:17.39 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:02:19	25	1	182	240	065:05:31.80 N	096:24:12.60 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:04:32	26	1	179	229	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:06:41	27	12	230	285	065:05:35.99 N	096:23:38.99 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:08:50	28	1	176	279	065:05:31.19 N	096:24:14.39 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:10:59	29	105	452	108	065:04:19.20 N	096:18:17.39 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:13:08	30	103	470	112	065:03:18.00 N	096:09:52.80 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:15:16	31	15	217	198	065:01:22.79 N	096:04:27.60 W
Summer	C-GLYF	557	SCHED	07/18/2021 17:17:30	32	3	158	333	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	557	ARRIVAL	07/18/2021 17:19:38	3	0	142	24	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	557	XML_FLIGHT_SUMMARY	07/18/2021 17:19:39	0	0	0	0		
Summer	C-GLYF	557	SCHED	07/18/2021 17:19:46	33	0	141	24	065:01:25.20 N	096:04:15.00 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	558	POWER_ON	07/18/2021 17:46:47	NA	NA	NA	NA		
Summer	C-GLYF	558	SCHED	07/18/2021 17:47:38	1	0	143	74	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	558	SCHED	07/18/2021 17:50:21	2	51	201	292	065:01:27.00 N	096:04:26.99 W
Summer	C-GLYF	558	DEPARTURE	07/18/2021 17:50:27	1	73	239	316	065:01:34.20 N	096:04:52.80 W
Summer	C-GLYF	558	SCHED	07/18/2021 17:52:34	3	27	240	289	065:01:52.80 N	096:09:12.60 W
Summer	C-GLYF	558	SCHED	07/18/2021 17:54:41	4	49	311	284	065:02:11.40 N	096:11:19.19 W
Summer	C-GLYF	558	SCHED	07/18/2021 17:56:56	5	46	306	314	065:02:39.00 N	096:14:42.00 W
Summer	C-GLYF	558	SCHED	07/18/2021 17:59:49	6	45	288	311	065:03:58.80 N	096:18:49.19 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:01:57	7	46	281	315	065:05:08.40 N	096:22:23.99 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:04:17	8	1	174	34	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:06:37	9	75	241	52	065:05:24.59 N	096:23:25.80 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:08:52	10	1	183	270	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:11:00	11	0	176	280	065:05:35.39 N	096:23:42.60 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:13:08	12	39	210	283	065:05:34.80 N	096:23:26.99 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:15:25	13	71	200	139	065:05:23.39 N	096:24:07.80 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:17:39	14	45	195	203	065:05:28.19 N	096:24:21.00 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:19:50	15	0	171	247	065:05:31.19 N	096:24:14.39 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:22:02	16	2	174	247	065:05:34.80 N	096:23:41.99 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:24:19	17	80	247	71	065:05:18.59 N	096:23:35.40 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:26:26	18	0	176	245	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:28:36	19	4	180	246	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:30:43	20	17	199	270	065:05:34.80 N	096:23:39.59 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:32:53	21	37	220	304	065:05:38.39 N	096:23:34.79 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:35:02	22	1	182	334	065:05:41.39 N	096:23:43.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:37:09	23	6	189	280	065:05:40.80 N	096:23:42.60 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:39:22	24	42	212	257	065:05:42.60 N	096:23:31.19 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:41:32	25	82	218	74	065:05:19.20 N	096:23:46.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:43:42	26	35	193	190	065:05:30.00 N	096:24:15.59 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:45:48	27	0	180	261	065:05:31.80 N	096:24:13.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:47:56	28	7	175	276	065:05:30.59 N	096:24:10.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:50:09	29	1	185	270	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:52:21	30	71	241	87	065:05:20.40 N	096:24:00.60 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:54:31	31	1	175	315	065:05:31.80 N	096:24:13.80 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:56:40	32	2	162	97	065:05:34.80 N	096:23:40.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 18:58:48	33	1	175	290	065:05:35.39 N	096:23:40.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:00:54	34	90	382	121	065:04:24.00 N	096:19:33.59 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:03:00	35	95	416	121	065:02:43.80 N	096:12:43.79 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:05:10	36	0	186	278	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:07:17	37	71	316	301	065:02:24.59 N	096:12:05.40 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:09:24	38	72	343	299	065:03:44.39 N	096:17:23.40 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:11:32	39	73	309	320	065:05:16.79 N	096:22:29.39 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:13:39	40	0	174	298	065:05:35.39 N	096:23:40.20 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:15:50	41	0	178	272	065:05:33.60 N	096:23:41.40 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:18:08	42	6	182	285	065:05:35.39 N	096:23:40.80 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:20:17	43	94	449	116	065:04:08.99 N	096:18:04.19 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:22:28	44	97	366	122	065:02:28.79 N	096:10:34.19 W
Summer	C-GLYF	558	SCHED	07/18/2021 19:24:37	45	1	176	313	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	558	ARRIVAL	07/18/2021 19:25:46	1	0	151	147	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	558	XML_FLIGHT_SUMMARY	07/18/2021 19:25:47	0	0	0	0		
Summer	C-GLYF	559	POWER_ON	07/18/2021 19:53:41	NA	NA	NA	NA		
Summer	C-GLYF	559	SCHED	07/18/2021 19:55:01	1	0	140	0	065:01:50.39 N	096:09:30.60 W
Summer	C-GLYF	559	SCHED	07/18/2021 19:57:07	2	0	175	348	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	559	DEPARTURE	07/18/2021 19:58:18	1	58	252	296	065:02:01.80 N	096:10:00.60 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:00:26	3	72	366	297	065:03:11.99 N	096:15:34.79 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:02:37	4	77	368	312	065:04:40.20 N	096:20:48.00 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:04:46	5	0	168	248	065:05:34.80 N	096:23:40.80 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:06:56	6	96	381	116	065:04:53.40 N	096:20:28.80 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:09:04	7	103	419	120	065:03:13.20 N	096:12:54.00 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:11:16	8	3	194	328	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:14:07	9	101	346	301	065:02:45.00 N	096:12:45.00 W
Summer	C-GLYF	559	SCHED	07/18/2021 20:16:17	10	103	462	309	065:04:51.60 N	096:20:31.19 W
Summer	C-GLYF	559	ARRIVAL	07/18/2021 20:18:25	1	0	136	305	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	559	XML_FLIGHT_SUMMARY	07/18/2021 20:18:26	0	0	0	0		
Summer	C-GLYF	559	SCHED	07/18/2021 20:18:34	11	0	136	305	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	560	DEPARTURE	07/18/2021 20:19:58	2	75	214	184	065:05:23.39 N	096:24:07.80 W
Summer	C-GLYF	560	SCHED	07/18/2021 20:22:12	12	128	479	104	065:03:52.80 N	096:14:28.79 W
Summer	C-GLYF	560	SCHED	07/18/2021 20:24:19	13	116	350	125	065:02:01.80 N	096:04:04.20 W
Summer	C-GLYF	560	ARRIVAL	07/18/2021 20:26:08	2	0	140	242	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	560	XML_FLIGHT_SUMMARY	07/18/2021 20:26:09	0	0	0	0		
Summer	C-GLYF	561	POWER_ON	07/18/2021 23:08:00	NA	NA	NA	NA		
Summer	C-GLYF	561	SCHED	07/18/2021 23:08:49	1	1	137	246	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	561	DEPARTURE	07/18/2021 23:10:50	1	64	191	312	065:01:34.20 N	096:04:51.60 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:12:56	2	86	443	281	065:02:50.99 N	096:10:10.20 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:15:07	3	95	441	296	065:04:02.40 N	096:17:03.60 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:17:17	4	44	175	305	065:05:32.39 N	096:23:23.99 W
Summer	C-GLYF	561	ARRIVAL	07/18/2021 23:18:22	1	0	136	3	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	561	XML_FLIGHT_SUMMARY	07/18/2021 23:18:23	0	0	0	0		
Summer	C-GLYF	561	SCHED	07/18/2021 23:20:36	5	0	137	3	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:22:46	6	0	137	3	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:24:53	7	0	137	3	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:27:04	8	0	137	3	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:29:14	9	0	136	3	065:05:34.80 N	096:23:37.19 W
Summer	C-GLYF	561	SCHED	07/18/2021 23:31:23	10	0	135	3	065:05:34.80 N	096:23:37.19 W
Summer	C-GLYF	562	DEPARTURE	07/18/2021 23:32:33	2	81	198	201	065:05:28.80 N	096:24:19.79 W
Summer	C-GLYF	562	SCHED	07/18/2021 23:34:46	11	135	461	104	065:04:00.60 N	096:15:20.40 W
Summer	C-GLYF	562	SCHED	07/18/2021 23:36:55	12	128	449	123	065:02:09.59 N	096:04:08.99 W
Summer	C-GLYF	562	ARRIVAL	07/18/2021 23:39:04	2	0	136	156	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	562	XML_FLIGHT_SUMMARY	07/18/2021 23:39:05	0	0	0	0		
Summer	C-GLYF	562	SCHED	07/18/2021 23:39:25	13	0	136	156	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	563	POWER_ON	07/19/2021 10:58:06	NA	NA	NA	NA		
Summer	C-GLYF	563	SCHED	07/19/2021 10:58:42	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:00:51	2	0	127	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	563	DEPARTURE	07/19/2021 11:01:25	1	82	209	325	065:01:39.59 N	096:04:53.99 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:03:31	3	101	443	291	065:03:16.20 N	096:11:10.20 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:05:36	4	106	371	295	065:04:34.19 N	096:19:14.39 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:07:48	5	0	132	322	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	563	ARRIVAL	07/19/2021 11:08:47	1	0	132	322	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	563	XML_FLIGHT_SUMMARY	07/19/2021 11:08:48	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	563	SCHED	07/19/2021 11:10:52	6	0	131	322	065:05:34.19 N	096:23:38.40 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:12:58	7	0	133	201	065:05:34.19 N	096:23:37.80 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:15:09	8	0	132	248	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:17:17	9	0	132	215	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:19:28	10	0	133	215	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:21:40	11	0	133	215	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:23:54	12	0	134	215	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	563	SCHED	07/19/2021 11:26:03	13	0	135	233	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	564	DEPARTURE	07/19/2021 11:27:21	2	85	254	167	065:05:17.39 N	096:24:00.00 W
Summer	C-GLYF	564	SCHED	07/19/2021 11:29:29	14	137	482	108	065:03:45.00 N	096:13:25.20 W
Summer	C-GLYF	564	SCHED	07/19/2021 11:31:38	15	102	305	159	065:01:47.39 N	096:03:32.39 W
Summer	C-GLYF	564	ARRIVAL	07/19/2021 11:33:08	2	0	136	201	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	564	XML_FLIGHT_SUMMARY	07/19/2021 11:33:09	0	0	0	0		
Summer	C-GLYF	565	DEPARTURE	07/19/2021 11:34:26	3	86	199	323	065:01:37.80 N	096:05:01.79 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:36:36	16	5	154	29	065:01:50.99 N	096:09:31.79 W
Summer	C-GLYF	565	ARRIVAL	07/19/2021 11:37:26	3	0	144	17	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:39:36	17	0	142	17	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	565	DEPARTURE	07/19/2021 11:41:25	4	64	250	294	065:01:58.19 N	096:10:11.39 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:43:37	18	77	368	300	065:03:15.59 N	096:15:36.59 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:45:52	19	78	351	306	065:05:04.20 N	096:21:14.39 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:48:00	20	4	187	289	065:05:34.19 N	096:23:39.59 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:50:08	21	87	334	100	065:05:01.79 N	096:22:01.79 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:53:03	22	92	485	105	065:03:56.40 N	096:12:45.00 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:55:10	23	85	395	157	065:02:01.80 N	096:05:36.00 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:57:21	24	1	182	96	065:01:20.40 N	096:04:28.80 W
Summer	C-GLYF	565	SCHED	07/19/2021 11:59:26	25	85	359	260	065:02:39.59 N	096:07:49.20 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:01:41	26	23	195	263	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:03:56	27	68	387	300	065:02:56.99 N	096:14:19.19 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:06:04	28	69	437	305	065:04:18.00 N	096:19:27.60 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:08:15	29	13	183	266	065:05:35.39 N	096:23:37.80 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:10:27	30	1	175	187	065:05:34.80 N	096:23:40.80 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:12:35	31	2	178	262	065:05:35.39 N	096:23:40.80 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:14:57	32	89	194	160	065:05:28.19 N	096:22:58.79 W
Summer	C-GLYF	565	SCHED	07/19/2021 12:18:01	33	129	419	113	065:02:40.20 N	096:11:50.40 W
Summer	C-GLYF	565	ARRIVAL	07/19/2021 12:19:56	4	0	148	351	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	565	XML_FLIGHT_SUMMARY	07/19/2021 12:19:57	0	0	0	0		
Summer	C-GLYF	566	POWER_ON	07/19/2021 12:35:47	NA	NA	NA	NA		
Summer	C-GLYF	566	SCHED	07/19/2021 12:36:39	1	0	151	0	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	566	DEPARTURE	07/19/2021 12:37:42	1	84	197	301	065:02:02.99 N	096:10:12.59 W
Summer	C-GLYF	566	SCHED	07/19/2021 12:39:50	2	97	385	303	065:03:49.19 N	096:17:15.60 W
Summer	C-GLYF	566	SCHED	07/19/2021 12:41:58	3	49	230	331	065:05:39.60 N	096:23:22.19 W
Summer	C-GLYF	566	SCHED	07/19/2021 12:44:07	4	0	140	49	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	566	ARRIVAL	07/19/2021 12:44:27	1	0	140	49	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	566	XML_FLIGHT_SUMMARY	07/19/2021 12:44:28	0	0	0	0		
Summer	C-GLYF	567	DEPARTURE	07/19/2021 12:44:59	2	54	173	266	065:05:30.59 N	096:23:48.60 W
Summer	C-GLYF	567	SCHED	07/19/2021 12:47:10	5	55	176	107	065:05:41.99 N	096:23:03.59 W
Summer	C-GLYF	567	ARRIVAL	07/19/2021 12:49:12	2	0	144	334	065:05:31.19 N	096:24:11.99 W
Summer	C-GLYF	567	SCHED	07/19/2021 12:49:20	6	0	144	334	065:05:31.19 N	096:24:11.99 W
Summer	C-GLYF	567	POWER_ON	07/19/2021 13:15:53	NA	NA	NA	NA		
Summer	C-GLYF	567	SCHED	07/19/2021 13:17:25	1	0	140	0	065:05:31.19 N	096:24:11.39 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:19:35	2	23	195	266	065:05:31.19 N	096:24:18.00 W
Summer	C-GLYF	567	DEPARTURE	07/19/2021 13:19:53	1	57	250	165	065:05:21.59 N	096:24:35.99 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:22:04	3	49	183	223	065:05:37.19 N	096:23:16.80 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:24:17	4	67	203	36	065:05:31.80 N	096:22:46.79 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:26:30	5	39	203	212	065:05:28.19 N	096:24:23.39 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:28:45	6	0	169	260	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:30:52	7	0	173	290	065:05:31.80 N	096:24:14.39 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:33:58	8	0	169	259	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:36:05	9	81	210	78	065:05:21.00 N	096:23:47.39 W
Summer	C-GLYF	567	SCHED	07/19/2021 13:38:19	10	3	163	224	065:05:42.60 N	096:23:11.99 W
Summer	C-GLYF	567	ARRIVAL	07/19/2021 13:39:46	1	0	146	303	065:05:31.19 N	096:24:11.99 W
Summer	C-GLYF	567	XML_FLIGHT_SUMMARY	07/19/2021 13:39:47	0	0	0	0		
Summer	C-GLYF	568	DEPARTURE	07/19/2021 13:41:00	2	76	221	128	065:05:19.79 N	096:24:22.19 W
Summer	C-GLYF	568	ARRIVAL	07/19/2021 13:42:47	2	0	149	270	065:05:42.60 N	096:23:11.39 W
Summer	C-GLYF	568	POWER_ON	07/19/2021 13:54:18	NA	NA	NA	NA		
Summer	C-GLYF	568	SCHED	07/19/2021 13:54:57	1	0	149	0	065:05:42.60 N	096:23:11.39 W
Summer	C-GLYF	568	SCHED	07/19/2021 13:57:10	2	0	144	319	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	568	POWER_ON	07/19/2021 14:11:46	NA	NA	NA	NA		
Summer	C-GLYF	568	SCHED	07/19/2021 14:12:24	1	0	149	0	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	568	DEPARTURE	07/19/2021 14:13:42	1	74	220	192	065:05:25.80 N	096:24:11.39 W
Summer	C-GLYF	568	SCHED	07/19/2021 14:15:51	2	127	405	117	065:03:22.79 N	096:15:30.60 W
Summer	C-GLYF	568	SCHED	07/19/2021 14:18:01	3	8	155	323	065:01:50.39 N	096:09:30.60 W
Summer	C-GLYF	568	ARRIVAL	07/19/2021 14:18:52	1	0	150	342	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	568	XML_FLIGHT_SUMMARY	07/19/2021 14:18:53	0	0	0	0		
Summer	C-GLYF	569	DEPARTURE	07/19/2021 14:19:51	2	86	213	32	065:02:10.79 N	096:09:23.39 W
Summer	C-GLYF	569	SCHED	07/19/2021 14:21:58	4	43	189	240	065:01:27.60 N	096:04:02.99 W
Summer	C-GLYF	569	ARRIVAL	07/19/2021 14:23:04	2	0	144	259	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	569	POWER_ON	07/19/2021 14:37:25	NA	NA	NA	NA		
Summer	C-GLYF	569	SCHED	07/19/2021 14:38:03	1	0	142	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	569	POWER_ON	07/19/2021 18:26:51	NA	NA	NA	NA		
Summer	C-GLYF	569	SCHED	07/19/2021 18:27:35	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	569	DEPARTURE	07/19/2021 18:29:33	1	64	195	344	065:01:37.80 N	096:04:48.00 W
Summer	C-GLYF	569	SCHED	07/19/2021 18:31:46	2	111	478	44	065:04:30.59 N	095:59:37.79 W
Summer	C-GLYF	569	SCHED	07/19/2021 18:34:02	3	1	141	277	065:05:52.80 N	095:57:18.00 W
Summer	C-GLYF	569	ARRIVAL	07/19/2021 18:35:10	1	0	138	277	065:05:52.80 N	095:57:18.00 W
Summer	C-GLYF	569	XML_FLIGHT_SUMMARY	07/19/2021 18:35:11	0	0	0	0		
Summer	C-GLYF	570	DEPARTURE	07/19/2021 18:36:46	2	73	185	274	065:05:52.19 N	095:58:04.19 W
Summer	C-GLYF	570	SCHED	07/19/2021 18:38:54	4	96	464	268	065:05:56.99 N	096:05:15.60 W
Summer	C-GLYF	570	SCHED	07/19/2021 18:41:07	5	99	427	264	065:05:45.60 N	096:13:26.99 W
Summer	C-GLYF	570	SCHED	07/19/2021 18:43:14	6	87	367	250	065:05:45.60 N	096:21:45.60 W
Summer	C-GLYF	570	ARRIVAL	07/19/2021 18:45:07	2	0	140	301	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	570	XML_FLIGHT_SUMMARY	07/19/2021 18:45:08	0	0	0	0		
Summer	C-GLYF	571	DEPARTURE	07/19/2021 18:46:08	3	76	203	352	065:05:53.99 N	096:23:50.99 W
Summer	C-GLYF	571	SCHED	07/19/2021 18:48:16	7	101	532	339	065:09:03.59 N	096:26:34.20 W
Summer	C-GLYF	571	SCHED	07/19/2021 18:50:22	8	99	511	333	065:12:21.60 N	096:29:49.79 W
Summer	C-GLYF	571	SCHED	07/19/2021 18:52:29	9	104	555	335	065:15:35.40 N	096:33:21.59 W
Summer	C-GLYF	571	SCHED	07/19/2021 18:54:36	10	107	522	342	065:18:59.40 N	096:36:44.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	571	SCHED	07/19/2021 18:56:50	11	114	406	4	065:22:44.40 N	096:39:07.80 W
Summer	C-GLYF	571	ARRIVAL	07/19/2021 18:58:52	3	0	160	14	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	571	XML_FLIGHT_SUMMARY	07/19/2021 18:58:53	0	0	0	0		
Summer	C-GLYF	571	SCHED	07/19/2021 18:58:59	12	0	160	14	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	571	SCHED	07/19/2021 19:01:07	13	0	157	14	065:23:55.20 N	096:40:28.19 W
Summer	C-GLYF	572	DEPARTURE	07/19/2021 19:02:19	4	58	219	245	065:23:40.19 N	096:40:45.60 W
Summer	C-GLYF	572	SCHED	07/19/2021 19:04:26	14	89	478	303	065:24:58.20 N	096:46:58.19 W
Summer	C-GLYF	572	SCHED	07/19/2021 19:06:33	15	92	418	323	065:27:06.60 N	096:52:34.19 W
Summer	C-GLYF	572	SCHED	07/19/2021 19:08:47	16	7	115	283	065:27:25.19 N	096:53:17.39 W
Summer	C-GLYF	572	ARRIVAL	07/19/2021 19:09:54	4	0	100	133	065:27:25.79 N	096:53:17.39 W
Summer	C-GLYF	572	XML_FLIGHT_SUMMARY	07/19/2021 19:09:55	0	0	0	0		
Summer	C-GLYF	572	SCHED	07/19/2021 19:12:07	17	0	94	133	065:27:25.79 N	096:53:17.39 W
Summer	C-GLYF	573	DEPARTURE	07/19/2021 19:13:06	5	78	165	163	065:27:09.00 N	096:53:27.60 W
Summer	C-GLYF	573	SCHED	07/19/2021 19:15:12	18	118	504	133	065:24:06.59 N	096:47:58.79 W
Summer	C-GLYF	573	SCHED	07/19/2021 19:17:19	19	102	336	17	065:23:20.39 N	096:39:10.80 W
Summer	C-GLYF	573	ARRIVAL	07/19/2021 19:19:17	5	0	159	342	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	573	XML_FLIGHT_SUMMARY	07/19/2021 19:19:18	0	0	0	0		
Summer	C-GLYF	573	SCHED	07/19/2021 19:21:28	20	7	186	201	065:23:54.59 N	096:40:30.00 W
Summer	C-GLYF	574	DEPARTURE	07/19/2021 19:21:53	6	69	255	173	065:23:36.60 N	096:40:30.60 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:24:02	21	91	612	160	065:20:47.99 N	096:37:52.20 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:26:11	22	92	657	162	065:17:42.00 N	096:35:24.59 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:28:23	23	94	556	162	065:14:25.79 N	096:33:00.00 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:30:33	24	98	615	167	065:11:06.59 N	096:31:42.60 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:32:40	25	99	684	144	065:08:02.39 N	096:27:49.79 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:34:47	26	61	318	213	065:05:43.19 N	096:22:30.00 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:36:52	27	1	182	260	065:05:34.80 N	096:23:40.20 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:38:59	28	0	183	246	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:41:09	29	0	173	295	065:05:35.39 N	096:23:39.59 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:43:15	30	2	175	203	065:05:35.39 N	096:23:40.20 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:45:22	31	3	184	260	065:05:34.80 N	096:23:40.80 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:47:30	32	0	178	8	065:05:35.39 N	096:23:39.59 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:49:39	33	129	458	117	065:04:12.60 N	096:18:19.20 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:51:45	34	96	247	134	065:02:02.40 N	096:09:08.39 W
Summer	C-GLYF	574	SCHED	07/19/2021 19:53:52	35	0	140	349	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	574	XML_OVERDUE_REPORT	07/19/2021 20:01:07	0	0	0	0		
Summer	C-GLYF	574	XML_FLIGHT_SUMMARY	07/19/2021 20:19:08	0	0	0	0		
Summer	C-GLYF	575	POWER_ON	07/19/2021 20:19:07	NA	NA	NA	NA		
Summer	C-GLYF	575	SCHED	07/19/2021 20:19:45	1	0	150	0	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:21:54	2	72	198	344	065:02:07.19 N	096:09:51.00 W
Summer	C-GLYF	575	DEPARTURE	07/19/2021 20:22:01	1	72	198	344	065:02:07.19 N	096:09:51.00 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:24:13	3	79	755	324	065:04:55.79 N	096:13:36.59 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:26:23	4	86	787	332	065:07:22.80 N	096:17:36.00 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:28:30	5	101	786	323	065:10:19.19 N	096:22:06.59 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:30:41	6	99	791	324	065:13:16.80 N	096:26:51.59 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:32:50	7	103	784	332	065:16:17.99 N	096:31:26.40 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:35:02	8	105	760	328	065:19:28.20 N	096:35:50.99 W
Summer	C-GLYF	575	SCHED	07/19/2021 20:37:20	9	100	330	343	065:23:03.00 N	096:39:31.19 W
Summer	C-GLYF	575	XML_OVERDUE_REPORT	07/19/2021 20:44:39	0	0	0	0		
Summer	C-GLYF	575	XML_FLIGHT_SUMMARY	07/19/2021 21:18:57	0	0	0	0		
Summer	C-GLYF	576	POWER_ON	07/19/2021 21:18:56	NA	NA	NA	NA		
Summer	C-GLYF	576	SCHED	07/19/2021 21:21:53	1	79	505	286	065:23:46.79 N	096:43:15.00 W
Summer	C-GLYF	576	DEPARTURE	07/19/2021 21:22:59	1	58	225	261	065:23:40.79 N	096:40:53.40 W
Summer	C-GLYF	576	SCHED	07/19/2021 21:25:07	2	76	298	342	065:27:13.19 N	096:53:25.80 W
Summer	C-GLYF	576	ARRIVAL	07/19/2021 21:27:03	1	0	95	23	065:27:29.40 N	096:53:26.39 W
Summer	C-GLYF	576	XML_FLIGHT_SUMMARY	07/19/2021 21:27:04	0	0	0	0		
Summer	C-GLYF	576	SCHED	07/19/2021 21:29:10	3	0	95	23	065:27:29.99 N	096:53:26.39 W
Summer	C-GLYF	577	DEPARTURE	07/19/2021 21:30:39	2	81	178	54	065:27:43.79 N	096:53:28.19 W
Summer	C-GLYF	577	SCHED	07/19/2021 21:32:52	4	118	422	124	065:26:41.99 N	096:44:08.39 W
Summer	C-GLYF	577	SCHED	07/19/2021 21:34:59	5	0	154	302	065:25:56.40 N	096:41:56.99 W
Summer	C-GLYF	577	ARRIVAL	07/19/2021 21:35:18	2	0	153	302	065:25:56.40 N	096:41:56.99 W
Summer	C-GLYF	577	XML_FLIGHT_SUMMARY	07/19/2021 21:35:19	0	0	0	0		
Summer	C-GLYF	577	SCHED	07/19/2021 21:37:24	6	0	150	302	065:25:56.40 N	096:41:56.39 W
Summer	C-GLYF	577	SCHED	07/19/2021 21:39:32	7	0	151	302	065:25:56.40 N	096:41:56.39 W
Summer	C-GLYF	578	DEPARTURE	07/19/2021 21:41:00	3	72	220	184	065:25:40.20 N	096:42:19.19 W
Summer	C-GLYF	578	SCHED	07/19/2021 21:43:08	8	60	225	285	065:23:44.99 N	096:39:48.59 W
Summer	C-GLYF	578	ARRIVAL	07/19/2021 21:44:30	3	0	157	7	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	578	SCHED	07/19/2021 21:46:43	9	0	154	7	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	578	DEPARTURE	07/19/2021 21:47:27	4	91	212	177	065:23:31.19 N	096:40:30.00 W
Summer	C-GLYF	578	SCHED	07/19/2021 21:49:35	10	121	608	159	065:19:49.19 N	096:37:06.00 W
Summer	C-GLYF	578	SCHED	07/19/2021 21:51:47	11	126	601	163	065:15:42.59 N	096:33:33.00 W
Summer	C-GLYF	578	SCHED	07/19/2021 21:55:40	12	131	622	140	065:08:20.39 N	096:27:32.99 W
Summer	C-GLYF	578	SCHED	07/19/2021 21:57:57	13	7	145	270	065:05:34.19 N	096:23:37.19 W
Summer	C-GLYF	578	ARRIVAL	07/19/2021 21:58:39	4	0	140	291	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	578	XML_FLIGHT_SUMMARY	07/19/2021 21:58:40	0	0	0	0		
Summer	C-GLYF	579	DEPARTURE	07/19/2021 21:59:47	5	84	217	152	065:05:18.59 N	096:23:51.59 W
Summer	C-GLYF	579	SCHED	07/19/2021 22:01:54	14	122	634	88	065:04:49.19 N	096:14:51.00 W
Summer	C-GLYF	579	SCHED	07/19/2021 22:04:02	15	128	581	80	065:05:21.59 N	096:04:38.39 W
Summer	C-GLYF	579	SCHED	07/19/2021 22:06:08	16	31	168	309	065:06:40.19 N	095:56:27.60 W
Summer	C-GLYF	579	ARRIVAL	07/19/2021 22:07:21	5	0	150	332	065:06:41.40 N	095:56:38.99 W
Summer	C-GLYF	579	XML_FLIGHT_SUMMARY	07/19/2021 22:07:22	0	0	0	0		
Summer	C-GLYF	580	DEPARTURE	07/19/2021 22:09:06	6	77	197	213	065:06:27.00 N	095:57:11.39 W
Summer	C-GLYF	580	SCHED	07/19/2021 22:11:13	17	115	490	203	065:02:37.80 N	096:01:03.60 W
Summer	C-GLYF	580	SCHED	07/19/2021 22:13:23	18	0	140	262	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	580	ARRIVAL	07/19/2021 22:13:42	6	0	140	262	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	580	XML_FLIGHT_SUMMARY	07/19/2021 22:13:43	0	0	0	0		
Summer	C-GLYF	581	POWER_ON	07/19/2021 22:28:18	NA	NA	NA	NA		
Summer	C-GLYF	581	SCHED	07/19/2021 22:28:57	1	1	147	135	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	581	DEPARTURE	07/19/2021 22:29:55	1	78	205	313	065:01:36.00 N	096:04:51.60 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:32:05	2	103	409	289	065:03:21.00 N	096:11:59.39 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:34:14	3	104	362	295	065:04:53.40 N	096:20:08.99 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:36:20	4	0	141	295	065:05:35.39 N	096:23:39.59 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:38:45	5	102	309	109	065:04:53.99 N	096:22:38.99 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	581	SCHED	07/19/2021 22:41:37	6	116	436	125	065:02:36.59 N	096:11:04.19 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:43:54	7	89	246	19	065:02:16.20 N	096:08:59.39 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:46:05	8	11	180	293	065:01:25.79 N	096:04:14.39 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:48:13	9	82	418	286	065:02:36.59 N	096:08:21.60 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:50:22	10	83	436	294	065:03:40.20 N	096:14:43.80 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:52:31	11	85	421	304	065:05:01.20 N	096:20:53.40 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:54:38	12	1	189	173	065:05:34.80 N	096:23:39.59 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:56:57	13	44	200	245	065:05:34.19 N	096:23:50.99 W
Summer	C-GLYF	581	SCHED	07/19/2021 22:59:55	14	105	529	106	065:03:52.80 N	096:14:10.20 W
Summer	C-GLYF	581	SCHED	07/19/2021 23:02:08	15	104	432	128	065:02:13.20 N	096:04:47.40 W
Summer	C-GLYF	581	SCHED	07/19/2021 23:04:32	16	8	203	99	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	581	SCHED	07/19/2021 23:06:40	17	0	148	195	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	581	ARRIVAL	07/19/2021 23:06:58	1	0	148	195	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	581	XML_FLIGHT_SUMMARY	07/19/2021 23:06:59	0	0	0	0		
Summer	C-GLYF	581	SCHED	07/19/2021 23:09:06	18	63	168	306	065:01:30.59 N	096:04:34.79 W
Summer	C-GLYF	582	DEPARTURE	07/19/2021 23:09:13	2	75	207	330	065:01:38.39 N	096:04:50.99 W
Summer	C-GLYF	582	SCHED	07/19/2021 23:11:26	19	95	461	291	065:03:13.20 N	096:10:51.59 W
Summer	C-GLYF	582	SCHED	07/19/2021 23:13:36	20	100	444	297	065:04:30.59 N	096:18:50.39 W
Summer	C-GLYF	582	SCHED	07/19/2021 23:15:47	21	0	138	307	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	582	ARRIVAL	07/19/2021 23:16:17	2	0	138	307	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	582	XML_FLIGHT_SUMMARY	07/19/2021 23:16:18	0	0	0	0		
Summer	C-GLYF	582	SCHED	07/19/2021 23:18:24	22	0	138	307	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	582	SCHED	07/19/2021 23:20:36	23	0	136	307	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	582	SCHED	07/19/2021 23:22:44	24	0	135	307	065:05:34.80 N	096:23:37.19 W
Summer	C-GLYF	582	SCHED	07/19/2021 23:24:58	25	0	137	307	065:05:34.80 N	096:23:37.19 W
Summer	C-GLYF	583	DEPARTURE	07/19/2021 23:27:05	3	77	258	160	065:05:22.80 N	096:23:58.79 W
Summer	C-GLYF	583	SCHED	07/19/2021 23:30:09	26	131	549	104	065:03:13.20 N	096:11:24.59 W
Summer	C-GLYF	583	SCHED	07/19/2021 23:34:15	27	0	140	211	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	583	ARRIVAL	07/19/2021 23:34:25	3	0	140	211	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	583	XML_FLIGHT_SUMMARY	07/19/2021 23:34:26	0	0	0	0		
Summer	C-GLYF	583	SCHED	07/19/2021 23:34:33	28	15	147	105	065:01:26.40 N	096:04:15.00 W
Summer	C-GLYF	584	POWER_ON	07/19/2021 23:52:30	NA	NA	NA	NA		
Summer	C-GLYF	584	SCHED	07/19/2021 23:53:14	1	0	145	59	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	584	SCHED	07/19/2021 23:55:30	2	0	141	68	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	584	POWER_ON	07/20/2021 11:08:32	NA	NA	NA	NA		
Summer	C-GLYF	584	SCHED	07/20/2021 11:09:14	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	584	SCHED	07/20/2021 11:11:27	2	42	142	320	065:01:29.39 N	096:04:22.19 W
Summer	C-GLYF	584	DEPARTURE	07/20/2021 11:11:40	1	75	153	316	065:01:40.20 N	096:04:50.99 W
Summer	C-GLYF	584	SCHED	07/20/2021 11:13:46	3	104	407	292	065:03:22.20 N	096:11:08.39 W
Summer	C-GLYF	584	SCHED	07/20/2021 11:15:53	4	107	405	287	065:04:45.00 N	096:19:26.99 W
Summer	C-GLYF	584	SCHED	07/20/2021 11:18:01	5	0	139	322	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	584	ARRIVAL	07/20/2021 11:18:17	1	0	139	322	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	584	XML_FLIGHT_SUMMARY	07/20/2021 11:18:18	0	0	0	0		
Summer	C-GLYF	584	POWER_ON	07/20/2021 11:33:15	NA	NA	NA	NA		
Summer	C-GLYF	585	SCHED	07/20/2021 11:33:52	1	0	137	0	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	585	DEPARTURE	07/20/2021 11:34:54	1	70	201	49	065:05:52.19 N	096:23:33.60 W
Summer	C-GLYF	585	SCHED	07/20/2021 11:37:10	2	121	436	113	065:04:23.39 N	096:15:16.79 W
Summer	C-GLYF	585	SCHED	07/20/2021 11:39:19	3	114	406	142	065:02:20.40 N	096:05:39.59 W
Summer	C-GLYF	585	ARRIVAL	07/20/2021 11:41:16	1	0	130	29	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	585	XML_FLIGHT_SUMMARY	07/20/2021 11:41:17	0	0	0	0		
Summer	C-GLYF	586	POWER_ON	07/20/2021 12:24:28	NA	NA	NA	NA		
Summer	C-GLYF	586	SCHED	07/20/2021 12:25:22	1	0	142	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	586	DEPARTURE	07/20/2021 12:27:02	1	71	215	325	065:01:42.00 N	096:04:41.39 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:29:08	2	97	618	326	065:04:08.40 N	096:08:46.20 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:31:18	3	102	679	323	065:06:53.40 N	096:13:41.39 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:33:26	4	102	640	324	065:09:50.40 N	096:18:55.80 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:35:33	5	98	682	326	065:12:40.79 N	096:23:49.20 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:37:47	6	101	657	326	065:15:36.59 N	096:28:39.59 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:39:56	7	104	574	327	065:18:46.80 N	096:33:40.80 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:42:09	8	103	403	331	065:21:54.59 N	096:38:25.20 W
Summer	C-GLYF	586	SCHED	07/20/2021 12:45:02	9	0	156	19	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	586	ARRIVAL	07/20/2021 12:45:09	1	0	156	19	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	586	XML_FLIGHT_SUMMARY	07/20/2021 12:45:10	0	0	0	0		
Summer	C-GLYF	586	SCHED	07/20/2021 12:47:18	10	0	157	19	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	587	DEPARTURE	07/20/2021 12:49:02	2	82	203	186	065:23:35.99 N	096:40:07.19 W
Summer	C-GLYF	587	SCHED	07/20/2021 12:51:15	11	2	153	231	065:20:53.99 N	096:41:48.59 W
Summer	C-GLYF	587	SCHED	07/20/2021 12:53:30	12	0	146	239	065:20:53.40 N	096:41:48.00 W
Summer	C-GLYF	587	ARRIVAL	07/20/2021 12:53:41	2	0	146	239	065:20:53.40 N	096:41:48.00 W
Summer	C-GLYF	587	XML_FLIGHT_SUMMARY	07/20/2021 12:53:42	0	0	0	0		
Summer	C-GLYF	588	DEPARTURE	07/20/2021 12:55:40	3	65	213	357	065:21:07.20 N	096:42:10.80 W
Summer	C-GLYF	588	SCHED	07/20/2021 12:57:47	13	28	173	1	065:23:51.60 N	096:40:31.19 W
Summer	C-GLYF	588	ARRIVAL	07/20/2021 12:59:06	3	0	154	7	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	588	XML_FLIGHT_SUMMARY	07/20/2021 12:59:07	0	0	0	0		
Summer	C-GLYF	589	POWER_ON	07/20/2021 13:37:20	NA	NA	NA	NA		
Summer	C-GLYF	589	SCHED	07/20/2021 13:37:53	1	0	158	316	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	589	DEPARTURE	07/20/2021 13:39:34	1	78	219	188	065:23:33.60 N	096:40:34.19 W
Summer	C-GLYF	589	SCHED	07/20/2021 13:41:41	2	36	179	325	065:20:49.79 N	096:41:51.00 W
Summer	C-GLYF	589	SCHED	07/20/2021 13:44:27	3	0	144	204	065:20:53.40 N	096:41:47.39 W
Summer	C-GLYF	589	ARRIVAL	07/20/2021 13:44:37	1	0	144	204	065:20:53.40 N	096:41:47.39 W
Summer	C-GLYF	589	XML_FLIGHT_SUMMARY	07/20/2021 13:44:38	0	0	0	0		
Summer	C-GLYF	590	DEPARTURE	07/20/2021 13:44:53	2	67	204	352	065:21:08.39 N	096:42:08.39 W
Summer	C-GLYF	590	SCHED	07/20/2021 13:46:59	4	5	166	16	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	590	ARRIVAL	07/20/2021 13:47:54	2	0	160	20	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	590	XML_FLIGHT_SUMMARY	07/20/2021 13:47:55	0	0	0	0		
Summer	C-GLYF	591	DEPARTURE	07/20/2021 13:49:39	3	97	223	157	065:23:31.19 N	096:40:20.39 W
Summer	C-GLYF	591	SCHED	07/20/2021 13:51:52	5	118	721	139	065:20:20.40 N	096:35:04.20 W
Summer	C-GLYF	591	SCHED	07/20/2021 13:54:09	6	122	730	142	065:16:52.19 N	096:28:07.19 W
Summer	C-GLYF	591	SCHED	07/20/2021 13:56:19	7	124	760	144	065:13:08.39 N	096:21:19.19 W
Summer	C-GLYF	591	SCHED	07/20/2021 13:58:26	8	127	736	147	065:09:25.80 N	096:15:25.20 W
Summer	C-GLYF	591	SCHED	07/20/2021 14:00:35	9	128	755	148	065:05:46.19 N	096:09:47.39 W
Summer	C-GLYF	591	SCHED	07/20/2021 14:02:46	10	99	323	160	065:02:02.40 N	096:04:10.79 W
Summer	C-GLYF	591	ARRIVAL	07/20/2021 14:04:28	3	0	143	282	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	591	XML_FLIGHT_SUMMARY	07/20/2021 14:04:29	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	592	POWER_ON	07/20/2021 14:42:58	NA	NA	NA	NA		
Summer	C-GLYF	592	SCHED	07/20/2021 14:43:40	1	0	150	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	592	SCHED	07/20/2021 14:45:49	2	0	143	48	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	592	POWER_ON	07/20/2021 17:58:04	NA	NA	NA	NA		
Summer	C-GLYF	592	SCHED	07/20/2021 18:01:24	1	93	318	293	065:02:36.00 N	096:07:28.20 W
Summer	C-GLYF	592	DEPARTURE	07/20/2021 18:01:31	1	76	0	321	065:01:40.80 N	096:04:38.39 W
Summer	C-GLYF	592	SCHED	07/20/2021 18:03:42	2	106	323	293	065:04:31.19 N	096:15:56.99 W
Summer	C-GLYF	592	SCHED	07/20/2021 18:05:52	3	33	180	308	065:05:31.80 N	096:23:36.60 W
Summer	C-GLYF	592	ARRIVAL	07/20/2021 18:06:51	1	0	152	354	065:05:34.19 N	096:23:37.19 W
Summer	C-GLYF	592	XML_FLIGHT_SUMMARY	07/20/2021 18:06:52	0	0	0	0		
Summer	C-GLYF	593	POWER_ON	07/20/2021 18:42:21	NA	NA	NA	NA		
Summer	C-GLYF	593	SCHED	07/20/2021 18:43:00	1	0	144	260	065:05:34.80 N	096:23:37.80 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:45:06	2	1	179	96	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:47:14	3	0	185	196	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:49:22	4	0	184	196	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:51:29	5	32	264	243	065:05:45.60 N	096:24:27.60 W
Summer	C-GLYF	593	DEPARTURE	07/20/2021 18:51:45	1	41	283	180	065:05:38.39 N	096:24:37.80 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:53:56	6	3	187	40	065:05:38.39 N	096:23:11.99 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:56:08	7	0	143	305	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	593	ARRIVAL	07/20/2021 18:56:15	1	0	143	305	065:05:34.80 N	096:23:38.40 W
Summer	C-GLYF	593	SCHED	07/20/2021 18:58:27	8	0	137	51	065:05:37.80 N	096:23:12.60 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:00:33	9	30	202	249	065:05:34.19 N	096:23:28.19 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:02:42	10	0	177	39	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:04:50	11	15	197	92	065:05:34.19 N	096:23:30.60 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:07:02	12	3	188	299	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	593	DEPARTURE	07/20/2021 19:08:38	2	58	269	260	065:05:40.19 N	096:24:21.00 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:10:46	13	5	185	344	065:05:38.39 N	096:23:10.20 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:12:57	14	0	175	346	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:15:11	15	36	213	235	065:05:33.60 N	096:23:52.19 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:17:25	16	21	214	245	065:05:35.99 N	096:23:29.39 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:19:34	17	3	187	39	065:05:39.00 N	096:23:11.99 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:21:44	18	0	178	317	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:23:52	19	25	286	352	065:05:30.00 N	096:23:04.79 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:26:01	20	0	179	330	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:28:07	21	13	224	269	065:05:34.80 N	096:23:37.19 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:30:22	22	27	256	347	065:05:33.00 N	096:23:04.19 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:32:29	23	0	183	348	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:34:40	24	18	185	222	065:05:38.39 N	096:23:12.60 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:36:55	25	45	270	43	065:05:27.59 N	096:23:19.19 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:39:02	26	2	173	358	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:41:10	27	101	363	113	065:04:21.59 N	096:20:24.00 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:43:17	28	104	383	105	065:03:02.99 N	096:12:06.00 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:46:23	29	19	220	58	065:01:18.59 N	096:04:36.00 W
Summer	C-GLYF	593	SCHED	07/20/2021 19:48:32	30	0	144	99	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	593	ARRIVAL	07/20/2021 19:48:56	2	0	144	99	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	593	XML_FLIGHT_SUMMARY	07/20/2021 19:48:57	0	0	0	0		
Summer	C-GLYF	594	POWER_ON	07/20/2021 20:11:38	NA	NA	NA	NA		
Summer	C-GLYF	594	SCHED	07/20/2021 20:12:16	1	0	138	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	594	DEPARTURE	07/20/2021 20:13:46	1	61	243	306	065:01:37.80 N	096:04:41.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:15:53	2	82	374	298	065:02:57.60 N	096:10:46.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:18:01	3	87	330	290	065:04:17.39 N	096:17:13.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:20:09	4	42	254	318	065:05:28.19 N	096:23:31.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:22:21	5	0	181	193	065:05:39.60 N	096:23:10.20 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:24:30	6	12	192	257	065:05:34.80 N	096:23:42.60 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:26:38	7	33	208	240	065:05:36.60 N	096:23:21.00 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:28:49	8	17	233	20	065:05:36.60 N	096:23:11.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:30:58	9	1	177	339	065:05:35.39 N	096:23:40.80 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:33:06	10	21	186	242	065:05:37.80 N	096:23:15.00 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:35:16	11	55	282	40	065:05:20.40 N	096:23:34.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:37:31	12	1	175	324	065:05:35.39 N	096:23:41.40 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:39:46	13	2	178	337	065:05:39.60 N	096:23:10.20 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:42:34	14	58	220	138	065:05:26.39 N	096:23:47.39 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:44:41	15	12	207	272	065:05:34.80 N	096:23:40.20 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:46:49	16	0	179	45	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:48:58	17	52	264	33	065:05:23.39 N	096:23:22.80 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:51:08	18	1	183	300	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:53:20	19	0	178	360	065:05:39.60 N	096:23:11.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:55:29	20	74	254	94	065:05:13.79 N	096:23:47.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 20:58:22	21	1	178	205	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:00:29	22	23	221	262	065:05:34.80 N	096:23:35.40 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:02:40	23	34	273	8	065:05:30.00 N	096:23:15.00 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:04:48	24	7	209	304	065:05:34.80 N	096:23:41.40 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:06:59	25	3	188	5	065:05:39.00 N	096:23:11.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:09:07	26	41	208	253	065:05:35.99 N	096:23:54.59 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:11:16	27	8	179	221	065:05:39.60 N	096:23:11.99 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:13:33	28	42	227	264	065:05:39.00 N	096:24:06.59 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:15:43	29	0	181	37	065:05:40.19 N	096:23:11.39 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:17:57	30	43	218	241	065:05:33.00 N	096:23:56.40 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:20:09	31	27	191	267	065:05:39.60 N	096:23:16.20 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:22:16	32	49	273	41	065:05:27.00 N	096:23:13.80 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:24:23	33	1	180	331	065:05:41.39 N	096:23:43.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:26:34	34	9	212	311	065:05:40.19 N	096:23:41.40 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:28:51	35	51	270	57	065:05:23.39 N	096:23:21.60 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:31:03	36	0	170	39	065:05:37.19 N	096:23:07.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:33:15	37	28	239	354	065:05:31.19 N	096:23:05.40 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:35:37	38	6	214	325	065:05:40.80 N	096:23:43.20 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:37:44	39	2	165	12	065:05:37.19 N	096:23:07.79 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:39:51	40	14	206	341	065:05:34.80 N	096:23:06.59 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:42:08	41	110	326	112	065:04:30.59 N	096:18:45.00 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:44:17	42	121	365	116	065:02:46.80 N	096:09:00.00 W
Summer	C-GLYF	594	SCHED	07/20/2021 21:46:23	43	2	177	248	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	594	ARRIVAL	07/20/2021 21:47:31	1	0	144	199	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	594	XML_FLIGHT_SUMMARY	07/20/2021 21:47:32	0	0	0	0		
Summer	C-GLYF	594	SCHED	07/20/2021 21:49:39	44	0	143	199	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	595	POWER_ON	07/20/2021 22:04:46	NA	NA	NA	NA		
Summer	C-GLYF	595	SCHED	07/20/2021 22:05:26	1	0	149	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	595	DEPARTURE	07/20/2021 22:06:45	1	58	221	310	065:01:37.19 N	096:04:41.39 W
Summer	C-GLYF	595	SCHED	07/20/2021 22:08:55	2	86	330	293	065:02:49.79 N	096:10:26.40 W
Summer	C-GLYF	595	SCHED	07/20/2021 22:11:02	3	85	317	297	065:04:10.79 N	096:16:54.59 W
Summer	C-GLYF	595	SCHED	07/20/2021 22:13:09	4	49	264	304	065:05:28.80 N	096:22:56.40 W
Summer	C-GLYF	595	SCHED	07/20/2021 22:15:25	5	1	178	32	065:05:39.00 N	096:23:11.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	595	SCHED	07/20/2021 22:17:31	6	0	142	42	065:05:38.39 N	096:23:09.59 W
Summer	C-GLYF	595	ARRIVAL	07/20/2021 22:18:00	1	0	142	42	065:05:38.39 N	096:23:09.59 W
Summer	C-GLYF	595	XML_FLIGHT_SUMMARY	07/20/2021 22:18:01	0	0	0	0		
Summer	C-GLYF	596	DEPARTURE	07/20/2021 22:19:43	2	91	194	158	065:05:22.80 N	096:23:26.39 W
Summer	C-GLYF	596	SCHED	07/20/2021 22:21:54	7	127	287	110	065:03:46.80 N	096:14:55.20 W
Summer	C-GLYF	596	SCHED	07/20/2021 22:24:52	8	52	180	258	065:01:25.79 N	096:03:46.79 W
Summer	C-GLYF	596	ARRIVAL	07/20/2021 22:25:53	2	0	142	286	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	596	XML_FLIGHT_SUMMARY	07/20/2021 22:25:54	0	0	0	0		
Summer	C-GLYF	597	POWER_ON	07/20/2021 23:10:32	NA	NA	NA	NA		
Summer	C-GLYF	597	SCHED	07/20/2021 23:11:55	1	27	142	349	065:01:26.40 N	096:04:13.20 W
Summer	C-GLYF	597	DEPARTURE	07/20/2021 23:12:03	1	78	155	301	065:01:37.19 N	096:04:41.99 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:14:09	2	111	366	300	065:03:31.19 N	096:12:48.00 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:16:29	3	111	266	287	065:05:08.99 N	096:20:56.99 W
Summer	C-GLYF	597	ARRIVAL	07/20/2021 23:18:25	1	0	135	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	597	XML_FLIGHT_SUMMARY	07/20/2021 23:18:26	0	0	0	0		
Summer	C-GLYF	597	SCHED	07/20/2021 23:20:35	4	0	135	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:22:45	5	0	135	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:24:53	6	0	136	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:27:08	7	0	136	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:29:16	8	0	136	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	597	SCHED	07/20/2021 23:31:23	9	0	136	13	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	598	DEPARTURE	07/20/2021 23:31:50	2	84	180	119	065:05:24.00 N	096:23:09.59 W
Summer	C-GLYF	598	SCHED	07/20/2021 23:34:01	10	137	393	119	065:03:34.20 N	096:13:48.00 W
Summer	C-GLYF	598	SCHED	07/20/2021 23:36:08	11	40	174	65	065:01:25.20 N	096:04:26.99 W
Summer	C-GLYF	598	XML_OVERDUE_REPORT	07/20/2021 23:43:26	0	0	0	0		
Summer	C-GLYF	598	XML_FLIGHT_SUMMARY	07/21/2021 10:32:37	0	0	0	0		
Summer	C-GLYF	599	POWER_ON	07/21/2021 10:32:36	NA	NA	NA	NA		
Summer	C-GLYF	599	SCHED	07/21/2021 10:33:09	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:35:28	2	51	211	312	065:01:33.00 N	096:04:33.59 W
Summer	C-GLYF	599	DEPARTURE	07/21/2021 10:35:35	1	62	226	312	065:01:38.39 N	096:04:49.19 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:37:43	3	0	181	31	065:01:52.19 N	096:09:26.39 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:39:50	4	61	282	299	065:02:34.80 N	096:11:52.19 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:41:56	5	63	304	302	065:03:42.60 N	096:16:28.79 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:44:02	6	66	337	303	065:04:55.19 N	096:20:56.40 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:46:14	7	1	176	3	065:05:39.00 N	096:23:12.60 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:48:22	8	89	309	101	065:05:15.00 N	096:22:32.39 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:50:28	9	107	360	118	065:03:33.59 N	096:15:10.20 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:52:43	10	98	338	92	065:02:10.20 N	096:07:13.20 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:55:43	11	41	201	292	065:01:20.99 N	096:04:39.60 W
Summer	C-GLYF	599	SCHED	07/21/2021 10:57:52	12	23	256	263	065:01:49.19 N	096:09:20.40 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:00:01	13	67	286	305	065:02:14.40 N	096:10:48.59 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:02:11	14	82	306	300	065:03:35.39 N	096:16:23.99 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:04:22	15	78	317	308	065:05:10.20 N	096:22:00.00 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:06:30	16	6	171	323	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:08:48	17	111	375	132	065:03:43.19 N	096:18:27.60 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:11:01	18	88	329	105	065:01:40.80 N	096:10:22.80 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:13:09	19	54	269	298	065:02:01.19 N	096:09:57.60 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:15:17	20	87	391	297	065:03:26.40 N	096:15:34.79 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:17:24	21	78	391	303	065:04:50.40 N	096:21:25.80 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:19:37	22	0	167	359	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:21:56	23	105	421	129	065:04:02.99 N	096:19:43.80 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:24:04	24	106	400	111	065:01:37.19 N	096:11:29.40 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:26:11	25	36	220	340	065:01:55.19 N	096:09:33.00 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:28:18	26	88	358	302	065:03:20.40 N	096:14:56.99 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:30:25	27	78	344	303	065:04:48.60 N	096:20:44.40 W
Summer	C-GLYF	599	SCHED	07/21/2021 11:32:36	28	15	151	86	065:05:35.39 N	096:23:37.19 W
Summer	C-GLYF	599	ARRIVAL	07/21/2021 11:33:50	1	0	139	5	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	599	XML_FLIGHT_SUMMARY	07/21/2021 11:33:51	0	0	0	0		
Summer	C-GLYF	600	DEPARTURE	07/21/2021 11:34:54	2	85	196	139	065:05:27.00 N	096:23:22.80 W
Summer	C-GLYF	600	SCHED	07/21/2021 11:37:55	29	138	424	105	065:02:54.00 N	096:11:16.19 W
Summer	C-GLYF	600	SCHED	07/21/2021 11:40:47	30	0	139	267	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	600	ARRIVAL	07/21/2021 11:41:56	2	0	138	267	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	600	XML_FLIGHT_SUMMARY	07/21/2021 11:41:57	0	0	0	0		
Summer	C-GLYF	600	SCHED	07/21/2021 11:44:02	31	0	138	267	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	601	POWER_ON	07/21/2021 11:57:03	NA	NA	NA	NA		
Summer	C-GLYF	601	SCHED	07/21/2021 11:59:23	1	0	138	113	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	601	SCHED	07/21/2021 12:01:39	2	0	139	125	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	601	POWER_ON	07/21/2021 13:20:36	NA	NA	NA	NA		
Summer	C-GLYF	601	SCHED	07/21/2021 13:23:19	1	0	139	282	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	601	POWER_ON	07/21/2021 13:37:57	NA	NA	NA	NA		
Summer	C-GLYF	601	SCHED	07/21/2021 13:38:44	1	0	174	312	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	601	DEPARTURE	07/21/2021 13:40:46	1	58	204	327	065:01:39.00 N	096:04:36.60 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:42:56	2	105	373	326	065:04:30.59 N	096:09:04.19 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:45:04	3	105	413	328	065:07:35.99 N	096:14:23.40 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:47:12	4	105	443	328	065:10:44.40 N	096:19:18.00 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:49:23	5	112	454	326	065:13:52.80 N	096:24:13.20 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:51:31	6	108	480	328	065:17:11.40 N	096:29:06.60 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:53:42	7	111	512	324	065:20:17.39 N	096:34:22.19 W
Summer	C-GLYF	601	SCHED	07/21/2021 13:55:59	8	76	270	312	065:23:24.00 N	096:39:51.59 W
Summer	C-GLYF	601	ARRIVAL	07/21/2021 13:58:05	1	0	163	68	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	601	XML_FLIGHT_SUMMARY	07/21/2021 13:58:06	0	0	0	0		
Summer	C-GLYF	601	SCHED	07/21/2021 13:58:11	9	0	163	68	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	601	SCHED	07/21/2021 14:00:26	10	0	162	73	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	602	POWER_ON	07/21/2021 14:09:23	NA	NA	NA	NA		
Summer	C-GLYF	602	SCHED	07/21/2021 14:10:04	1	0	165	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	602	DEPARTURE	07/21/2021 14:10:57	1	68	222	257	065:23:49.20 N	096:41:11.39 W
Summer	C-GLYF	602	SCHED	07/21/2021 14:13:07	2	18	187	316	065:24:35.99 N	096:47:31.20 W
Summer	C-GLYF	602	ARRIVAL	07/21/2021 14:14:41	1	0	167	59	065:24:38.40 N	096:47:35.40 W
Summer	C-GLYF	602	XML_FLIGHT_SUMMARY	07/21/2021 14:14:42	0	0	0	0		
Summer	C-GLYF	602	SCHED	07/21/2021 14:16:53	3	0	167	59	065:24:38.40 N	096:47:35.40 W
Summer	C-GLYF	602	SCHED	07/21/2021 14:19:00	4	0	166	59	065:24:38.40 N	096:47:35.40 W
Summer	C-GLYF	602	SCHED	07/21/2021 14:21:06	5	0	164	59	065:24:38.40 N	096:47:35.40 W
Summer	C-GLYF	602	SCHED	07/21/2021 14:23:13	6	0	164	59	065:24:38.40 N	096:47:35.40 W
Summer	C-GLYF	602	SCHED	07/21/2021 14:25:20	7	8	167	275	065:24:38.40 N	096:47:36.00 W
Summer	C-GLYF	603	DEPARTURE	07/21/2021 14:25:49	2	68	222	159	065:24:25.19 N	096:47:49.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	603	SCHED	07/21/2021 14:27:57	8	123	321	106	065:23:03.59 N	096:38:57.60 W
Summer	C-GLYF	603	SCHED	07/21/2021 14:30:04	9	0	159	130	065:22:37.80 N	096:34:58.20 W
Summer	C-GLYF	603	ARRIVAL	07/21/2021 14:30:18	2	0	159	130	065:22:37.80 N	096:34:58.20 W
Summer	C-GLYF	603	XML_FLIGHT_SUMMARY	07/21/2021 14:30:19	0	0	0	0		
Summer	C-GLYF	604	DEPARTURE	07/21/2021 14:31:33	3	61	208	320	065:22:52.79 N	096:35:11.40 W
Summer	C-GLYF	604	SCHED	07/21/2021 14:33:42	10	7	169	310	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	604	POWER_ON	07/21/2021 14:35:00	NA	NA	NA	NA		
Summer	C-GLYF	604	POWER_ON	07/21/2021 14:36:37	NA	NA	NA	NA		
Summer	C-GLYF	604	SCHED	07/21/2021 14:37:05	1	0	161	267	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	604	SCHED	07/21/2021 14:39:12	2	0	165	298	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	604	POWER_ON	07/21/2021 14:43:08	NA	NA	NA	NA		
Summer	C-GLYF	604	POWER_ON	07/21/2021 16:22:05	NA	NA	NA	NA		
Summer	C-GLYF	604	SCHED	07/21/2021 16:22:33	1	0	148	210	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	604	DEPARTURE	07/21/2021 16:24:09	1	76	203	122	065:23:38.99 N	096:40:07.80 W
Summer	C-GLYF	604	SCHED	07/21/2021 16:27:16	2	0	144	69	065:22:37.19 N	096:35:01.20 W
Summer	C-GLYF	604	ARRIVAL	07/21/2021 16:27:27	1	0	145	69	065:22:37.19 N	096:35:01.20 W
Summer	C-GLYF	604	SCHED	07/21/2021 16:29:38	3	0	142	69	065:22:37.80 N	096:35:01.20 W
Summer	C-GLYF	604	SCHED	07/21/2021 16:31:45	4	62	202	318	065:22:49.79 N	096:35:19.19 W
Summer	C-GLYF	604	XML_FLIGHT_SUMMARY	07/21/2021 16:31:52	0	0	0	0		
Summer	C-GLYF	605	DEPARTURE	07/21/2021 16:31:51	2	67	210	318	065:22:52.20 N	096:35:24.59 W
Summer	C-GLYF	605	SCHED	07/21/2021 16:33:58	5	0	160	304	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	605	ARRIVAL	07/21/2021 16:35:22	2	0	155	304	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	605	DEPARTURE	07/21/2021 16:36:58	3	76	223	148	065:23:36.60 N	096:40:20.39 W
Summer	C-GLYF	605	SCHED	07/21/2021 16:39:53	6	124	477	146	065:19:10.20 N	096:33:14.39 W
Summer	C-GLYF	605	SCHED	07/21/2021 16:42:01	7	130	451	147	065:14:55.80 N	096:25:54.59 W
Summer	C-GLYF	605	SCHED	07/21/2021 16:44:13	8	132	439	144	065:11:06.00 N	096:19:49.79 W
Summer	C-GLYF	605	SCHED	07/21/2021 16:47:13	9	131	474	143	065:06:25.80 N	096:11:21.00 W
Summer	C-GLYF	605	SCHED	07/21/2021 16:49:24	10	115	244	150	065:02:02.40 N	096:03:57.60 W
Summer	C-GLYF	605	ARRIVAL	07/21/2021 16:51:04	3	0	138	237	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	605	XML_FLIGHT_SUMMARY	07/21/2021 16:51:05	0	0	0	0		
Summer	C-GLYF	606	POWER_ON	07/21/2021 17:01:26	NA	NA	NA	NA		
Summer	C-GLYF	606	SCHED	07/21/2021 17:02:12	1	0	142	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	606	SCHED	07/21/2021 17:04:30	2	0	140	147	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	606	POWER_ON	07/21/2021 18:47:59	NA	NA	NA	NA		
Summer	C-GLYF	606	SCHED	07/21/2021 18:48:36	1	0	147	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	606	DEPARTURE	07/21/2021 18:49:12	1	72	186	308	065:01:39.59 N	096:04:49.19 W
Summer	C-GLYF	606	SCHED	07/21/2021 18:51:20	2	0	153	347	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	606	ARRIVAL	07/21/2021 18:52:05	1	0	150	347	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	606	DEPARTURE	07/21/2021 18:53:46	2	68	206	291	065:01:56.99 N	096:10:11.99 W
Summer	C-GLYF	606	SCHED	07/21/2021 18:55:58	3	115	321	305	065:04:10.20 N	096:18:02.39 W
Summer	C-GLYF	606	SCHED	07/21/2021 18:58:07	4	0	142	32	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	606	ARRIVAL	07/21/2021 18:58:45	2	0	142	32	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	606	XML_FLIGHT_SUMMARY	07/21/2021 18:58:46	0	0	0	0		
Summer	C-GLYF	606	SCHED	07/21/2021 19:00:51	5	29	172	24	065:05:45.60 N	096:23:10.20 W
Summer	C-GLYF	607	DEPARTURE	07/21/2021 19:01:16	3	33	191	79	065:05:52.19 N	096:22:49.20 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:03:21	6	0	138	20	065:05:45.00 N	096:22:34.79 W
Summer	C-GLYF	607	ARRIVAL	07/21/2021 19:03:47	3	0	138	20	065:05:45.00 N	096:22:34.79 W
Summer	C-GLYF	607	DEPARTURE	07/21/2021 19:04:33	4	58	170	245	065:05:34.19 N	096:23:08.40 W
Summer	C-GLYF	607	ARRIVAL	07/21/2021 19:06:18	4	0	144	81	065:05:35.39 N	096:23:38.99 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:08:28	7	4	189	312	065:05:35.39 N	096:23:41.99 W
Summer	C-GLYF	607	DEPARTURE	07/21/2021 19:09:03	5	58	239	205	065:05:30.59 N	096:24:17.39 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:11:11	8	43	192	249	065:05:41.99 N	096:22:44.40 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:13:22	9	59	260	49	065:05:26.39 N	096:22:38.40 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:15:31	10	5	191	276	065:05:34.80 N	096:23:40.80 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:17:41	11	7	185	336	065:05:42.60 N	096:22:35.39 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:19:49	12	0	177	321	065:05:34.80 N	096:23:41.40 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:21:55	13	53	269	39	065:05:24.00 N	096:22:46.19 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:24:02	14	0	174	5	065:05:43.80 N	096:22:35.39 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:26:10	15	48	213	246	065:05:39.60 N	096:22:48.60 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:28:19	16	25	233	350	065:05:39.00 N	096:22:34.19 W
Summer	C-GLYF	607	SCHED	07/21/2021 19:30:31	17	0	143	318	065:05:35.39 N	096:23:39.59 W
Summer	C-GLYF	607	ARRIVAL	07/21/2021 19:30:56	5	0	142	318	065:05:35.39 N	096:23:39.59 W
Summer	C-GLYF	607	XML_FLIGHT_SUMMARY	07/21/2021 19:30:57	0	0	0	0		
Summer	C-GLYF	608	DEPARTURE	07/21/2021 19:31:58	6	84	176	74	065:05:27.59 N	096:23:16.20 W
Summer	C-GLYF	608	SCHED	07/21/2021 19:34:07	18	94	184	240	065:05:43.80 N	096:22:05.40 W
Summer	C-GLYF	608	ARRIVAL	07/21/2021 19:35:39	6	0	134	345	065:05:38.39 N	096:23:13.20 W
Summer	C-GLYF	608	SCHED	07/21/2021 19:38:43	19	0	134	345	065:05:38.39 N	096:23:13.20 W
Summer	C-GLYF	608	DEPARTURE	07/21/2021 19:39:02	7	62	162	73	065:05:41.99 N	096:22:30.00 W
Summer	C-GLYF	608	ARRIVAL	07/21/2021 19:40:46	7	0	151	321	065:06:12.60 N	096:20:40.80 W
Summer	C-GLYF	608	DEPARTURE	07/21/2021 19:41:27	8	78	190	225	065:06:02.99 N	096:21:18.59 W
Summer	C-GLYF	608	ARRIVAL	07/21/2021 19:43:03	8	0	133	309	065:05:43.80 N	096:22:34.19 W
Summer	C-GLYF	608	SCHED	07/21/2021 19:45:13	20	0	131	309	065:05:43.80 N	096:22:34.19 W
Summer	C-GLYF	608	POWER_ON	07/21/2021 20:08:40	NA	NA	NA	NA		
Summer	C-GLYF	608	SCHED	07/21/2021 20:09:22	1	0	131	0	065:05:43.80 N	096:22:33.60 W
Summer	C-GLYF	608	DEPARTURE	07/21/2021 20:09:57	1	85	185	81	065:05:53.40 N	096:21:57.60 W
Summer	C-GLYF	608	ARRIVAL	07/21/2021 20:11:41	1	0	137	267	065:06:14.39 N	096:20:37.19 W
Summer	C-GLYF	608	DEPARTURE	07/21/2021 20:12:33	2	77	169	105	065:06:19.80 N	096:20:04.20 W
Summer	C-GLYF	608	SCHED	07/21/2021 20:14:43	2	0	139	310	065:06:11.40 N	096:17:36.59 W
Summer	C-GLYF	608	ARRIVAL	07/21/2021 20:14:59	2	0	139	310	065:06:11.40 N	096:17:36.59 W
Summer	C-GLYF	608	POWER_ON	07/21/2021 20:30:28	NA	NA	NA	NA		
Summer	C-GLYF	608	SCHED	07/21/2021 20:31:06	1	0	138	81	065:06:11.40 N	096:17:36.59 W
Summer	C-GLYF	608	DEPARTURE	07/21/2021 20:32:40	1	71	185	180	065:06:01.20 N	096:18:03.60 W
Summer	C-GLYF	608	SCHED	07/21/2021 20:34:50	2	127	330	123	065:03:45.60 N	096:09:33.00 W
Summer	C-GLYF	608	SCHED	07/21/2021 20:36:59	3	25	152	227	065:01:28.20 N	096:04:10.20 W
Summer	C-GLYF	608	SCHED	07/21/2021 20:40:03	4	60	176	210	065:01:53.39 N	096:09:11.39 W
Summer	C-GLYF	608	ARRIVAL	07/21/2021 20:40:52	1	0	151	349	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	608	XML_FLIGHT_SUMMARY	07/21/2021 20:40:53	0	0	0	0		
Summer	C-GLYF	609	DEPARTURE	07/21/2021 20:41:50	2	80	203	28	065:02:08.40 N	096:09:23.99 W
Summer	C-GLYF	609	SCHED	07/21/2021 20:44:00	5	2	138	237	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	609	SCHED	07/21/2021 20:46:07	6	0	137	237	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	609	ARRIVAL	07/21/2021 20:46:14	2	0	137	237	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	609	POWER_ON	07/21/2021 22:59:41	NA	NA	NA	NA		
Summer	C-GLYF	609	SCHED	07/21/2021 23:00:19	1	0	210	94	065:01:25.20 N	096:04:07.80 W
Summer	C-GLYF	609	DEPARTURE	07/21/2021 23:01:12	1	71	209	327	065:01:38.39 N	096:04:45.00 W
Summer	C-GLYF	609	SCHED	07/21/2021 23:03:23	2	115	381	294	065:03:27.59 N	096:11:40.79 W
Summer	C-GLYF	609	SCHED	07/21/2021 23:05:28	3	107	271	293	065:05:00.60 N	096:20:38.39 W
Summer	C-GLYF	609	ARRIVAL	07/21/2021 23:07:19	1	0	127	11	065:05:39.00 N	096:23:13.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	609	XML_FLIGHT_SUMMARY	07/21/2021 23:07:20	0	0	0	0		
Summer	C-GLYF	609	SCHED	07/21/2021 23:09:26	4	1	121	1	065:05:38.39 N	096:23:13.20 W
Summer	C-GLYF	609	SCHED	07/21/2021 23:14:18	5	109	444	112	065:03:57.60 N	096:15:44.39 W
Summer	C-GLYF	610	DEPARTURE	07/21/2021 23:15:17	2	70	255	125	065:05:23.39 N	096:22:50.99 W
Summer	C-GLYF	610	SCHED	07/21/2021 23:17:27	6	38	260	186	065:01:33.59 N	096:04:25.80 W
Summer	C-GLYF	610	SCHED	07/21/2021 23:19:34	7	14	214	49	065:01:24.59 N	096:04:23.40 W
Summer	C-GLYF	610	SCHED	07/21/2021 23:21:48	8	92	309	307	065:02:31.19 N	096:06:15.00 W
Summer	C-GLYF	610	SCHED	07/21/2021 23:23:55	9	111	384	293	065:04:01.79 N	096:14:49.79 W
Summer	C-GLYF	610	SCHED	07/21/2021 23:26:58	10	0	138	342	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	610	ARRIVAL	07/21/2021 23:27:17	2	0	135	342	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	610	XML_FLIGHT_SUMMARY	07/21/2021 23:27:18	0	0	0	0		
Summer	C-GLYF	611	DEPARTURE	07/21/2021 23:29:18	3	75	173	148	065:05:21.00 N	096:23:14.39 W
Summer	C-GLYF	611	SCHED	07/21/2021 23:33:26	11	130	274	120	065:02:15.60 N	096:05:11.40 W
Summer	C-GLYF	611	SCHED	07/21/2021 23:33:35	12	100	212	147	065:01:54.00 N	096:04:07.80 W
Summer	C-GLYF	611	ARRIVAL	07/21/2021 23:35:15	3	0	140	262	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	611	XML_FLIGHT_SUMMARY	07/21/2021 23:35:16	0	0	0	0		
Summer	C-GLYF	611	SCHED	07/21/2021 23:37:24	13	0	138	113	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	611	SCHED	07/21/2021 23:39:31	14	0	138	113	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	612	POWER_ON	07/22/2021 10:58:47	NA	NA	NA	NA		
Summer	C-GLYF	612	SCHED	07/22/2021 10:59:26	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	612	DEPARTURE	07/22/2021 11:01:00	1	85	240	320	065:01:35.40 N	096:04:58.79 W
Summer	C-GLYF	612	SCHED	07/22/2021 11:03:07	2	102	402	297	065:03:20.40 N	096:11:41.99 W
Summer	C-GLYF	612	SCHED	07/22/2021 11:05:16	3	111	289	295	065:05:00.60 N	096:19:40.20 W
Summer	C-GLYF	612	SCHED	07/22/2021 11:07:31	4	0	136	328	065:05:39.00 N	096:23:13.80 W
Summer	C-GLYF	612	ARRIVAL	07/22/2021 11:07:43	1	0	136	328	065:05:39.00 N	096:23:13.80 W
Summer	C-GLYF	612	XML_FLIGHT_SUMMARY	07/22/2021 11:07:44	0	0	0	0		
Summer	C-GLYF	612	SCHED	07/22/2021 11:09:58	5	0	137	328	065:05:39.00 N	096:23:13.80 W
Summer	C-GLYF	612	SCHED	07/22/2021 11:12:06	6	0	139	163	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	613	POWER_ON	07/22/2021 11:30:12	NA	NA	NA	NA		
Summer	C-GLYF	613	SCHED	07/22/2021 11:30:58	1	0	137	231	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	613	DEPARTURE	07/22/2021 11:32:51	1	72	185	119	065:05:24.00 N	096:22:55.79 W
Summer	C-GLYF	613	SCHED	07/22/2021 11:35:01	2	148	344	103	065:02:41.39 N	096:07:41.99 W
Summer	C-GLYF	613	SCHED	07/22/2021 11:37:08	3	0	138	158	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	613	ARRIVAL	07/22/2021 11:39:02	1	0	138	158	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	613	XML_FLIGHT_SUMMARY	07/22/2021 11:39:03	0	0	0	0		
Summer	C-GLYF	614	POWER_ON	07/22/2021 14:46:53	NA	NA	NA	NA		
Summer	C-GLYF	614	SCHED	07/22/2021 14:47:34	1	0	140	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	614	DEPARTURE	07/22/2021 14:48:33	1	84	169	327	065:01:34.20 N	096:04:53.99 W
Summer	C-GLYF	614	SCHED	07/22/2021 14:50:40	2	109	364	291	065:03:40.80 N	096:12:27.60 W
Summer	C-GLYF	614	SCHED	07/22/2021 14:52:46	3	112	265	298	065:05:14.39 N	096:21:12.00 W
Summer	C-GLYF	614	ARRIVAL	07/22/2021 14:54:38	1	0	134	311	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	614	XML_FLIGHT_SUMMARY	07/22/2021 14:54:39	0	0	0	0		
Summer	C-GLYF	615	POWER_ON	07/22/2021 15:23:01	NA	NA	NA	NA		
Summer	C-GLYF	615	SCHED	07/22/2021 15:23:42	1	0	140	29	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:27:40	2	24	214	160	065:05:32.39 N	096:23:11.39 W
Summer	C-GLYF	615	DEPARTURE	07/22/2021 15:28:17	1	40	253	91	065:05:24.59 N	096:22:35.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:30:28	3	1	177	304	065:05:44.40 N	096:22:34.19 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:32:40	4	11	196	247	065:05:39.60 N	096:23:09.00 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:34:56	5	1	168	295	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:37:09	6	57	232	112	065:05:25.80 N	096:22:56.99 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:39:22	7	0	170	287	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:41:32	8	57	217	119	065:05:31.19 N	096:22:56.99 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:43:39	9	5	181	261	065:05:39.60 N	096:23:10.80 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:45:47	10	1	171	279	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:47:59	11	0	167	279	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:50:12	12	6	177	183	065:05:39.00 N	096:23:10.80 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:52:35	13	0	172	254	065:05:43.19 N	096:22:34.79 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:54:44	14	28	188	252	065:05:41.99 N	096:22:40.20 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:56:56	15	22	243	254	065:05:43.80 N	096:22:23.99 W
Summer	C-GLYF	615	SCHED	07/22/2021 15:59:08	16	8	187	268	065:05:39.60 N	096:23:10.20 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:01:17	17	24	239	260	065:05:44.40 N	096:22:19.19 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:03:24	18	0	164	271	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:05:34	19	12	200	266	065:05:43.80 N	096:22:31.19 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:07:41	20	7	173	146	065:05:39.60 N	096:23:10.20 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:09:56	21	0	159	57	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:12:03	22	7	165	165	065:05:35.99 N	096:23:07.19 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:14:15	23	5	186	267	065:05:41.39 N	096:22:33.60 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:18:50	24	103	389	114	065:04:07.79 N	096:16:32.39 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:21:05	25	89	358	114	065:02:30.59 N	096:07:41.99 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:23:18	26	1	169	193	065:01:19.79 N	096:04:28.20 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:25:26	27	62	309	226	065:02:02.99 N	096:08:47.99 W
Summer	C-GLYF	615	SCHED	07/22/2021 16:27:34	28	0	151	78	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	615	ARRIVAL	07/22/2021 16:27:40	1	0	151	78	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	615	XML_FLIGHT_SUMMARY	07/22/2021 16:27:41	0	0	0	0		
Summer	C-GLYF	615	SCHED	07/22/2021 16:29:58	29	0	142	227	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	616	POWER_ON	07/22/2021 17:03:23	NA	NA	NA	NA		
Summer	C-GLYF	616	SCHED	07/22/2021 17:04:05	1	0	143	0	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	616	DEPARTURE	07/22/2021 17:05:07	1	78	249	85	065:01:40.80 N	096:09:05.40 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:07:55	2	0	145	224	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	616	ARRIVAL	07/22/2021 17:08:23	1	0	144	224	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	616	POWER_ON	07/22/2021 17:18:33	NA	NA	NA	NA		
Summer	C-GLYF	616	SCHED	07/22/2021 17:19:30	1	0	133	18	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	616	DEPARTURE	07/22/2021 17:20:53	1	68	256	312	065:01:32.39 N	096:04:53.99 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:23:14	2	88	381	291	065:03:14.99 N	096:11:23.40 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:25:22	3	95	356	299	065:04:35.39 N	096:19:15.60 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:27:31	4	0	172	66	065:05:39.60 N	096:23:10.80 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:29:46	5	4	170	227	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:31:53	6	9	200	273	065:05:43.19 N	096:22:31.79 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:34:01	7	40	213	150	065:05:35.39 N	096:23:04.79 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:36:08	8	33	219	259	065:05:40.19 N	096:22:59.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:38:26	9	19	219	271	065:05:43.80 N	096:22:26.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:40:38	10	49	223	148	065:05:28.80 N	096:23:05.40 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:42:47	11	4	181	243	065:05:39.60 N	096:23:10.80 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:44:54	12	0	174	261	065:05:43.19 N	096:22:34.79 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:47:13	13	59	261	8	065:05:35.99 N	096:22:09.00 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:49:33	14	3	177	76	065:05:39.60 N	096:23:11.99 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:51:41	15	16	206	256	065:05:40.19 N	096:23:08.40 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	616	SCHED	07/22/2021 17:53:48	16	5	184	254	065:05:43.80 N	096:22:35.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:56:01	17	22	198	171	065:05:37.80 N	096:23:11.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 17:59:10	18	1	174	247	065:05:39.60 N	096:23:11.99 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:01:17	19	10	197	259	065:05:39.60 N	096:23:10.80 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:03:24	20	9	176	253	065:05:43.19 N	096:22:37.19 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:05:33	21	78	264	51	065:05:24.59 N	096:22:12.00 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:07:43	22	24	218	260	065:05:40.80 N	096:23:03.00 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:10:01	23	10	203	241	065:05:44.40 N	096:22:33.60 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:12:09	24	1	174	253	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:15:10	25	7	202	220	065:05:44.40 N	096:22:33.60 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:17:19	26	6	178	219	065:05:39.60 N	096:23:12.60 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:19:26	27	1	176	242	065:05:43.80 N	096:22:36.00 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:21:32	28	0	165	271	065:05:37.19 N	096:23:07.79 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:23:40	29	7	188	188	065:05:41.99 N	096:22:35.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:25:53	30	63	255	11	065:05:34.80 N	096:22:13.80 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:28:07	31	9	201	253	065:05:37.19 N	096:23:06.00 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:30:14	32	17	220	245	065:05:42.60 N	096:22:28.80 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:32:21	33	66	247	120	065:05:24.00 N	096:22:53.99 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:35:20	34	13	181	174	065:05:35.99 N	096:23:07.19 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:37:28	35	2	150	131	065:05:43.80 N	096:22:33.60 W
Summer	C-GLYF	616	ARRIVAL	07/22/2021 18:39:07	1	0	136	350	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	616	XML_FLIGHT_SUMMARY	07/22/2021 18:39:08	0	0	0	0		
Summer	C-GLYF	616	SCHED	07/22/2021 18:41:14	36	0	130	1	065:05:43.19 N	096:22:33.00 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:45:02	37	0	175	247	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:47:12	38	0	135	61	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	616	SCHED	07/22/2021 18:49:19	39	1	132	262	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	617	POWER_ON	07/22/2021 19:12:58	NA	NA	NA	NA		
Summer	C-GLYF	617	SCHED	07/22/2021 19:14:58	1	100	246	117	065:05:12.60 N	096:21:37.80 W
Summer	C-GLYF	617	DEPARTURE	07/22/2021 19:15:06	1	75	177	145	065:05:27.00 N	096:22:25.80 W
Summer	C-GLYF	617	SCHED	07/22/2021 19:17:16	2	130	413	114	065:03:16.79 N	096:09:23.99 W
Summer	C-GLYF	617	SCHED	07/22/2021 19:19:26	3	10	142	221	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	617	ARRIVAL	07/22/2021 19:21:17	1	0	137	197	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	617	XML_FLIGHT_SUMMARY	07/22/2021 19:21:18	0	0	0	0		
Summer	C-GLYF	618	POWER_ON	07/22/2021 19:38:04	NA	NA	NA	NA		
Summer	C-GLYF	618	SCHED	07/22/2021 19:38:43	1	0	134	222	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	618	DEPARTURE	07/22/2021 19:39:33	1	84	189	325	065:01:34.79 N	096:04:50.99 W
Summer	C-GLYF	618	SCHED	07/22/2021 19:41:44	2	131	388	327	065:05:08.99 N	096:10:31.19 W
Summer	C-GLYF	618	SCHED	07/22/2021 19:43:52	3	133	436	330	065:09:07.19 N	096:16:27.00 W
Summer	C-GLYF	618	SCHED	07/22/2021 19:45:58	4	121	437	325	065:12:53.39 N	096:22:28.80 W
Summer	C-GLYF	618	SCHED	07/22/2021 19:48:06	5	130	388	323	065:16:24.59 N	096:28:57.59 W
Summer	C-GLYF	618	SCHED	07/22/2021 19:50:23	6	131	358	332	065:20:13.79 N	096:35:00.60 W
Summer	C-GLYF	618	SCHED	07/22/2021 19:52:32	7	25	169	274	065:23:54.59 N	096:40:23.99 W
Summer	C-GLYF	618	XML_OVERDUE_REPORT	07/22/2021 19:59:47	0	0	0	0		
Summer	C-GLYF	618	XML_FLIGHT_SUMMARY	07/22/2021 20:06:35	0	0	0	0		
Summer	C-GLYF	619	POWER_ON	07/22/2021 20:06:34	NA	NA	NA	NA		
Summer	C-GLYF	619	SCHED	07/22/2021 20:07:18	1	0	163	123	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	619	DEPARTURE	07/22/2021 20:07:48	1	61	198	188	065:23:37.80 N	096:40:29.40 W
Summer	C-GLYF	619	SCHED	07/22/2021 20:09:57	2	0	146	165	065:20:52.80 N	096:41:47.39 W
Summer	C-GLYF	619	ARRIVAL	07/22/2021 20:10:42	1	0	143	165	065:20:52.80 N	096:41:47.39 W
Summer	C-GLYF	619	XML_FLIGHT_SUMMARY	07/22/2021 20:10:43	0	0	0	0		
Summer	C-GLYF	620	DEPARTURE	07/22/2021 20:11:59	2	78	208	2	065:20:59.99 N	096:42:16.19 W
Summer	C-GLYF	620	SCHED	07/22/2021 20:14:10	3	1	154	280	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	620	ARRIVAL	07/22/2021 20:15:00	2	0	153	280	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	620	XML_FLIGHT_SUMMARY	07/22/2021 20:15:01	0	0	0	0		
Summer	C-GLYF	621	POWER_ON	07/22/2021 22:19:17	NA	NA	NA	NA		
Summer	C-GLYF	621	SCHED	07/22/2021 22:19:42	1	0	0	0	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	621	DEPARTURE	07/22/2021 22:20:54	1	85	162	191	065:23:22.19 N	096:40:40.20 W
Summer	C-GLYF	621	SCHED	07/22/2021 22:23:02	2	0	155	230	065:20:52.80 N	096:41:48.00 W
Summer	C-GLYF	621	ARRIVAL	07/22/2021 22:23:45	1	0	156	230	065:20:52.80 N	096:41:48.00 W
Summer	C-GLYF	621	XML_FLIGHT_SUMMARY	07/22/2021 22:23:46	0	0	0	0		
Summer	C-GLYF	621	SCHED	07/22/2021 22:25:51	3	0	155	230	065:20:52.80 N	096:41:48.00 W
Summer	C-GLYF	622	DEPARTURE	07/22/2021 22:27:22	2	85	203	44	065:20:50.99 N	096:41:11.99 W
Summer	C-GLYF	622	ARRIVAL	07/22/2021 22:29:28	2	0	167	272	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	622	XML_FLIGHT_SUMMARY	07/22/2021 22:29:29	0	0	0	0		
Summer	C-GLYF	622	SCHED	07/22/2021 22:29:40	4	0	167	272	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	623	DEPARTURE	07/22/2021 22:31:24	3	76	211	140	065:23:37.80 N	096:40:18.00 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:33:30	5	110	317	148	065:20:23.39 N	096:35:07.80 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:35:38	6	110	314	147	065:17:08.99 N	096:29:55.80 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:37:51	7	110	326	146	065:13:52.80 N	096:24:31.19 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:40:00	8	107	365	152	065:10:29.40 N	096:19:25.80 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:42:10	9	110	358	140	065:07:20.39 N	096:14:12.60 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:44:18	10	112	357	138	065:04:10.79 N	096:08:15.59 W
Summer	C-GLYF	623	SCHED	07/22/2021 22:46:33	11	27	158	197	065:01:28.20 N	096:04:09.59 W
Summer	C-GLYF	623	ARRIVAL	07/22/2021 22:47:45	3	0	144	210	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	623	XML_FLIGHT_SUMMARY	07/22/2021 22:47:46	0	0	0	0		
Summer	C-GLYF	624	POWER_ON	07/22/2021 23:25:09	NA	NA	NA	NA		
Summer	C-GLYF	624	SCHED	07/22/2021 23:25:47	1	0	145	44	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	624	DEPARTURE	07/22/2021 23:26:38	1	83	192	333	065:01:36.59 N	096:04:48.00 W
Summer	C-GLYF	624	SCHED	07/22/2021 23:28:46	2	121	313	293	065:03:32.39 N	096:12:46.20 W
Summer	C-GLYF	624	SCHED	07/22/2021 23:30:54	3	104	226	320	065:05:36.60 N	096:21:37.80 W
Summer	C-GLYF	624	ARRIVAL	07/22/2021 23:32:43	1	0	130	329	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	624	XML_FLIGHT_SUMMARY	07/22/2021 23:32:44	0	0	0	0		
Summer	C-GLYF	624	SCHED	07/22/2021 23:34:51	4	0	130	329	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	624	SCHED	07/22/2021 23:36:58	5	0	130	329	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	624	SCHED	07/22/2021 23:39:05	6	0	130	329	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	624	SCHED	07/22/2021 23:41:16	7	0	130	329	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	625	DEPARTURE	07/22/2021 23:42:50	2	64	161	153	065:05:28.19 N	096:22:40.80 W
Summer	C-GLYF	625	SCHED	07/22/2021 23:45:07	8	117	337	111	065:03:39.60 N	096:13:55.80 W
Summer	C-GLYF	625	SCHED	07/22/2021 23:47:22	9	90	227	140	065:01:56.39 N	096:04:26.99 W
Summer	C-GLYF	625	ARRIVAL	07/22/2021 23:48:49	2	0	138	118	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	625	XML_FLIGHT_SUMMARY	07/22/2021 23:48:50	0	0	0	0		
Summer	C-GLYF	626	POWER_ON	07/23/2021 14:15:09	NA	NA	NA	NA		
Summer	C-GLYF	626	SCHED	07/23/2021 14:15:47	1	0	0	61	065:01:27.00 N	096:04:17.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	626	DEPARTURE	07/23/2021 14:16:55	1	77	0	315	065:01:42.59 N	096:04:22.19 W
Summer	C-GLYF	626	SCHED	07/23/2021 14:19:03	2	75	91	287	065:03:10.20 N	096:09:46.20 W
Summer	C-GLYF	626	SCHED	07/23/2021 14:21:10	3	57	182	270	065:03:54.60 N	096:14:34.20 W
Summer	C-GLYF	626	SCHED	07/23/2021 14:23:20	4	59	175	286	065:04:35.39 N	096:19:04.79 W
Summer	C-GLYF	626	SCHED	07/23/2021 14:25:27	5	42	156	316	065:05:22.80 N	096:22:14.39 W
Summer	C-GLYF	626	ARRIVAL	07/23/2021 14:27:24	1	0	137	131	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	626	XML_FLIGHT_SUMMARY	07/23/2021 14:27:25	0	0	0	0		
Summer	C-GLYF	626	SCHED	07/23/2021 14:29:33	6	0	137	131	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	626	SCHED	07/23/2021 14:31:43	7	0	137	131	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	626	SCHED	07/23/2021 14:34:46	8	0	137	131	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	627	DEPARTURE	07/23/2021 14:35:47	2	47	151	142	065:05:32.39 N	096:22:39.59 W
Summer	C-GLYF	627	SCHED	07/23/2021 14:37:55	9	65	172	114	065:04:41.39 N	096:18:43.20 W
Summer	C-GLYF	627	SCHED	07/23/2021 14:40:02	10	58	198	112	065:03:36.00 N	096:14:04.79 W
Summer	C-GLYF	627	SCHED	07/23/2021 14:42:13	11	64	221	102	065:02:45.60 N	096:09:51.00 W
Summer	C-GLYF	627	SCHED	07/23/2021 14:44:20	12	63	189	141	065:01:45.00 N	096:05:02.99 W
Summer	C-GLYF	627	ARRIVAL	07/23/2021 14:46:26	2	0	146	129	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	627	XML_FLIGHT_SUMMARY	07/23/2021 14:46:27	0	0	0	0		
Summer	C-GLYF	627	SCHED	07/23/2021 14:46:40	13	0	146	129	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	628	POWER_ON	07/23/2021 23:14:18	NA	NA	NA	NA		
Summer	C-GLYF	628	SCHED	07/23/2021 23:15:28	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	628	DEPARTURE	07/23/2021 23:15:44	1	82	201	315	065:01:46.80 N	096:05:07.19 W
Summer	C-GLYF	628	SCHED	07/23/2021 23:17:51	2	111	243	292	065:03:27.59 N	096:12:38.99 W
Summer	C-GLYF	628	SCHED	07/23/2021 23:19:57	3	101	222	293	065:05:10.20 N	096:21:24.59 W
Summer	C-GLYF	628	ARRIVAL	07/23/2021 23:21:48	1	0	129	58	065:05:44.40 N	096:22:34.19 W
Summer	C-GLYF	628	XML_FLIGHT_SUMMARY	07/23/2021 23:21:49	0	0	0	0		
Summer	C-GLYF	628	SCHED	07/23/2021 23:23:55	4	0	127	2	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	628	SCHED	07/23/2021 23:26:03	5	0	127	2	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	628	SCHED	07/23/2021 23:29:17	6	81	198	110	065:04:57.60 N	096:20:19.79 W
Summer	C-GLYF	629	DEPARTURE	07/23/2021 23:30:15	2	76	181	148	065:05:30.59 N	096:22:01.20 W
Summer	C-GLYF	629	SCHED	07/23/2021 23:32:37	7	101	246	119	065:03:18.59 N	096:11:40.20 W
Summer	C-GLYF	629	SCHED	07/23/2021 23:34:54	8	52	164	144	065:01:32.39 N	096:04:38.39 W
Summer	C-GLYF	629	ARRIVAL	07/23/2021 23:36:22	2	0	137	245	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	629	XML_FLIGHT_SUMMARY	07/23/2021 23:36:23	0	0	0	0		
Summer	C-GLYF	630	POWER_ON	07/23/2021 23:53:25	NA	NA	NA	NA		
Summer	C-GLYF	630	SCHED	07/23/2021 23:54:02	1	0	139	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	630	SCHED	07/23/2021 23:56:22	2	0	134	165	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	630	POWER_ON	07/24/2021 10:57:11	NA	NA	NA	NA		
Summer	C-GLYF	630	SCHED	07/24/2021 10:57:53	1	0	0	0	065:01:27.00 N	096:04:15.60 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:00:01	2	0	151	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	630	DEPARTURE	07/24/2021 11:00:37	1	52	168	321	065:01:39.00 N	096:04:40.20 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:02:45	3	72	230	301	065:02:58.80 N	096:09:14.39 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:04:58	4	82	236	299	065:04:16.20 N	096:15:01.79 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:07:07	5	84	216	278	065:05:47.40 N	096:21:10.79 W
Summer	C-GLYF	630	ARRIVAL	07/24/2021 11:09:07	1	0	123	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	XML_FLIGHT_SUMMARY	07/24/2021 11:09:08	0	0	0	0		
Summer	C-GLYF	630	SCHED	07/24/2021 11:11:15	6	0	123	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:13:22	7	0	124	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:15:36	8	0	124	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:17:44	9	0	124	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:19:55	10	0	124	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:22:04	11	0	125	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:24:12	12	0	125	63	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	630	SCHED	07/24/2021 11:26:21	13	0	127	2	065:05:45.00 N	096:22:34.19 W
Summer	C-GLYF	631	DEPARTURE	07/24/2021 11:28:59	2	94	212	141	065:05:41.99 N	096:21:55.20 W
Summer	C-GLYF	631	SCHED	07/24/2021 11:31:09	14	137	297	117	065:02:56.99 N	096:08:29.39 W
Summer	C-GLYF	631	SCHED	07/24/2021 11:33:34	15	0	146	86	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	631	ARRIVAL	07/24/2021 11:33:43	2	0	146	86	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	631	XML_FLIGHT_SUMMARY	07/24/2021 11:33:44	0	0	0	0		
Summer	C-GLYF	632	POWER_ON	07/24/2021 11:45:39	NA	NA	NA	NA		
Summer	C-GLYF	632	SCHED	07/24/2021 11:47:23	1	1	142	285	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	632	DEPARTURE	07/24/2021 11:48:06	1	50	235	313	065:01:37.80 N	096:04:45.00 W
Summer	C-GLYF	632	SCHED	07/24/2021 11:50:14	2	65	291	299	065:02:49.19 N	096:08:54.59 W
Summer	C-GLYF	632	SCHED	07/24/2021 11:52:24	3	73	273	297	065:03:56.40 N	096:13:51.00 W
Summer	C-GLYF	632	SCHED	07/24/2021 11:54:35	4	71	289	292	065:04:53.40 N	096:19:20.40 W
Summer	C-GLYF	632	SCHED	07/24/2021 11:56:45	5	1	168	38	065:05:43.80 N	096:22:36.00 W
Summer	C-GLYF	632	SCHED	07/24/2021 11:59:47	6	97	309	157	065:05:02.39 N	096:23:29.39 W
Summer	C-GLYF	632	SCHED	07/24/2021 12:03:59	7	110	325	130	065:02:13.80 N	096:06:27.59 W
Summer	C-GLYF	632	SCHED	07/24/2021 12:06:06	8	18	202	17	065:01:22.79 N	096:04:26.99 W
Summer	C-GLYF	632	ARRIVAL	07/24/2021 12:08:08	1	0	150	117	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	632	XML_FLIGHT_SUMMARY	07/24/2021 12:08:09	0	0	0	0		
Summer	C-GLYF	632	SCHED	07/24/2021 12:08:16	9	0	150	117	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	632	SCHED	07/24/2021 12:10:25	10	0	148	117	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	633	POWER_ON	07/24/2021 12:59:46	NA	NA	NA	NA		
Summer	C-GLYF	633	SCHED	07/24/2021 13:00:23	1	3	143	85	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:02:37	2	0	135	270	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	633	POWER_ON	07/24/2021 13:17:22	NA	NA	NA	NA		
Summer	C-GLYF	633	SCHED	07/24/2021 13:18:43	1	0	161	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	633	DEPARTURE	07/24/2021 13:19:18	1	52	175	322	065:01:37.19 N	096:04:34.19 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:21:26	2	89	288	325	065:03:58.19 N	096:08:19.79 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:23:34	3	87	269	326	065:06:31.19 N	096:12:24.59 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:25:46	4	89	269	325	065:09:07.80 N	096:16:35.40 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:27:55	5	86	262	321	065:11:47.39 N	096:20:50.40 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:30:04	6	88	271	324	065:14:27.60 N	096:24:46.79 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:32:17	7	86	296	324	065:16:54.60 N	096:28:50.40 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:34:25	8	90	300	321	065:19:30.59 N	096:33:13.79 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:36:33	9	92	280	327	065:21:55.20 N	096:37:25.80 W
Summer	C-GLYF	633	SCHED	07/24/2021 13:38:45	10	6	159	338	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	633	ARRIVAL	07/24/2021 13:39:35	1	0	156	9	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	633	XML_FLIGHT_SUMMARY	07/24/2021 13:39:36	0	0	0	0		
Summer	C-GLYF	634	DEPARTURE	07/24/2021 13:41:01	2	72	207	258	065:23:49.79 N	096:41:10.20 W
Summer	C-GLYF	634	SCHED	07/24/2021 13:43:09	11	62	197	306	065:24:28.19 N	096:46:57.60 W
Summer	C-GLYF	634	ARRIVAL	07/24/2021 13:45:03	2	0	165	274	065:24:34.79 N	096:47:33.59 W
Summer	C-GLYF	634	XML_FLIGHT_SUMMARY	07/24/2021 13:45:04	0	0	0	0		
Summer	C-GLYF	634	SCHED	07/24/2021 13:47:13	12	0	163	274	065:24:34.79 N	096:47:33.59 W
Summer	C-GLYF	634	SCHED	07/24/2021 13:49:22	13	0	158	274	065:24:34.79 N	096:47:33.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	634	SCHED	07/24/2021 13:51:43	14	12	159	316	065:24:35.40 N	096:47:34.19 W
Summer	C-GLYF	635	DEPARTURE	07/24/2021 13:51:56	3	85	219	93	065:24:45.60 N	096:47:12.60 W
Summer	C-GLYF	635	SCHED	07/24/2021 13:54:08	15	128	287	116	065:23:16.19 N	096:37:50.40 W
Summer	C-GLYF	635	SCHED	07/24/2021 13:56:14	16	0	157	2	065:22:37.80 N	096:35:01.20 W
Summer	C-GLYF	635	ARRIVAL	07/24/2021 13:56:23	3	0	156	2	065:22:37.80 N	096:35:01.20 W
Summer	C-GLYF	635	XML_FLIGHT_SUMMARY	07/24/2021 13:56:24	0	0	0	0		
Summer	C-GLYF	636	POWER_ON	07/24/2021 14:13:41	NA	NA	NA	NA		
Summer	C-GLYF	636	SCHED	07/24/2021 14:14:19	1	0	156	3	065:22:37.80 N	096:35:01.79 W
Summer	C-GLYF	636	DEPARTURE	07/24/2021 14:15:38	1	45	199	323	065:22:49.20 N	096:34:52.80 W
Summer	C-GLYF	636	SCHED	07/24/2021 14:17:48	2	23	181	318	065:23:53.40 N	096:40:25.80 W
Summer	C-GLYF	636	ARRIVAL	07/24/2021 14:18:53	1	0	164	321	065:23:55.20 N	096:40:29.40 W
Summer	C-GLYF	636	XML_FLIGHT_SUMMARY	07/24/2021 14:18:54	0	0	0	0		
Summer	C-GLYF	637	DEPARTURE	07/24/2021 14:19:47	2	76	212	233	065:23:47.39 N	096:41:10.20 W
Summer	C-GLYF	637	SCHED	07/24/2021 14:21:57	3	153	318	143	065:19:37.80 N	096:35:22.19 W
Summer	C-GLYF	637	SCHED	07/24/2021 14:25:19	4	154	305	146	065:13:00.59 N	096:24:01.20 W
Summer	C-GLYF	637	SCHED	07/24/2021 14:27:29	5	151	318	146	065:07:59.40 N	096:16:13.79 W
Summer	C-GLYF	637	SCHED	07/24/2021 14:29:36	6	155	310	143	065:03:37.80 N	096:08:47.99 W
Summer	C-GLYF	637	SCHED	07/24/2021 14:31:44	7	0	148	127	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	637	ARRIVAL	07/24/2021 14:32:27	2	0	148	127	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	637	XML_FLIGHT_SUMMARY	07/24/2021 14:32:28	0	0	0	0		
Summer	C-GLYF	637	SCHED	07/24/2021 14:34:34	8	0	149	100	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	638	POWER_ON	07/24/2021 16:00:29	NA	NA	NA	NA		
Summer	C-GLYF	638	SCHED	07/24/2021 16:01:11	1	0	127	0	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	638	DEPARTURE	07/24/2021 16:02:15	1	52	157	314	065:01:37.19 N	096:04:43.19 W
Summer	C-GLYF	638	SCHED	07/24/2021 16:04:23	2	91	308	296	065:03:01.79 N	096:10:54.00 W
Summer	C-GLYF	638	SCHED	07/24/2021 16:06:29	3	102	305	292	065:04:40.80 N	096:17:51.00 W
Summer	C-GLYF	638	SCHED	07/24/2021 16:08:46	4	0	124	30	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	638	ARRIVAL	07/24/2021 16:09:30	1	0	120	30	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	638	XML_FLIGHT_SUMMARY	07/24/2021 16:09:31	0	0	0	0		
Summer	C-GLYF	638	SCHED	07/24/2021 16:11:38	5	0	119	30	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	638	SCHED	07/24/2021 16:13:44	6	0	114	240	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	638	SCHED	07/24/2021 16:15:57	7	1	134	213	065:05:43.19 N	096:22:34.19 W
Summer	C-GLYF	638	SCHED	07/24/2021 16:21:37	8	114	308	118	065:01:45.00 N	096:10:57.60 W
Summer	C-GLYF	639	DEPARTURE	07/24/2021 16:21:43	2	75	244	207	065:05:38.39 N	096:23:11.39 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:23:54	9	56	254	295	065:02:06.60 N	096:10:23.39 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:26:04	10	69	295	302	065:03:13.79 N	096:14:58.80 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:28:14	11	65	266	301	065:04:31.80 N	096:19:42.60 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:30:22	12	2	170	25	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:32:29	13	10	187	333	065:05:40.19 N	096:23:11.39 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:34:37	14	110	345	129	065:03:57.60 N	096:18:51.60 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:36:50	15	102	341	121	065:02:07.19 N	096:11:51.59 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:39:00	16	10	194	317	065:01:52.19 N	096:09:28.19 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:41:08	17	58	287	301	065:02:46.80 N	096:13:12.60 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:43:24	18	66	270	304	065:03:58.80 N	096:17:34.79 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:45:31	19	57	247	314	065:05:24.59 N	096:22:22.19 W
Summer	C-GLYF	639	SCHED	07/24/2021 16:47:40	20	4	161	242	065:05:39.00 N	096:23:12.60 W
Summer	C-GLYF	639	ARRIVAL	07/24/2021 16:49:23	2	0	130	20	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	639	XML_FLIGHT_SUMMARY	07/24/2021 16:49:24	0	0	0	0		
Summer	C-GLYF	640	POWER_ON	07/24/2021 17:33:16	NA	NA	NA	NA		
Summer	C-GLYF	640	SCHED	07/24/2021 17:33:52	1	0	138	0	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	640	DEPARTURE	07/24/2021 17:35:10	1	97	210	213	065:05:41.39 N	096:23:11.39 W
Summer	C-GLYF	640	SCHED	07/24/2021 17:37:28	2	131	281	112	065:03:20.40 N	096:14:10.20 W
Summer	C-GLYF	640	SCHED	07/24/2021 17:39:38	3	0	142	19	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	640	ARRIVAL	07/24/2021 17:39:52	1	0	142	19	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	640	XML_FLIGHT_SUMMARY	07/24/2021 17:39:53	0	0	0	0		
Summer	C-GLYF	640	SCHED	07/24/2021 17:42:02	4	0	147	19	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	641	DEPARTURE	07/24/2021 17:43:12	2	56	188	28	065:02:07.19 N	096:09:18.00 W
Summer	C-GLYF	641	SCHED	07/24/2021 17:45:21	5	12	156	78	065:01:28.20 N	096:04:11.40 W
Summer	C-GLYF	641	ARRIVAL	07/24/2021 17:47:30	2	0	138	260	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	641	SCHED	07/24/2021 17:47:40	6	0	138	260	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	641	POWER_ON	07/24/2021 18:06:26	NA	NA	NA	NA		
Summer	C-GLYF	641	SCHED	07/24/2021 18:07:06	1	0	139	290	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:09:14	2	0	139	290	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	641	DEPARTURE	07/24/2021 18:09:55	1	49	177	305	065:01:36.59 N	096:04:41.39 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:12:02	3	92	271	283	065:02:55.80 N	096:10:09.00 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:14:09	4	93	261	291	065:04:24.59 N	096:17:13.20 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:16:19	5	75	199	82	065:05:52.80 N	096:21:53.40 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:18:27	6	18	149	295	065:05:36.60 N	096:23:11.39 W
Summer	C-GLYF	641	ARRIVAL	07/24/2021 18:19:39	1	0	135	7	065:05:39.00 N	096:23:13.20 W
Summer	C-GLYF	641	XML_FLIGHT_SUMMARY	07/24/2021 18:19:40	0	0	0	0		
Summer	C-GLYF	641	SCHED	07/24/2021 18:21:49	7	3	144	45	065:05:39.00 N	096:23:12.60 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:23:57	8	1	182	119	065:05:39.60 N	096:23:10.80 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:26:06	9	17	209	86	065:05:42.60 N	096:22:25.20 W
Summer	C-GLYF	641	SCHED	07/24/2021 18:28:17	10	31	183	270	065:05:45.00 N	096:22:14.39 W
Summer	C-GLYF	642	DEPARTURE	07/24/2021 18:28:34	2	63	226	244	065:05:39.00 N	096:22:49.20 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:30:45	11	15	199	96	065:05:44.40 N	096:22:13.80 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:32:56	12	1	176	63	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:35:06	13	1	172	76	065:05:45.00 N	096:22:09.00 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:37:14	14	1	167	219	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:39:21	15	0	174	235	065:05:39.60 N	096:23:11.39 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:41:27	16	21	206	92	065:05:44.40 N	096:22:23.99 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:43:37	17	54	234	242	065:05:42.60 N	096:22:50.40 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:45:43	18	14	192	63	065:05:44.40 N	096:22:12.00 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:47:54	19	0	134	26	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	642	ARRIVAL	07/24/2021 18:48:20	2	0	134	26	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:50:27	20	0	134	26	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:52:39	21	3	181	44	065:05:43.80 N	096:22:36.00 W
Summer	C-GLYF	642	SCHED	07/24/2021 18:54:50	22	58	230	261	065:05:47.40 N	096:23:04.79 W
Summer	C-GLYF	642	XML_FLIGHT_SUMMARY	07/24/2021 18:54:57	0	0	0	0		
Summer	C-GLYF	643	DEPARTURE	07/24/2021 18:54:56	3	68	245	246	065:05:45.60 N	096:23:16.20 W
Summer	C-GLYF	643	SCHED	07/24/2021 18:57:04	23	102	336	115	065:03:40.80 N	096:17:28.79 W
Summer	C-GLYF	643	SCHED	07/24/2021 18:59:15	24	102	357	103	065:02:27.00 N	096:09:28.19 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:02:18	25	1	180	88	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:04:26	26	88	336	264	065:02:19.79 N	096:07:20.40 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:06:36	27	11	231	25	065:01:52.80 N	096:09:28.80 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:08:46	28	60	279	305	065:02:12.60 N	096:10:17.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	643	SCHED	07/24/2021 19:10:54	29	64	308	302	065:03:28.20 N	096:14:59.39 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:13:02	30	62	290	308	065:04:40.80 N	096:19:39.60 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:15:08	31	1	167	278	065:05:45.00 N	096:22:08.40 W
Summer	C-GLYF	643	ARRIVAL	07/24/2021 19:17:05	3	0	130	249	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	643	XML_FLIGHT_SUMMARY	07/24/2021 19:17:06	0	0	0	0		
Summer	C-GLYF	643	SCHED	07/24/2021 19:19:16	32	0	127	336	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:21:24	33	20	144	258	065:05:45.60 N	096:22:14.39 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:23:31	34	0	125	41	065:05:43.19 N	096:22:31.19 W
Summer	C-GLYF	643	SCHED	07/24/2021 19:25:36	35	0	123	41	065:05:43.19 N	096:22:31.79 W
Summer	C-GLYF	644	DEPARTURE	07/24/2021 19:27:16	4	87	195	109	065:05:51.60 N	096:22:01.20 W
Summer	C-GLYF	644	SCHED	07/24/2021 19:30:12	36	139	300	113	065:02:46.80 N	096:09:28.80 W
Summer	C-GLYF	644	SCHED	07/24/2021 19:32:22	37	0	139	243	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	644	XML_FLIGHT_SUMMARY	07/24/2021 19:32:49	0	0	0	0		
Summer	C-GLYF	645	POWER_ON	07/24/2021 19:32:48	NA	NA	NA	NA		
Summer	C-GLYF	645	SCHED	07/24/2021 19:33:36	1	0	138	264	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	645	POWER_ON	07/24/2021 20:05:11	NA	NA	NA	NA		
Summer	C-GLYF	645	SCHED	07/24/2021 20:05:49	1	9	152	249	065:01:27.60 N	096:04:16.20 W
Summer	C-GLYF	645	POWER_ON	07/26/2021 11:19:57	NA	NA	NA	NA		
Summer	C-GLYF	645	SCHED	07/26/2021 11:20:37	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	645	SCHED	07/26/2021 11:22:49	2	38	122	315	065:01:30.59 N	096:04:24.59 W
Summer	C-GLYF	645	DEPARTURE	07/26/2021 11:23:02	1	74	90	321	065:01:42.59 N	096:04:55.20 W
Summer	C-GLYF	645	SCHED	07/26/2021 11:25:11	3	97	244	294	065:03:22.79 N	096:11:30.00 W
Summer	C-GLYF	645	SCHED	07/26/2021 11:27:18	4	100	322	300	065:04:40.80 N	096:19:19.79 W
Summer	C-GLYF	645	SCHED	07/26/2021 11:29:27	5	0	142	356	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	645	ARRIVAL	07/26/2021 11:29:48	1	0	142	356	065:05:43.80 N	096:22:33.00 W
Summer	C-GLYF	645	XML_FLIGHT_SUMMARY	07/26/2021 11:29:49	0	0	0	0		
Summer	C-GLYF	646	POWER_ON	07/26/2021 11:58:47	NA	NA	NA	NA		
Summer	C-GLYF	646	SCHED	07/26/2021 11:59:22	1	0	131	310	065:05:43.80 N	096:22:32.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:01:30	2	1	171	237	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	646	DEPARTURE	07/26/2021 12:03:13	1	52	243	153	065:05:31.19 N	096:23:04.79 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:05:19	3	0	165	2	065:05:43.80 N	096:22:09.59 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:07:34	4	4	167	100	065:05:44.40 N	096:22:10.20 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:09:42	5	15	188	80	065:05:43.80 N	096:22:21.59 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:11:49	6	2	174	295	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:14:07	7	31	192	257	065:05:41.99 N	096:22:20.40 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:16:15	8	22	203	275	065:05:41.99 N	096:22:26.99 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:18:22	9	2	164	161	065:05:45.00 N	096:22:09.59 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:20:35	10	2	170	275	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:22:45	11	0	163	69	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:26:26	12	4	177	102	065:05:45.00 N	096:22:11.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:28:33	13	22	193	76	065:05:44.40 N	096:22:23.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:30:45	14	1	165	6	065:05:43.80 N	096:22:35.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:32:51	15	28	197	258	065:05:42.60 N	096:22:25.20 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:34:57	16	18	171	219	065:05:43.19 N	096:22:06.59 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:37:05	17	65	225	162	065:05:28.19 N	096:23:04.79 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:39:13	18	0	157	336	065:05:43.80 N	096:22:05.40 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:41:31	19	19	184	84	065:05:43.80 N	096:22:25.80 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:43:38	20	24	194	83	065:05:44.40 N	096:22:18.59 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:45:45	21	4	175	197	065:05:41.99 N	096:22:34.79 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:47:55	22	10	178	205	065:05:44.40 N	096:22:07.79 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:50:55	23	30	193	263	065:05:40.80 N	096:22:23.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:53:06	24	4	172	318	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:55:15	25	0	162	288	065:05:43.80 N	096:22:35.39 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:57:24	26	0	166	348	065:05:43.80 N	096:22:36.00 W
Summer	C-GLYF	646	SCHED	07/26/2021 12:59:44	27	60	203	240	065:05:40.80 N	096:22:30.60 W
Summer	C-GLYF	646	SCHED	07/26/2021 13:02:01	28	118	399	112	065:03:43.19 N	096:15:14.40 W
Summer	C-GLYF	646	SCHED	07/26/2021 13:04:08	29	114	365	115	065:02:18.59 N	096:05:40.20 W
Summer	C-GLYF	646	SCHED	07/26/2021 13:06:15	30	0	150	209	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	646	XML_OVERDUE_REPORT	07/26/2021 13:13:33	0	0	0	0		
Summer	C-GLYF	646	XML_FLIGHT_SUMMARY	07/26/2021 13:29:39	0	0	0	0		
Summer	C-GLYF	647	POWER_ON	07/26/2021 13:29:38	NA	NA	NA	NA		
Summer	C-GLYF	647	SCHED	07/26/2021 13:32:06	1	27	209	305	065:01:27.60 N	096:04:21.00 W
Summer	C-GLYF	647	DEPARTURE	07/26/2021 13:32:13	1	49	236	316	065:01:37.19 N	096:04:44.39 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:34:25	2	17	240	317	065:01:49.19 N	096:09:25.80 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:36:32	3	68	322	297	065:02:17.99 N	096:11:42.60 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:40:53	4	78	306	330	065:05:01.79 N	096:21:13.20 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:43:03	5	15	198	308	065:05:42.60 N	096:22:34.19 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:45:11	6	12	192	298	065:05:43.19 N	096:22:33.60 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:47:18	7	23	182	241	065:05:43.80 N	096:22:12.00 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:49:24	8	32	192	257	065:05:42.60 N	096:22:16.20 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:51:31	9	1	172	334	065:05:45.00 N	096:22:08.40 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:53:40	10	15	191	55	065:05:43.19 N	096:22:10.79 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:55:50	11	17	207	90	065:05:43.19 N	096:22:13.20 W
Summer	C-GLYF	647	SCHED	07/26/2021 13:57:56	12	17	188	96	065:05:40.19 N	096:22:27.60 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:00:03	13	1	168	301	065:05:41.39 N	096:22:35.39 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:02:11	14	17	195	295	065:05:40.80 N	096:22:30.60 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:04:17	15	31	196	258	065:05:41.99 N	096:22:17.39 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:06:25	16	31	197	250	065:05:43.80 N	096:22:16.20 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:08:32	17	1	176	163	065:05:45.00 N	096:22:09.00 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:10:44	18	20	204	85	065:05:43.80 N	096:22:23.39 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:12:53	19	1	172	335	065:05:43.80 N	096:22:35.39 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:15:01	20	6	192	296	065:05:43.19 N	096:22:34.79 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:17:09	21	1	174	62	065:05:45.00 N	096:22:09.59 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:19:20	22	1	175	340	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:21:42	23	56	237	222	065:05:44.40 N	096:22:41.99 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:23:56	24	115	454	112	065:04:00.60 N	096:15:19.20 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:26:02	25	120	433	108	065:02:10.79 N	096:05:53.99 W
Summer	C-GLYF	647	SCHED	07/26/2021 14:28:09	26	4	178	316	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	647	ARRIVAL	07/26/2021 14:29:43	1	0	146	229	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	647	XML_FLIGHT_SUMMARY	07/26/2021 14:29:44	0	0	0	0		
Summer	C-GLYF	647	SCHED	07/26/2021 14:31:55	27	0	143	229	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	648	POWER_ON	07/26/2021 14:52:07	NA	NA	NA	NA		
Summer	C-GLYF	648	SCHED	07/26/2021 14:53:00	1	13	149	311	065:01:27.00 N	096:04:13.20 W
Summer	C-GLYF	648	POWER_ON	07/26/2021 14:53:39	NA	NA	NA	NA		
Summer	C-GLYF	648	POWER_ON	07/26/2021 17:37:23	NA	NA	NA	NA		
Summer	C-GLYF	648	SCHED	07/26/2021 17:38:01	1	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:40:11	2	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:42:22	3	0	0	0	065:01:27.00 N	096:04:18.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	648	DEPARTURE	07/26/2021 17:42:30	1	3	0	300	065:01:51.60 N	096:09:25.80 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:44:40	4	71	350	302	065:02:30.00 N	096:12:10.20 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:46:51	5	77	380	308	065:03:58.80 N	096:17:12.60 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:49:00	6	37	277	320	065:05:35.99 N	096:21:58.20 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:51:07	7	1	166	262	065:05:44.40 N	096:22:09.59 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:53:20	8	94	281	137	065:05:21.59 N	096:22:25.20 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:55:28	9	117	423	125	065:02:50.99 N	096:14:33.59 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:57:37	10	0	193	20	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	648	SCHED	07/26/2021 17:59:46	11	115	362	126	065:02:05.40 N	096:04:29.39 W
Summer	C-GLYF	648	SCHED	07/26/2021 18:02:04	12	14	152	221	065:01:25.79 N	096:04:11.99 W
Summer	C-GLYF	648	ARRIVAL	07/26/2021 18:02:54	1	0	144	262	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	648	XML_FLIGHT_SUMMARY	07/26/2021 18:02:55	0	0	0	0		
Summer	C-GLYF	649	POWER_ON	07/26/2021 18:53:11	NA	NA	NA	NA		
Summer	C-GLYF	649	SCHED	07/26/2021 18:53:50	1	0	146	154	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	649	DEPARTURE	07/26/2021 18:55:14	1	80	177	135	065:01:23.40 N	096:03:35.40 W
Summer	C-GLYF	649	SCHED	07/26/2021 18:57:31	2	76	409	4	065:01:19.79 N	096:01:49.19 W
Summer	C-GLYF	649	SCHED	07/26/2021 18:59:41	3	95	383	227	065:02:58.80 N	096:05:35.40 W
Summer	C-GLYF	649	SCHED	07/26/2021 19:01:50	4	78	368	11	065:01:23.99 N	096:02:33.59 W
Summer	C-GLYF	649	SCHED	07/26/2021 19:04:02	5	81	227	8	065:04:07.20 N	096:01:34.19 W
Summer	C-GLYF	649	SCHED	07/26/2021 19:06:09	6	0	143	326	065:05:22.19 N	096:00:00.00 W
Summer	C-GLYF	649	ARRIVAL	07/26/2021 19:06:34	1	0	143	326	065:05:22.19 N	096:00:00.00 W
Summer	C-GLYF	649	XML_FLIGHT_SUMMARY	07/26/2021 19:06:35	0	0	0	0		
Summer	C-GLYF	650	DEPARTURE	07/26/2021 19:07:49	2	71	200	265	065:05:18.00 N	096:00:42.60 W
Summer	C-GLYF	650	SCHED	07/26/2021 19:09:56	7	100	327	272	065:05:12.00 N	096:08:42.60 W
Summer	C-GLYF	650	SCHED	07/26/2021 19:12:45	8	99	260	275	065:05:30.59 N	096:18:52.19 W
Summer	C-GLYF	650	SCHED	07/26/2021 19:15:10	9	0	126	263	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	650	ARRIVAL	07/26/2021 19:16:13	2	0	126	263	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	650	XML_FLIGHT_SUMMARY	07/26/2021 19:16:14	0	0	0	0		
Summer	C-GLYF	651	DEPARTURE	07/26/2021 19:18:02	3	82	182	175	065:05:32.39 N	096:22:31.79 W
Summer	C-GLYF	651	SCHED	07/26/2021 19:20:09	10	140	324	108	065:03:04.79 N	096:13:07.19 W
Summer	C-GLYF	651	SCHED	07/26/2021 19:22:17	11	79	212	206	065:01:34.79 N	096:03:31.20 W
Summer	C-GLYF	651	ARRIVAL	07/26/2021 19:23:46	3	0	138	220	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	651	XML_FLIGHT_SUMMARY	07/26/2021 19:23:47	0	0	0	0		
Summer	C-GLYF	652	DEPARTURE	07/26/2021 19:24:53	4	61	196	16	065:01:39.00 N	096:03:56.40 W
Summer	C-GLYF	652	SCHED	07/26/2021 19:27:44	12	49	205	323	065:05:20.40 N	095:59:59.39 W
Summer	C-GLYF	652	ARRIVAL	07/26/2021 19:28:54	4	0	139	354	065:05:27.59 N	096:00:17.39 W
Summer	C-GLYF	652	XML_FLIGHT_SUMMARY	07/26/2021 19:28:55	0	0	0	0		
Summer	C-GLYF	652	SCHED	07/26/2021 19:31:05	13	0	137	354	065:05:27.00 N	096:00:17.39 W
Summer	C-GLYF	653	DEPARTURE	07/26/2021 19:31:50	5	64	216	217	065:05:16.79 N	096:00:47.39 W
Summer	C-GLYF	653	SCHED	07/26/2021 19:34:06	14	80	213	223	065:01:35.40 N	096:03:31.80 W
Summer	C-GLYF	653	ARRIVAL	07/26/2021 19:35:24	5	0	138	254	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	653	XML_FLIGHT_SUMMARY	07/26/2021 19:35:25	0	0	0	0		
Summer	C-GLYF	653	SCHED	07/26/2021 19:37:31	15	0	139	254	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	653	SCHED	07/26/2021 19:39:39	16	0	140	133	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	654	POWER_ON	07/26/2021 19:57:13	NA	NA	NA	NA		
Summer	C-GLYF	654	SCHED	07/26/2021 19:57:53	1	0	143	69	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	654	DEPARTURE	07/26/2021 19:58:27	1	55	174	318	065:01:37.80 N	096:04:37.19 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:00:36	2	97	331	324	065:04:03.59 N	096:08:57.00 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:02:46	3	98	353	328	065:06:57.60 N	096:13:21.60 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:04:54	4	98	327	328	065:09:55.20 N	096:18:02.39 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:07:01	5	97	353	325	065:12:48.59 N	096:22:23.39 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:09:09	6	97	384	328	065:15:35.40 N	096:27:02.39 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:11:26	7	94	378	329	065:18:30.00 N	096:31:20.40 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:13:36	8	104	351	326	065:21:40.19 N	096:36:30.60 W
Summer	C-GLYF	654	SCHED	07/26/2021 20:15:43	9	7	165	316	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	654	ARRIVAL	07/26/2021 20:16:37	1	0	160	302	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	654	XML_FLIGHT_SUMMARY	07/26/2021 20:16:38	0	0	0	0		
Summer	C-GLYF	655	POWER_ON	07/26/2021 20:37:16	NA	NA	NA	NA		
Summer	C-GLYF	655	SCHED	07/26/2021 20:38:13	1	0	156	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	655	DEPARTURE	07/26/2021 20:38:37	1	81	230	176	065:23:43.80 N	096:41:00.00 W
Summer	C-GLYF	655	SCHED	07/26/2021 20:40:44	2	140	442	145	065:20:15.59 N	096:34:04.79 W
Summer	C-GLYF	655	SCHED	07/26/2021 20:42:54	3	140	458	147	065:16:16.20 N	096:27:38.99 W
Summer	C-GLYF	655	SCHED	07/26/2021 20:45:06	4	13	153	327	065:15:07.19 N	096:25:33.00 W
Summer	C-GLYF	655	ARRIVAL	07/26/2021 20:46:14	1	0	149	291	065:15:09.60 N	096:25:34.19 W
Summer	C-GLYF	655	XML_FLIGHT_SUMMARY	07/26/2021 20:46:15	0	0	0	0		
Summer	C-GLYF	655	SCHED	07/26/2021 20:48:22	5	0	146	291	065:15:09.60 N	096:25:34.79 W
Summer	C-GLYF	656	POWER_ON	07/26/2021 21:02:51	NA	NA	NA	NA		
Summer	C-GLYF	656	SCHED	07/26/2021 21:04:07	1	0	147	276	065:15:09.60 N	096:25:34.19 W
Summer	C-GLYF	656	DEPARTURE	07/26/2021 21:04:42	1	66	223	302	065:15:15.60 N	096:26:16.79 W
Summer	C-GLYF	656	SCHED	07/26/2021 21:06:53	2	95	386	325	065:17:54.00 N	096:30:32.39 W
Summer	C-GLYF	656	SCHED	07/26/2021 21:09:08	3	99	344	328	065:20:44.40 N	096:35:14.39 W
Summer	C-GLYF	656	SCHED	07/26/2021 21:11:20	4	67	217	326	065:23:35.40 N	096:39:54.00 W
Summer	C-GLYF	656	SCHED	07/26/2021 21:13:36	5	0	157	309	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	656	ARRIVAL	07/26/2021 21:13:44	1	0	157	309	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	656	XML_FLIGHT_SUMMARY	07/26/2021 21:13:45	0	0	0	0		
Summer	C-GLYF	657	DEPARTURE	07/26/2021 21:14:02	2	91	218	177	065:23:43.20 N	096:40:57.00 W
Summer	C-GLYF	657	SCHED	07/26/2021 21:16:11	6	137	433	144	065:20:02.99 N	096:34:34.19 W
Summer	C-GLYF	657	SCHED	07/26/2021 21:18:22	7	141	501	145	065:16:02.40 N	096:27:24.59 W
Summer	C-GLYF	657	SCHED	07/26/2021 21:20:28	8	135	441	149	065:11:46.79 N	096:20:50.99 W
Summer	C-GLYF	657	SCHED	07/26/2021 21:22:42	9	140	447	142	065:07:46.19 N	096:14:30.00 W
Summer	C-GLYF	657	SCHED	07/26/2021 21:24:49	10	143	402	143	065:03:41.39 N	096:06:41.99 W
Summer	C-GLYF	657	SCHED	07/26/2021 21:26:59	11	0	139	167	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	657	XML_FLIGHT_SUMMARY	07/26/2021 21:27:53	0	0	0	0		
Summer	C-GLYF	658	POWER_ON	07/26/2021 21:27:52	NA	NA	NA	NA		
Summer	C-GLYF	658	SCHED	07/26/2021 21:29:27	1	22	160	344	065:01:28.20 N	096:04:17.39 W
Summer	C-GLYF	658	DEPARTURE	07/26/2021 21:29:45	1	63	200	321	065:01:41.39 N	096:04:36.60 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:31:53	2	100	417	326	065:04:26.40 N	096:09:03.59 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:33:59	3	105	389	329	065:07:37.80 N	096:13:41.39 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:36:13	4	103	422	326	065:10:42.60 N	096:18:24.00 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:38:25	5	99	388	324	065:13:46.19 N	096:23:23.99 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:40:33	6	98	409	324	065:16:46.80 N	096:28:22.80 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:42:42	7	106	404	326	065:19:40.80 N	096:33:16.20 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:44:53	8	102	321	328	065:22:35.39 N	096:37:56.99 W
Summer	C-GLYF	658	SCHED	07/26/2021 21:47:01	9	0	158	299	065:23:54.59 N	096:40:28.79 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	658	ARRIVAL	07/26/2021 21:47:08	1	0	158	299	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	658	XML_FLIGHT_SUMMARY	07/26/2021 21:47:09	0	0	0	0		
Summer	C-GLYF	659	DEPARTURE	07/26/2021 21:48:14	2	61	189	180	065:23:38.40 N	096:40:28.79 W
Summer	C-GLYF	659	ARRIVAL	07/26/2021 21:49:37	2	0	157	349	065:23:25.80 N	096:40:36.59 W
Summer	C-GLYF	659	DEPARTURE	07/26/2021 21:50:45	3	74	200	85	065:23:35.40 N	096:40:13.20 W
Summer	C-GLYF	659	SCHED	07/26/2021 21:52:51	10	140	375	147	065:19:54.60 N	096:33:05.99 W
Summer	C-GLYF	659	SCHED	07/26/2021 21:55:02	11	142	375	144	065:15:45.59 N	096:26:47.39 W
Summer	C-GLYF	659	SCHED	07/26/2021 21:57:59	12	133	416	147	065:10:35.40 N	096:18:39.60 W
Summer	C-GLYF	659	SCHED	07/26/2021 22:00:06	13	142	385	144	065:05:54.59 N	096:11:08.39 W
Summer	C-GLYF	659	SCHED	07/26/2021 22:02:12	14	121	271	145	065:01:57.60 N	096:03:53.99 W
Summer	C-GLYF	659	ARRIVAL	07/26/2021 22:04:04	3	0	142	259	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	659	XML_FLIGHT_SUMMARY	07/26/2021 22:04:05	0	0	0	0		
Summer	C-GLYF	660	POWER_ON	07/26/2021 23:18:26	NA	NA	NA	NA		
Summer	C-GLYF	660	SCHED	07/26/2021 23:18:53	1	0	138	183	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	660	DEPARTURE	07/26/2021 23:19:53	1	69	182	313	065:01:38.39 N	096:04:41.39 W
Summer	C-GLYF	660	SCHED	07/26/2021 23:22:01	2	94	302	294	065:03:18.59 N	096:11:05.40 W
Summer	C-GLYF	660	SCHED	07/26/2021 23:24:08	3	96	301	292	065:04:39.60 N	096:18:15.00 W
Summer	C-GLYF	660	SCHED	07/26/2021 23:26:32	4	0	126	221	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	660	ARRIVAL	07/26/2021 23:28:16	1	0	127	221	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	660	XML_FLIGHT_SUMMARY	07/26/2021 23:28:17	0	0	0	0		
Summer	C-GLYF	660	SCHED	07/26/2021 23:30:31	5	0	127	221	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	660	SCHED	07/26/2021 23:32:41	6	0	128	221	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	660	SCHED	07/26/2021 23:34:48	7	0	128	221	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	660	SCHED	07/26/2021 23:36:58	8	73	173	188	065:05:35.39 N	096:22:28.20 W
Summer	C-GLYF	661	DEPARTURE	07/26/2021 23:37:09	2	77	181	177	065:05:31.80 N	096:22:28.20 W
Summer	C-GLYF	661	SCHED	07/26/2021 23:39:19	9	137	362	113	065:03:12.60 N	096:13:32.99 W
Summer	C-GLYF	661	SCHED	07/26/2021 23:41:26	10	71	211	191	065:01:31.19 N	096:03:28.20 W
Summer	C-GLYF	661	XML_OVERDUE_REPORT	07/26/2021 23:48:44	0	0	0	0		
Summer	C-GLYF	661	XML_FLIGHT_SUMMARY	07/27/2021 11:07:43	0	0	0	0		
Summer	C-GLYF	662	POWER_ON	07/27/2021 11:07:42	NA	NA	NA	NA		
Summer	C-GLYF	662	SCHED	07/27/2021 11:08:37	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	662	DEPARTURE	07/27/2021 11:09:51	1	66	135	318	065:01:39.59 N	096:04:47.40 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:12:00	2	108	318	288	065:03:19.20 N	096:11:44.39 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:14:06	3	112	269	302	065:04:59.99 N	096:20:05.99 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:16:14	4	0	132	237	065:05:45.60 N	096:22:09.59 W
Summer	C-GLYF	662	ARRIVAL	07/27/2021 11:16:21	1	0	132	237	065:05:45.60 N	096:22:09.59 W
Summer	C-GLYF	662	XML_FLIGHT_SUMMARY	07/27/2021 11:16:22	0	0	0	0		
Summer	C-GLYF	662	SCHED	07/27/2021 11:18:33	5	0	131	237	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:20:46	6	0	128	237	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:22:56	7	0	127	237	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:25:04	8	0	127	237	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	662	SCHED	07/27/2021 11:27:13	9	0	128	237	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	663	DEPARTURE	07/27/2021 11:29:45	2	73	174	76	065:05:54.59 N	096:21:31.80 W
Summer	C-GLYF	663	SCHED	07/27/2021 11:32:01	10	128	304	125	065:02:05.40 N	096:04:20.40 W
Summer	C-GLYF	663	ARRIVAL	07/27/2021 11:34:00	2	0	138	160	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	663	XML_FLIGHT_SUMMARY	07/27/2021 11:34:01	0	0	0	0		
Summer	C-GLYF	664	DEPARTURE	07/27/2021 11:35:09	3	63	241	312	065:01:37.80 N	096:04:45.60 W
Summer	C-GLYF	664	SCHED	07/27/2021 11:37:16	11	80	340	297	065:02:56.99 N	096:10:53.40 W
Summer	C-GLYF	664	SCHED	07/27/2021 11:40:23	12	83	303	302	065:04:30.59 N	096:18:40.20 W
Summer	C-GLYF	664	SCHED	07/27/2021 11:42:40	13	65	222	234	065:05:44.40 N	096:22:35.39 W
Summer	C-GLYF	664	SCHED	07/27/2021 11:47:16	14	103	401	130	065:02:31.79 N	096:07:16.80 W
Summer	C-GLYF	664	SCHED	07/27/2021 11:49:33	15	18	203	50	065:01:24.59 N	096:04:24.59 W
Summer	C-GLYF	664	SCHED	07/27/2021 11:51:45	16	0	146	149	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	664	ARRIVAL	07/27/2021 11:52:17	3	0	146	149	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	664	XML_FLIGHT_SUMMARY	07/27/2021 11:52:18	0	0	0	0		
Summer	C-GLYF	664	SCHED	07/27/2021 11:54:27	17	0	143	276	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	665	POWER_ON	07/27/2021 14:48:18	NA	NA	NA	NA		
Summer	C-GLYF	665	SCHED	07/27/2021 14:49:09	1	0	150	45	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	665	DEPARTURE	07/27/2021 14:50:09	1	70	178	311	065:01:37.80 N	096:04:41.39 W
Summer	C-GLYF	665	SCHED	07/27/2021 14:52:17	2	109	327	274	065:02:55.19 N	096:12:28.79 W
Summer	C-GLYF	665	SCHED	07/27/2021 14:54:27	3	81	238	271	065:02:49.79 N	096:21:28.20 W
Summer	C-GLYF	665	SCHED	07/27/2021 14:56:33	4	0	127	202	065:02:52.80 N	096:22:46.19 W
Summer	C-GLYF	665	XML_OVERDUE_REPORT	07/27/2021 15:03:46	0	0	0	0		
Summer	C-GLYF	665	XML_FLIGHT_SUMMARY	07/27/2021 15:06:39	0	0	0	0		
Summer	C-GLYF	666	POWER_ON	07/27/2021 15:06:38	NA	NA	NA	NA		
Summer	C-GLYF	666	SCHED	07/27/2021 15:07:16	1	0	127	174	065:02:53.39 N	096:22:46.19 W
Summer	C-GLYF	666	DEPARTURE	07/27/2021 15:08:27	1	65	173	53	065:03:06.60 N	096:22:19.19 W
Summer	C-GLYF	666	SCHED	07/27/2021 15:10:47	2	123	312	97	065:02:27.00 N	096:13:30.60 W
Summer	C-GLYF	666	SCHED	07/27/2021 15:13:02	3	75	201	227	065:01:31.19 N	096:03:37.19 W
Summer	C-GLYF	666	ARRIVAL	07/27/2021 15:14:18	1	0	135	207	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	666	XML_FLIGHT_SUMMARY	07/27/2021 15:14:19	0	0	0	0		
Summer	C-GLYF	666	SCHED	07/27/2021 15:16:28	4	0	136	207	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	666	SCHED	07/27/2021 15:18:48	5	0	142	138	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	667	POWER_ON	07/27/2021 16:48:34	NA	NA	NA	NA		
Summer	C-GLYF	667	SCHED	07/27/2021 16:49:25	1	0	140	330	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	667	DEPARTURE	07/27/2021 16:50:30	1	55	232	323	065:01:40.20 N	096:04:42.60 W
Summer	C-GLYF	667	SCHED	07/27/2021 16:53:17	2	83	433	318	065:04:16.20 N	096:09:22.19 W
Summer	C-GLYF	667	SCHED	07/27/2021 16:55:25	3	10	187	13	065:06:08.39 N	096:13:10.80 W
Summer	C-GLYF	667	SCHED	07/27/2021 16:58:21	4	101	260	239	065:04:49.79 N	096:15:46.80 W
Summer	C-GLYF	667	SCHED	07/27/2021 17:00:38	5	4	131	294	065:02:52.19 N	096:22:46.79 W
Summer	C-GLYF	667	ARRIVAL	07/27/2021 17:02:39	1	0	125	162	065:02:52.80 N	096:22:46.19 W
Summer	C-GLYF	667	XML_FLIGHT_SUMMARY	07/27/2021 17:02:40	0	0	0	0		
Summer	C-GLYF	667	SCHED	07/27/2021 17:02:47	6	0	126	162	065:02:52.80 N	096:22:46.19 W
Summer	C-GLYF	668	POWER_ON	07/27/2021 17:17:39	NA	NA	NA	NA		
Summer	C-GLYF	668	DEPARTURE	07/27/2021 17:18:34	1	71	182	39	065:03:09.59 N	096:22:27.60 W
Summer	C-GLYF	668	SCHED	07/27/2021 17:18:42	1	74	195	50	065:03:11.99 N	096:22:21.00 W
Summer	C-GLYF	668	SCHED	07/27/2021 17:21:05	2	117	254	43	065:04:59.40 N	096:14:18.60 W
Summer	C-GLYF	668	SCHED	07/27/2021 17:23:14	3	0	115	262	065:06:10.79 N	096:13:10.20 W
Summer	C-GLYF	668	XML_OVERDUE_REPORT	07/27/2021 17:30:35	0	0	0	0		
Summer	C-GLYF	668	XML_FLIGHT_SUMMARY	07/27/2021 20:09:05	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	669	POWER_ON	07/27/2021 20:09:04	NA	NA	NA	NA		
Summer	C-GLYF	669	SCHED	07/27/2021 20:09:43	1	0	132	320	065:06:09.59 N	096:13:08.39 W
Summer	C-GLYF	669	DEPARTURE	07/27/2021 20:10:07	1	76	168	152	065:05:54.59 N	096:13:10.20 W
Summer	C-GLYF	669	SCHED	07/27/2021 20:12:27	2	127	299	128	065:02:45.60 N	096:06:18.00 W
Summer	C-GLYF	669	SCHED	07/27/2021 20:14:42	3	0	149	252	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	669	XML_OVERDUE_REPORT	07/27/2021 20:21:59	0	0	0	0		
Summer	C-GLYF	669	XML_FLIGHT_SUMMARY	07/27/2021 20:25:31	0	0	0	0		
Summer	C-GLYF	670	POWER_ON	07/27/2021 20:25:30	NA	NA	NA	NA		
Summer	C-GLYF	670	SCHED	07/27/2021 20:26:07	1	0	173	80	065:01:25.79 N	096:04:14.39 W
Summer	C-GLYF	670	DEPARTURE	07/27/2021 20:26:33	1	63	189	312	065:01:35.40 N	096:04:43.19 W
Summer	C-GLYF	670	SCHED	07/27/2021 20:28:39	2	5	151	312	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	670	ARRIVAL	07/27/2021 20:29:29	1	0	145	328	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	670	DEPARTURE	07/27/2021 20:30:40	2	64	206	310	065:02:04.79 N	096:09:53.40 W
Summer	C-GLYF	670	SCHED	07/27/2021 20:32:53	3	112	346	320	065:04:03.59 N	096:16:34.19 W
Summer	C-GLYF	670	SCHED	07/27/2021 20:35:02	4	0	137	336	065:06:11.40 N	096:17:38.39 W
Summer	C-GLYF	670	ARRIVAL	07/27/2021 20:35:21	2	0	138	336	065:06:11.40 N	096:17:38.39 W
Summer	C-GLYF	670	XML_FLIGHT_SUMMARY	07/27/2021 20:35:22	0	0	0	0		
Summer	C-GLYF	671	DEPARTURE	07/27/2021 20:36:55	3	56	187	242	065:06:01.79 N	096:18:04.19 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:39:02	5	0	133	1	065:05:43.80 N	096:22:34.19 W
Summer	C-GLYF	671	ARRIVAL	07/27/2021 20:39:29	3	0	133	1	065:05:43.80 N	096:22:34.19 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:41:36	6	1	136	1	065:05:43.80 N	096:22:34.19 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:43:45	7	66	237	146	065:05:30.59 N	096:22:47.99 W
Summer	C-GLYF	671	DEPARTURE	07/27/2021 20:43:56	4	70	242	132	065:05:28.80 N	096:22:44.40 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:46:04	8	2	180	10	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:48:11	9	35	231	277	065:05:41.39 N	096:22:22.80 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:50:20	10	79	289	94	065:05:58.20 N	096:19:49.19 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:52:42	11	74	229	258	065:06:06.59 N	096:18:29.39 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:55:04	12	59	220	71	065:05:51.60 N	096:22:28.80 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:57:20	13	50	205	264	065:06:09.59 N	096:17:52.19 W
Summer	C-GLYF	671	SCHED	07/27/2021 20:59:40	14	1	165	305	065:05:43.19 N	096:22:35.39 W
Summer	C-GLYF	671	SCHED	07/27/2021 21:01:58	15	74	288	93	065:05:54.59 N	096:18:10.20 W
Summer	C-GLYF	671	SCHED	07/27/2021 21:04:05	16	72	238	263	065:06:06.59 N	096:18:45.60 W
Summer	C-GLYF	671	SCHED	07/27/2021 21:06:27	17	22	196	11	065:05:45.00 N	096:22:36.00 W
Summer	C-GLYF	671	SCHED	07/27/2021 21:08:42	18	1	173	40	065:06:12.00 N	096:17:39.59 W
Summer	C-GLYF	671	SCHED	07/27/2021 21:10:52	19	68	161	249	065:06:07.79 N	096:18:08.99 W
Summer	C-GLYF	671	SCHED	07/27/2021 21:13:02	20	0	125	229	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	671	ARRIVAL	07/27/2021 21:13:20	4	0	126	229	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	671	XML_FLIGHT_SUMMARY	07/27/2021 21:13:21	0	0	0	0		
Summer	C-GLYF	672	DEPARTURE	07/27/2021 21:13:54	5	89	183	50	065:06:02.99 N	096:22:00.00 W
Summer	C-GLYF	672	SCHED	07/27/2021 21:16:01	21	0	129	293	065:06:12.00 N	096:17:37.19 W
Summer	C-GLYF	672	ARRIVAL	07/27/2021 21:16:20	5	0	129	293	065:06:12.00 N	096:17:37.19 W
Summer	C-GLYF	672	SCHED	07/27/2021 21:18:27	22	0	130	293	065:06:12.00 N	096:17:37.19 W
Summer	C-GLYF	672	POWER_ON	07/27/2021 21:38:18	NA	NA	NA	NA		
Summer	C-GLYF	672	SCHED	07/27/2021 21:39:06	1	0	134	0	065:06:12.00 N	096:17:37.19 W
Summer	C-GLYF	672	DEPARTURE	07/27/2021 21:40:16	1	73	167	271	065:06:02.99 N	096:18:10.80 W
Summer	C-GLYF	672	SCHED	07/27/2021 21:42:23	2	0	128	202	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	672	ARRIVAL	07/27/2021 21:42:34	1	0	128	202	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	672	SCHED	07/27/2021 21:44:44	3	0	125	213	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	672	SCHED	07/27/2021 22:08:44	1	132	498	114	065:03:58.19 N	096:15:14.40 W
Summer	C-GLYF	672	XML_FLIGHT_SUMMARY	07/27/2021 22:09:46	0	0	0	0		
Summer	C-GLYF	673	DEPARTURE	07/27/2021 22:09:45	1	73	208	160	065:05:34.19 N	096:22:28.20 W
Summer	C-GLYF	673	ARRIVAL	07/27/2021 22:11:05	1	0	149	333	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	673	XML_FLIGHT_SUMMARY	07/27/2021 22:12:41	0	0	0	0		
Summer	C-GLYF	674	DEPARTURE	07/27/2021 22:12:40	2	69	197	13	065:02:01.80 N	096:09:10.80 W
Summer	C-GLYF	674	SCHED	07/27/2021 22:14:50	2	16	151	247	065:01:25.79 N	096:04:10.20 W
Summer	C-GLYF	674	XML_OVERDUE_REPORT	07/27/2021 22:22:03	0	0	0	0		
Summer	C-GLYF	674	POWER_ON	07/27/2021 22:51:32	NA	NA	NA	NA		
Summer	C-GLYF	674	SCHED	07/27/2021 22:52:09	1	0	137	234	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	674	DEPARTURE	07/27/2021 22:53:07	1	69	270	314	065:01:38.39 N	096:04:44.39 W
Summer	C-GLYF	674	SCHED	07/27/2021 22:55:14	2	81	319	294	065:02:58.80 N	096:10:49.20 W
Summer	C-GLYF	674	SCHED	07/27/2021 22:57:21	3	84	337	295	065:04:15.00 N	096:16:58.19 W
Summer	C-GLYF	674	SCHED	07/27/2021 22:59:27	4	27	228	337	065:05:41.99 N	096:22:09.00 W
Summer	C-GLYF	674	SCHED	07/27/2021 23:01:34	5	10	174	296	065:05:45.60 N	096:22:10.79 W
Summer	C-GLYF	674	SCHED	07/27/2021 23:06:07	6	112	383	110	065:02:47.39 N	096:08:54.59 W
Summer	C-GLYF	674	SCHED	07/27/2021 23:08:23	7	2	178	334	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	674	ARRIVAL	07/27/2021 23:10:12	1	0	143	127	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	674	XML_FLIGHT_SUMMARY	07/27/2021 23:10:13	0	0	0	0		
Summer	C-GLYF	674	SCHED	07/27/2021 23:12:23	8	4	142	335	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	675	DEPARTURE	07/27/2021 23:12:44	2	73	180	318	065:01:40.20 N	096:04:48.60 W
Summer	C-GLYF	675	SCHED	07/27/2021 23:14:51	9	101	345	296	065:03:10.20 N	096:11:48.00 W
Summer	C-GLYF	675	SCHED	07/27/2021 23:17:02	10	112	339	291	065:04:56.40 N	096:19:52.19 W
Summer	C-GLYF	675	ARRIVAL	07/27/2021 23:19:03	2	0	130	255	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	675	XML_FLIGHT_SUMMARY	07/27/2021 23:19:04	0	0	0	0		
Summer	C-GLYF	675	SCHED	07/27/2021 23:19:10	11	0	130	255	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	675	SCHED	07/27/2021 23:23:04	12	0	130	255	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	675	SCHED	07/27/2021 23:25:12	13	0	130	255	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	675	SCHED	07/27/2021 23:27:22	14	0	130	255	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	676	DEPARTURE	07/27/2021 23:29:15	3	78	193	195	065:05:35.39 N	096:22:43.79 W
Summer	C-GLYF	676	SCHED	07/27/2021 23:31:28	15	136	353	112	065:03:02.40 N	096:09:34.79 W
Summer	C-GLYF	676	SCHED	07/27/2021 23:33:42	16	0	135	209	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	676	ARRIVAL	07/27/2021 23:34:18	3	0	133	209	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	676	XML_FLIGHT_SUMMARY	07/27/2021 23:34:19	0	0	0	0		
Summer	C-GLYF	676	SCHED	07/27/2021 23:36:26	17	0	133	209	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	677	POWER_ON	07/28/2021 11:07:20	NA	NA	NA	NA		
Summer	C-GLYF	677	SCHED	07/28/2021 11:07:56	1	0	0	258	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	677	DEPARTURE	07/28/2021 11:09:15	1	65	0	320	065:01:38.39 N	096:04:49.79 W
Summer	C-GLYF	677	SCHED	07/28/2021 11:11:23	2	99	0	297	065:03:07.20 N	096:11:50.40 W
Summer	C-GLYF	677	SCHED	07/28/2021 11:13:32	3	105	35	307	065:04:59.40 N	096:19:05.40 W
Summer	C-GLYF	677	ARRIVAL	07/28/2021 11:15:49	1	0	119	264	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	677	XML_FLIGHT_SUMMARY	07/28/2021 11:15:50	0	0	0	0		
Summer	C-GLYF	677	SCHED	07/28/2021 11:16:01	4	0	119	264	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	677	SCHED	07/28/2021 11:18:51	5	0	120	264	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	677	SCHED	07/28/2021 11:20:59	6	0	121	264	065:05:45.60 N	096:22:09.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	677	SCHED	07/28/2021 11:23:11	7	27	137	327	065:05:47.40 N	096:22:11.39 W
Summer	C-GLYF	678	DEPARTURE	07/28/2021 11:24:34	2	76	199	59	065:06:01.79 N	096:22:01.20 W
Summer	C-GLYF	678	SCHED	07/28/2021 11:26:40	8	144	358	119	065:02:41.39 N	096:06:50.99 W
Summer	C-GLYF	678	SCHED	07/28/2021 11:28:52	9	0	140	260	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	678	XML_OVERDUE_REPORT	07/28/2021 11:36:08	0	0	0	0		
Summer	C-GLYF	678	XML_FLIGHT_SUMMARY	07/28/2021 11:58:10	0	0	0	0		
Summer	C-GLYF	679	POWER_ON	07/28/2021 11:58:09	NA	NA	NA	NA		
Summer	C-GLYF	679	SCHED	07/28/2021 11:59:06	1	0	149	128	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	679	DEPARTURE	07/28/2021 12:01:25	1	70	192	48	065:01:39.59 N	096:04:24.59 W
Summer	C-GLYF	679	ARRIVAL	07/28/2021 12:02:08	1	0	140	180	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	679	SCHED	07/28/2021 12:04:16	2	0	142	180	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	679	POWER_ON	07/28/2021 12:53:53	NA	NA	NA	NA		
Summer	C-GLYF	679	SCHED	07/28/2021 12:54:31	1	1	142	321	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	679	DEPARTURE	07/28/2021 12:56:15	1	66	183	314	065:01:39.59 N	096:04:46.79 W
Summer	C-GLYF	679	SCHED	07/28/2021 12:58:34	2	98	330	306	065:03:27.59 N	096:11:17.39 W
Summer	C-GLYF	679	SCHED	07/28/2021 13:00:50	3	109	248	296	065:05:31.19 N	096:19:28.80 W
Summer	C-GLYF	679	ARRIVAL	07/28/2021 13:02:44	1	0	123	248	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	679	XML_FLIGHT_SUMMARY	07/28/2021 13:02:45	0	0	0	0		
Summer	C-GLYF	680	POWER_ON	07/28/2021 14:46:40	NA	NA	NA	NA		
Summer	C-GLYF	680	SCHED	07/28/2021 14:47:49	1	0	136	334	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	680	SCHED	07/28/2021 14:49:57	2	1	164	182	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	680	DEPARTURE	07/28/2021 14:51:12	1	47	245	165	065:05:29.39 N	096:22:37.80 W
Summer	C-GLYF	680	SCHED	07/28/2021 14:53:19	3	56	314	66	065:05:40.19 N	096:18:40.20 W
Summer	C-GLYF	680	SCHED	07/28/2021 14:55:28	4	2	142	320	065:06:10.79 N	096:17:40.20 W
Summer	C-GLYF	680	SCHED	07/28/2021 14:57:37	5	0	117	245	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	680	ARRIVAL	07/28/2021 14:58:20	1	0	118	245	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	680	XML_FLIGHT_SUMMARY	07/28/2021 14:58:21	0	0	0	0		
Summer	C-GLYF	681	DEPARTURE	07/28/2021 14:59:08	2	76	176	55	065:06:00.60 N	096:21:56.40 W
Summer	C-GLYF	681	ARRIVAL	07/28/2021 15:01:13	2	0	138	353	065:06:10.79 N	096:17:40.80 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:01:20	6	0	138	353	065:06:10.79 N	096:17:40.80 W
Summer	C-GLYF	681	DEPARTURE	07/28/2021 15:02:32	3	61	227	251	065:06:06.00 N	096:18:16.79 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:05:42	7	84	267	89	065:05:55.20 N	096:21:03.59 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:07:48	8	85	236	256	065:05:56.99 N	096:20:05.99 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:10:09	9	78	243	84	065:05:58.80 N	096:21:30.60 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:12:18	10	72	240	256	065:06:04.20 N	096:18:55.80 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:14:25	11	1	170	318	065:05:45.00 N	096:22:09.00 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:16:37	12	49	252	39	065:06:02.39 N	096:17:36.59 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:18:47	13	0	174	356	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:20:55	14	49	240	267	065:05:42.60 N	096:21:55.80 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:23:15	15	98	304	89	065:05:52.19 N	096:18:13.20 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:25:24	16	80	270	257	065:05:56.99 N	096:19:57.60 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:27:33	17	76	285	73	065:05:58.80 N	096:21:22.80 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:29:40	18	51	204	255	065:06:09.00 N	096:17:51.00 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:31:51	19	0	157	292	065:05:45.00 N	096:22:09.59 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:34:04	20	90	304	109	065:05:54.59 N	096:18:19.79 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:36:11	21	13	168	244	065:06:11.40 N	096:17:40.20 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:38:19	22	2	160	273	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:40:27	23	87	307	103	065:06:03.59 N	096:19:55.20 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:42:42	24	54	209	256	065:06:07.79 N	096:18:05.40 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:44:50	25	4	161	20	065:05:45.00 N	096:22:08.40 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:47:00	26	25	228	340	065:06:07.79 N	096:17:31.20 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:49:09	27	75	263	256	065:05:59.40 N	096:19:30.00 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:51:15	28	10	209	20	065:05:47.40 N	096:22:10.20 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:53:38	29	66	292	78	065:05:59.99 N	096:17:39.00 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:55:47	30	41	199	257	065:06:10.79 N	096:17:49.19 W
Summer	C-GLYF	681	SCHED	07/28/2021 15:57:56	31	0	162	293	065:05:45.00 N	096:22:09.59 W
Summer	C-GLYF	681	SCHED	07/28/2021 16:00:08	32	110	383	112	065:04:22.19 N	096:17:52.19 W
Summer	C-GLYF	681	SCHED	07/28/2021 16:02:29	33	112	378	118	065:02:46.80 N	096:08:53.40 W
Summer	C-GLYF	681	SCHED	07/28/2021 16:04:42	34	2	189	42	065:01:20.40 N	096:04:28.80 W
Summer	C-GLYF	681	SCHED	07/28/2021 16:06:49	35	0	145	51	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	681	ARRIVAL	07/28/2021 16:07:15	3	0	145	51	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	681	XML_FLIGHT_SUMMARY	07/28/2021 16:07:16	0	0	0	0		
Summer	C-GLYF	682	POWER_ON	07/28/2021 16:24:14	NA	NA	NA	NA		
Summer	C-GLYF	682	SCHED	07/28/2021 16:25:12	1	0	135	242	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	682	DEPARTURE	07/28/2021 16:26:18	1	59	248	318	065:01:37.19 N	096:04:42.60 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:28:26	2	27	240	280	065:01:48.60 N	096:09:19.19 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:30:40	3	58	294	303	065:02:18.59 N	096:11:03.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:32:46	4	71	319	332	065:04:00.00 N	096:15:23.40 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:34:59	5	31	249	324	065:06:07.79 N	096:17:34.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:37:07	6	86	284	254	065:05:47.40 N	096:21:10.20 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:39:18	7	94	302	100	065:05:50.40 N	096:19:41.99 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:41:26	8	66	244	253	065:06:06.00 N	096:18:33.59 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:43:39	9	11	174	313	065:05:45.00 N	096:22:10.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:45:47	10	1	175	356	065:06:12.00 N	096:17:39.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:47:57	11	23	230	304	065:05:43.19 N	096:22:06.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:50:16	12	96	308	91	065:05:54.59 N	096:18:04.19 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:53:17	13	7	191	309	065:05:44.40 N	096:22:08.40 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:55:25	14	33	232	329	065:06:07.79 N	096:17:31.20 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:57:34	15	66	238	256	065:05:43.80 N	096:21:41.99 W
Summer	C-GLYF	682	SCHED	07/28/2021 16:59:42	16	101	313	97	065:05:55.20 N	096:19:16.20 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:01:54	17	78	246	254	065:05:59.99 N	096:19:18.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:04:13	18	23	234	21	065:05:49.19 N	096:22:05.40 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:06:30	19	1	172	7	065:06:11.40 N	096:17:39.59 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:08:38	20	0	163	303	065:05:45.00 N	096:22:10.20 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:10:48	21	52	298	20	065:05:59.99 N	096:17:38.39 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:12:59	22	81	268	251	065:05:46.19 N	096:21:19.19 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:15:06	23	82	287	90	065:05:55.79 N	096:20:24.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:17:17	24	72	233	251	065:06:04.20 N	096:18:52.80 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:19:27	25	52	250	66	065:05:50.99 N	096:21:46.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:21:40	26	22	198	280	065:06:12.00 N	096:17:43.80 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:24:40	27	9	186	24	065:05:45.00 N	096:22:07.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:27:31	28	60	228	256	065:06:09.00 N	096:18:14.39 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:29:40	29	20	201	64	065:05:46.80 N	096:22:04.20 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:31:50	30	8	206	7	065:06:10.79 N	096:17:40.80 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:34:09	31	53	236	264	065:05:41.99 N	096:21:51.59 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:36:16	32	50	273	27	065:06:02.99 N	096:17:39.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:38:22	33	81	245	254	065:05:51.60 N	096:20:55.20 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:40:37	34	46	240	22	065:05:58.20 N	096:22:18.59 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:42:43	35	12	207	311	065:06:10.20 N	096:17:34.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	682	SCHED	07/28/2021 17:44:50	36	70	231	261	065:06:02.99 N	096:19:10.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:46:57	37	53	248	39	065:05:54.59 N	096:22:01.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:49:06	38	3	182	303	065:06:12.60 N	096:17:39.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:51:17	39	28	212	280	065:05:42.60 N	096:21:55.80 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:53:26	40	91	296	94	065:05:56.99 N	096:18:24.59 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:55:35	41	82	256	254	065:05:53.99 N	096:20:18.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:57:42	42	88	282	135	065:05:16.19 N	096:22:19.79 W
Summer	C-GLYF	682	SCHED	07/28/2021 17:59:50	43	110	361	115	065:03:42.60 N	096:14:18.00 W
Summer	C-GLYF	682	SCHED	07/28/2021 18:01:58	44	107	369	117	065:02:09.59 N	096:05:46.19 W
Summer	C-GLYF	682	SCHED	07/28/2021 18:04:04	45	3	170	91	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	682	ARRIVAL	07/28/2021 18:05:06	1	0	148	251	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	682	XML_FLIGHT_SUMMARY	07/28/2021 18:05:07	0	0	0	0		
Summer	C-GLYF	682	SCHED	07/28/2021 18:07:14	46	0	145	251	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	682	SCHED	07/28/2021 18:09:19	47	0	146	296	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	683	POWER_ON	07/28/2021 18:27:24	NA	NA	NA	NA		
Summer	C-GLYF	683	SCHED	07/28/2021 18:28:04	1	0	141	160	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	683	DEPARTURE	07/28/2021 18:29:22	1	50	260	309	065:01:35.40 N	096:04:45.00 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:31:29	2	27	270	288	065:01:47.39 N	096:09:18.00 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:33:37	3	51	267	321	065:02:04.79 N	096:10:02.39 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:35:48	4	79	329	320	065:03:58.80 N	096:13:51.59 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:37:56	5	39	258	326	065:06:03.59 N	096:17:27.60 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:40:03	6	79	253	257	065:05:58.20 N	096:19:30.59 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:42:17	7	64	252	77	065:05:53.99 N	096:21:26.99 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:44:26	8	39	191	252	065:06:10.20 N	096:17:48.00 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:46:36	9	1	161	348	065:05:44.40 N	096:22:05.40 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:48:45	10	40	244	3	065:06:04.20 N	096:17:36.00 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:50:51	11	82	272	253	065:05:46.19 N	096:21:15.00 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:53:04	12	81	298	90	065:05:57.60 N	096:20:05.99 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:55:12	13	42	204	256	065:06:10.20 N	096:17:51.00 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:57:24	14	1	164	340	065:05:45.00 N	096:22:09.59 W
Summer	C-GLYF	683	SCHED	07/28/2021 18:59:36	15	82	310	103	065:05:55.79 N	096:18:47.39 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:01:42	16	61	234	255	065:06:07.79 N	096:18:11.99 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:03:52	17	1	158	339	065:05:45.00 N	096:22:09.59 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:06:04	18	32	252	358	065:06:06.00 N	096:17:40.20 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:08:10	19	87	290	253	065:05:48.60 N	096:20:47.39 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:10:22	20	90	297	86	065:05:58.20 N	096:19:59.39 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:12:31	21	72	245	255	065:06:03.59 N	096:18:46.79 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:14:49	22	21	189	32	065:05:46.19 N	096:22:04.20 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:16:57	23	0	181	15	065:06:12.00 N	096:17:38.39 W
Summer	C-GLYF	683	SCHED	07/28/2021 19:19:09	24	95	227	251	065:05:53.40 N	096:20:40.20 W
Summer	C-GLYF	683	ARRIVAL	07/28/2021 19:20:42	1	0	126	243	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	683	XML_FLIGHT_SUMMARY	07/28/2021 19:20:43	0	0	0	0		
Summer	C-GLYF	684	DEPARTURE	07/28/2021 19:22:02	2	83	172	73	065:05:58.20 N	096:21:45.00 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:24:12	25	0	139	11	065:06:10.79 N	096:17:40.20 W
Summer	C-GLYF	684	ARRIVAL	07/28/2021 19:24:25	2	0	139	11	065:06:10.79 N	096:17:40.20 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:26:35	26	1	172	38	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:28:43	27	0	143	351	065:06:10.79 N	096:17:37.80 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:30:50	28	0	141	138	065:06:10.79 N	096:17:37.80 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:33:08	29	88	170	104	065:06:18.00 N	096:17:25.20 W
Summer	C-GLYF	684	DEPARTURE	07/28/2021 19:33:18	3	88	170	104	065:06:18.00 N	096:17:25.20 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:35:48	30	124	323	130	065:03:19.79 N	096:08:42.60 W
Summer	C-GLYF	684	SCHED	07/28/2021 19:38:07	31	0	138	245	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	684	ARRIVAL	07/28/2021 19:39:08	3	0	137	245	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	684	XML_FLIGHT_SUMMARY	07/28/2021 19:39:09	0	0	0	0		
Summer	C-GLYF	685	POWER_ON	07/28/2021 19:50:45	NA	NA	NA	NA		
Summer	C-GLYF	685	SCHED	07/28/2021 19:51:27	1	0	152	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	685	DEPARTURE	07/28/2021 19:51:56	1	55	199	320	065:01:37.80 N	096:04:31.80 W
Summer	C-GLYF	685	SCHED	07/28/2021 19:54:14	2	96	366	325	065:04:11.40 N	096:09:02.39 W
Summer	C-GLYF	685	SCHED	07/28/2021 19:56:24	3	101	375	326	065:07:18.00 N	096:14:11.99 W
Summer	C-GLYF	685	SCHED	07/28/2021 19:58:34	4	100	355	327	065:10:20.39 N	096:18:58.19 W
Summer	C-GLYF	685	SCHED	07/28/2021 20:00:45	5	104	404	326	065:13:23.40 N	096:23:28.80 W
Summer	C-GLYF	685	SCHED	07/28/2021 20:02:53	6	98	414	328	065:16:28.20 N	096:28:13.19 W
Summer	C-GLYF	685	SCHED	07/28/2021 20:05:04	7	105	401	325	065:19:22.79 N	096:33:00.60 W
Summer	C-GLYF	685	SCHED	07/28/2021 20:07:13	8	104	305	328	065:22:31.19 N	096:37:58.79 W
Summer	C-GLYF	685	SCHED	07/28/2021 20:09:49	9	0	161	278	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	685	ARRIVAL	07/28/2021 20:09:57	1	0	161	278	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	685	XML_FLIGHT_SUMMARY	07/28/2021 20:09:58	0	0	0	0		
Summer	C-GLYF	686	POWER_ON	07/28/2021 20:46:01	NA	NA	NA	NA		
Summer	C-GLYF	686	SCHED	07/28/2021 20:46:40	1	0	156	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	686	DEPARTURE	07/28/2021 20:47:36	1	71	195	258	065:23:50.99 N	096:41:13.20 W
Summer	C-GLYF	686	SCHED	07/28/2021 20:49:43	2	95	355	317	065:25:23.39 N	096:47:30.60 W
Summer	C-GLYF	686	SCHED	07/28/2021 20:51:53	3	98	361	313	065:27:49.79 N	096:53:41.99 W
Summer	C-GLYF	686	SCHED	07/28/2021 20:53:59	4	92	322	303	065:29:54.60 N	097:00:33.59 W
Summer	C-GLYF	686	ARRIVAL	07/28/2021 20:55:43	1	0	166	339	065:30:17.99 N	097:00:53.39 W
Summer	C-GLYF	686	XML_FLIGHT_SUMMARY	07/28/2021 20:55:44	0	0	0	0		
Summer	C-GLYF	686	SCHED	07/28/2021 20:57:50	5	15	170	291	065:30:17.99 N	097:00:55.80 W
Summer	C-GLYF	687	DEPARTURE	07/28/2021 20:58:14	2	55	197	197	065:30:17.40 N	097:00:43.80 W
Summer	C-GLYF	687	SCHED	07/28/2021 21:01:25	6	135	414	136	065:27:07.19 N	096:52:36.60 W
Summer	C-GLYF	687	SCHED	07/28/2021 21:03:39	7	114	254	100	065:23:31.80 N	096:41:41.99 W
Summer	C-GLYF	687	ARRIVAL	07/28/2021 21:05:16	2	0	147	285	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	687	XML_FLIGHT_SUMMARY	07/28/2021 21:05:17	0	0	0	0		
Summer	C-GLYF	688	POWER_ON	07/28/2021 21:13:36	NA	NA	NA	NA		
Summer	C-GLYF	688	SCHED	07/28/2021 21:14:22	1	0	156	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	688	DEPARTURE	07/28/2021 21:16:08	1	53	284	250	065:23:49.20 N	096:41:16.19 W
Summer	C-GLYF	688	SCHED	07/28/2021 21:18:15	2	61	346	318	065:24:41.99 N	096:45:36.00 W
Summer	C-GLYF	688	SCHED	07/28/2021 21:20:25	3	68	362	308	065:26:19.79 N	096:49:34.19 W
Summer	C-GLYF	688	SCHED	07/28/2021 21:22:33	4	68	328	313	065:27:53.39 N	096:54:07.80 W
Summer	C-GLYF	688	SCHED	07/28/2021 21:24:40	5	73	315	314	065:29:22.80 N	096:58:27.60 W
Summer	C-GLYF	688	SCHED	07/28/2021 21:26:50	6	2	189	84	065:30:18.59 N	097:00:55.80 W
Summer	C-GLYF	688	ARRIVAL	07/28/2021 21:27:49	1	0	173	44	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	688	XML_FLIGHT_SUMMARY	07/28/2021 21:27:50	0	0	0	0		
Summer	C-GLYF	688	SCHED	07/28/2021 21:30:02	7	0	170	44	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	689	POWER_ON	07/28/2021 21:57:41	NA	NA	NA	NA		
Summer	C-GLYF	689	SCHED	07/28/2021 21:58:08	1	0	170	328	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	689	DEPARTURE	07/28/2021 21:59:00	1	54	213	338	065:30:34.79 N	097:00:53.39 W
Summer	C-GLYF	689	ARRIVAL	07/28/2021 22:01:08	1	0	124	13	065:31:10.19 N	097:01:13.20 W
Summer	C-GLYF	689	SCHED	07/28/2021 22:01:29	2	0	124	13	065:31:10.19 N	097:01:13.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	689	DEPARTURE	07/28/2021 22:03:02	2	68	191	169	065:30:56.99 N	097:01:24.59 W
Summer	C-GLYF	689	SCHED	07/28/2021 22:05:10	3	0	123	18	065:29:07.19 N	097:01:10.20 W
Summer	C-GLYF	689	ARRIVAL	07/28/2021 22:05:37	2	0	123	18	065:29:07.19 N	097:01:10.20 W
Summer	C-GLYF	689	DEPARTURE	07/28/2021 22:07:44	3	63	163	184	065:28:57.59 N	097:00:58.19 W
Summer	C-GLYF	689	ARRIVAL	07/28/2021 22:09:27	3	0	123	15	065:28:29.99 N	097:01:07.19 W
Summer	C-GLYF	689	SCHED	07/28/2021 22:11:37	4	46	141	340	065:28:36.00 N	097:01:10.80 W
Summer	C-GLYF	689	DEPARTURE	07/28/2021 22:11:46	4	65	162	359	065:28:46.79 N	097:01:14.39 W
Summer	C-GLYF	689	SCHED	07/28/2021 22:13:55	5	0	174	354	065:30:27.60 N	097:01:36.59 W
Summer	C-GLYF	689	ARRIVAL	07/28/2021 22:14:21	4	0	174	354	065:30:27.60 N	097:01:36.59 W
Summer	C-GLYF	689	DEPARTURE	07/28/2021 22:16:56	5	77	222	101	065:30:34.20 N	097:00:53.39 W
Summer	C-GLYF	689	SCHED	07/28/2021 22:19:14	6	128	383	140	065:26:24.60 N	096:50:11.40 W
Summer	C-GLYF	689	SCHED	07/28/2021 22:21:27	7	111	277	95	065:23:25.20 N	096:41:19.79 W
Summer	C-GLYF	689	ARRIVAL	07/28/2021 22:23:00	5	0	163	2	065:23:55.20 N	096:40:30.60 W
Summer	C-GLYF	689	XML_FLIGHT_SUMMARY	07/28/2021 22:23:01	0	0	0	0		
Summer	C-GLYF	690	DEPARTURE	07/28/2021 22:24:38	6	74	206	140	065:23:44.99 N	096:39:51.59 W
Summer	C-GLYF	690	SCHED	07/28/2021 22:26:48	8	130	355	146	065:20:13.79 N	096:34:01.79 W
Summer	C-GLYF	690	SCHED	07/28/2021 22:30:35	9	127	438	145	065:13:19.79 N	096:22:47.99 W
Summer	C-GLYF	690	SCHED	07/28/2021 22:32:50	10	137	416	147	065:09:20.39 N	096:16:21.59 W
Summer	C-GLYF	690	SCHED	07/28/2021 22:35:00	11	137	402	141	065:05:05.99 N	096:10:00.00 W
Summer	C-GLYF	690	SCHED	07/28/2021 22:37:09	12	72	209	198	065:01:33.00 N	096:03:37.19 W
Summer	C-GLYF	690	ARRIVAL	07/28/2021 22:38:29	6	0	137	245	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	690	XML_FLIGHT_SUMMARY	07/28/2021 22:38:30	0	0	0	0		
Summer	C-GLYF	690	SCHED	07/28/2021 22:40:42	13	0	137	245	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	691	POWER_ON	07/28/2021 23:09:57	NA	NA	NA	NA		
Summer	C-GLYF	691	SCHED	07/28/2021 23:10:36	1	0	138	249	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	691	DEPARTURE	07/28/2021 23:11:08	1	62	182	311	065:01:37.19 N	096:04:41.99 W
Summer	C-GLYF	691	SCHED	07/28/2021 23:13:17	2	101	349	309	065:03:41.39 N	096:10:18.00 W
Summer	C-GLYF	691	SCHED	07/28/2021 23:16:16	3	18	144	313	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	691	ARRIVAL	07/28/2021 23:17:09	1	0	130	351	065:06:11.40 N	096:17:40.80 W
Summer	C-GLYF	691	XML_FLIGHT_SUMMARY	07/28/2021 23:17:10	0	0	0	0		
Summer	C-GLYF	691	SCHED	07/28/2021 23:19:20	4	0	130	162	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	691	SCHED	07/28/2021 23:21:30	5	0	131	162	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	691	SCHED	07/28/2021 23:23:37	6	0	131	162	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	691	SCHED	07/28/2021 23:25:49	7	0	131	162	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	692	DEPARTURE	07/28/2021 23:27:17	2	88	163	139	065:06:16.79 N	096:17:15.60 W
Summer	C-GLYF	692	SCHED	07/28/2021 23:30:14	8	130	325	125	065:03:00.00 N	096:08:05.40 W
Summer	C-GLYF	692	SCHED	07/28/2021 23:32:34	9	0	133	186	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	692	ARRIVAL	07/28/2021 23:32:50	2	0	133	186	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	692	XML_FLIGHT_SUMMARY	07/28/2021 23:32:51	0	0	0	0		
Summer	C-GLYF	692	SCHED	07/28/2021 23:35:11	10	0	132	186	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	693	POWER_ON	07/29/2021 11:09:56	NA	NA	NA	NA		
Summer	C-GLYF	693	SCHED	07/29/2021 11:11:17	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	693	DEPARTURE	07/29/2021 11:13:14	1	71	161	315	065:01:40.20 N	096:04:52.19 W
Summer	C-GLYF	693	SCHED	07/29/2021 11:15:25	2	116	318	310	065:04:10.20 N	096:11:35.40 W
Summer	C-GLYF	693	SCHED	07/29/2021 11:17:31	3	15	149	304	065:06:10.79 N	096:17:41.39 W
Summer	C-GLYF	693	ARRIVAL	07/29/2021 11:19:21	1	0	139	123	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	693	XML_FLIGHT_SUMMARY	07/29/2021 11:19:22	0	0	0	0		
Summer	C-GLYF	693	SCHED	07/29/2021 11:21:28	4	0	139	123	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	693	SCHED	07/29/2021 11:23:40	5	0	139	123	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	693	SCHED	07/29/2021 11:26:01	6	0	139	123	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	693	SCHED	07/29/2021 11:28:25	7	0	139	123	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	693	SCHED	07/29/2021 11:30:41	8	0	139	123	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	694	DEPARTURE	07/29/2021 11:31:43	2	72	184	134	065:05:59.99 N	096:17:07.19 W
Summer	C-GLYF	694	SCHED	07/29/2021 11:34:03	9	110	285	125	065:03:29.39 N	096:09:30.60 W
Summer	C-GLYF	694	SCHED	07/29/2021 11:37:01	10	0	137	220	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	694	ARRIVAL	07/29/2021 11:37:10	2	0	137	220	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	694	XML_FLIGHT_SUMMARY	07/29/2021 11:37:11	0	0	0	0		
Summer	C-GLYF	695	DEPARTURE	07/29/2021 11:37:40	3	73	197	328	065:01:42.59 N	096:04:28.20 W
Summer	C-GLYF	695	SCHED	07/29/2021 11:39:53	11	118	403	327	065:04:58.20 N	096:10:13.80 W
Summer	C-GLYF	695	SCHED	07/29/2021 11:42:11	12	119	426	326	065:08:37.19 N	096:15:55.20 W
Summer	C-GLYF	695	SCHED	07/29/2021 11:44:23	13	118	461	326	065:12:20.99 N	096:22:00.00 W
Summer	C-GLYF	695	SCHED	07/29/2021 11:46:33	14	121	515	324	065:15:54.60 N	096:28:06.60 W
Summer	C-GLYF	695	SCHED	07/29/2021 11:48:42	15	124	426	324	065:19:23.39 N	096:34:22.19 W
Summer	C-GLYF	695	SCHED	07/29/2021 11:50:55	16	102	316	325	065:22:57.60 N	096:40:09.00 W
Summer	C-GLYF	695	ARRIVAL	07/29/2021 11:52:46	3	0	162	329	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	695	XML_FLIGHT_SUMMARY	07/29/2021 11:52:47	0	0	0	0		
Summer	C-GLYF	696	POWER_ON	07/29/2021 12:07:43	NA	NA	NA	NA		
Summer	C-GLYF	696	SCHED	07/29/2021 12:08:26	1	0	160	0	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	696	DEPARTURE	07/29/2021 12:10:00	1	62	208	144	065:23:43.80 N	096:39:59.39 W
Summer	C-GLYF	696	SCHED	07/29/2021 12:14:20	2	109	410	144	065:18:14.99 N	096:29:52.80 W
Summer	C-GLYF	696	SCHED	07/29/2021 12:16:32	3	25	175	131	065:15:19.20 N	096:25:48.59 W
Summer	C-GLYF	696	XML_FLIGHT_SUMMARY	07/29/2021 12:23:14	0	0	0	0		
Summer	C-GLYF	697	POWER_ON	07/29/2021 12:23:13	NA	NA	NA	NA		
Summer	C-GLYF	697	SCHED	07/29/2021 12:23:54	1	0	150	0	065:15:10.19 N	096:25:34.79 W
Summer	C-GLYF	697	SCHED	07/29/2021 12:26:02	2	0	150	0	065:15:10.19 N	096:25:34.19 W
Summer	C-GLYF	697	DEPARTURE	07/29/2021 12:27:45	1	78	188	269	065:14:56.99 N	096:25:57.60 W
Summer	C-GLYF	697	SCHED	07/29/2021 12:29:54	3	119	371	320	065:18:01.79 N	096:32:15.00 W
Summer	C-GLYF	697	SCHED	07/29/2021 12:32:02	4	124	357	328	065:21:35.39 N	096:38:25.80 W
Summer	C-GLYF	697	SCHED	07/29/2021 12:34:09	5	0	156	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	697	ARRIVAL	07/29/2021 12:34:42	1	0	157	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	697	XML_FLIGHT_SUMMARY	07/29/2021 12:34:43	0	0	0	0		
Summer	C-GLYF	697	SCHED	07/29/2021 12:37:50	6	0	158	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	698	DEPARTURE	07/29/2021 12:37:59	2	65	208	176	065:23:42.60 N	096:40:01.79 W
Summer	C-GLYF	698	SCHED	07/29/2021 12:40:06	7	119	386	310	065:25:21.60 N	096:47:41.39 W
Summer	C-GLYF	698	SCHED	07/29/2021 12:42:13	8	118	364	310	065:28:11.39 N	096:55:14.39 W
Summer	C-GLYF	698	SCHED	07/29/2021 12:44:22	9	98	270	343	065:31:07.19 N	097:00:54.60 W
Summer	C-GLYF	698	SCHED	07/29/2021 12:46:44	10	100	335	336	065:30:18.59 N	097:03:13.20 W
Summer	C-GLYF	698	ARRIVAL	07/29/2021 12:48:34	2	0	135	157	065:31:04.19 N	097:02:44.39 W
Summer	C-GLYF	698	XML_FLIGHT_SUMMARY	07/29/2021 12:48:35	0	0	0	0		
Summer	C-GLYF	699	DEPARTURE	07/29/2021 12:50:03	3	69	189	134	065:30:52.19 N	097:02:08.40 W
Summer	C-GLYF	699	ARRIVAL	07/29/2021 12:51:40	3	0	159	290	065:30:17.99 N	097:00:54.60 W
Summer	C-GLYF	699	SCHED	07/29/2021 12:53:56	11	0	160	290	065:30:17.99 N	097:00:54.60 W
Summer	C-GLYF	699	DEPARTURE	07/29/2021 12:55:25	4	78	190	177	065:29:58.80 N	097:00:49.19 W
Summer	C-GLYF	699	SCHED	07/29/2021 12:57:32	12	0	121	192	065:28:29.99 N	097:01:07.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	699	ARRIVAL	07/29/2021 12:58:00	4	0	122	192	065:28:29.99 N	097:01:07.19 W
Summer	C-GLYF	699	DEPARTURE	07/29/2021 12:58:52	5	60	171	106	065:28:21.60 N	097:00:33.59 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:01:02	13	109	334	139	065:26:09.60 N	096:54:25.80 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:03:17	14	106	441	139	065:23:19.19 N	096:48:14.39 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:05:28	15	107	463	140	065:20:15.59 N	096:42:07.80 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:07:37	16	109	452	139	065:17:17.39 N	096:35:54.59 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:10:34	17	108	429	136	065:13:43.20 N	096:28:18.00 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:12:59	18	108	474	138	065:10:31.79 N	096:20:56.99 W
Summer	C-GLYF	699	SCHED	07/29/2021 13:15:05	19	107	332	141	065:07:04.79 N	096:14:33.00 W
Summer	C-GLYF	699	ARRIVAL	07/29/2021 13:17:09	5	0	119	195	065:06:10.20 N	096:13:10.20 W
Summer	C-GLYF	699	XML_FLIGHT_SUMMARY	07/29/2021 13:17:10	0	0	0	0		
Summer	C-GLYF	699	SCHED	07/29/2021 13:18:16	20	0	119	195	065:06:10.20 N	096:13:10.20 W
Summer	C-GLYF	700	POWER_ON	07/29/2021 13:27:13	NA	NA	NA	NA		
Summer	C-GLYF	700	SCHED	07/29/2021 13:28:28	1	2	125	61	065:06:10.20 N	096:13:09.59 W
Summer	C-GLYF	700	DEPARTURE	07/29/2021 13:29:14	1	54	241	135	065:05:58.80 N	096:12:40.79 W
Summer	C-GLYF	700	SCHED	07/29/2021 13:31:30	2	81	401	148	065:03:58.80 N	096:08:49.79 W
Summer	C-GLYF	700	SCHED	07/29/2021 13:33:40	3	49	313	140	065:01:40.20 N	096:04:37.19 W
Summer	C-GLYF	700	ARRIVAL	07/29/2021 13:35:48	1	0	151	248	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	700	XML_FLIGHT_SUMMARY	07/29/2021 13:35:49	0	0	0	0		
Summer	C-GLYF	700	SCHED	07/29/2021 13:36:05	4	0	151	248	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	701	POWER_ON	07/29/2021 13:56:46	NA	NA	NA	NA		
Summer	C-GLYF	701	SCHED	07/29/2021 13:57:27	1	0	148	209	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	701	DEPARTURE	07/29/2021 13:59:28	1	80	259	326	065:01:40.80 N	096:04:10.79 W
Summer	C-GLYF	701	SCHED	07/29/2021 14:01:48	2	2	200	166	065:01:50.39 N	096:09:30.00 W
Summer	C-GLYF	701	ARRIVAL	07/29/2021 14:03:02	1	0	159	50	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	701	SCHED	07/29/2021 14:05:13	3	0	156	50	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	701	POWER_ON	07/29/2021 14:35:54	NA	NA	NA	NA		
Summer	C-GLYF	701	SCHED	07/29/2021 14:36:45	1	0	156	0	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	701	DEPARTURE	07/29/2021 14:37:09	1	80	215	353	065:02:04.79 N	096:09:12.60 W
Summer	C-GLYF	701	SCHED	07/29/2021 14:39:20	2	125	288	313	065:05:03.59 N	096:15:50.40 W
Summer	C-GLYF	701	ARRIVAL	07/29/2021 14:41:21	1	0	139	13	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	701	XML_FLIGHT_SUMMARY	07/29/2021 14:41:22	0	0	0	0		
Summer	C-GLYF	701	SCHED	07/29/2021 14:41:35	3	0	139	13	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	702	DEPARTURE	07/29/2021 14:42:20	2	83	174	270	065:05:53.99 N	096:17:52.80 W
Summer	C-GLYF	702	SCHED	07/29/2021 14:44:32	4	0	128	184	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	702	ARRIVAL	07/29/2021 14:44:40	2	0	128	184	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	702	SCHED	07/29/2021 14:46:51	5	0	127	184	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	702	SCHED	07/29/2021 14:48:59	6	0	127	184	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	702	SCHED	07/29/2021 14:52:41	7	0	129	6	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	702	SCHED	07/29/2021 14:54:51	8	1	151	185	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	702	DEPARTURE	07/29/2021 14:56:32	3	44	249	75	065:05:50.40 N	096:21:25.80 W
Summer	C-GLYF	702	SCHED	07/29/2021 14:59:37	9	0	182	175	065:06:06.59 N	096:17:26.39 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:01:48	10	1	170	226	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:04:15	11	52	250	79	065:06:04.79 N	096:18:31.80 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:06:23	12	29	203	212	065:06:04.20 N	096:17:27.00 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:08:42	13	1	168	93	065:05:44.40 N	096:22:09.00 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:11:01	14	24	236	108	065:06:07.20 N	096:17:32.39 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:13:08	15	29	205	167	065:05:48.60 N	096:22:11.39 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:15:15	16	47	229	72	065:05:47.99 N	096:21:41.40 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:17:38	17	19	239	104	065:06:07.79 N	096:17:35.40 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:19:47	18	106	274	271	065:06:04.79 N	096:20:28.80 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:22:26	19	77	269	78	065:05:56.99 N	096:20:24.59 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:25:24	20	0	179	182	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	702	SCHED	07/29/2021 15:27:35	21	65	198	216	065:05:56.40 N	096:22:25.80 W
Summer	C-GLYF	702	ARRIVAL	07/29/2021 15:28:52	3	0	130	152	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	702	XML_FLIGHT_SUMMARY	07/29/2021 15:28:53	0	0	0	0		
Summer	C-GLYF	703	DEPARTURE	07/29/2021 15:30:20	4	69	167	62	065:05:52.80 N	096:21:28.20 W
Summer	C-GLYF	703	SCHED	07/29/2021 15:32:30	22	0	133	351	065:06:05.40 N	096:17:25.20 W
Summer	C-GLYF	703	ARRIVAL	07/29/2021 15:32:38	4	0	133	351	065:06:05.40 N	096:17:25.20 W
Summer	C-GLYF	703	POWER_ON	07/29/2021 15:57:03	NA	NA	NA	NA		
Summer	C-GLYF	703	SCHED	07/29/2021 15:57:44	1	27	147	311	065:06:07.20 N	096:17:31.20 W
Summer	C-GLYF	703	SCHED	07/29/2021 16:00:05	2	0	126	81	065:06:12.00 N	096:17:40.80 W
Summer	C-GLYF	703	SCHED	07/29/2021 16:02:15	3	0	127	51	065:06:12.00 N	096:17:40.80 W
Summer	C-GLYF	703	SCHED	07/29/2021 16:04:23	4	0	127	50	065:06:12.00 N	096:17:40.80 W
Summer	C-GLYF	703	SCHED	07/29/2021 16:10:41	5	0	122	29	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	703	SCHED	07/29/2021 16:12:50	6	4	124	48	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	703	DEPARTURE	07/29/2021 16:13:14	1	62	173	116	065:06:09.00 N	096:17:01.19 W
Summer	C-GLYF	703	SCHED	07/29/2021 16:16:07	7	103	336	128	065:03:32.39 N	096:09:10.20 W
Summer	C-GLYF	703	ARRIVAL	07/29/2021 16:18:03	1	0	146	100	065:01:50.39 N	096:09:30.60 W
Summer	C-GLYF	703	XML_FLIGHT_SUMMARY	07/29/2021 16:18:04	0	0	0	0		
Summer	C-GLYF	703	SCHED	07/29/2021 16:21:22	8	99	246	153	065:00:53.39 N	096:08:44.39 W
Summer	C-GLYF	704	DEPARTURE	07/29/2021 16:21:29	2	77	194	164	065:01:32.39 N	096:09:21.60 W
Summer	C-GLYF	704	SCHED	07/29/2021 16:23:38	9	0	138	90	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	704	ARRIVAL	07/29/2021 16:23:48	2	0	138	90	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	704	POWER_ON	07/29/2021 17:43:11	NA	NA	NA	NA		
Summer	C-GLYF	704	SCHED	07/29/2021 17:43:37	1	0	142	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	704	DEPARTURE	07/29/2021 17:45:05	1	75	202	322	065:01:43.80 N	096:04:24.00 W
Summer	C-GLYF	704	SCHED	07/29/2021 17:48:15	2	132	318	313	065:05:15.59 N	096:15:11.40 W
Summer	C-GLYF	704	ARRIVAL	07/29/2021 17:49:43	1	0	146	190	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	704	XML_FLIGHT_SUMMARY	07/29/2021 17:49:44	0	0	0	0		
Summer	C-GLYF	705	DEPARTURE	07/29/2021 17:50:17	2	77	188	349	065:06:22.80 N	096:17:19.79 W
Summer	C-GLYF	705	SCHED	07/29/2021 17:52:29	3	129	349	334	065:09:57.60 N	096:21:46.19 W
Summer	C-GLYF	705	SCHED	07/29/2021 17:54:44	4	128	360	330	065:14:02.39 N	096:27:14.39 W
Summer	C-GLYF	705	SCHED	07/29/2021 17:56:55	5	129	372	330	065:18:14.99 N	096:32:55.20 W
Summer	C-GLYF	705	SCHED	07/29/2021 17:59:02	6	128	344	331	065:22:12.59 N	096:38:45.00 W
Summer	C-GLYF	705	SCHED	07/29/2021 18:01:08	7	0	157	27	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	705	ARRIVAL	07/29/2021 18:01:24	2	0	157	27	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	705	XML_FLIGHT_SUMMARY	07/29/2021 18:01:25	0	0	0	0		
Summer	C-GLYF	705	SCHED	07/29/2021 18:03:31	8	0	158	27	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	706	DEPARTURE	07/29/2021 18:05:03	3	60	228	138	065:23:44.40 N	096:39:56.39 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:07:09	9	94	420	143	065:21:06.00 N	096:35:31.80 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:09:22	10	98	467	147	065:18:17.39 N	096:30:40.80 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:11:39	11	104	477	149	065:15:00.60 N	096:26:06.00 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:13:54	12	100	393	147	065:11:44.40 N	096:21:16.20 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:16:04	13	99	411	143	065:08:40.19 N	096:16:31.20 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:18:14	14	99	412	144	065:05:46.19 N	096:11:30.00 W
Summer	C-GLYF	706	SCHED	07/29/2021 18:20:25	15	99	296	147	065:02:51.60 N	096:06:02.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	706	SCHED	07/29/2021 18:22:40	16	0	140	219	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	706	ARRIVAL	07/29/2021 18:22:56	3	0	140	219	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	706	XML_FLIGHT_SUMMARY	07/29/2021 18:22:57	0	0	0	0		
Summer	C-GLYF	707	POWER_ON	07/29/2021 19:00:05	NA	NA	NA	NA		
Summer	C-GLYF	707	SCHED	07/29/2021 19:00:52	1	0	140	176	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	707	DEPARTURE	07/29/2021 19:01:34	1	71	188	315	065:01:39.59 N	096:04:22.79 W
Summer	C-GLYF	707	SCHED	07/29/2021 19:03:44	2	128	353	307	065:04:15.59 N	096:11:41.99 W
Summer	C-GLYF	707	SCHED	07/29/2021 19:05:55	3	0	134	137	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	707	ARRIVAL	07/29/2021 19:06:34	1	0	133	137	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	707	XML_FLIGHT_SUMMARY	07/29/2021 19:06:35	0	0	0	0		
Summer	C-GLYF	708	DEPARTURE	07/29/2021 19:07:29	2	55	179	134	065:06:02.99 N	096:17:11.99 W
Summer	C-GLYF	708	SCHED	07/29/2021 19:09:44	4	102	345	124	065:03:55.79 N	096:11:15.00 W
Summer	C-GLYF	708	SCHED	07/29/2021 19:11:55	5	53	196	156	065:01:37.80 N	096:04:19.19 W
Summer	C-GLYF	708	ARRIVAL	07/29/2021 19:13:15	2	0	137	223	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	708	XML_FLIGHT_SUMMARY	07/29/2021 19:13:16	0	0	0	0		
Summer	C-GLYF	709	DEPARTURE	07/29/2021 19:13:40	3	86	204	342	065:01:43.80 N	096:04:05.99 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:15:49	6	129	417	323	065:05:10.20 N	096:10:07.80 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:18:15	7	133	439	324	065:09:04.20 N	096:16:24.59 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:20:21	8	129	505	318	065:13:05.39 N	096:24:34.19 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:22:28	9	130	500	320	065:16:28.20 N	096:31:50.40 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:24:45	10	131	504	315	065:20:01.79 N	096:38:51.59 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:26:54	11	131	561	317	065:23:24.60 N	096:47:21.59 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:29:02	12	131	447	316	065:27:06.60 N	096:54:23.39 W
Summer	C-GLYF	709	SCHED	07/29/2021 19:31:09	13	97	376	306	065:30:12.60 N	097:01:40.80 W
Summer	C-GLYF	709	ARRIVAL	07/29/2021 19:33:14	3	0	160	291	065:30:17.99 N	097:00:53.39 W
Summer	C-GLYF	709	XML_FLIGHT_SUMMARY	07/29/2021 19:33:15	0	0	0	0		
Summer	C-GLYF	709	SCHED	07/29/2021 19:33:21	14	0	160	291	065:30:17.99 N	097:00:53.39 W
Summer	C-GLYF	710	POWER_ON	07/29/2021 20:35:45	NA	NA	NA	NA		
Summer	C-GLYF	710	SCHED	07/29/2021 20:36:22	1	0	169	290	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	710	DEPARTURE	07/29/2021 20:38:03	1	68	200	282	065:30:10.79 N	097:01:22.80 W
Summer	C-GLYF	710	ARRIVAL	07/29/2021 20:39:35	1	0	171	164	065:30:21.60 N	097:01:35.40 W
Summer	C-GLYF	710	DEPARTURE	07/29/2021 20:40:51	2	70	194	131	065:30:08.40 N	097:01:01.79 W
Summer	C-GLYF	710	SCHED	07/29/2021 20:43:58	2	100	325	133	065:27:30.60 N	096:53:16.20 W
Summer	C-GLYF	710	SCHED	07/29/2021 20:46:08	3	100	308	135	065:24:32.40 N	096:46:04.19 W
Summer	C-GLYF	710	SCHED	07/29/2021 20:48:18	4	10	163	13	065:23:53.99 N	096:40:28.79 W
Summer	C-GLYF	710	ARRIVAL	07/29/2021 20:49:59	2	0	154	18	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	710	XML_FLIGHT_SUMMARY	07/29/2021 20:50:00	0	0	0	0		
Summer	C-GLYF	711	DEPARTURE	07/29/2021 20:52:08	3	72	217	128	065:23:46.79 N	096:39:49.79 W
Summer	C-GLYF	711	SCHED	07/29/2021 20:54:19	5	105	417	145	065:20:44.40 N	096:34:56.40 W
Summer	C-GLYF	711	SCHED	07/29/2021 20:56:44	6	106	442	147	065:17:28.79 N	096:29:33.00 W
Summer	C-GLYF	711	SCHED	07/29/2021 20:58:54	7	103	425	147	065:14:01.80 N	096:24:25.80 W
Summer	C-GLYF	711	SCHED	07/29/2021 21:01:04	8	103	468	147	065:10:51.00 N	096:19:45.60 W
Summer	C-GLYF	711	SCHED	07/29/2021 21:03:16	9	104	479	144	065:07:47.40 N	096:14:43.80 W
Summer	C-GLYF	711	SCHED	07/29/2021 21:05:25	10	104	482	142	065:04:43.19 N	096:09:20.40 W
Summer	C-GLYF	711	SCHED	07/29/2021 21:08:14	11	11	147	160	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	711	ARRIVAL	07/29/2021 21:09:01	3	0	139	137	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	711	XML_FLIGHT_SUMMARY	07/29/2021 21:09:02	0	0	0	0		
Summer	C-GLYF	712	POWER_ON	07/29/2021 21:21:06	NA	NA	NA	NA		
Summer	C-GLYF	712	SCHED	07/29/2021 21:21:33	1	0	150	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	712	DEPARTURE	07/29/2021 21:22:39	1	79	276	326	065:01:42.59 N	096:04:08.99 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:24:47	2	12	216	214	065:01:52.19 N	096:09:25.80 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:26:54	3	90	354	327	065:02:27.00 N	096:11:03.59 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:29:03	4	106	391	338	065:05:23.39 N	096:15:49.79 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:31:15	5	8	174	123	065:06:11.40 N	096:17:37.80 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:33:28	6	75	330	142	065:04:30.59 N	096:14:13.79 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:35:39	7	68	343	139	065:02:24.59 N	096:10:07.80 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:37:48	8	47	227	216	065:01:44.39 N	096:09:31.19 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:39:55	9	106	418	323	065:04:13.20 N	096:14:34.20 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:42:05	10	6	195	196	065:06:12.60 N	096:17:37.80 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:44:12	11	75	323	141	065:05:13.79 N	096:15:47.39 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:46:30	12	72	348	137	065:03:12.60 N	096:11:52.19 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:48:44	13	1	188	223	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:50:59	14	87	370	327	065:02:43.19 N	096:12:11.99 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:53:12	15	90	393	348	065:05:27.59 N	096:16:00.00 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:55:27	16	0	172	187	065:06:12.00 N	096:17:39.59 W
Summer	C-GLYF	712	SCHED	07/29/2021 21:57:47	17	79	368	127	065:04:56.99 N	096:14:16.79 W
Summer	C-GLYF	712	SCHED	07/29/2021 22:00:04	18	78	422	129	065:03:08.40 N	096:08:36.60 W
Summer	C-GLYF	712	SCHED	07/29/2021 22:02:29	19	20	269	152	065:01:24.59 N	096:04:30.59 W
Summer	C-GLYF	712	SCHED	07/29/2021 22:04:54	20	10	157	79	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	712	XML_OVERDUE_REPORT	07/29/2021 22:12:11	0	0	0	0		
Summer	C-GLYF	712	XML_FLIGHT_SUMMARY	07/29/2021 23:06:43	0	0	0	0		
Summer	C-GLYF	713	POWER_ON	07/29/2021 23:06:42	NA	NA	NA	NA		
Summer	C-GLYF	713	SCHED	07/29/2021 23:07:22	1	0	140	212	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	713	DEPARTURE	07/29/2021 23:08:47	1	73	200	317	065:01:40.20 N	096:04:12.60 W
Summer	C-GLYF	713	SCHED	07/29/2021 23:11:07	2	137	275	307	065:04:10.20 N	096:12:44.39 W
Summer	C-GLYF	713	SCHED	07/29/2021 23:13:15	3	0	137	98	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	713	ARRIVAL	07/29/2021 23:13:52	1	0	137	98	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	713	XML_FLIGHT_SUMMARY	07/29/2021 23:13:53	0	0	0	0		
Summer	C-GLYF	713	SCHED	07/29/2021 23:16:00	4	0	136	98	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	713	SCHED	07/29/2021 23:18:09	5	0	136	98	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	713	SCHED	07/29/2021 23:20:22	6	0	136	98	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	713	SCHED	07/29/2021 23:22:31	7	0	136	98	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	714	DEPARTURE	07/29/2021 23:23:47	2	60	179	126	065:06:09.00 N	096:17:04.19 W
Summer	C-GLYF	714	SCHED	07/29/2021 23:25:57	8	103	257	130	065:03:46.80 N	096:10:23.39 W
Summer	C-GLYF	714	SCHED	07/29/2021 23:28:05	9	43	165	151	065:01:32.39 N	096:04:25.20 W
Summer	C-GLYF	714	XML_OVERDUE_REPORT	07/29/2021 23:35:25	0	0	0	0		
Summer	C-GLYF	714	XML_FLIGHT_SUMMARY	07/30/2021 11:08:52	0	0	0	0		
Summer	C-GLYF	715	POWER_ON	07/30/2021 11:08:51	NA	NA	NA	NA		
Summer	C-GLYF	715	DEPARTURE	07/30/2021 11:11:22	1	77	0	317	065:01:42.00 N	096:04:40.80 W
Summer	C-GLYF	715	SCHED	07/30/2021 11:11:50	1	98	324	307	065:02:01.19 N	096:05:30.59 W
Summer	C-GLYF	715	SCHED	07/30/2021 11:13:57	2	125	256	306	065:04:43.19 N	096:14:18.00 W
Summer	C-GLYF	715	SCHED	07/30/2021 11:16:36	3	0	145	127	065:06:12.00 N	096:17:42.59 W
Summer	C-GLYF	715	ARRIVAL	07/30/2021 11:16:46	1	0	145	127	065:06:12.00 N	096:17:42.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	715	XML_FLIGHT_SUMMARY	07/30/2021 11:16:47	0	0	0	0		
Summer	C-GLYF	715	SCHED	07/30/2021 11:19:04	4	0	146	127	065:06:12.00 N	096:17:42.59 W
Summer	C-GLYF	715	SCHED	07/30/2021 11:22:05	5	0	145	127	065:06:12.00 N	096:17:43.20 W
Summer	C-GLYF	715	SCHED	07/30/2021 11:24:13	6	0	142	127	065:06:12.00 N	096:17:42.59 W
Summer	C-GLYF	715	SCHED	07/30/2021 11:27:14	7	85	217	138	065:05:50.99 N	096:16:49.19 W
Summer	C-GLYF	716	DEPARTURE	07/30/2021 11:27:23	2	75	192	136	065:05:59.99 N	096:17:08.40 W
Summer	C-GLYF	716	SCHED	07/30/2021 11:31:36	8	0	140	209	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	716	ARRIVAL	07/30/2021 11:32:16	2	0	140	209	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	716	XML_FLIGHT_SUMMARY	07/30/2021 11:32:17	0	0	0	0		
Summer	C-GLYF	717	DEPARTURE	07/30/2021 11:33:36	3	71	179	344	065:01:42.00 N	096:04:18.00 W
Summer	C-GLYF	717	SCHED	07/30/2021 11:35:43	9	121	331	324	065:05:09.59 N	096:09:47.39 W
Summer	C-GLYF	717	SCHED	07/30/2021 11:37:50	10	122	339	324	065:08:38.40 N	096:15:26.40 W
Summer	C-GLYF	717	SCHED	07/30/2021 11:40:12	11	118	379	326	065:12:05.99 N	096:21:22.19 W
Summer	C-GLYF	717	SCHED	07/30/2021 11:42:26	12	122	433	326	065:16:02.99 N	096:27:16.19 W
Summer	C-GLYF	717	SCHED	07/30/2021 11:44:34	13	122	421	320	065:19:41.99 N	096:33:45.00 W
Summer	C-GLYF	717	SCHED	07/30/2021 11:46:41	14	111	292	331	065:23:01.20 N	096:40:21.00 W
Summer	C-GLYF	717	ARRIVAL	07/30/2021 11:48:40	3	0	161	7	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	717	XML_FLIGHT_SUMMARY	07/30/2021 11:48:41	0	0	0	0		
Summer	C-GLYF	717	SCHED	07/30/2021 11:50:46	15	0	159	7	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	718	POWER_ON	07/30/2021 14:01:10	NA	NA	NA	NA		
Summer	C-GLYF	718	SCHED	07/30/2021 14:01:56	1	0	177	344	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	718	DEPARTURE	07/30/2021 14:03:37	1	68	205	258	065:23:43.20 N	096:40:41.99 W
Summer	C-GLYF	718	SCHED	07/30/2021 14:05:42	2	116	366	314	065:25:38.40 N	096:47:54.59 W
Summer	C-GLYF	718	SCHED	07/30/2021 14:07:48	3	115	341	310	065:28:22.19 N	096:55:10.80 W
Summer	C-GLYF	718	SCHED	07/30/2021 14:09:59	4	76	195	324	065:31:04.19 N	097:01:43.20 W
Summer	C-GLYF	718	SCHED	07/30/2021 14:12:08	5	0	123	175	065:31:46.80 N	097:01:06.60 W
Summer	C-GLYF	718	ARRIVAL	07/30/2021 14:12:34	1	0	123	175	065:31:46.80 N	097:01:06.60 W
Summer	C-GLYF	718	XML_FLIGHT_SUMMARY	07/30/2021 14:12:35	0	0	0	0		
Summer	C-GLYF	719	DEPARTURE	07/30/2021 14:13:36	2	74	171	180	065:31:27.00 N	097:01:08.40 W
Summer	C-GLYF	719	ARRIVAL	07/30/2021 14:15:41	2	0	168	215	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:15:48	6	0	168	215	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	719	DEPARTURE	07/30/2021 14:17:19	3	75	185	180	065:29:58.80 N	097:00:53.39 W
Summer	C-GLYF	719	ARRIVAL	07/30/2021 14:19:07	3	0	131	247	065:28:31.20 N	097:01:08.99 W
Summer	C-GLYF	719	DEPARTURE	07/30/2021 14:20:52	4	79	194	124	065:28:19.19 N	097:00:38.40 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:23:07	7	110	321	141	065:24:01.19 N	096:52:08.40 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:25:20	8	112	362	140	065:20:47.99 N	096:45:46.20 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:27:31	9	112	387	134	065:17:45.60 N	096:39:07.80 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:29:39	10	111	337	143	065:14:46.80 N	096:32:43.80 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:33:38	11	115	315	145	065:09:19.19 N	096:22:44.40 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:34:00	12	113	300	145	065:08:43.20 N	096:21:44.40 W
Summer	C-GLYF	719	SCHED	07/30/2021 14:36:10	13	0	136	153	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	719	ARRIVAL	07/30/2021 14:36:45	4	0	137	153	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	719	XML_FLIGHT_SUMMARY	07/30/2021 14:36:46	0	0	0	0		
Summer	C-GLYF	720	POWER_ON	07/30/2021 14:47:53	NA	NA	NA	NA		
Summer	C-GLYF	720	SCHED	07/30/2021 14:48:31	1	0	125	348	065:06:12.00 N	096:17:41.39 W
Summer	C-GLYF	720	DEPARTURE	07/30/2021 14:51:27	1	59	254	131	065:06:01.79 N	096:17:05.40 W
Summer	C-GLYF	720	SCHED	07/30/2021 14:54:28	2	85	358	132	065:02:40.80 N	096:07:36.60 W
Summer	C-GLYF	720	SCHED	07/30/2021 14:56:36	3	1	177	183	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	720	ARRIVAL	07/30/2021 14:58:37	1	0	143	109	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	720	XML_FLIGHT_SUMMARY	07/30/2021 14:58:38	0	0	0	0		
Summer	C-GLYF	720	SCHED	07/30/2021 14:58:44	4	0	143	109	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	720	SCHED	07/30/2021 15:01:00	5	0	143	337	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	720	SCHED	07/30/2021 15:04:06	6	0	143	29	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	720	SCHED	07/30/2021 15:06:13	7	0	143	29	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	721	POWER_ON	07/30/2021 15:13:21	NA	NA	NA	NA		
Summer	C-GLYF	721	SCHED	07/30/2021 15:14:03	1	0	145	161	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:16:12	2	11	190	249	065:01:20.40 N	096:04:29.39 W
Summer	C-GLYF	721	DEPARTURE	07/30/2021 15:16:36	1	66	263	289	065:01:10.19 N	096:04:53.99 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:18:57	3	103	382	306	065:03:31.80 N	096:09:45.00 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:21:02	4	81	336	316	065:06:07.20 N	096:16:27.00 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:23:13	5	12	176	243	065:06:12.00 N	096:17:37.19 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:25:21	6	88	326	142	065:04:36.60 N	096:14:33.59 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:30:20	7	30	208	141	065:01:46.19 N	096:09:19.79 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:32:32	8	89	349	328	065:03:34.80 N	096:12:58.80 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:34:48	9	66	276	292	065:06:21.59 N	096:17:01.19 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:38:06	10	74	287	144	065:05:44.40 N	096:16:53.99 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:40:16	11	84	309	141	065:02:46.19 N	096:11:11.99 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:42:27	12	1	184	157	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:44:36	13	92	338	329	065:02:40.20 N	096:11:53.40 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:46:49	14	92	320	340	065:05:28.19 N	096:15:49.19 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:48:55	15	29	195	252	065:06:13.79 N	096:17:36.59 W
Summer	C-GLYF	721	SCHED	07/30/2021 15:51:50	16	116	297	144	065:03:33.59 N	096:13:01.80 W
Summer	C-GLYF	721	ARRIVAL	07/30/2021 15:53:58	1	0	149	114	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	721	XML_FLIGHT_SUMMARY	07/30/2021 15:53:59	0	0	0	0		
Summer	C-GLYF	721	SCHED	07/30/2021 15:54:06	17	0	149	114	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	722	DEPARTURE	07/30/2021 15:57:16	2	76	181	307	065:01:44.39 N	096:09:52.80 W
Summer	C-GLYF	722	SCHED	07/30/2021 15:57:50	18	106	243	318	065:02:45.00 N	096:12:15.60 W
Summer	C-GLYF	722	SCHED	07/30/2021 16:00:00	19	65	176	4	065:06:07.20 N	096:18:07.80 W
Summer	C-GLYF	722	XML_OVERDUE_REPORT	07/30/2021 16:07:18	0	0	0	0		
Summer	C-GLYF	722	XML_FLIGHT_SUMMARY	07/30/2021 16:38:39	0	0	0	0		
Summer	C-GLYF	723	POWER_ON	07/30/2021 16:38:38	NA	NA	NA	NA		
Summer	C-GLYF	723	SCHED	07/30/2021 16:39:18	1	0	132	0	065:06:12.00 N	096:17:41.99 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:41:31	2	19	192	131	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:43:49	3	2	180	191	065:06:06.59 N	096:17:26.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:46:02	4	6	189	140	065:06:07.20 N	096:17:27.00 W
Summer	C-GLYF	723	DEPARTURE	07/30/2021 16:48:05	1	34	200	246	065:06:15.59 N	096:17:33.59 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:50:12	5	0	168	183	065:06:11.40 N	096:17:39.59 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:52:28	6	12	183	195	065:06:12.00 N	096:17:39.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:54:36	7	0	176	205	065:06:11.40 N	096:17:39.59 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:56:45	8	13	186	138	065:06:10.79 N	096:17:39.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 16:58:52	9	17	209	129	065:06:09.00 N	096:17:32.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:01:54	10	13	210	137	065:06:07.20 N	096:17:30.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:04:05	11	1	186	157	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:06:12	12	3	184	53	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:08:22	13	25	191	77	065:06:06.59 N	096:17:23.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	723	SCHED	07/30/2021 17:11:15	14	0	177	193	065:06:12.00 N	096:17:40.20 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:13:24	15	89	273	3	065:06:11.40 N	096:19:02.99 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:15:35	16	1	181	133	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:17:44	17	8	208	127	065:06:07.79 N	096:17:28.79 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:20:01	18	15	204	129	065:06:08.39 N	096:17:31.79 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:22:11	19	3	186	150	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:24:22	20	1	185	150	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:26:31	21	5	186	188	065:06:12.00 N	096:17:39.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:28:41	22	3	180	187	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:30:49	23	47	212	263	065:06:16.79 N	096:17:30.00 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:32:57	24	1	183	132	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:35:04	25	24	194	59	065:06:06.59 N	096:17:22.80 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:37:18	26	2	189	186	065:06:06.59 N	096:17:25.79 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:39:26	27	0	188	173	065:06:06.59 N	096:17:25.79 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:41:40	28	22	197	56	065:06:06.59 N	096:17:23.40 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:43:48	29	86	296	127	065:04:43.80 N	096:12:29.39 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:45:57	30	85	309	132	065:02:48.60 N	096:07:25.80 W
Summer	C-GLYF	723	SCHED	07/30/2021 17:48:06	31	2	149	21	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	723	ARRIVAL	07/30/2021 17:48:49	1	0	145	21	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	723	XML_FLIGHT_SUMMARY	07/30/2021 17:48:50	0	0	0	0		
Summer	C-GLYF	723	SCHED	07/30/2021 17:50:56	32	0	142	21	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	724	POWER_ON	07/30/2021 18:10:17	NA	NA	NA	NA		
Summer	C-GLYF	724	SCHED	07/30/2021 18:10:54	1	0	142	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	724	DEPARTURE	07/30/2021 18:12:19	1	78	247	332	065:01:40.80 N	096:04:03.60 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:14:34	2	103	330	309	065:04:00.00 N	096:11:04.19 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:16:46	3	30	211	229	065:06:14.39 N	096:17:34.79 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:18:54	4	1	186	159	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:21:00	5	15	217	134	065:06:09.00 N	096:17:30.60 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:23:53	6	1	178	185	065:06:12.00 N	096:17:39.00 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:26:02	7	1	184	158	065:06:06.59 N	096:17:26.39 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:28:10	8	17	197	133	065:06:09.00 N	096:17:34.19 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:30:19	9	25	205	134	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:32:29	10	14	218	143	065:06:10.20 N	096:17:33.59 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:34:37	11	0	168	41	065:05:58.20 N	096:17:25.79 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:36:45	12	40	237	159	065:06:01.79 N	096:17:28.79 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:38:50	13	2	174	219	065:06:12.00 N	096:17:37.80 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:40:57	14	12	169	104	065:05:50.40 N	096:17:25.79 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:43:08	15	7	187	186	065:05:50.99 N	096:17:26.39 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:45:15	16	40	240	170	065:05:59.40 N	096:17:28.79 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:47:22	17	1	175	265	065:06:12.00 N	096:17:37.80 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:49:48	18	17	224	165	065:06:04.79 N	096:17:34.79 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:52:02	19	1	162	340	065:05:49.79 N	096:17:26.39 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:54:09	20	2	178	270	065:06:05.40 N	096:17:26.39 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:56:22	21	81	223	323	065:06:11.40 N	096:17:08.40 W
Summer	C-GLYF	724	SCHED	07/30/2021 18:58:44	22	0	174	214	065:06:12.00 N	096:17:39.59 W
Summer	C-GLYF	724	SCHED	07/30/2021 19:00:58	23	1	177	214	065:06:12.00 N	096:17:38.39 W
Summer	C-GLYF	724	ARRIVAL	07/30/2021 19:02:35	1	0	141	158	065:06:12.00 N	096:17:40.80 W
Summer	C-GLYF	724	XML_FLIGHT_SUMMARY	07/30/2021 19:02:36	0	0	0	0		
Summer	C-GLYF	725	DEPARTURE	07/30/2021 19:03:26	2	68	186	130	065:06:03.59 N	096:17:03.60 W
Summer	C-GLYF	725	SCHED	07/30/2021 19:05:43	24	70	197	42	065:06:11.40 N	096:18:12.60 W
Summer	C-GLYF	725	ARRIVAL	07/30/2021 19:07:03	2	0	138	122	065:06:12.00 N	096:17:40.80 W
Summer	C-GLYF	725	SCHED	07/30/2021 19:09:13	25	0	138	122	065:06:12.00 N	096:17:40.80 W
Summer	C-GLYF	725	SCHED	07/30/2021 19:11:28	26	1	184	132	065:06:12.00 N	096:17:38.39 W
Summer	C-GLYF	725	SCHED	07/30/2021 19:13:36	27	4	196	168	065:06:07.20 N	096:17:26.39 W
Summer	C-GLYF	725	SCHED	07/30/2021 19:15:48	28	2	191	221	065:06:06.59 N	096:17:26.39 W
Summer	C-GLYF	725	SCHED	07/30/2021 19:17:58	29	0	147	290	065:06:05.40 N	096:17:24.00 W
Summer	C-GLYF	725	POWER_ON	07/30/2021 20:18:07	NA	NA	NA	NA		
Summer	C-GLYF	725	SCHED	07/30/2021 20:18:45	1	0	146	0	065:06:05.40 N	096:17:24.00 W
Summer	C-GLYF	725	DEPARTURE	07/30/2021 20:19:27	1	75	169	140	065:05:51.60 N	096:16:52.80 W
Summer	C-GLYF	725	SCHED	07/30/2021 20:21:45	2	111	273	143	065:02:52.19 N	096:11:26.40 W
Summer	C-GLYF	725	ARRIVAL	07/30/2021 20:23:30	1	0	146	135	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	725	XML_FLIGHT_SUMMARY	07/30/2021 20:23:31	0	0	0	0		
Summer	C-GLYF	726	DEPARTURE	07/30/2021 20:24:38	2	78	174	10	065:02:02.40 N	096:09:07.80 W
Summer	C-GLYF	726	SCHED	07/30/2021 20:26:51	3	38	161	167	065:01:30.00 N	096:04:12.60 W
Summer	C-GLYF	726	ARRIVAL	07/30/2021 20:27:57	2	0	140	215	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	726	POWER_ON	07/30/2021 20:51:28	NA	NA	NA	NA		
Summer	C-GLYF	726	SCHED	07/30/2021 20:52:07	1	0	141	184	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	726	DEPARTURE	07/30/2021 20:53:27	1	77	233	322	065:01:39.00 N	096:04:13.20 W
Summer	C-GLYF	726	SCHED	07/30/2021 20:55:36	2	6	224	191	065:01:52.19 N	096:09:29.40 W
Summer	C-GLYF	726	SCHED	07/30/2021 20:57:43	3	82	371	328	065:02:34.80 N	096:11:26.99 W
Summer	C-GLYF	726	SCHED	07/30/2021 20:59:52	4	97	374	328	065:05:16.79 N	096:15:29.39 W
Summer	C-GLYF	726	SCHED	07/30/2021 21:02:49	5	0	143	87	065:06:04.20 N	096:17:28.20 W
Summer	C-GLYF	726	ARRIVAL	07/30/2021 21:02:56	1	0	144	87	065:06:04.20 N	096:17:28.20 W
Summer	C-GLYF	726	XML_FLIGHT_SUMMARY	07/30/2021 21:02:57	0	0	0	0		
Summer	C-GLYF	727	POWER_ON	07/30/2021 21:10:36	NA	NA	NA	NA		
Summer	C-GLYF	727	SCHED	07/30/2021 21:13:10	1	106	268	321	065:07:10.20 N	096:19:33.00 W
Summer	C-GLYF	727	DEPARTURE	07/30/2021 21:13:18	1	77	169	312	065:06:18.59 N	096:17:49.19 W
Summer	C-GLYF	727	SCHED	07/30/2021 21:15:26	2	122	352	321	065:11:31.79 N	096:27:44.39 W
Summer	C-GLYF	727	SCHED	07/30/2021 21:17:33	3	122	428	317	065:14:49.80 N	096:34:24.00 W
Summer	C-GLYF	727	SCHED	07/30/2021 21:19:49	4	130	416	322	065:18:09.59 N	096:41:26.99 W
Summer	C-GLYF	727	SCHED	07/30/2021 21:21:57	5	118	419	319	065:21:53.99 N	096:48:22.79 W
Summer	C-GLYF	727	SCHED	07/30/2021 21:24:04	6	122	394	329	065:25:24.60 N	096:54:14.39 W
Summer	C-GLYF	727	SCHED	07/30/2021 21:26:17	7	123	308	339	065:29:06.60 N	096:59:38.40 W
Summer	C-GLYF	727	ARRIVAL	07/30/2021 21:28:10	1	0	167	297	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	727	XML_FLIGHT_SUMMARY	07/30/2021 21:28:11	0	0	0	0		
Summer	C-GLYF	728	DEPARTURE	07/30/2021 21:30:29	2	67	224	128	065:30:05.99 N	097:00:25.20 W
Summer	C-GLYF	728	SCHED	07/30/2021 21:32:49	8	109	308	134	065:26:23.99 N	096:51:13.79 W
Summer	C-GLYF	728	SCHED	07/30/2021 21:35:04	9	107	293	107	065:23:52.20 N	096:43:28.79 W
Summer	C-GLYF	728	ARRIVAL	07/30/2021 21:36:59	2	0	165	319	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	728	XML_FLIGHT_SUMMARY	07/30/2021 21:37:00	0	0	0	0		
Summer	C-GLYF	729	DEPARTURE	07/30/2021 21:37:41	3	64	208	147	065:23:42.60 N	096:40:00.00 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:39:54	10	105	361	144	065:20:53.99 N	096:35:39.59 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:42:06	11	103	405	144	065:17:45.60 N	096:30:25.20 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:44:15	12	107	391	145	065:14:34.79 N	096:24:51.00 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:46:21	13	104	445	144	065:11:34.20 N	096:19:34.19 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:48:41	14	110	409	147	065:08:30.00 N	096:14:20.99 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:50:54	15	109	392	148	065:04:51.60 N	096:09:02.39 W
Summer	C-GLYF	729	SCHED	07/30/2021 21:53:02	16	57	207	154	065:01:38.39 N	096:04:28.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	729	ARRIVAL	07/30/2021 21:55:05	3	0	143	227	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	729	XML_FLIGHT_SUMMARY	07/30/2021 21:55:06	0	0	0	0		
Summer	C-GLYF	729	SCHED	07/30/2021 21:55:13	17	0	143	227	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	730	POWER_ON	07/30/2021 23:07:34	NA	NA	NA	NA		
Summer	C-GLYF	730	SCHED	07/30/2021 23:08:07	1	0	141	78	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	730	DEPARTURE	07/30/2021 23:08:58	1	74	195	348	065:01:37.80 N	096:03:51.00 W
Summer	C-GLYF	730	SCHED	07/30/2021 23:11:07	2	120	358	316	065:04:11.99 N	096:10:32.39 W
Summer	C-GLYF	730	SCHED	07/30/2021 23:13:19	3	92	246	216	065:06:41.99 N	096:17:20.40 W
Summer	C-GLYF	730	ARRIVAL	07/30/2021 23:14:51	1	0	139	223	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	730	XML_FLIGHT_SUMMARY	07/30/2021 23:14:52	0	0	0	0		
Summer	C-GLYF	730	SCHED	07/30/2021 23:16:59	4	0	139	223	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	730	SCHED	07/30/2021 23:19:05	5	0	140	223	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	731	DEPARTURE	07/30/2021 23:22:19	2	74	159	152	065:05:50.40 N	096:16:56.99 W
Summer	C-GLYF	731	SCHED	07/30/2021 23:24:30	6	98	243	136	065:02:04.19 N	096:05:03.60 W
Summer	C-GLYF	731	XML_OVERDUE_REPORT	07/30/2021 23:31:46	0	0	0	0		
Summer	C-GLYF	731	XML_FLIGHT_SUMMARY	07/31/2021 11:02:43	0	0	0	0		
Summer	C-GLYF	732	POWER_ON	07/31/2021 11:02:42	NA	NA	NA	NA		
Summer	C-GLYF	732	SCHED	07/31/2021 11:05:13	1	0	0	72	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	732	SCHED	07/31/2021 11:05:26	2	1	188	278	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	732	DEPARTURE	07/31/2021 11:06:40	1	59	150	317	065:01:38.39 N	096:04:45.60 W
Summer	C-GLYF	732	SCHED	07/31/2021 11:08:47	3	91	262	308	065:03:36.59 N	096:09:57.60 W
Summer	C-GLYF	732	SCHED	07/31/2021 11:10:55	4	91	226	310	065:05:30.00 N	096:16:06.60 W
Summer	C-GLYF	732	ARRIVAL	07/31/2021 11:12:53	1	0	140	300	065:06:06.00 N	096:17:25.20 W
Summer	C-GLYF	732	XML_FLIGHT_SUMMARY	07/31/2021 11:12:54	0	0	0	0		
Summer	C-GLYF	732	SCHED	07/31/2021 11:15:01	5	0	141	300	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	732	SCHED	07/31/2021 11:17:10	6	0	142	300	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	732	SCHED	07/31/2021 11:19:21	7	0	142	300	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	732	SCHED	07/31/2021 11:21:29	8	38	148	22	065:06:09.00 N	096:17:22.19 W
Summer	C-GLYF	733	DEPARTURE	07/31/2021 11:21:50	2	68	199	88	065:06:18.59 N	096:17:02.39 W
Summer	C-GLYF	733	SCHED	07/31/2021 11:24:53	9	131	262	134	065:02:37.19 N	096:07:12.60 W
Summer	C-GLYF	733	SCHED	07/31/2021 11:27:01	10	0	137	164	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	733	ARRIVAL	07/31/2021 11:27:08	2	0	136	164	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	733	XML_FLIGHT_SUMMARY	07/31/2021 11:27:09	0	0	0	0		
Summer	C-GLYF	734	POWER_ON	07/31/2021 13:17:39	NA	NA	NA	NA		
Summer	C-GLYF	734	SCHED	07/31/2021 13:18:17	1	0	136	89	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	734	DEPARTURE	07/31/2021 13:19:34	1	61	173	320	065:01:39.59 N	096:04:43.19 W
Summer	C-GLYF	734	SCHED	07/31/2021 13:21:42	2	91	377	316	065:03:40.20 N	096:10:03.00 W
Summer	C-GLYF	734	SCHED	07/31/2021 13:23:51	3	85	227	301	065:05:41.99 N	096:16:34.19 W
Summer	C-GLYF	734	ARRIVAL	07/31/2021 13:25:27	1	0	142	345	065:06:11.40 N	096:17:37.19 W
Summer	C-GLYF	734	XML_FLIGHT_SUMMARY	07/31/2021 13:25:28	0	0	0	0		
Summer	C-GLYF	735	DEPARTURE	07/31/2021 13:26:36	2	66	175	330	065:06:26.39 N	096:17:53.99 W
Summer	C-GLYF	735	SCHED	07/31/2021 13:28:47	4	97	357	332	065:09:22.80 N	096:21:41.99 W
Summer	C-GLYF	735	SCHED	07/31/2021 13:30:58	5	97	397	333	065:12:28.80 N	096:25:35.99 W
Summer	C-GLYF	735	SCHED	07/31/2021 13:33:06	6	94	382	329	065:15:30.59 N	096:29:39.59 W
Summer	C-GLYF	735	SCHED	07/31/2021 13:36:07	7	98	377	331	065:19:06.60 N	096:34:32.39 W
Summer	C-GLYF	735	SCHED	07/31/2021 13:38:14	8	97	294	334	065:22:47.99 N	096:39:13.80 W
Summer	C-GLYF	735	ARRIVAL	07/31/2021 13:40:20	2	0	164	6	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	735	XML_FLIGHT_SUMMARY	07/31/2021 13:40:21	0	0	0	0		
Summer	C-GLYF	735	SCHED	07/31/2021 13:40:27	9	0	164	6	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	736	DEPARTURE	07/31/2021 13:42:11	3	73	232	248	065:23:50.99 N	096:41:14.39 W
Summer	C-GLYF	736	SCHED	07/31/2021 13:44:19	10	95	364	316	065:25:28.80 N	096:47:33.59 W
Summer	C-GLYF	736	SCHED	07/31/2021 13:46:28	11	104	311	290	065:27:35.40 N	096:53:57.00 W
Summer	C-GLYF	736	SCHED	07/31/2021 13:48:41	12	6	133	8	065:28:29.99 N	097:01:07.80 W
Summer	C-GLYF	736	ARRIVAL	07/31/2021 13:50:25	3	0	124	40	065:28:32.39 N	097:01:08.99 W
Summer	C-GLYF	736	XML_FLIGHT_SUMMARY	07/31/2021 13:50:26	0	0	0	0		
Summer	C-GLYF	736	SCHED	07/31/2021 13:52:35	13	14	126	341	065:28:32.99 N	097:01:08.99 W
Summer	C-GLYF	737	DEPARTURE	07/31/2021 13:53:51	4	61	157	1	065:28:48.59 N	097:01:09.59 W
Summer	C-GLYF	737	SCHED	07/31/2021 13:55:58	14	2	130	1	065:31:48.00 N	097:01:07.19 W
Summer	C-GLYF	737	ARRIVAL	07/31/2021 13:56:59	4	0	126	1	065:31:48.00 N	097:01:07.19 W
Summer	C-GLYF	737	XML_FLIGHT_SUMMARY	07/31/2021 13:57:00	0	0	0	0		
Summer	C-GLYF	738	DEPARTURE	07/31/2021 13:59:20	5	83	171	169	065:31:40.80 N	097:01:31.20 W
Summer	C-GLYF	738	ARRIVAL	07/31/2021 14:01:14	5	0	167	298	065:30:19.79 N	097:00:53.99 W
Summer	C-GLYF	738	DEPARTURE	07/31/2021 14:02:12	6	87	179	114	065:30:27.60 N	097:00:24.59 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:04:19	15	128	372	145	065:27:05.39 N	096:54:22.19 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:06:37	16	130	437	143	065:23:22.19 N	096:48:14.39 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:08:50	17	128	412	144	065:19:23.39 N	096:41:13.20 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:11:07	18	136	442	142	065:15:24.59 N	096:33:56.99 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:13:14	19	131	394	146	065:11:26.99 N	096:27:02.39 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:15:27	20	134	334	145	065:07:36.60 N	096:20:46.79 W
Summer	C-GLYF	738	SCHED	07/31/2021 14:17:36	21	0	149	360	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	738	ARRIVAL	07/31/2021 14:17:54	6	0	149	360	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	738	XML_FLIGHT_SUMMARY	07/31/2021 14:17:55	0	0	0	0		
Summer	C-GLYF	738	SCHED	07/31/2021 14:20:02	22	0	143	360	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	739	POWER_ON	07/31/2021 14:49:19	NA	NA	NA	NA		
Summer	C-GLYF	739	SCHED	07/31/2021 14:49:57	1	0	147	85	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	739	DEPARTURE	07/31/2021 14:50:26	1	62	202	85	065:06:17.39 N	096:16:59.40 W
Summer	C-GLYF	739	SCHED	07/31/2021 14:54:18	2	56	170	110	065:01:30.00 N	096:04:30.00 W
Summer	C-GLYF	739	ARRIVAL	07/31/2021 14:55:36	1	0	141	231	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	739	XML_FLIGHT_SUMMARY	07/31/2021 14:55:37	0	0	0	0		
Summer	C-GLYF	739	SCHED	07/31/2021 14:57:45	3	0	140	231	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	740	POWER_ON	07/31/2021 15:13:58	NA	NA	NA	NA		
Summer	C-GLYF	740	SCHED	07/31/2021 15:14:45	1	0	138	279	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	740	POWER_ON	07/31/2021 19:50:03	NA	NA	NA	NA		
Summer	C-GLYF	740	SCHED	07/31/2021 19:50:31	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	740	DEPARTURE	07/31/2021 19:51:22	1	65	0	319	065:01:38.39 N	096:04:46.79 W
Summer	C-GLYF	740	SCHED	07/31/2021 19:53:33	2	0	193	44	065:01:50.99 N	096:09:30.00 W
Summer	C-GLYF	740	ARRIVAL	07/31/2021 19:54:18	1	0	0	44	065:01:50.99 N	096:09:30.00 W
Summer	C-GLYF	740	DEPARTURE	07/31/2021 19:54:59	2	72	192	327	065:02:07.80 N	096:09:47.39 W
Summer	C-GLYF	740	SCHED	07/31/2021 19:57:07	3	111	321	321	065:04:50.99 N	096:15:11.40 W
Summer	C-GLYF	740	SCHED	07/31/2021 19:59:17	4	0	136	7	065:06:11.40 N	096:17:37.80 W
Summer	C-GLYF	740	ARRIVAL	07/31/2021 19:59:47	2	0	136	7	065:06:11.40 N	096:17:37.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	740	XML_FLIGHT_SUMMARY	07/31/2021 19:59:48	0	0	0	0		
Summer	C-GLYF	740	SCHED	07/31/2021 20:01:56	5	3	140	208	065:06:11.40 N	096:17:37.80 W
Summer	C-GLYF	740	SCHED	07/31/2021 20:04:05	6	2	182	59	065:06:10.20 N	096:17:33.59 W
Summer	C-GLYF	740	SCHED	07/31/2021 20:06:12	7	0	178	93	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	740	SCHED	07/31/2021 20:08:21	8	1	174	313	065:06:11.40 N	096:17:39.00 W
Summer	C-GLYF	740	SCHED	07/31/2021 20:10:29	9	11	180	278	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	740	SCHED	07/31/2021 20:12:36	10	0	176	262	065:06:10.79 N	096:17:33.59 W
Summer	C-GLYF	740	SCHED	07/31/2021 20:14:43	11	0	134	310	065:06:10.79 N	096:17:31.20 W
Summer	C-GLYF	741	POWER_ON	07/31/2021 20:38:20	NA	NA	NA	NA		
Summer	C-GLYF	741	SCHED	07/31/2021 20:39:11	1	0	138	0	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	741	DEPARTURE	07/31/2021 20:40:20	1	72	194	104	065:06:18.59 N	096:17:04.79 W
Summer	C-GLYF	741	SCHED	07/31/2021 20:43:21	2	93	250	164	065:02:07.80 N	096:09:03.59 W
Summer	C-GLYF	741	SCHED	07/31/2021 20:45:30	3	105	297	96	065:02:10.20 N	096:09:42.60 W
Summer	C-GLYF	741	ARRIVAL	07/31/2021 20:47:35	1	0	137	243	065:01:24.59 N	096:04:13.20 W
Summer	C-GLYF	741	XML_FLIGHT_SUMMARY	07/31/2021 20:47:36	0	0	0	0		
Summer	C-GLYF	741	SCHED	07/31/2021 20:47:42	4	0	137	243	065:01:24.59 N	096:04:13.20 W
Summer	C-GLYF	741	SCHED	07/31/2021 20:49:49	5	24	181	329	065:01:26.40 N	096:04:14.39 W
Summer	C-GLYF	742	DEPARTURE	07/31/2021 20:50:07	2	66	223	304	065:01:36.00 N	096:04:45.00 W
Summer	C-GLYF	742	SCHED	07/31/2021 20:52:18	6	0	184	2	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	742	SCHED	07/31/2021 20:54:25	7	73	327	316	065:03:01.19 N	096:11:29.40 W
Summer	C-GLYF	742	SCHED	07/31/2021 20:56:37	8	80	342	320	065:05:07.20 N	096:15:43.20 W
Summer	C-GLYF	742	SCHED	07/31/2021 20:58:51	9	8	184	351	065:06:06.59 N	096:17:26.39 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:01:50	10	99	376	149	065:03:06.60 N	096:12:23.99 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:03:57	11	67	214	47	065:02:00.00 N	096:09:22.80 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:06:07	12	1	174	72	065:01:19.79 N	096:04:27.60 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:08:17	13	84	338	312	065:02:51.60 N	096:07:53.99 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:10:24	14	84	366	308	065:04:56.99 N	096:12:58.80 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:12:31	15	3	192	355	065:06:06.00 N	096:17:27.00 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:14:47	16	1	175	350	065:06:06.00 N	096:17:27.00 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:18:36	17	101	398	132	065:03:27.59 N	096:09:40.20 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:20:45	18	27	227	54	065:01:16.79 N	096:04:37.80 W
Summer	C-GLYF	742	SCHED	07/31/2021 21:23:01	19	4	157	314	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	742	ARRIVAL	07/31/2021 21:25:01	2	0	136	256	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	742	XML_FLIGHT_SUMMARY	07/31/2021 21:25:02	0	0	0	0		
Summer	C-GLYF	742	SCHED	07/31/2021 21:25:09	20	0	136	256	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	743	POWER_ON	07/31/2021 21:36:26	NA	NA	NA	NA		
Summer	C-GLYF	743	SCHED	07/31/2021 21:37:07	1	0	143	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	743	DEPARTURE	07/31/2021 21:37:47	1	74	173	300	065:01:37.19 N	096:04:47.40 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:39:57	2	106	346	319	065:04:07.20 N	096:10:18.60 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:42:08	3	110	341	322	065:07:06.59 N	096:16:22.19 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:44:15	4	112	352	320	065:10:15.00 N	096:22:15.59 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:46:28	5	113	399	317	065:13:15.00 N	096:28:13.80 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:48:35	6	111	420	320	065:16:15.60 N	096:34:49.79 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:50:47	7	112	427	322	065:19:16.20 N	096:40:58.20 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:52:54	8	114	409	320	065:22:31.80 N	096:47:15.00 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:55:01	9	117	442	322	065:25:36.60 N	096:53:19.19 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:57:11	10	111	374	332	065:28:48.59 N	096:59:07.80 W
Summer	C-GLYF	743	SCHED	07/31/2021 21:59:19	11	0	165	289	065:30:17.99 N	097:00:52.80 W
Summer	C-GLYF	743	ARRIVAL	07/31/2021 21:59:27	1	0	165	289	065:30:17.99 N	097:00:52.80 W
Summer	C-GLYF	743	XML_FLIGHT_SUMMARY	07/31/2021 21:59:28	0	0	0	0		
Summer	C-GLYF	744	DEPARTURE	07/31/2021 22:00:34	2	80	207	139	065:30:01.19 N	097:00:46.20 W
Summer	C-GLYF	744	SCHED	07/31/2021 22:03:28	12	117	342	137	065:26:18.60 N	096:51:18.59 W
Summer	C-GLYF	744	SCHED	07/31/2021 22:05:44	13	121	301	107	065:23:33.60 N	096:42:32.39 W
Summer	C-GLYF	744	ARRIVAL	07/31/2021 22:07:36	2	0	166	337	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	744	XML_FLIGHT_SUMMARY	07/31/2021 22:07:37	0	0	0	0		
Summer	C-GLYF	744	SCHED	07/31/2021 22:09:03	14	111	329	146	065:22:44.40 N	096:38:43.79 W
Summer	C-GLYF	744	ARRIVAL	07/31/2021 22:09:13	2	0	166	337	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	745	DEPARTURE	07/31/2021 22:09:20	3	75	218	141	065:23:38.40 N	096:40:16.80 W
Summer	C-GLYF	745	SCHED	07/31/2021 22:12:16	15	119	481	146	065:17:44.39 N	096:30:41.39 W
Summer	C-GLYF	745	SCHED	07/31/2021 22:14:32	16	124	414	146	065:13:37.79 N	096:24:18.60 W
Summer	C-GLYF	745	SCHED	07/31/2021 22:16:47	17	123	404	148	065:09:42.60 N	096:18:27.60 W
Summer	C-GLYF	745	SCHED	07/31/2021 22:19:10	18	123	397	148	065:05:48.60 N	096:12:40.20 W
Summer	C-GLYF	745	SCHED	07/31/2021 22:22:05	19	76	212	123	065:01:39.00 N	096:04:39.60 W
Summer	C-GLYF	745	ARRIVAL	07/31/2021 22:23:18	3	0	143	207	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	745	XML_FLIGHT_SUMMARY	07/31/2021 22:23:19	0	0	0	0		
Summer	C-GLYF	746	POWER_ON	07/31/2021 23:07:50	NA	NA	NA	NA		
Summer	C-GLYF	746	SCHED	07/31/2021 23:09:34	1	87	210	324	065:01:50.39 N	096:05:12.00 W
Summer	C-GLYF	746	DEPARTURE	07/31/2021 23:09:43	1	75	176	321	065:01:38.39 N	096:04:51.60 W
Summer	C-GLYF	746	SCHED	07/31/2021 23:11:57	2	111	328	307	065:04:34.19 N	096:13:01.19 W
Summer	C-GLYF	746	SCHED	07/31/2021 23:14:04	3	0	139	253	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	746	ARRIVAL	07/31/2021 23:14:20	1	0	139	253	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	746	XML_FLIGHT_SUMMARY	07/31/2021 23:14:21	0	0	0	0		
Summer	C-GLYF	746	SCHED	07/31/2021 23:17:18	4	0	141	253	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	746	SCHED	07/31/2021 23:19:28	5	0	141	253	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	746	SCHED	07/31/2021 23:21:36	6	0	140	253	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	747	DEPARTURE	07/31/2021 23:22:14	2	76	172	112	065:06:16.79 N	096:16:55.80 W
Summer	C-GLYF	747	SCHED	07/31/2021 23:24:22	7	118	341	128	065:03:35.39 N	096:10:10.20 W
Summer	C-GLYF	747	SCHED	07/31/2021 23:26:33	8	16	142	230	065:01:28.20 N	096:04:14.39 W
Summer	C-GLYF	747	ARRIVAL	07/31/2021 23:27:31	2	0	135	183	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	747	XML_FLIGHT_SUMMARY	07/31/2021 23:27:32	0	0	0	0		
Summer	C-GLYF	748	POWER_ON	08/01/2021 11:00:45	NA	NA	NA	NA		
Summer	C-GLYF	748	SCHED	08/01/2021 11:01:55	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:04:03	2	66	0	317	065:01:31.19 N	096:04:53.99 W
Summer	C-GLYF	748	DEPARTURE	08/01/2021 11:04:10	1	73	0	329	065:01:33.59 N	096:04:58.20 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:06:17	3	101	168	310	065:04:03.59 N	096:11:04.79 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:08:25	4	33	112	266	065:06:07.20 N	096:17:11.40 W
Summer	C-GLYF	748	ARRIVAL	08/01/2021 11:10:25	1	0	129	258	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	748	XML_FLIGHT_SUMMARY	08/01/2021 11:10:26	0	0	0	0		
Summer	C-GLYF	748	SCHED	08/01/2021 11:10:40	5	0	130	258	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:12:49	6	0	132	258	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:14:56	7	0	133	258	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:17:02	8	0	134	258	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	748	SCHED	08/01/2021 11:19:10	9	0	135	258	065:06:06.00 N	096:17:24.00 W
Summer	C-GLYF	749	DEPARTURE	08/01/2021 11:20:02	2	67	186	64	065:06:21.59 N	096:17:17.99 W
Summer	C-GLYF	749	SCHED	08/01/2021 11:23:11	10	108	259	123	065:02:48.00 N	096:07:49.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	749	SCHED	08/01/2021 11:25:25	11	0	141	230	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	749	ARRIVAL	08/01/2021 11:25:55	2	0	141	230	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	749	XML_FLIGHT_SUMMARY	08/01/2021 11:25:56	0	0	0	0		
Summer	C-GLYF	749	SCHED	08/01/2021 11:28:07	12	0	140	230	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	750	POWER_ON	08/01/2021 11:45:19	NA	NA	NA	NA		
Summer	C-GLYF	750	SCHED	08/01/2021 11:45:59	1	0	142	52	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	750	DEPARTURE	08/01/2021 11:46:51	1	67	199	316	065:01:39.59 N	096:04:38.99 W
Summer	C-GLYF	750	SCHED	08/01/2021 11:49:00	2	113	266	327	065:04:35.39 N	096:09:13.80 W
Summer	C-GLYF	750	SCHED	08/01/2021 11:51:06	3	111	276	323	065:07:47.40 N	096:14:35.40 W
Summer	C-GLYF	750	SCHED	08/01/2021 11:53:15	4	107	290	327	065:10:57.00 N	096:19:40.80 W
Summer	C-GLYF	750	SCHED	08/01/2021 11:55:27	5	108	280	330	065:14:15.60 N	096:24:15.59 W
Summer	C-GLYF	750	SCHED	08/01/2021 11:57:33	6	104	350	311	065:17:17.99 N	096:29:20.99 W
Summer	C-GLYF	750	SCHED	08/01/2021 11:59:48	7	103	347	328	065:20:13.20 N	096:33:57.60 W
Summer	C-GLYF	750	SCHED	08/01/2021 12:01:57	8	91	252	323	065:23:20.99 N	096:39:01.79 W
Summer	C-GLYF	750	ARRIVAL	08/01/2021 12:03:49	1	0	156	357	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	750	XML_FLIGHT_SUMMARY	08/01/2021 12:03:50	0	0	0	0		
Summer	C-GLYF	751	DEPARTURE	08/01/2021 12:05:51	2	72	197	185	065:23:35.40 N	096:40:25.20 W
Summer	C-GLYF	751	SCHED	08/01/2021 12:08:02	9	94	292	313	065:24:22.19 N	096:46:30.00 W
Summer	C-GLYF	751	SCHED	08/01/2021 12:10:09	10	101	251	319	065:26:46.79 N	096:52:34.19 W
Summer	C-GLYF	751	SCHED	08/01/2021 12:12:15	11	84	187	319	065:29:19.19 N	096:58:22.80 W
Summer	C-GLYF	751	SCHED	08/01/2021 12:14:34	12	0	160	285	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	751	ARRIVAL	08/01/2021 12:14:45	2	0	160	285	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	751	XML_FLIGHT_SUMMARY	08/01/2021 12:14:46	0	0	0	0		
Summer	C-GLYF	751	SCHED	08/01/2021 12:16:57	13	0	160	285	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	752	DEPARTURE	08/01/2021 12:17:37	3	35	175	186	065:30:04.79 N	097:00:56.39 W
Summer	C-GLYF	752	ARRIVAL	08/01/2021 12:18:53	3	0	158	303	065:30:01.19 N	097:01:02.40 W
Summer	C-GLYF	752	DEPARTURE	08/01/2021 12:20:41	4	79	201	91	065:30:11.99 N	097:00:36.59 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:22:53	14	126	205	142	065:26:55.80 N	096:53:17.39 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:25:00	15	131	265	139	065:23:05.40 N	096:46:53.39 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:27:09	16	133	271	141	065:19:39.60 N	096:39:43.79 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:29:17	17	130	275	138	065:16:05.40 N	096:32:55.80 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:31:33	18	129	252	141	065:12:35.40 N	096:25:33.00 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:33:42	19	128	274	143	065:08:39.60 N	096:18:56.99 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:35:49	20	123	254	147	065:05:11.40 N	096:12:25.20 W
Summer	C-GLYF	752	SCHED	08/01/2021 12:37:57	21	101	231	131	065:02:10.79 N	096:05:13.20 W
Summer	C-GLYF	752	ARRIVAL	08/01/2021 12:39:51	4	0	140	178	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	752	XML_FLIGHT_SUMMARY	08/01/2021 12:39:52	0	0	0	0		
Summer	C-GLYF	753	POWER_ON	08/01/2021 13:02:44	NA	NA	NA	NA		
Summer	C-GLYF	753	SCHED	08/01/2021 13:03:22	1	0	144	63	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	753	DEPARTURE	08/01/2021 13:04:19	1	76	176	305	065:01:39.59 N	096:04:53.40 W
Summer	C-GLYF	753	SCHED	08/01/2021 13:06:24	2	103	256	305	065:03:49.19 N	096:11:15.60 W
Summer	C-GLYF	753	SCHED	08/01/2021 13:08:34	3	36	173	325	065:06:01.79 N	096:17:16.79 W
Summer	C-GLYF	753	XML_OVERDUE_REPORT	08/01/2021 13:15:46	0	0	0	0		
Summer	C-GLYF	753	XML_FLIGHT_SUMMARY	08/01/2021 14:14:42	0	0	0	0		
Summer	C-GLYF	754	POWER_ON	08/01/2021 14:14:41	NA	NA	NA	NA		
Summer	C-GLYF	754	SCHED	08/01/2021 14:15:24	1	0	146	0	065:06:06.00 N	096:17:24.59 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:17:32	2	1	195	260	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:19:38	3	7	212	329	065:06:07.20 N	096:17:28.79 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:21:46	4	14	214	150	065:06:07.20 N	096:17:31.20 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:23:55	5	5	205	343	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:26:02	6	11	200	335	065:06:08.39 N	096:17:31.20 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:28:09	7	7	186	330	065:06:06.59 N	096:17:27.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:30:15	8	3	180	283	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:32:27	9	14	182	166	065:06:09.59 N	096:17:32.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:34:34	10	5	196	339	065:06:06.00 N	096:17:25.79 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:36:43	11	1	178	140	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:38:54	12	1	171	335	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:41:03	13	13	191	131	065:06:07.79 N	096:17:28.20 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:43:13	14	1	170	329	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:45:22	15	5	196	159	065:06:06.59 N	096:17:27.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:47:36	16	2	172	320	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:49:46	17	9	198	145	065:06:07.20 N	096:17:29.39 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:51:53	18	4	185	26	065:06:06.00 N	096:17:27.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:54:06	19	2	175	225	065:06:10.79 N	096:17:33.59 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:56:13	20	5	172	231	065:06:10.79 N	096:17:34.19 W
Summer	C-GLYF	754	SCHED	08/01/2021 14:58:31	21	0	175	354	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 15:00:55	22	0	174	24	065:06:11.40 N	096:17:33.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 15:03:02	23	0	181	304	065:06:06.59 N	096:17:27.00 W
Summer	C-GLYF	754	SCHED	08/01/2021 15:05:12	24	13	188	159	065:06:10.20 N	096:17:33.00 W
Summer	C-GLYF	754	DEPARTURE	08/01/2021 15:08:35	1	68	245	77	065:06:19.20 N	096:17:19.79 W
Summer	C-GLYF	754	SCHED	08/01/2021 15:10:42	25	94	312	132	065:02:21.59 N	096:06:16.20 W
Summer	C-GLYF	754	SCHED	08/01/2021 15:12:52	26	1	182	120	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	754	SCHED	08/01/2021 15:14:59	27	0	147	38	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	754	ARRIVAL	08/01/2021 15:15:27	1	0	147	38	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	754	XML_FLIGHT_SUMMARY	08/01/2021 15:15:28	0	0	0	0		
Summer	C-GLYF	754	SCHED	08/01/2021 15:17:52	28	0	145	38	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	755	POWER_ON	08/01/2021 15:33:57	NA	NA	NA	NA		
Summer	C-GLYF	755	SCHED	08/01/2021 15:34:40	1	0	134	347	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	755	DEPARTURE	08/01/2021 15:35:56	1	58	219	313	065:01:37.19 N	096:04:41.99 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:38:07	2	74	227	313	065:03:19.20 N	096:09:30.00 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:40:22	3	76	226	295	065:04:53.99 N	096:14:37.79 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:42:29	4	0	176	354	065:06:06.00 N	096:17:27.00 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:44:46	5	0	180	90	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:46:53	6	2	180	355	065:06:10.79 N	096:17:33.59 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:49:00	7	1	175	312	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:51:14	8	10	180	152	065:06:10.79 N	096:17:31.79 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:53:22	9	3	185	134	065:06:06.00 N	096:17:26.39 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:55:29	10	11	191	347	065:06:06.59 N	096:17:26.39 W
Summer	C-GLYF	755	SCHED	08/01/2021 15:57:40	11	2	184	277	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:00:00	12	1	172	69	065:06:12.00 N	096:17:28.79 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:02:14	13	0	177	347	065:06:12.60 N	096:17:28.79 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:04:28	14	6	201	11	065:06:05.40 N	096:17:26.39 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:06:37	15	9	201	348	065:06:11.40 N	096:17:28.20 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:08:43	16	4	184	355	065:06:06.59 N	096:17:27.00 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:10:56	17	1	181	309	065:06:12.60 N	096:17:28.79 W
Summer	C-GLYF	755	SCHED	08/01/2021 16:13:08	18	2	180	356	065:06:10.20 N	096:17:33.00 W
Summer	C-GLYF	755	ARRIVAL	08/01/2021 16:15:13	1	0	142	205	065:06:10.20 N	096:17:30.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	755	XML_FLIGHT_SUMMARY	08/01/2021 16:15:14	0	0	0	0		
Summer	C-GLYF	755	SCHED	08/01/2021 16:15:21	19	0	142	205	065:06:10.20 N	096:17:30.00 W
Summer	C-GLYF	756	POWER_ON	08/01/2021 17:01:40	NA	NA	NA	NA		
Summer	C-GLYF	756	SCHED	08/01/2021 17:02:21	1	0	131	179	065:06:10.20 N	096:17:30.60 W
Summer	C-GLYF	756	DEPARTURE	08/01/2021 17:03:58	1	82	199	108	065:06:18.59 N	096:17:03.00 W
Summer	C-GLYF	756	SCHED	08/01/2021 17:06:05	2	141	287	125	065:03:11.99 N	096:08:43.20 W
Summer	C-GLYF	756	SCHED	08/01/2021 17:08:14	3	0	136	258	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	756	ARRIVAL	08/01/2021 17:08:39	1	0	136	258	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	756	XML_FLIGHT_SUMMARY	08/01/2021 17:08:40	0	0	0	0		
Summer	C-GLYF	757	POWER_ON	08/01/2021 18:21:32	NA	NA	NA	NA		
Summer	C-GLYF	757	SCHED	08/01/2021 18:22:14	1	1	146	283	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	757	DEPARTURE	08/01/2021 18:23:33	1	56	172	323	065:01:38.39 N	096:04:37.19 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:25:43	2	81	324	326	065:03:50.39 N	096:07:57.60 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:27:53	3	86	365	328	065:06:20.39 N	096:11:49.19 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:30:03	4	88	331	330	065:08:57.60 N	096:15:37.79 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:32:10	5	86	304	325	065:11:31.19 N	096:19:33.59 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:34:19	6	92	328	322	065:14:09.60 N	096:23:38.40 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:36:31	7	86	333	325	065:16:48.00 N	096:28:16.79 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:38:39	8	95	370	324	065:19:27.59 N	096:32:51.60 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:40:49	9	93	300	325	065:22:05.40 N	096:37:43.79 W
Summer	C-GLYF	757	SCHED	08/01/2021 18:42:56	10	0	155	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	757	ARRIVAL	08/01/2021 18:43:46	1	0	154	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	757	XML_FLIGHT_SUMMARY	08/01/2021 18:43:47	0	0	0	0		
Summer	C-GLYF	757	SCHED	08/01/2021 18:45:52	11	0	147	347	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	758	POWER_ON	08/01/2021 20:08:30	NA	NA	NA	NA		
Summer	C-GLYF	758	SCHED	08/01/2021 20:09:13	1	0	162	335	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	758	SCHED	08/01/2021 20:11:31	2	65	191	255	065:23:51.60 N	096:40:59.39 W
Summer	C-GLYF	758	DEPARTURE	08/01/2021 20:11:43	1	70	200	251	065:23:49.79 N	096:41:12.60 W
Summer	C-GLYF	758	SCHED	08/01/2021 20:14:00	3	91	393	315	065:25:20.39 N	096:47:34.19 W
Summer	C-GLYF	758	SCHED	08/01/2021 20:16:10	4	97	462	309	065:27:45.00 N	096:53:52.19 W
Summer	C-GLYF	758	SCHED	08/01/2021 20:18:18	5	76	295	324	065:29:44.39 N	097:00:08.99 W
Summer	C-GLYF	758	ARRIVAL	08/01/2021 20:20:12	1	0	164	341	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	758	XML_FLIGHT_SUMMARY	08/01/2021 20:20:13	0	0	0	0		
Summer	C-GLYF	758	SCHED	08/01/2021 20:22:20	6	0	163	341	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	758	SCHED	08/01/2021 20:24:29	7	0	163	341	065:30:18.59 N	097:00:53.39 W
Summer	C-GLYF	759	POWER_ON	08/01/2021 21:23:39	NA	NA	NA	NA		
Summer	C-GLYF	759	SCHED	08/01/2021 21:24:18	1	0	159	338	065:30:17.99 N	097:00:53.39 W
Summer	C-GLYF	759	DEPARTURE	08/01/2021 21:26:17	1	83	203	174	065:30:13.19 N	097:00:22.80 W
Summer	C-GLYF	759	ARRIVAL	08/01/2021 21:27:21	1	0	149	303	065:30:01.19 N	097:01:02.40 W
Summer	C-GLYF	759	SCHED	08/01/2021 21:29:34	2	0	149	303	065:30:01.19 N	097:01:02.40 W
Summer	C-GLYF	759	DEPARTURE	08/01/2021 21:30:19	2	80	190	161	065:29:59.39 N	097:00:30.00 W
Summer	C-GLYF	759	ARRIVAL	08/01/2021 21:32:03	2	0	127	26	065:29:43.80 N	097:00:56.39 W
Summer	C-GLYF	759	DEPARTURE	08/01/2021 21:33:38	3	55	161	56	065:29:57.60 N	097:00:37.19 W
Summer	C-GLYF	759	SCHED	08/01/2021 21:35:52	3	127	361	136	065:27:26.99 N	096:53:29.39 W
Summer	C-GLYF	759	SCHED	08/01/2021 21:39:20	4	80	269	76	065:23:32.99 N	096:41:10.80 W
Summer	C-GLYF	759	ARRIVAL	08/01/2021 21:40:40	3	0	164	6	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	759	XML_FLIGHT_SUMMARY	08/01/2021 21:40:41	0	0	0	0		
Summer	C-GLYF	760	DEPARTURE	08/01/2021 21:42:25	4	67	197	102	065:23:55.20 N	096:39:49.79 W
Summer	C-GLYF	760	SCHED	08/01/2021 21:44:40	5	133	457	147	065:20:27.59 N	096:33:53.99 W
Summer	C-GLYF	760	SCHED	08/01/2021 21:47:35	6	141	495	149	065:14:57.60 N	096:26:06.00 W
Summer	C-GLYF	760	SCHED	08/01/2021 21:49:45	7	140	430	149	065:10:09.59 N	096:19:23.40 W
Summer	C-GLYF	760	SCHED	08/01/2021 21:51:54	8	137	454	147	065:05:52.80 N	096:13:10.80 W
Summer	C-GLYF	760	SCHED	08/01/2021 21:54:06	9	116	292	138	065:02:01.19 N	096:05:48.60 W
Summer	C-GLYF	760	SCHED	08/01/2021 21:56:42	10	0	150	93	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	760	ARRIVAL	08/01/2021 21:56:47	4	0	151	93	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	760	XML_FLIGHT_SUMMARY	08/01/2021 21:56:48	0	0	0	0		
Summer	C-GLYF	760	SCHED	08/01/2021 21:58:56	11	0	148	93	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	760	SCHED	08/01/2021 22:01:05	12	2	171	21	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	761	DEPARTURE	08/01/2021 22:03:06	5	42	237	319	065:01:33.00 N	096:04:49.79 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:05:16	13	63	362	292	065:02:50.39 N	096:08:01.20 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:07:28	14	79	396	272	065:03:24.00 N	096:13:55.20 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:09:36	15	56	334	354	065:04:46.19 N	096:17:19.20 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:11:42	16	5	192	23	065:06:10.20 N	096:17:32.39 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:14:40	17	3	173	350	065:06:11.40 N	096:17:31.79 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:17:42	18	92	405	129	065:04:04.20 N	096:11:11.99 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:19:50	19	51	309	113	065:01:22.79 N	096:05:08.99 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:21:58	20	1	181	75	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	761	SCHED	08/01/2021 22:24:09	21	0	139	256	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	761	XML_FLIGHT_SUMMARY	08/01/2021 22:24:33	0	0	0	0		
Summer	C-GLYF	762	POWER_ON	08/01/2021 22:24:32	NA	NA	NA	NA		
Summer	C-GLYF	762	SCHED	08/01/2021 22:25:08	1	0	139	183	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	762	POWER_ON	08/01/2021 23:05:24	NA	NA	NA	NA		
Summer	C-GLYF	762	SCHED	08/01/2021 23:06:04	1	0	141	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	762	DEPARTURE	08/01/2021 23:06:57	1	62	183	320	065:01:39.00 N	096:04:34.79 W
Summer	C-GLYF	762	SCHED	08/01/2021 23:09:05	2	103	378	305	065:03:37.80 N	096:10:20.39 W
Summer	C-GLYF	762	SCHED	08/01/2021 23:11:15	3	76	196	312	065:05:53.99 N	096:17:12.60 W
Summer	C-GLYF	762	ARRIVAL	08/01/2021 23:12:42	1	0	131	61	065:06:11.40 N	096:17:34.79 W
Summer	C-GLYF	762	XML_FLIGHT_SUMMARY	08/01/2021 23:12:43	0	0	0	0		
Summer	C-GLYF	762	SCHED	08/01/2021 23:14:51	4	0	131	61	065:06:11.40 N	096:17:34.79 W
Summer	C-GLYF	762	SCHED	08/01/2021 23:17:03	5	0	131	61	065:06:11.40 N	096:17:34.79 W
Summer	C-GLYF	762	SCHED	08/01/2021 23:19:12	6	0	129	61	065:06:11.40 N	096:17:34.79 W
Summer	C-GLYF	762	SCHED	08/01/2021 23:21:19	7	0	129	61	065:06:11.40 N	096:17:34.79 W
Summer	C-GLYF	763	DEPARTURE	08/01/2021 23:23:23	2	64	201	68	065:06:18.59 N	096:16:52.80 W
Summer	C-GLYF	763	SCHED	08/01/2021 23:25:34	8	130	317	133	065:02:14.40 N	096:06:43.19 W
Summer	C-GLYF	763	ARRIVAL	08/01/2021 23:27:31	2	0	139	88	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	763	XML_FLIGHT_SUMMARY	08/01/2021 23:27:32	0	0	0	0		
Summer	C-GLYF	764	POWER_ON	08/02/2021 11:07:08	NA	NA	NA	NA		
Summer	C-GLYF	764	SCHED	08/02/2021 11:07:51	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	764	DEPARTURE	08/02/2021 11:09:53	1	69	148	321	065:01:39.00 N	096:04:50.40 W
Summer	C-GLYF	764	SCHED	08/02/2021 11:12:02	2	111	342	308	065:03:55.79 N	096:11:17.39 W
Summer	C-GLYF	764	SCHED	08/02/2021 11:14:09	3	25	150	236	065:06:12.00 N	096:17:27.00 W
Summer	C-GLYF	764	ARRIVAL	08/02/2021 11:15:09	1	0	137	249	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	764	XML_FLIGHT_SUMMARY	08/02/2021 11:15:10	0	0	0	0		
Summer	C-GLYF	764	SCHED	08/02/2021 11:17:17	4	0	138	249	065:06:10.20 N	096:17:31.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	764	SCHED	08/02/2021 11:19:24	5	0	138	249	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	764	SCHED	08/02/2021 11:22:21	6	0	138	249	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	764	SCHED	08/02/2021 11:24:30	7	0	137	249	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	764	SCHED	08/02/2021 11:26:38	8	0	137	249	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	765	DEPARTURE	08/02/2021 11:27:47	2	73	203	131	065:05:55.79 N	096:17:05.99 W
Summer	C-GLYF	765	SCHED	08/02/2021 11:31:39	9	82	222	155	065:01:45.00 N	096:04:16.79 W
Summer	C-GLYF	765	ARRIVAL	08/02/2021 11:32:46	2	0	141	225	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	765	XML_FLIGHT_SUMMARY	08/02/2021 11:32:47	0	0	0	0		
Summer	C-GLYF	766	DEPARTURE	08/02/2021 11:33:52	3	68	199	320	065:01:37.19 N	096:04:48.60 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:36:00	10	115	405	328	065:04:45.60 N	096:09:48.59 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:38:14	11	113	432	325	065:08:06.00 N	096:15:07.19 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:40:56	12	111	419	326	065:12:20.99 N	096:22:15.59 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:43:04	13	115	403	331	065:15:46.80 N	096:27:25.80 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:45:14	14	116	396	329	065:19:16.20 N	096:32:09.59 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:47:19	15	115	320	331	065:22:42.60 N	096:37:32.39 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:49:31	16	0	163	278	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	766	ARRIVAL	08/02/2021 11:49:51	3	0	163	278	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	766	XML_FLIGHT_SUMMARY	08/02/2021 11:49:52	0	0	0	0		
Summer	C-GLYF	766	SCHED	08/02/2021 11:52:01	17	0	162	278	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	766	SCHED	08/02/2021 11:54:11	18	43	187	269	065:23:53.40 N	096:40:40.80 W
Summer	C-GLYF	767	DEPARTURE	08/02/2021 11:54:26	4	68	218	252	065:23:50.40 N	096:41:12.60 W
Summer	C-GLYF	767	SCHED	08/02/2021 11:56:35	19	104	348	310	065:25:22.19 N	096:48:07.20 W
Summer	C-GLYF	767	SCHED	08/02/2021 11:58:47	20	104	351	312	065:27:45.59 N	096:55:07.19 W
Summer	C-GLYF	767	SCHED	08/02/2021 12:00:54	21	29	180	241	065:30:19.20 N	097:00:47.39 W
Summer	C-GLYF	767	ARRIVAL	08/02/2021 12:02:04	4	0	165	301	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	767	XML_FLIGHT_SUMMARY	08/02/2021 12:02:05	0	0	0	0		
Summer	C-GLYF	767	SCHED	08/02/2021 12:04:14	22	0	166	301	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	768	DEPARTURE	08/02/2021 12:05:47	5	63	181	172	065:30:00.60 N	097:00:51.00 W
Summer	C-GLYF	768	ARRIVAL	08/02/2021 12:07:16	5	0	130	247	065:29:43.80 N	097:00:56.39 W
Summer	C-GLYF	768	POWER_ON	08/02/2021 20:15:05	NA	NA	NA	NA		
Summer	C-GLYF	768	SCHED	08/02/2021 20:15:41	1	0	0	0	065:29:45.59 N	097:01:14.39 W
Summer	C-GLYF	768	DEPARTURE	08/02/2021 20:16:57	1	82	187	57	065:29:58.19 N	097:01:18.60 W
Summer	C-GLYF	768	SCHED	08/02/2021 20:19:10	2	127	363	134	065:27:19.79 N	096:53:21.00 W
Summer	C-GLYF	768	SCHED	08/02/2021 20:21:29	3	133	376	129	065:23:57.00 N	096:45:26.40 W
Summer	C-GLYF	768	SCHED	08/02/2021 20:23:37	4	0	157	279	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	768	ARRIVAL	08/02/2021 20:24:11	1	0	157	279	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	768	XML_FLIGHT_SUMMARY	08/02/2021 20:24:12	0	0	0	0		
Summer	C-GLYF	769	DEPARTURE	08/02/2021 20:25:56	2	70	210	149	065:23:37.80 N	096:40:22.19 W
Summer	C-GLYF	769	SCHED	08/02/2021 20:28:05	5	125	481	141	065:20:27.00 N	096:34:54.59 W
Summer	C-GLYF	769	SCHED	08/02/2021 20:30:24	6	138	598	142	065:16:45.00 N	096:27:58.20 W
Summer	C-GLYF	769	SCHED	08/02/2021 20:32:30	7	139	581	142	065:12:33.59 N	096:20:26.99 W
Summer	C-GLYF	769	SCHED	08/02/2021 20:34:42	8	129	537	147	065:08:37.80 N	096:13:49.79 W
Summer	C-GLYF	769	SCHED	08/02/2021 20:36:52	9	126	484	152	065:04:39.60 N	096:08:38.40 W
Summer	C-GLYF	769	SCHED	08/02/2021 20:39:04	10	39	165	229	065:01:28.79 N	096:03:56.99 W
Summer	C-GLYF	769	ARRIVAL	08/02/2021 20:40:14	2	0	138	235	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	769	XML_FLIGHT_SUMMARY	08/02/2021 20:40:15	0	0	0	0		
Summer	C-GLYF	769	SCHED	08/02/2021 20:42:22	11	0	137	235	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	770	POWER_ON	08/02/2021 21:01:29	NA	NA	NA	NA		
Summer	C-GLYF	770	SCHED	08/02/2021 21:02:06	1	0	141	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	770	DEPARTURE	08/02/2021 21:02:47	1	77	201	328	065:01:37.80 N	096:04:46.19 W
Summer	C-GLYF	770	SCHED	08/02/2021 21:04:59	2	106	345	309	065:03:55.79 N	096:11:01.20 W
Summer	C-GLYF	770	SCHED	08/02/2021 21:07:06	3	31	161	285	065:06:10.20 N	096:17:22.80 W
Summer	C-GLYF	770	ARRIVAL	08/02/2021 21:08:09	1	0	140	280	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	770	XML_FLIGHT_SUMMARY	08/02/2021 21:08:10	0	0	0	0		
Summer	C-GLYF	771	POWER_ON	08/02/2021 21:34:48	NA	NA	NA	NA		
Summer	C-GLYF	771	SCHED	08/02/2021 21:35:32	1	0	143	144	065:06:10.20 N	096:17:30.60 W
Summer	C-GLYF	771	DEPARTURE	08/02/2021 21:35:47	1	82	204	144	065:05:56.99 N	096:17:37.19 W
Summer	C-GLYF	771	SCHED	08/02/2021 21:38:51	2	149	330	120	065:02:36.59 N	096:06:53.99 W
Summer	C-GLYF	771	ARRIVAL	08/02/2021 21:40:36	1	0	138	189	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	771	XML_FLIGHT_SUMMARY	08/02/2021 21:40:37	0	0	0	0		
Summer	C-GLYF	771	SCHED	08/02/2021 21:42:42	3	10	175	275	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	772	DEPARTURE	08/02/2021 21:43:06	2	65	242	312	065:01:34.79 N	096:04:51.60 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:45:16	4	24	245	265	065:01:50.99 N	096:09:18.00 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:47:28	5	56	288	335	065:02:13.20 N	096:10:06.59 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:49:37	6	72	319	321	065:03:51.60 N	096:13:49.19 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:51:46	7	55	271	314	065:05:57.60 N	096:16:58.80 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:53:52	8	17	192	281	065:06:11.40 N	096:17:34.19 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:56:06	9	111	357	132	065:03:57.60 N	096:13:13.19 W
Summer	C-GLYF	772	SCHED	08/02/2021 21:58:20	10	4	206	312	065:01:50.99 N	096:09:26.39 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:00:34	11	66	296	328	065:02:31.19 N	096:10:41.40 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:02:42	12	64	335	324	065:04:27.00 N	096:14:00.00 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:04:52	13	32	239	310	065:06:06.00 N	096:17:17.39 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:07:00	14	89	274	141	065:05:47.99 N	096:17:34.79 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:09:21	15	109	408	139	065:03:07.20 N	096:11:11.99 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:11:37	16	1	186	314	065:01:52.19 N	096:09:26.99 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:13:48	17	73	339	323	065:03:34.20 N	096:12:47.39 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:15:54	18	77	295	318	065:05:43.80 N	096:16:41.39 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:18:07	19	0	173	33	065:06:11.40 N	096:17:33.59 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:20:16	20	118	348	124	065:05:01.79 N	096:15:24.59 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:22:27	21	120	420	141	065:02:21.59 N	096:07:20.40 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:24:38	22	16	189	6	065:01:21.60 N	096:04:27.60 W
Summer	C-GLYF	772	SCHED	08/02/2021 22:26:46	23	0	141	209	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	772	ARRIVAL	08/02/2021 22:28:57	2	0	141	209	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	772	XML_FLIGHT_SUMMARY	08/02/2021 22:28:58	0	0	0	0		
Summer	C-GLYF	772	SCHED	08/02/2021 22:29:03	24	0	140	307	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	773	POWER_ON	08/02/2021 23:06:21	NA	NA	NA	NA		
Summer	C-GLYF	773	SCHED	08/02/2021 23:06:48	1	0	134	128	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	773	DEPARTURE	08/02/2021 23:07:29	1	58	181	314	065:01:37.80 N	096:04:46.79 W
Summer	C-GLYF	773	SCHED	08/02/2021 23:09:36	2	89	381	305	065:03:36.59 N	096:09:53.40 W
Summer	C-GLYF	773	SCHED	08/02/2021 23:11:50	3	93	237	309	065:05:34.19 N	096:15:40.80 W
Summer	C-GLYF	773	ARRIVAL	08/02/2021 23:13:45	1	0	136	299	065:06:10.79 N	096:17:31.20 W
Summer	C-GLYF	773	XML_FLIGHT_SUMMARY	08/02/2021 23:13:46	0	0	0	0		
Summer	C-GLYF	773	SCHED	08/02/2021 23:15:53	4	0	136	299	065:06:10.79 N	096:17:31.20 W
Summer	C-GLYF	773	SCHED	08/02/2021 23:17:59	5	23	140	274	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	774	DEPARTURE	08/02/2021 23:18:25	2	99	185	128	065:06:13.79 N	096:17:08.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	774	SCHED	08/02/2021 23:20:41	6	164	305	130	065:03:00.00 N	096:07:18.00 W
Summer	C-GLYF	774	SCHED	08/02/2021 23:23:00	7	0	136	172	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	774	ARRIVAL	08/02/2021 23:23:07	2	0	136	172	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	774	XML_FLIGHT_SUMMARY	08/02/2021 23:23:08	0	0	0	0		
Summer	C-GLYF	775	POWER_ON	08/03/2021 11:11:20	NA	NA	NA	NA		
Summer	C-GLYF	775	SCHED	08/03/2021 11:11:59	1	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:14:10	2	0	146	67	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	775	DEPARTURE	08/03/2021 11:14:44	1	63	167	316	065:01:39.59 N	096:04:47.40 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:16:50	3	108	255	307	065:03:52.80 N	096:10:43.79 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:19:02	4	53	176	290	065:06:06.59 N	096:17:16.20 W
Summer	C-GLYF	775	ARRIVAL	08/03/2021 11:20:19	1	0	142	269	065:06:10.79 N	096:17:31.79 W
Summer	C-GLYF	775	XML_FLIGHT_SUMMARY	08/03/2021 11:20:20	0	0	0	0		
Summer	C-GLYF	775	SCHED	08/03/2021 11:22:26	5	0	142	269	065:06:10.79 N	096:17:31.79 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:24:41	6	0	142	269	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:26:51	7	0	142	269	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:29:29	8	0	142	269	065:06:10.20 N	096:17:31.20 W
Summer	C-GLYF	775	SCHED	08/03/2021 11:34:24	9	117	243	129	065:03:13.20 N	096:09:16.19 W
Summer	C-GLYF	776	DEPARTURE	08/03/2021 11:34:38	2	73	186	72	065:06:22.19 N	096:17:36.00 W
Summer	C-GLYF	776	ARRIVAL	08/03/2021 11:36:45	2	0	138	196	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	776	XML_FLIGHT_SUMMARY	08/03/2021 11:36:46	0	0	0	0		
Summer	C-GLYF	776	SCHED	08/03/2021 11:36:53	10	0	138	196	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	777	POWER_ON	08/03/2021 11:44:22	NA	NA	NA	NA		
Summer	C-GLYF	777	SCHED	08/03/2021 11:44:58	1	0	143	314	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	777	DEPARTURE	08/03/2021 11:45:49	1	69	242	319	065:01:37.19 N	096:04:50.99 W
Summer	C-GLYF	777	SCHED	08/03/2021 11:47:58	2	97	254	307	065:03:41.99 N	096:10:42.60 W
Summer	C-GLYF	777	SCHED	08/03/2021 11:50:06	3	89	257	318	065:05:45.00 N	096:16:39.59 W
Summer	C-GLYF	777	SCHED	08/03/2021 11:52:16	4	1	167	13	065:06:10.79 N	096:17:33.59 W
Summer	C-GLYF	777	SCHED	08/03/2021 11:54:30	5	100	304	131	065:05:02.99 N	096:14:58.80 W
Summer	C-GLYF	777	SCHED	08/03/2021 11:56:38	6	88	273	130	065:02:56.99 N	096:08:26.39 W
Summer	C-GLYF	777	SCHED	08/03/2021 11:58:47	7	16	202	48	065:01:19.20 N	096:04:31.20 W
Summer	C-GLYF	777	SCHED	08/03/2021 12:00:59	8	10	151	44	065:01:28.20 N	096:04:18.00 W
Summer	C-GLYF	777	ARRIVAL	08/03/2021 12:02:13	1	0	141	234	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	777	XML_FLIGHT_SUMMARY	08/03/2021 12:02:14	0	0	0	0		
Summer	C-GLYF	778	POWER_ON	08/03/2021 12:26:42	NA	NA	NA	NA		
Summer	C-GLYF	778	SCHED	08/03/2021 12:27:18	1	0	145	327	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	778	DEPARTURE	08/03/2021 12:28:26	1	63	179	324	065:01:38.39 N	096:04:41.39 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:30:44	2	106	275	326	065:04:34.80 N	096:09:13.80 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:32:53	3	110	268	326	065:07:54.59 N	096:15:04.79 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:35:05	4	110	276	321	065:11:05.39 N	096:20:16.20 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:37:11	5	112	259	325	065:14:26.99 N	096:25:35.99 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:39:22	6	109	307	324	065:17:31.79 N	096:30:58.19 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:41:32	7	110	305	330	065:20:53.40 N	096:36:06.00 W
Summer	C-GLYF	778	SCHED	08/03/2021 12:43:44	8	30	175	297	065:23:53.40 N	096:40:22.19 W
Summer	C-GLYF	778	ARRIVAL	08/03/2021 12:44:52	1	0	160	286	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	778	XML_FLIGHT_SUMMARY	08/03/2021 12:44:53	0	0	0	0		
Summer	C-GLYF	778	SCHED	08/03/2021 12:47:04	9	70	204	256	065:23:50.99 N	096:41:08.99 W
Summer	C-GLYF	779	DEPARTURE	08/03/2021 12:47:10	2	73	206	255	065:23:50.40 N	096:41:14.39 W
Summer	C-GLYF	779	SCHED	08/03/2021 12:51:04	10	110	259	316	065:27:36.60 N	096:54:03.00 W
Summer	C-GLYF	779	SCHED	08/03/2021 12:53:11	11	40	212	275	065:29:42.00 N	097:00:52.19 W
Summer	C-GLYF	779	SCHED	08/03/2021 12:55:23	12	6	173	307	065:30:18.59 N	097:00:53.39 W
Summer	C-GLYF	779	ARRIVAL	08/03/2021 12:57:06	2	0	166	308	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	779	XML_FLIGHT_SUMMARY	08/03/2021 12:57:07	0	0	0	0		
Summer	C-GLYF	780	POWER_ON	08/03/2021 13:44:40	NA	NA	NA	NA		
Summer	C-GLYF	780	SCHED	08/03/2021 13:45:46	1	0	173	47	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	780	DEPARTURE	08/03/2021 13:46:35	1	57	194	180	065:30:01.19 N	097:00:55.80 W
Summer	C-GLYF	780	ARRIVAL	08/03/2021 13:48:11	1	0	156	270	065:29:45.00 N	097:01:10.80 W
Summer	C-GLYF	780	SCHED	08/03/2021 13:50:24	2	76	199	131	065:29:31.79 N	097:01:15.60 W
Summer	C-GLYF	780	DEPARTURE	08/03/2021 13:50:29	2	81	204	104	065:29:29.99 N	097:01:07.19 W
Summer	C-GLYF	780	ARRIVAL	08/03/2021 13:52:25	2	0	171	297	065:30:03.60 N	097:01:11.99 W
Summer	C-GLYF	780	SCHED	08/03/2021 13:55:15	3	0	171	297	065:30:03.60 N	097:01:11.99 W
Summer	C-GLYF	780	POWER_ON	08/03/2021 19:44:10	NA	NA	NA	NA		
Summer	C-GLYF	780	SCHED	08/03/2021 19:44:47	1	0	0	0	065:30:03.60 N	097:01:11.99 W
Summer	C-GLYF	780	DEPARTURE	08/03/2021 19:46:07	1	29	192	24	065:30:15.00 N	097:00:52.19 W
Summer	C-GLYF	780	ARRIVAL	08/03/2021 19:47:15	1	0	166	319	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	780	DEPARTURE	08/03/2021 19:50:25	2	83	228	85	065:30:31.79 N	097:00:37.79 W
Summer	C-GLYF	780	SCHED	08/03/2021 19:52:35	2	141	351	137	065:24:17.39 N	096:47:14.39 W
Summer	C-GLYF	780	SCHED	08/03/2021 19:54:50	3	21	174	316	065:23:53.40 N	096:40:25.80 W
Summer	C-GLYF	780	ARRIVAL	08/03/2021 19:55:45	2	0	157	303	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	780	XML_FLIGHT_SUMMARY	08/03/2021 19:55:46	0	0	0	0		
Summer	C-GLYF	781	DEPARTURE	08/03/2021 19:57:43	3	80	207	164	065:23:44.99 N	096:40:52.19 W
Summer	C-GLYF	781	SCHED	08/03/2021 19:59:49	4	141	403	143	065:20:01.79 N	096:34:53.40 W
Summer	C-GLYF	781	SCHED	08/03/2021 20:02:01	5	147	396	148	065:15:53.39 N	096:27:59.39 W
Summer	C-GLYF	781	SCHED	08/03/2021 20:04:14	6	147	392	140	065:11:30.00 N	096:20:46.79 W
Summer	C-GLYF	781	SCHED	08/03/2021 20:06:20	7	142	364	162	065:06:42.60 N	096:16:25.20 W
Summer	C-GLYF	781	SCHED	08/03/2021 20:08:30	8	130	309	144	065:02:30.59 N	096:10:22.80 W
Summer	C-GLYF	781	ARRIVAL	08/03/2021 20:10:23	3	0	146	324	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	781	XML_FLIGHT_SUMMARY	08/03/2021 20:10:24	0	0	0	0		
Summer	C-GLYF	782	DEPARTURE	08/03/2021 20:10:50	4	63	204	329	065:02:05.40 N	096:09:50.40 W
Summer	C-GLYF	782	SCHED	08/03/2021 20:12:57	9	97	296	329	065:04:31.80 N	096:14:10.80 W
Summer	C-GLYF	782	SCHED	08/03/2021 20:15:05	10	0	140	331	065:06:10.79 N	096:17:35.40 W
Summer	C-GLYF	782	ARRIVAL	08/03/2021 20:16:15	4	0	139	34	065:06:10.79 N	096:17:35.40 W
Summer	C-GLYF	782	XML_FLIGHT_SUMMARY	08/03/2021 20:16:16	0	0	0	0		
Summer	C-GLYF	783	POWER_ON	08/03/2021 20:55:32	NA	NA	NA	NA		
Summer	C-GLYF	783	SCHED	08/03/2021 20:56:12	1	0	138	276	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	783	DEPARTURE	08/03/2021 20:56:45	1	90	210	118	065:06:16.19 N	096:17:04.79 W
Summer	C-GLYF	783	SCHED	08/03/2021 20:59:51	2	144	353	128	065:02:20.40 N	096:06:53.99 W
Summer	C-GLYF	783	ARRIVAL	08/03/2021 21:01:40	1	0	134	184	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	783	XML_FLIGHT_SUMMARY	08/03/2021 21:01:41	0	0	0	0		
Summer	C-GLYF	784	POWER_ON	08/03/2021 22:37:49	NA	NA	NA	NA		
Summer	C-GLYF	784	SCHED	08/03/2021 22:38:27	1	3	147	286	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	784	DEPARTURE	08/03/2021 22:39:07	1	58	229	315	065:01:38.39 N	096:04:46.79 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:41:16	2	65	280	317	065:03:14.40 N	096:08:56.40 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:43:27	3	68	316	308	065:04:40.20 N	096:13:13.80 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:45:38	4	36	224	316	065:06:04.79 N	096:17:24.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	784	SCHED	08/03/2021 22:47:45	5	1	168	13	065:06:10.79 N	096:17:33.59 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:50:07	6	123	378	126	065:04:15.59 N	096:13:39.00 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:52:17	7	92	304	142	065:01:16.20 N	096:05:29.39 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:54:26	8	1	182	50	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	784	SCHED	08/03/2021 22:56:37	9	0	139	256	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	784	XML_OVERDUE_REPORT	08/03/2021 23:03:55	0	0	0	0		
Summer	C-GLYF	784	XML_FLIGHT_SUMMARY	08/03/2021 23:23:26	0	0	0	0		
Summer	C-GLYF	785	POWER_ON	08/03/2021 23:23:25	NA	NA	NA	NA		
Summer	C-GLYF	785	SCHED	08/03/2021 23:23:55	1	0	137	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	785	DEPARTURE	08/03/2021 23:24:59	1	58	177	307	065:01:37.19 N	096:04:38.99 W
Summer	C-GLYF	785	SCHED	08/03/2021 23:27:06	2	88	291	312	065:03:41.99 N	096:10:12.59 W
Summer	C-GLYF	785	SCHED	08/03/2021 23:29:17	3	89	222	305	065:05:45.00 N	096:16:07.19 W
Summer	C-GLYF	785	ARRIVAL	08/03/2021 23:31:26	1	0	133	42	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	785	XML_FLIGHT_SUMMARY	08/03/2021 23:31:27	0	0	0	0		
Summer	C-GLYF	785	SCHED	08/03/2021 23:31:34	4	0	133	42	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	785	SCHED	08/03/2021 23:33:42	5	0	133	42	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	785	SCHED	08/03/2021 23:35:49	6	0	134	42	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	786	DEPARTURE	08/03/2021 23:37:20	2	87	191	152	065:05:58.20 N	096:17:48.60 W
Summer	C-GLYF	786	SCHED	08/03/2021 23:39:28	7	141	374	123	065:03:07.20 N	096:08:41.99 W
Summer	C-GLYF	786	SCHED	08/03/2021 23:41:38	8	0	133	141	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	786	ARRIVAL	08/03/2021 23:42:15	2	0	133	141	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	786	XML_FLIGHT_SUMMARY	08/03/2021 23:42:16	0	0	0	0		
Summer	C-GLYF	787	POWER_ON	08/04/2021 11:10:29	NA	NA	NA	NA		
Summer	C-GLYF	787	SCHED	08/04/2021 11:11:07	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	787	SCHED	08/04/2021 11:13:15	2	18	177	323	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	787	DEPARTURE	08/04/2021 11:13:53	1	55	183	312	065:01:37.80 N	096:04:45.60 W
Summer	C-GLYF	787	SCHED	08/04/2021 11:16:00	3	82	244	311	065:03:43.80 N	096:10:08.39 W
Summer	C-GLYF	787	SCHED	08/04/2021 11:18:08	4	84	232	310	065:05:28.19 N	096:15:52.80 W
Summer	C-GLYF	787	ARRIVAL	08/04/2021 11:20:13	1	0	137	292	065:06:10.79 N	096:17:31.79 W
Summer	C-GLYF	787	XML_FLIGHT_SUMMARY	08/04/2021 11:20:14	0	0	0	0		
Summer	C-GLYF	787	SCHED	08/04/2021 11:20:20	5	0	137	292	065:06:10.79 N	096:17:31.79 W
Summer	C-GLYF	787	SCHED	08/04/2021 11:22:29	6	0	137	292	065:06:10.79 N	096:17:31.20 W
Summer	C-GLYF	787	SCHED	08/04/2021 11:24:36	7	0	137	292	065:06:10.79 N	096:17:31.20 W
Summer	C-GLYF	787	SCHED	08/04/2021 11:26:49	8	0	137	292	065:06:10.79 N	096:17:31.20 W
Summer	C-GLYF	788	DEPARTURE	08/04/2021 11:29:00	2	95	209	177	065:05:59.99 N	096:17:58.19 W
Summer	C-GLYF	788	SCHED	08/04/2021 11:31:08	9	144	298	122	065:03:00.60 N	096:08:38.40 W
Summer	C-GLYF	788	SCHED	08/04/2021 11:33:16	10	0	140	290	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	788	ARRIVAL	08/04/2021 11:33:54	2	0	138	290	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	788	XML_FLIGHT_SUMMARY	08/04/2021 11:33:55	0	0	0	0		
Summer	C-GLYF	789	POWER_ON	08/04/2021 11:40:21	NA	NA	NA	NA		
Summer	C-GLYF	789	SCHED	08/04/2021 11:41:00	1	0	142	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:43:10	2	21	147	12	065:01:25.79 N	096:04:13.20 W
Summer	C-GLYF	789	DEPARTURE	08/04/2021 11:43:31	1	53	190	328	065:01:38.39 N	096:04:30.00 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:45:40	3	83	352	326	065:03:50.99 N	096:07:50.99 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:47:48	4	86	345	327	065:06:26.39 N	096:11:42.60 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:50:00	5	81	339	324	065:08:49.79 N	096:15:33.59 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:52:18	6	80	351	323	065:11:20.39 N	096:19:57.60 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:54:29	7	91	316	328	065:14:07.80 N	096:24:23.99 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:56:37	8	81	353	328	065:16:36.59 N	096:28:13.19 W
Summer	C-GLYF	789	SCHED	08/04/2021 11:58:49	9	89	337	327	065:19:07.20 N	096:32:08.40 W
Summer	C-GLYF	789	SCHED	08/04/2021 12:00:57	10	89	347	327	065:21:37.19 N	096:36:36.00 W
Summer	C-GLYF	789	SCHED	08/04/2021 12:03:07	11	29	177	328	065:23:50.99 N	096:40:22.19 W
Summer	C-GLYF	789	ARRIVAL	08/04/2021 12:04:15	1	0	151	315	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	789	XML_FLIGHT_SUMMARY	08/04/2021 12:04:16	0	0	0	0		
Summer	C-GLYF	790	DEPARTURE	08/04/2021 12:07:17	2	66	200	259	065:23:51.60 N	096:41:12.60 W
Summer	C-GLYF	790	SCHED	08/04/2021 12:09:27	12	84	311	313	065:26:04.20 N	096:49:01.79 W
Summer	C-GLYF	790	SCHED	08/04/2021 12:11:34	13	83	284	309	065:28:06.60 N	096:54:41.99 W
Summer	C-GLYF	790	SCHED	08/04/2021 12:13:45	14	65	244	295	065:29:55.80 N	096:59:42.00 W
Summer	C-GLYF	790	ARRIVAL	08/04/2021 12:15:45	2	0	164	310	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	790	XML_FLIGHT_SUMMARY	08/04/2021 12:15:46	0	0	0	0		
Summer	C-GLYF	790	SCHED	08/04/2021 12:15:58	15	0	165	310	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	791	DEPARTURE	08/04/2021 12:17:47	3	54	210	187	065:30:02.39 N	097:01:07.19 W
Summer	C-GLYF	791	ARRIVAL	08/04/2021 12:19:24	3	0	165	349	065:30:03.60 N	097:01:11.40 W
Summer	C-GLYF	791	DEPARTURE	08/04/2021 12:20:47	4	77	203	78	065:30:17.40 N	097:00:54.60 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:22:58	16	152	286	140	065:26:30.60 N	096:53:00.60 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:25:05	17	145	367	140	065:22:16.19 N	096:45:03.00 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:27:11	18	150	371	138	065:18:17.39 N	096:37:00.60 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:29:19	19	146	359	139	065:14:20.40 N	096:28:56.39 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:31:27	20	148	394	141	065:10:16.80 N	096:20:48.00 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:33:38	21	149	376	140	065:06:13.20 N	096:12:42.60 W
Summer	C-GLYF	791	SCHED	08/04/2021 12:35:46	22	130	303	143	065:02:12.60 N	096:04:26.99 W
Summer	C-GLYF	791	ARRIVAL	08/04/2021 12:37:47	4	0	144	227	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	791	XML_FLIGHT_SUMMARY	08/04/2021 12:37:48	0	0	0	0		
Summer	C-GLYF	791	SCHED	08/04/2021 12:37:56	23	0	144	227	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	792	POWER_ON	08/04/2021 12:51:55	NA	NA	NA	NA		
Summer	C-GLYF	792	SCHED	08/04/2021 12:52:37	1	0	144	67	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	792	DEPARTURE	08/04/2021 12:54:31	1	55	256	313	065:01:38.39 N	096:04:47.40 W
Summer	C-GLYF	792	SCHED	08/04/2021 12:56:40	2	1	189	84	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	792	SCHED	08/04/2021 12:58:48	3	60	314	321	065:03:00.60 N	096:11:27.60 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:00:59	4	63	304	320	065:04:39.60 N	096:14:46.20 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:03:07	5	8	200	332	065:06:09.59 N	096:17:31.79 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:05:14	6	108	336	142	065:05:05.40 N	096:16:29.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:07:30	7	96	335	119	065:01:48.00 N	096:10:19.19 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:09:38	8	54	275	321	065:02:21.00 N	096:10:17.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:11:46	9	58	306	319	065:03:50.39 N	096:13:18.00 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:13:56	10	58	256	322	065:05:34.80 N	096:16:31.79 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:16:09	11	79	244	187	065:05:59.40 N	096:17:55.80 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:18:15	12	74	283	126	065:02:56.40 N	096:12:38.40 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:20:23	13	1	196	25	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:22:36	14	67	304	333	065:02:44.39 N	096:10:40.20 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:24:45	15	63	302	319	065:04:39.60 N	096:13:54.00 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:26:58	16	19	241	335	065:06:09.00 N	096:17:33.00 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:29:13	17	1	179	14	065:06:11.40 N	096:17:34.19 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:31:20	18	120	412	127	065:04:07.79 N	096:13:14.40 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:33:34	19	93	331	146	065:01:33.59 N	096:05:36.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	792	SCHED	08/04/2021 13:35:40	20	52	251	323	065:01:40.20 N	096:05:14.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:37:59	21	63	309	233	065:01:49.19 N	096:09:07.19 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:40:18	22	0	190	77	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	792	ARRIVAL	08/04/2021 13:42:03	1	0	145	224	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	792	XML_FLIGHT_SUMMARY	08/04/2021 13:42:04	0	0	0	0		
Summer	C-GLYF	792	SCHED	08/04/2021 13:44:12	23	0	144	224	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:46:20	24	0	144	165	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:48:29	25	0	145	165	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:50:37	26	0	146	165	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:52:50	27	0	146	165	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	792	SCHED	08/04/2021 13:55:00	28	0	146	165	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	793	POWER_ON	08/04/2021 13:57:43	NA	NA	NA	NA		
Summer	C-GLYF	793	SCHED	08/04/2021 13:58:27	1	0	135	283	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	793	SCHED	08/04/2021 14:00:37	2	0	138	166	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	793	POWER_ON	08/04/2021 15:53:41	NA	NA	NA	NA		
Summer	C-GLYF	793	SCHED	08/04/2021 15:54:22	1	0	155	146	065:01:25.79 N	096:04:16.79 W
Summer	C-GLYF	793	POWER_ON	08/04/2021 16:17:40	NA	NA	NA	NA		
Summer	C-GLYF	793	SCHED	08/04/2021 16:18:34	1	4	291	138	065:01:17.99 N	096:04:06.59 W
Summer	C-GLYF	793	DEPARTURE	08/04/2021 16:20:44	1	59	247	304	065:01:32.39 N	096:04:38.39 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:22:54	2	8	173	301	065:02:34.80 N	096:09:23.99 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:25:13	3	71	214	249	065:02:28.79 N	096:10:25.20 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:27:20	4	62	185	27	065:02:42.59 N	096:12:32.39 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:29:26	5	26	183	321	065:04:12.60 N	096:08:37.80 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:31:40	6	46	170	178	065:04:10.20 N	096:09:21.60 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:33:56	7	41	152	334	065:04:21.59 N	096:09:44.39 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:36:02	8	9	156	190	065:05:36.60 N	096:08:23.99 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:38:11	9	6	137	344	065:05:52.19 N	096:08:19.19 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:40:26	10	3	137	339	065:05:53.40 N	096:08:19.19 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:42:35	11	70	178	251	065:06:05.40 N	096:09:15.00 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:44:46	12	57	192	283	065:06:12.60 N	096:16:17.99 W
Summer	C-GLYF	793	SCHED	08/04/2021 16:46:54	13	0	170	117	065:06:13.79 N	096:17:08.40 W
Summer	C-GLYF	793	XML_FLIGHT_SUMMARY	08/04/2021 16:49:21	0	0	0	0		
Summer	C-GLYF	794	POWER_ON	08/04/2021 16:49:20	NA	NA	NA	NA		
Summer	C-GLYF	794	SCHED	08/04/2021 16:50:05	1	0	150	231	065:06:15.59 N	096:17:17.39 W
Summer	C-GLYF	794	POWER_ON	08/04/2021 16:59:59	NA	NA	NA	NA		
Summer	C-GLYF	794	SCHED	08/04/2021 17:00:45	1	0	147	253	065:06:15.59 N	096:17:17.39 W
Summer	C-GLYF	794	DEPARTURE	08/04/2021 17:01:34	1	45	175	284	065:06:17.39 N	096:17:51.60 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:03:46	2	15	145	305	065:06:47.99 N	096:20:01.20 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:05:54	3	3	136	286	065:07:53.99 N	096:17:31.79 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:08:12	4	103	220	118	065:07:21.00 N	096:14:36.00 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:11:05	5	18	145	350	065:07:39.60 N	096:14:37.19 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:13:15	6	139	320	150	065:06:52.20 N	096:11:41.40 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:15:26	7	28	160	290	065:06:27.00 N	096:06:07.80 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:17:34	8	4	148	351	065:06:39.00 N	096:06:16.20 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:19:47	9	69	235	47	065:07:22.19 N	096:04:58.20 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:21:54	10	5	205	230	065:08:32.40 N	096:02:19.20 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:24:07	11	3	196	284	065:08:32.40 N	096:02:26.39 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:26:14	12	29	220	249	065:08:19.19 N	096:03:24.00 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:28:32	13	66	208	19	065:10:00.59 N	096:04:02.99 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:30:42	14	59	180	70	065:10:24.60 N	096:03:59.40 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:32:53	15	15	219	337	065:10:07.19 N	095:58:31.79 W
Summer	C-GLYF	794	SCHED	08/04/2021 17:35:03	16	67	199	92	065:10:24.60 N	095:54:45.00 W
Summer	C-GLYF	794	ARRIVAL	08/04/2021 17:36:12	1	0	165	17	065:10:29.40 N	095:54:26.99 W
Summer	C-GLYF	794	XML_FLIGHT_SUMMARY	08/04/2021 17:36:13	0	0	0	0		
Summer	C-GLYF	795	POWER_ON	08/04/2021 17:36:43	NA	NA	NA	NA		
Summer	C-GLYF	795	SCHED	08/04/2021 17:37:11	1	0	164	0	065:10:29.40 N	095:54:27.60 W
Summer	C-GLYF	795	POWER_ON	08/04/2021 18:01:11	NA	NA	NA	NA		
Summer	C-GLYF	795	SCHED	08/04/2021 18:01:38	1	0	165	176	065:10:29.40 N	095:54:27.60 W
Summer	C-GLYF	795	DEPARTURE	08/04/2021 18:02:22	1	81	213	147	065:10:30.00 N	095:53:53.40 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:04:33	2	8	169	292	065:10:28.19 N	095:53:41.40 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:06:43	3	71	224	109	065:10:35.40 N	095:53:31.19 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:08:52	4	3	164	137	065:10:27.60 N	095:53:40.20 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:11:02	5	116	284	174	065:10:06.59 N	095:52:15.00 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:13:19	6	10	153	100	065:07:54.59 N	095:50:36.60 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:15:25	7	94	215	192	065:07:56.99 N	095:51:09.00 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:17:33	8	2	146	345	065:07:06.59 N	095:51:00.00 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:19:40	9	2	149	88	065:07:03.00 N	095:51:02.39 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:21:52	10	16	156	13	065:07:04.79 N	095:51:12.00 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:24:00	11	27	157	315	065:07:25.20 N	095:51:05.40 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:26:07	12	124	329	216	065:05:14.39 N	095:56:48.59 W
Summer	C-GLYF	795	SCHED	08/04/2021 18:28:35	13	109	295	216	065:01:49.80 N	096:03:07.20 W
Summer	C-GLYF	795	ARRIVAL	08/04/2021 18:30:01	1	0	139	232	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	795	XML_FLIGHT_SUMMARY	08/04/2021 18:30:02	0	0	0	0		
Summer	C-GLYF	796	POWER_ON	08/04/2021 18:57:32	NA	NA	NA	NA		
Summer	C-GLYF	796	SCHED	08/04/2021 18:59:15	1	51	180	315	065:01:37.80 N	096:04:50.40 W
Summer	C-GLYF	796	DEPARTURE	08/04/2021 18:59:25	1	49	177	313	065:01:36.59 N	096:04:47.40 W
Summer	C-GLYF	796	SCHED	08/04/2021 19:01:35	2	81	286	306	065:03:41.39 N	096:10:07.80 W
Summer	C-GLYF	796	SCHED	08/04/2021 19:03:42	3	83	217	311	065:05:29.39 N	096:15:49.19 W
Summer	C-GLYF	796	ARRIVAL	08/04/2021 19:05:52	1	0	136	251	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	796	XML_FLIGHT_SUMMARY	08/04/2021 19:05:53	0	0	0	0		
Summer	C-GLYF	796	SCHED	08/04/2021 19:06:00	4	0	136	251	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	797	POWER_ON	08/04/2021 19:36:11	NA	NA	NA	NA		
Summer	C-GLYF	797	SCHED	08/04/2021 19:37:41	1	2	173	36	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:39:48	2	0	183	21	065:06:12.00 N	096:17:28.79 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:42:00	3	6	179	264	065:06:10.79 N	096:17:31.79 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:44:11	4	1	174	272	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:46:23	5	3	176	76	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:48:30	6	12	184	195	065:06:11.40 N	096:17:29.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:50:40	7	4	181	41	065:06:12.00 N	096:17:28.79 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:52:53	8	4	187	42	065:06:12.00 N	096:17:29.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:55:54	9	3	183	303	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 19:58:10	10	3	183	19	065:06:12.00 N	096:17:28.79 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:00:20	11	3	176	292	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:02:32	12	5	183	44	065:06:12.00 N	096:17:29.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:04:47	13	0	173	285	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:06:54	14	2	182	32	065:06:12.60 N	096:17:30.00 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:09:06	15	10	183	223	065:06:10.79 N	096:17:32.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:11:13	16	6	182	56	065:06:12.00 N	096:17:30.60 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:13:33	17	0	172	265	065:06:10.79 N	096:17:34.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	797	SCHED	08/04/2021 20:15:44	18	4	184	49	065:06:12.00 N	096:17:30.60 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:17:51	19	0	177	36	065:06:12.60 N	096:17:30.00 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:20:03	20	1	177	53	065:06:12.60 N	096:17:29.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:23:04	21	6	178	220	065:06:12.60 N	096:17:30.00 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:25:15	22	2	186	232	065:06:10.79 N	096:17:33.59 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:27:23	23	1	178	22	065:06:12.00 N	096:17:28.79 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:29:31	24	1	143	121	065:06:12.60 N	096:17:25.79 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:31:43	25	0	135	322	065:06:11.40 N	096:17:30.00 W
Summer	C-GLYF	797	DEPARTURE	08/04/2021 20:34:29	1	57	161	45	065:06:19.80 N	096:17:44.39 W
Summer	C-GLYF	797	SCHED	08/04/2021 20:36:37	26	123	277	123	065:01:56.39 N	096:04:16.20 W
Summer	C-GLYF	797	XML_FLIGHT_SUMMARY	08/04/2021 20:38:15	0	0	0	0		
Summer	C-GLYF	798	POWER_ON	08/04/2021 20:38:14	NA	NA	NA	NA		
Summer	C-GLYF	798	SCHED	08/04/2021 20:38:52	1	0	145	105	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	798	POWER_ON	08/04/2021 21:01:53	NA	NA	NA	NA		
Summer	C-GLYF	798	SCHED	08/04/2021 21:02:29	1	0	138	230	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	798	DEPARTURE	08/04/2021 21:03:15	1	63	177	321	065:01:39.00 N	096:04:37.80 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:05:22	2	85	294	317	065:03:51.60 N	096:08:53.40 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:07:30	3	84	324	319	065:06:09.00 N	096:13:27.60 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:09:37	4	82	310	320	065:08:19.80 N	096:18:03.60 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:11:54	5	88	309	320	065:10:27.60 N	096:22:47.99 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:14:04	6	89	317	323	065:12:49.79 N	096:27:55.80 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:16:10	7	83	308	322	065:15:08.99 N	096:32:45.00 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:18:25	8	83	315	325	065:17:22.79 N	096:36:54.59 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:20:33	9	85	317	319	065:19:44.39 N	096:41:40.20 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:22:41	10	83	344	320	065:22:00.59 N	096:46:17.39 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:24:50	11	90	347	323	065:24:20.39 N	096:50:42.60 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:27:03	12	89	329	329	065:26:51.00 N	096:55:04.79 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:29:10	13	79	256	309	065:29:25.79 N	096:59:20.40 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:32:02	14	0	167	187	065:30:03.60 N	097:01:11.40 W
Summer	C-GLYF	798	ARRIVAL	08/04/2021 21:32:10	1	0	167	187	065:30:03.60 N	097:01:11.40 W
Summer	C-GLYF	798	XML_FLIGHT_SUMMARY	08/04/2021 21:32:11	0	0	0	0		
Summer	C-GLYF	798	SCHED	08/04/2021 21:34:20	15	35	183	30	065:30:07.80 N	097:01:00.00 W
Summer	C-GLYF	798	SCHED	08/04/2021 21:36:30	16	0	166	329	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	799	DEPARTURE	08/04/2021 21:37:24	2	99	194	99	065:30:30.59 N	097:00:33.00 W
Summer	C-GLYF	799	SCHED	08/04/2021 21:39:42	17	146	378	139	065:26:55.80 N	096:52:22.19 W
Summer	C-GLYF	799	SCHED	08/04/2021 21:42:04	18	134	322	101	065:23:22.80 N	096:42:38.40 W
Summer	C-GLYF	799	ARRIVAL	08/04/2021 21:43:50	2	0	162	333	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	799	XML_FLIGHT_SUMMARY	08/04/2021 21:43:51	0	0	0	0		
Summer	C-GLYF	800	DEPARTURE	08/04/2021 21:45:39	3	78	224	222	065:23:47.99 N	096:41:07.19 W
Summer	C-GLYF	800	SCHED	08/04/2021 21:47:55	19	149	421	143	065:19:42.60 N	096:34:49.79 W
Summer	C-GLYF	800	SCHED	08/04/2021 21:50:10	20	150	399	144	065:15:13.19 N	096:26:38.99 W
Summer	C-GLYF	800	SCHED	08/04/2021 21:52:24	21	154	392	149	065:10:24.00 N	096:19:00.60 W
Summer	C-GLYF	800	SCHED	08/04/2021 21:54:31	22	153	387	146	065:05:43.19 N	096:12:10.20 W
Summer	C-GLYF	800	SCHED	08/04/2021 21:56:51	23	131	254	128	065:01:45.59 N	096:03:49.79 W
Summer	C-GLYF	800	ARRIVAL	08/04/2021 21:58:49	3	0	140	117	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	800	XML_FLIGHT_SUMMARY	08/04/2021 21:58:50	0	0	0	0		
Summer	C-GLYF	801	POWER_ON	08/04/2021 23:03:51	NA	NA	NA	NA		
Summer	C-GLYF	801	SCHED	08/04/2021 23:04:28	1	0	140	102	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	801	SCHED	08/04/2021 23:06:36	2	38	149	313	065:01:29.39 N	096:04:22.79 W
Summer	C-GLYF	801	DEPARTURE	08/04/2021 23:06:52	1	60	185	323	065:01:38.39 N	096:04:43.80 W
Summer	C-GLYF	801	SCHED	08/04/2021 23:09:07	3	86	305	308	065:03:34.80 N	096:09:43.79 W
Summer	C-GLYF	801	SCHED	08/04/2021 23:11:13	4	87	355	313	065:05:40.80 N	096:15:26.40 W
Summer	C-GLYF	801	ARRIVAL	08/04/2021 23:13:10	1	0	131	60	065:06:11.40 N	096:17:29.39 W
Summer	C-GLYF	801	XML_FLIGHT_SUMMARY	08/04/2021 23:13:11	0	0	0	0		
Summer	C-GLYF	801	SCHED	08/04/2021 23:15:20	5	47	153	172	065:06:08.39 N	096:17:32.39 W
Summer	C-GLYF	802	DEPARTURE	08/04/2021 23:15:36	2	92	208	127	065:05:54.59 N	096:17:01.79 W
Summer	C-GLYF	802	SCHED	08/04/2021 23:17:46	6	0	119	359	065:05:49.79 N	096:17:25.20 W
Summer	C-GLYF	802	ARRIVAL	08/04/2021 23:17:51	2	0	119	359	065:05:49.79 N	096:17:25.20 W
Summer	C-GLYF	802	DEPARTURE	08/04/2021 23:18:18	3	94	182	125	065:05:52.80 N	096:16:43.20 W
Summer	C-GLYF	802	SCHED	08/04/2021 23:20:30	7	147	369	130	065:02:39.00 N	096:08:02.39 W
Summer	C-GLYF	802	SCHED	08/04/2021 23:22:37	8	0	126	246	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	802	ARRIVAL	08/04/2021 23:23:04	3	0	126	246	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	802	XML_FLIGHT_SUMMARY	08/04/2021 23:23:05	0	0	0	0		
Summer	C-GLYF	803	POWER_ON	08/05/2021 11:20:39	NA	NA	NA	NA		
Summer	C-GLYF	803	SCHED	08/05/2021 11:23:57	1	0	146	359	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	803	DEPARTURE	08/05/2021 11:24:48	1	56	176	311	065:01:38.39 N	096:04:46.79 W
Summer	C-GLYF	803	SCHED	08/05/2021 11:26:56	2	79	291	290	065:03:18.59 N	096:09:24.59 W
Summer	C-GLYF	803	SCHED	08/05/2021 11:29:04	3	87	288	303	065:05:00.60 N	096:14:46.80 W
Summer	C-GLYF	803	SCHED	08/05/2021 11:31:10	4	0	126	349	065:05:49.79 N	096:17:28.20 W
Summer	C-GLYF	803	ARRIVAL	08/05/2021 11:31:16	1	0	126	349	065:05:49.79 N	096:17:28.20 W
Summer	C-GLYF	803	XML_FLIGHT_SUMMARY	08/05/2021 11:31:17	0	0	0	0		
Summer	C-GLYF	804	DEPARTURE	08/05/2021 11:32:04	2	35	162	7	065:06:04.20 N	096:17:30.00 W
Summer	C-GLYF	804	ARRIVAL	08/05/2021 11:33:44	2	0	133	158	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	804	DEPARTURE	08/05/2021 11:34:44	3	75	189	100	065:06:18.59 N	096:16:53.39 W
Summer	C-GLYF	804	SCHED	08/05/2021 11:37:55	5	126	328	117	065:02:29.39 N	096:05:36.00 W
Summer	C-GLYF	804	ARRIVAL	08/05/2021 11:39:37	3	0	143	260	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	804	XML_FLIGHT_SUMMARY	08/05/2021 11:39:38	0	0	0	0		
Summer	C-GLYF	805	POWER_ON	08/05/2021 11:40:15	NA	NA	NA	NA		
Summer	C-GLYF	805	SCHED	08/05/2021 11:40:49	1	0	147	144	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	805	POWER_ON	08/05/2021 12:00:42	NA	NA	NA	NA		
Summer	C-GLYF	805	SCHED	08/05/2021 12:01:24	1	0	147	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	805	DEPARTURE	08/05/2021 12:02:04	1	63	196	320	065:01:39.00 N	096:04:36.60 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:04:15	2	87	348	325	065:04:00.00 N	096:08:13.20 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:06:22	3	92	396	323	065:06:35.39 N	096:12:49.79 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:08:34	4	94	393	322	065:09:07.19 N	096:17:19.20 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:10:44	5	90	351	326	065:11:45.59 N	096:21:41.99 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:12:54	6	93	339	328	065:14:29.40 N	096:26:01.20 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:15:05	7	86	358	327	065:17:13.20 N	096:30:05.39 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:17:23	8	90	334	331	065:20:00.60 N	096:34:10.20 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:19:39	9	89	303	324	065:22:52.79 N	096:38:46.79 W
Summer	C-GLYF	805	ARRIVAL	08/05/2021 12:21:41	1	0	155	305	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	805	XML_FLIGHT_SUMMARY	08/05/2021 12:21:42	0	0	0	0		
Summer	C-GLYF	805	SCHED	08/05/2021 12:21:49	10	0	155	305	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	805	SCHED	08/05/2021 12:23:58	11	0	155	305	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	806	DEPARTURE	08/05/2021 12:25:16	2	68	209	249	065:23:50.40 N	096:41:11.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	806	SCHED	08/05/2021 12:27:33	12	86	340	319	065:25:04.80 N	096:46:45.00 W
Summer	C-GLYF	806	SCHED	08/05/2021 12:29:41	13	84	338	312	065:27:22.19 N	096:52:10.20 W
Summer	C-GLYF	806	SCHED	08/05/2021 12:31:54	14	90	311	297	065:29:12.60 N	096:57:56.39 W
Summer	C-GLYF	806	SCHED	08/05/2021 12:34:05	15	46	198	44	065:30:11.40 N	097:01:00.00 W
Summer	C-GLYF	806	ARRIVAL	08/05/2021 12:35:12	2	0	167	359	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	806	XML_FLIGHT_SUMMARY	08/05/2021 12:35:13	0	0	0	0		
Summer	C-GLYF	807	DEPARTURE	08/05/2021 12:36:30	3	62	207	17	065:30:33.00 N	097:00:36.00 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:38:43	16	113	315	121	065:29:01.19 N	097:00:30.00 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:40:53	17	118	334	136	065:26:00.00 N	096:52:22.19 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:43:06	18	142	408	145	065:22:11.40 N	096:45:41.39 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:45:14	19	143	414	142	065:18:02.40 N	096:38:07.79 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:47:22	20	144	448	140	065:13:55.80 N	096:30:43.20 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:49:30	21	147	473	138	065:10:01.19 N	096:22:46.19 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:51:38	22	143	454	138	065:06:15.00 N	096:14:21.59 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:53:46	23	131	331	123	065:02:29.39 N	096:06:20.40 W
Summer	C-GLYF	807	SCHED	08/05/2021 12:55:55	24	0	142	262	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	807	ARRIVAL	08/05/2021 12:56:05	3	0	142	262	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	807	XML_FLIGHT_SUMMARY	08/05/2021 12:56:06	0	0	0	0		
Summer	C-GLYF	808	DEPARTURE	08/05/2021 12:56:55	4	55	197	314	065:01:37.19 N	096:04:38.39 W
Summer	C-GLYF	808	SCHED	08/05/2021 12:59:03	25	90	335	307	065:03:43.19 N	096:10:37.80 W
Summer	C-GLYF	808	SCHED	08/05/2021 13:01:11	26	79	246	310	065:05:43.19 N	096:16:34.19 W
Summer	C-GLYF	808	ARRIVAL	08/05/2021 13:02:51	4	0	144	36	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	808	XML_FLIGHT_SUMMARY	08/05/2021 13:02:52	0	0	0	0		
Summer	C-GLYF	808	SCHED	08/05/2021 13:05:04	27	0	141	36	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	809	POWER_ON	08/05/2021 13:57:52	NA	NA	NA	NA		
Summer	C-GLYF	809	SCHED	08/05/2021 13:58:35	1	0	140	136	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:00:43	2	0	181	176	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:02:53	3	0	171	21	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:05:04	4	1	169	155	065:06:09.00 N	096:17:40.20 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:07:23	5	0	167	13	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:09:41	6	0	162	13	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:11:50	7	0	148	198	065:06:10.20 N	096:17:32.39 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:14:00	8	0	139	91	065:06:10.20 N	096:17:31.79 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:16:09	9	1	179	275	065:06:09.59 N	096:17:39.59 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:18:18	10	1	170	52	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:20:26	11	12	176	76	065:06:09.59 N	096:17:37.19 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:22:33	12	1	173	306	065:06:09.59 N	096:17:40.20 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:24:46	13	1	176	273	065:06:09.59 N	096:17:40.20 W
Summer	C-GLYF	809	SCHED	08/05/2021 14:26:57	14	5	149	41	065:06:10.20 N	096:17:28.20 W
Summer	C-GLYF	809	POWER_ON	08/05/2021 14:28:37	NA	NA	NA	NA		
Summer	C-GLYF	809	SCHED	08/05/2021 14:29:13	1	0	144	0	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	809	POWER_ON	08/05/2021 15:06:30	NA	NA	NA	NA		
Summer	C-GLYF	809	SCHED	08/05/2021 15:07:08	1	0	133	247	065:06:10.20 N	096:17:28.20 W
Summer	C-GLYF	809	SCHED	08/05/2021 15:11:04	2	132	309	119	065:02:50.39 N	096:08:01.79 W
Summer	C-GLYF	809	DEPARTURE	08/05/2021 15:11:15	1	79	189	82	065:06:21.00 N	096:17:13.79 W
Summer	C-GLYF	809	XML_FLIGHT_SUMMARY	08/05/2021 15:13:39	0	0	0	0		
Summer	C-GLYF	810	POWER_ON	08/05/2021 15:13:38	NA	NA	NA	NA		
Summer	C-GLYF	810	POWER_ON	08/05/2021 15:25:36	NA	NA	NA	NA		
Summer	C-GLYF	810	SCHED	08/05/2021 15:26:17	1	0	129	180	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	810	DEPARTURE	08/05/2021 15:27:44	1	52	182	325	065:01:37.80 N	096:04:30.59 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:29:58	2	94	338	329	065:04:13.20 N	096:08:20.40 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:32:12	3	96	331	327	065:07:13.80 N	096:12:50.40 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:34:18	4	90	322	325	065:10:01.19 N	096:17:13.79 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:36:27	5	93	344	324	065:12:40.20 N	096:21:32.39 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:38:34	6	89	352	323	065:15:18.59 N	096:26:03.59 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:40:42	7	93	397	326	065:17:58.19 N	096:30:28.79 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:42:52	8	93	336	324	065:20:41.99 N	096:34:52.80 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:45:01	9	77	235	323	065:23:23.39 N	096:39:35.40 W
Summer	C-GLYF	810	ARRIVAL	08/05/2021 15:46:44	1	0	154	318	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	810	XML_FLIGHT_SUMMARY	08/05/2021 15:46:45	0	0	0	0		
Summer	C-GLYF	810	SCHED	08/05/2021 15:48:49	10	0	156	318	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:51:04	11	0	158	318	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	810	SCHED	08/05/2021 15:53:12	12	0	158	318	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	811	DEPARTURE	08/05/2021 15:54:24	2	63	202	257	065:23:50.40 N	096:41:08.99 W
Summer	C-GLYF	811	SCHED	08/05/2021 15:56:33	13	91	326	292	065:24:46.20 N	096:47:46.19 W
Summer	C-GLYF	811	SCHED	08/05/2021 15:58:43	14	81	295	302	065:26:10.20 N	096:55:09.59 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:00:59	15	46	207	186	065:26:35.99 N	096:57:03.59 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:03:06	16	57	217	189	065:26:25.79 N	096:58:06.00 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:05:13	17	69	200	271	065:25:55.79 N	097:00:08.99 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:07:21	18	13	184	302	065:26:06.00 N	097:02:00.60 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:09:30	19	26	184	273	065:24:50.40 N	097:06:26.99 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:11:38	20	66	219	312	065:25:18.00 N	097:08:10.20 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:13:46	21	22	193	94	065:26:23.40 N	097:09:16.19 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:15:54	22	82	249	81	065:26:21.60 N	097:06:31.80 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:18:08	23	6	177	189	065:26:52.19 N	097:05:24.59 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:20:17	24	6	175	291	065:26:47.39 N	097:03:16.20 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:22:24	25	2	172	66	065:27:06.60 N	097:03:08.40 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:24:31	26	34	191	34	065:27:15.00 N	097:03:10.80 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:26:41	27	65	217	77	065:27:25.79 N	096:58:20.40 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:28:48	28	8	142	7	065:27:41.40 N	096:57:04.19 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:30:57	29	9	160	294	065:27:28.80 N	096:56:02.39 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:33:04	30	38	180	239	065:27:22.80 N	096:57:22.80 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:35:11	31	44	178	264	065:27:45.59 N	096:58:00.59 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:37:19	32	34	147	356	065:28:16.19 N	096:59:52.19 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:39:27	33	0	120	22	065:28:24.59 N	097:01:30.60 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:41:35	34	67	246	282	065:28:34.20 N	097:04:07.80 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:43:46	35	4	136	241	065:28:58.19 N	097:07:28.80 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:46:01	36	8	133	310	065:29:07.80 N	097:08:20.40 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:48:13	37	63	199	309	065:29:48.59 N	097:12:34.20 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:50:22	38	33	180	239	065:30:17.40 N	097:13:56.39 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:52:30	39	8	154	332	065:30:10.19 N	097:13:31.20 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:54:41	40	3	167	196	065:30:16.19 N	097:13:48.59 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:56:47	41	25	194	327	065:31:03.60 N	097:14:13.19 W
Summer	C-GLYF	811	SCHED	08/05/2021 16:58:52	42	5	173	274	065:31:04.19 N	097:14:40.79 W
Summer	C-GLYF	811	SCHED	08/05/2021 17:01:00	43	63	225	50	065:31:36.59 N	097:13:56.39 W
Summer	C-GLYF	811	SCHED	08/05/2021 17:03:10	44	6	186	47	065:32:22.79 N	097:11:52.19 W
Summer	C-GLYF	811	XML_OVERDUE_REPORT	08/05/2021 17:10:28	0	0	0	0		

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	811	XML_FLIGHT_SUMMARY	08/05/2021 17:40:53	0	0	0	0		
Summer	C-GLYF	812	POWER_ON	08/05/2021 17:40:52	NA	NA	NA	NA		
Summer	C-GLYF	812	SCHED	08/05/2021 17:41:22	1	0	137	293	065:32:33.00 N	097:11:52.19 W
Summer	C-GLYF	812	SCHED	08/05/2021 17:43:29	2	3	175	181	065:32:29.39 N	097:11:55.80 W
Summer	C-GLYF	812	DEPARTURE	08/05/2021 17:45:07	1	79	216	139	065:32:32.39 N	097:11:23.99 W
Summer	C-GLYF	812	SCHED	08/05/2021 17:47:15	3	1	181	231	065:32:23.39 N	097:11:52.19 W
Summer	C-GLYF	812	SCHED	08/05/2021 17:49:24	4	21	167	349	065:32:40.20 N	097:12:07.80 W
Summer	C-GLYF	812	SCHED	08/05/2021 17:51:36	5	65	188	202	065:33:40.20 N	097:09:34.79 W
Summer	C-GLYF	812	SCHED	08/05/2021 17:55:18	6	3	170	359	065:34:40.20 N	097:09:19.19 W
Summer	C-GLYF	812	SCHED	08/05/2021 17:58:24	7	23	183	336	065:34:48.60 N	097:08:50.99 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:00:32	8	7	125	278	065:33:05.99 N	097:07:22.19 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:02:39	9	9	111	320	065:33:26.40 N	097:08:16.20 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:04:49	10	1	118	213	065:33:34.80 N	097:08:31.79 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:07:01	11	13	124	316	065:33:44.39 N	097:08:47.99 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:09:09	12	48	190	70	065:32:32.39 N	097:09:37.80 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:11:20	13	80	192	188	065:32:37.80 N	097:10:25.80 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:13:28	14	4	191	340	065:31:05.40 N	097:09:47.39 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:15:37	15	42	198	30	065:31:14.40 N	097:10:13.20 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:17:47	16	4	197	280	065:31:05.99 N	097:09:51.00 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:19:56	17	68	222	54	065:31:22.79 N	097:09:04.19 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:22:51	18	52	210	189	065:30:45.59 N	097:08:44.39 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:25:06	19	10	189	294	065:30:54.00 N	097:09:49.20 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:27:15	20	15	190	344	065:31:02.40 N	097:10:13.20 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:29:26	21	6	192	269	065:31:05.99 N	097:09:52.19 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:33:12	22	11	181	266	065:30:55.80 N	097:10:06.00 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:35:29	23	4	185	304	065:31:05.99 N	097:10:58.20 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:37:52	24	103	228	96	065:31:35.40 N	097:08:08.40 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:40:00	25	13	180	324	065:31:20.40 N	097:04:13.79 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:42:25	26	55	175	70	065:31:36.00 N	097:04:15.00 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:44:33	27	5	186	328	065:31:21.60 N	097:04:15.60 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:46:42	28	3	179	305	065:31:23.40 N	097:04:22.79 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:48:54	29	102	281	122	065:30:48.00 N	097:03:45.60 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:52:03	30	138	315	139	065:27:07.80 N	096:52:42.60 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:54:13	31	130	302	110	065:23:36.60 N	096:43:27.60 W
Summer	C-GLYF	812	SCHED	08/05/2021 18:56:23	32	0	151	328	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	812	ARRIVAL	08/05/2021 18:56:29	1	0	151	328	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	812	XML_FLIGHT_SUMMARY	08/05/2021 18:56:30	0	0	0	0		
Summer	C-GLYF	813	POWER_ON	08/05/2021 19:13:31	NA	NA	NA	NA		
Summer	C-GLYF	813	SCHED	08/05/2021 19:14:13	1	0	157	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:16:27	2	0	153	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	813	DEPARTURE	08/05/2021 19:16:55	1	63	201	250	065:23:49.79 N	096:41:13.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:19:07	3	107	327	43	065:25:18.60 N	096:43:31.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:21:16	4	10	174	300	065:25:54.00 N	096:40:40.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:23:25	5	12	180	259	065:25:56.40 N	096:41:04.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:25:33	6	10	183	239	065:25:48.00 N	096:41:50.40 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:27:48	7	6	173	279	065:25:54.00 N	096:40:35.99 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:29:57	8	11	177	348	065:25:55.20 N	096:40:52.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:32:12	9	101	288	95	065:26:11.39 N	096:40:43.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:34:26	10	8	181	328	065:26:34.79 N	096:36:01.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:36:35	11	5	164	307	065:26:41.99 N	096:36:16.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:38:48	12	9	155	348	065:26:51.59 N	096:36:25.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:41:04	13	17	169	5	065:27:07.19 N	096:36:17.39 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:43:13	14	7	176	350	065:26:31.19 N	096:36:01.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:45:21	15	3	164	10	065:26:43.79 N	096:36:21.00 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:47:29	16	56	219	106	065:27:13.19 N	096:35:49.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:49:38	17	45	219	331	065:26:51.59 N	096:36:45.00 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:51:44	18	31	186	307	065:27:16.80 N	096:35:35.40 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:53:53	19	0	179	89	065:26:38.40 N	096:35:32.39 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:56:01	20	12	182	36	065:26:38.99 N	096:35:49.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 19:58:08	21	7	183	106	065:26:41.99 N	096:35:26.39 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:00:17	22	9	177	327	065:26:31.79 N	096:35:56.99 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:02:24	23	4	183	140	065:26:35.40 N	096:36:06.59 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:04:36	24	4	184	337	065:26:33.59 N	096:35:46.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:06:55	25	40	211	1	065:25:58.20 N	096:34:52.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:09:02	26	6	164	269	065:26:19.79 N	096:35:17.39 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:11:09	27	89	285	76	065:27:03.59 N	096:32:49.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:13:25	28	68	215	77	065:28:01.19 N	096:27:00.59 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:15:32	29	34	183	269	065:28:07.19 N	096:27:10.80 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:17:41	30	15	166	261	065:27:55.20 N	096:28:53.39 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:19:48	31	2	173	245	065:28:09.60 N	096:26:43.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:21:57	32	72	244	236	065:27:57.00 N	096:29:48.59 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:24:04	33	10	190	271	065:27:10.80 N	096:28:37.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:26:14	34	1	182	10	065:27:10.20 N	096:29:09.59 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:28:22	35	70	207	57	065:28:10.19 N	096:26:32.99 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:31:42	36	79	286	49	065:26:49.20 N	096:22:46.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:33:55	37	74	268	9	065:29:23.99 N	096:19:25.80 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:36:07	38	71	230	120	065:30:54.60 N	096:18:22.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:38:20	39	4	198	308	065:31:02.99 N	096:18:52.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:40:29	40	86	253	104	065:31:31.19 N	096:18:36.00 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:42:37	41	9	213	336	065:31:43.19 N	096:17:57.60 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:44:59	42	56	229	1	065:32:24.59 N	096:18:34.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:47:07	43	15	212	171	065:34:31.80 N	096:16:30.60 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:49:15	44	5	201	333	065:34:45.60 N	096:15:54.60 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:51:21	45	93	269	157	065:34:13.20 N	096:15:40.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:53:29	46	115	304	169	065:30:36.00 N	096:13:48.00 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:55:35	47	4	187	288	065:29:25.20 N	096:13:16.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 20:57:53	48	17	177	0	065:29:00.00 N	096:11:35.99 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:00:04	49	48	201	234	065:29:04.19 N	096:12:18.00 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:02:11	50	82	262	251	065:27:47.39 N	096:18:05.40 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:04:23	51	6	214	269	065:27:22.80 N	096:21:15.00 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:06:34	52	28	212	289	065:27:22.80 N	096:21:43.19 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:08:42	53	96	353	281	065:27:53.39 N	096:28:31.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:10:49	54	95	359	282	065:28:35.40 N	096:36:23.39 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:13:02	55	91	288	296	065:29:34.20 N	096:44:10.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:15:09	56	98	277	269	065:30:03.60 N	096:52:31.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:17:19	57	64	247	257	065:30:03.60 N	097:00:17.99 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:19:29	58	2	166	143	065:30:20.99 N	097:01:10.80 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:21:40	59	11	168	19	065:30:38.39 N	097:02:08.99 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:23:48	60	6	168	358	065:30:39.00 N	097:01:51.60 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:25:58	61	1	157	268	065:30:20.99 N	097:01:11.40 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:28:09	62	5	171			

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	813	ARRIVAL	08/05/2021 21:31:30	1	0	155	332	065:30:17.99 N	097:01:19.20 W
Summer	C-GLYF	813	XML_FLIGHT_SUMMARY	08/05/2021 21:31:31	0	0	0	0		
Summer	C-GLYF	813	SCHED	08/05/2021 21:33:37	64	0	154	332	065:30:17.99 N	097:01:19.20 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:35:44	65	1	140	335	065:30:34.79 N	097:01:19.79 W
Summer	C-GLYF	813	SCHED	08/05/2021 21:38:22	66	48	161	10	065:30:42.00 N	097:01:27.00 W
Summer	C-GLYF	814	DEPARTURE	08/05/2021 21:38:32	2	83	200	97	065:30:46.19 N	097:01:07.80 W
Summer	C-GLYF	814	SCHED	08/05/2021 21:43:08	67	139	294	112	065:23:38.40 N	096:43:15.60 W
Summer	C-GLYF	814	ARRIVAL	08/05/2021 21:44:37	2	0	164	359	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	814	XML_FLIGHT_SUMMARY	08/05/2021 21:44:38	0	0	0	0		
Summer	C-GLYF	815	POWER_ON	08/05/2021 22:00:23	NA	NA	NA	NA		
Summer	C-GLYF	815	SCHED	08/05/2021 22:01:01	1	0	165	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	815	DEPARTURE	08/05/2021 22:02:17	1	87	233	170	065:23:42.60 N	096:40:58.20 W
Summer	C-GLYF	815	SCHED	08/05/2021 22:06:03	2	144	498	147	065:16:47.39 N	096:29:30.60 W
Summer	C-GLYF	815	SCHED	08/05/2021 22:08:12	3	143	484	150	065:12:30.60 N	096:22:40.20 W
Summer	C-GLYF	815	SCHED	08/05/2021 22:10:18	4	146	417	148	065:08:03.00 N	096:16:23.99 W
Summer	C-GLYF	815	SCHED	08/05/2021 22:12:30	5	147	382	144	065:03:51.60 N	096:09:38.40 W
Summer	C-GLYF	815	SCHED	08/05/2021 22:14:36	6	11	147	251	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	815	ARRIVAL	08/05/2021 22:15:37	1	0	140	141	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	815	XML_FLIGHT_SUMMARY	08/05/2021 22:15:38	0	0	0	0		
Summer	C-GLYF	816	POWER_ON	08/05/2021 22:49:30	NA	NA	NA	NA		
Summer	C-GLYF	816	SCHED	08/05/2021 22:51:04	1	0	133	155	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	816	DEPARTURE	08/05/2021 22:51:55	1	57	180	316	065:01:37.19 N	096:04:45.00 W
Summer	C-GLYF	816	SCHED	08/05/2021 22:54:06	2	90	313	310	065:03:34.20 N	096:10:15.00 W
Summer	C-GLYF	816	SCHED	08/05/2021 22:56:14	3	89	215	306	065:05:46.80 N	096:16:20.99 W
Summer	C-GLYF	816	ARRIVAL	08/05/2021 22:57:45	1	0	134	351	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	816	XML_FLIGHT_SUMMARY	08/05/2021 22:57:46	0	0	0	0		
Summer	C-GLYF	817	DEPARTURE	08/05/2021 22:58:48	2	45	148	154	065:05:56.99 N	096:17:23.40 W
Summer	C-GLYF	817	ARRIVAL	08/05/2021 23:00:08	2	0	122	324	065:05:49.79 N	096:17:27.00 W
Summer	C-GLYF	817	DEPARTURE	08/05/2021 23:01:01	3	88	159	125	065:05:50.99 N	096:16:46.80 W
Summer	C-GLYF	817	SCHED	08/05/2021 23:03:11	4	144	308	128	065:02:55.80 N	096:08:05.40 W
Summer	C-GLYF	817	SCHED	08/05/2021 23:05:22	5	0	134	171	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	817	ARRIVAL	08/05/2021 23:05:47	3	0	134	171	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	817	XML_FLIGHT_SUMMARY	08/05/2021 23:05:48	0	0	0	0		
Summer	C-GLYF	818	POWER_ON	08/06/2021 11:11:23	NA	NA	NA	NA		
Summer	C-GLYF	818	SCHED	08/06/2021 11:12:09	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	818	SCHED	08/06/2021 11:15:08	2	0	264	343	065:01:28.20 N	096:04:18.59 W
Summer	C-GLYF	818	DEPARTURE	08/06/2021 11:15:26	1	59	240	315	065:01:39.00 N	096:04:48.00 W
Summer	C-GLYF	818	SCHED	08/06/2021 11:17:33	3	110	299	304	065:03:34.80 N	096:11:00.00 W
Summer	C-GLYF	818	SCHED	08/06/2021 11:19:44	4	40	153	320	065:05:45.00 N	096:17:21.59 W
Summer	C-GLYF	818	ARRIVAL	08/06/2021 11:20:50	1	0	128	359	065:05:49.79 N	096:17:27.60 W
Summer	C-GLYF	818	XML_FLIGHT_SUMMARY	08/06/2021 11:20:51	0	0	0	0		
Summer	C-GLYF	819	DEPARTURE	08/06/2021 11:21:36	2	42	162	30	065:06:04.20 N	096:17:30.00 W
Summer	C-GLYF	819	ARRIVAL	08/06/2021 11:22:32	2	0	138	345	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	819	DEPARTURE	08/06/2021 11:23:12	3	77	176	98	065:06:18.59 N	096:17:00.00 W
Summer	C-GLYF	819	SCHED	08/06/2021 11:25:21	5	127	287	131	065:03:30.59 N	096:10:06.00 W
Summer	C-GLYF	819	SCHED	08/06/2021 11:27:33	6	10	149	216	065:01:27.60 N	096:04:16.79 W
Summer	C-GLYF	819	ARRIVAL	08/06/2021 11:28:33	3	0	141	182	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	819	XML_FLIGHT_SUMMARY	08/06/2021 11:28:34	0	0	0	0		
Summer	C-GLYF	820	DEPARTURE	08/06/2021 11:29:46	4	62	233	308	065:01:38.39 N	096:04:46.79 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:32:02	7	8	204	334	065:01:50.39 N	096:09:26.99 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:35:37	8	80	324	320	065:03:59.40 N	096:13:43.20 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:37:48	9	4	188	331	065:06:12.00 N	096:17:28.20 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:41:36	10	93	315	150	065:03:11.40 N	096:13:10.80 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:43:46	11	0	191	52	065:01:52.80 N	096:09:29.40 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:45:57	12	72	313	321	065:02:47.39 N	096:11:08.39 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:48:04	13	83	302	323	065:04:56.99 N	096:15:33.00 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:50:27	14	1	169	329	065:06:12.60 N	096:17:28.79 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:52:35	15	98	326	156	065:04:15.59 N	096:14:25.80 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:54:46	16	49	276	70	065:01:47.39 N	096:09:44.39 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:56:52	17	45	231	326	065:02:01.19 N	096:09:43.20 W
Summer	C-GLYF	820	SCHED	08/06/2021 11:58:59	18	73	323	319	065:03:50.99 N	096:13:17.39 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:01:07	19	60	274	328	065:05:49.79 N	096:17:01.19 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:03:15	20	64	233	116	065:06:18.59 N	096:17:05.40 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:06:07	21	99	297	148	065:02:45.00 N	096:11:42.60 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:08:19	22	80	246	323	065:02:28.20 N	096:10:32.39 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:10:35	23	82	277	323	065:04:51.60 N	096:15:18.60 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:13:38	24	1	170	292	065:06:12.60 N	096:17:28.79 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:15:46	25	98	304	156	065:04:58.20 N	096:15:08.40 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:17:55	26	94	314	134	065:02:01.80 N	096:11:04.79 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:20:06	27	84	303	61	065:02:30.59 N	096:08:31.19 W
Summer	C-GLYF	820	SCHED	08/06/2021 12:22:24	28	4	165	311	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	820	ARRIVAL	08/06/2021 12:23:39	4	0	144	237	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	820	XML_FLIGHT_SUMMARY	08/06/2021 12:23:40	0	0	0	0		
Summer	C-GLYF	820	SCHED	08/06/2021 12:25:46	29	0	145	237	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	821	POWER_ON	08/06/2021 12:48:14	NA	NA	NA	NA		
Summer	C-GLYF	821	SCHED	08/06/2021 12:48:51	1	0	147	244	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	821	DEPARTURE	08/06/2021 12:50:47	1	68	198	326	065:01:40.20 N	096:04:38.99 W
Summer	C-GLYF	821	SCHED	08/06/2021 12:52:55	2	103	326	324	065:04:45.00 N	096:09:36.60 W
Summer	C-GLYF	821	SCHED	08/06/2021 12:55:07	3	103	311	325	065:07:40.79 N	096:14:36.00 W
Summer	C-GLYF	821	SCHED	08/06/2021 12:57:27	4	104	285	327	065:10:50.40 N	096:19:24.59 W
Summer	C-GLYF	821	SCHED	08/06/2021 12:59:34	5	100	281	328	065:14:10.19 N	096:24:22.19 W
Summer	C-GLYF	821	SCHED	08/06/2021 13:01:42	6	102	292	326	065:17:12.60 N	096:29:03.60 W
Summer	C-GLYF	821	SCHED	08/06/2021 13:03:53	7	102	276	325	065:20:07.79 N	096:33:57.60 W
Summer	C-GLYF	821	SCHED	08/06/2021 13:06:05	8	92	246	326	065:23:13.80 N	096:38:50.99 W
Summer	C-GLYF	821	ARRIVAL	08/06/2021 13:07:46	1	0	164	312	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	821	XML_FLIGHT_SUMMARY	08/06/2021 13:07:47	0	0	0	0		
Summer	C-GLYF	821	SCHED	08/06/2021 13:09:55	9	0	164	312	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	822	DEPARTURE	08/06/2021 13:10:54	2	73	224	249	065:23:49.79 N	096:41:13.20 W
Summer	C-GLYF	822	SCHED	08/06/2021 13:13:07	10	96	247	310	065:25:24.60 N	096:48:07.80 W
Summer	C-GLYF	822	SCHED	08/06/2021 13:15:17	11	98	227	311	065:27:46.19 N	096:54:45.00 W
Summer	C-GLYF	822	SCHED	08/06/2021 13:17:25	12	43	197	313	065:29:59.39 N	097:00:59.39 W
Summer	C-GLYF	822	ARRIVAL	08/06/2021 13:18:43	2	0	173	234	065:30:03.00 N	097:01:09.59 W
Summer	C-GLYF	822	XML_FLIGHT_SUMMARY	08/06/2021 13:18:44	0	0	0	0		
Summer	C-GLYF	822	SCHED	08/06/2021 13:20:52	13	0	173	234	065:30:03.00 N	097:01:09.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	823	DEPARTURE	08/06/2021 13:22:17	3	35	163	195	065:29:48.59 N	097:00:56.99 W
Summer	C-GLYF	823	ARRIVAL	08/06/2021 13:23:38	3	0	163	338	065:29:45.00 N	097:01:15.00 W
Summer	C-GLYF	823	DEPARTURE	08/06/2021 13:24:46	4	63	193	356	065:30:03.00 N	097:01:12.60 W
Summer	C-GLYF	823	ARRIVAL	08/06/2021 13:26:28	4	0	149	335	065:30:35.40 N	097:01:19.79 W
Summer	C-GLYF	823	SCHED	08/06/2021 13:28:36	14	0	148	335	065:30:34.79 N	097:01:19.79 W
Summer	C-GLYF	823	DEPARTURE	08/06/2021 13:29:05	5	75	185	156	065:30:34.79 N	097:00:50.40 W
Summer	C-GLYF	823	ARRIVAL	08/06/2021 13:30:39	5	0	154	314	065:30:17.99 N	097:01:18.60 W
Summer	C-GLYF	823	DEPARTURE	08/06/2021 13:32:42	6	70	186	103	065:30:30.59 N	097:01:00.00 W
Summer	C-GLYF	823	SCHED	08/06/2021 13:34:58	15	123	250	128	065:27:37.79 N	096:53:49.79 W
Summer	C-GLYF	823	SCHED	08/06/2021 13:37:43	16	124	257	119	065:23:59.39 N	096:43:32.99 W
Summer	C-GLYF	823	ARRIVAL	08/06/2021 13:39:43	6	0	159	352	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	823	XML_FLIGHT_SUMMARY	08/06/2021 13:39:44	0	0	0	0		
Summer	C-GLYF	823	SCHED	08/06/2021 13:41:52	17	0	161	352	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	824	POWER_ON	08/06/2021 14:08:17	NA	NA	NA	NA		
Summer	C-GLYF	824	SCHED	08/06/2021 14:08:57	1	0	157	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	824	DEPARTURE	08/06/2021 14:10:14	1	73	213	250	065:23:48.59 N	096:41:16.19 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:12:25	2	105	275	97	065:25:36.60 N	096:42:00.00 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:14:33	3	16	175	301	065:25:54.59 N	096:40:43.20 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:16:45	4	6	156	284	065:25:51.00 N	096:42:04.79 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:19:03	5	8	161	109	065:25:51.59 N	096:42:15.00 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:21:11	6	14	161	282	065:25:52.20 N	096:42:14.39 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:23:19	7	50	182	350	065:25:57.59 N	096:41:52.79 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:25:29	8	4	176	279	065:26:22.80 N	096:41:57.60 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:27:36	9	15	178	340	065:26:13.19 N	096:42:36.59 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:29:44	10	3	180	188	065:26:16.80 N	096:42:39.59 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:31:53	11	6	153	254	065:26:31.19 N	096:42:59.39 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:33:59	12	4	159	333	065:26:28.19 N	096:43:32.99 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:36:11	13	2	167	354	065:26:30.00 N	096:43:39.59 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:38:28	14	3	161	328	065:26:34.79 N	096:43:48.00 W
Summer	C-GLYF	824	SCHED	08/06/2021 14:40:50	15	5	153	2	065:26:43.20 N	096:44:00.60 W
Summer	C-GLYF	824	ARRIVAL	08/06/2021 14:42:13	1	0	144	11	065:26:44.40 N	096:44:00.60 W
Summer	C-GLYF	824	XML_FLIGHT_SUMMARY	08/06/2021 14:42:14	0	0	0	0		
Summer	C-GLYF	825	DEPARTURE	08/06/2021 14:44:24	2	37	183	107	065:26:34.20 N	096:43:46.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 14:47:27	16	7	151	287	065:27:16.80 N	096:45:24.59 W
Summer	C-GLYF	825	SCHED	08/06/2021 14:50:23	17	2	170	359	065:27:17.40 N	096:45:46.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 14:52:36	18	1	164	273	065:27:20.99 N	096:46:05.99 W
Summer	C-GLYF	825	SCHED	08/06/2021 14:54:43	19	3	152	287	065:27:22.19 N	096:46:12.60 W
Summer	C-GLYF	825	SCHED	08/06/2021 14:56:54	20	6	142	267	065:27:23.99 N	096:46:26.40 W
Summer	C-GLYF	825	SCHED	08/06/2021 14:59:04	21	4	133	271	065:27:25.19 N	096:46:49.19 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:01:11	22	3	147	280	065:27:17.99 N	096:45:58.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:03:19	23	4	156	270	065:27:20.40 N	096:46:04.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:05:31	24	3	159	314	065:27:22.19 N	096:46:11.99 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:07:43	25	6	146	269	065:27:23.99 N	096:46:28.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:09:50	26	39	168	300	065:27:26.99 N	096:46:58.19 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:12:01	27	15	152	289	065:28:09.00 N	096:47:45.60 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:14:21	28	5	101	89	065:28:45.00 N	096:46:55.20 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:16:31	29	44	143	144	065:28:42.60 N	096:46:05.99 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:18:40	30	20	163	336	065:28:06.60 N	096:47:34.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:20:48	31	98	247	292	065:29:20.40 N	096:50:13.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:22:59	32	5	118	274	065:29:19.79 N	096:53:26.99 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:25:17	33	7	117	29	065:29:17.99 N	096:53:21.00 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:27:27	34	3	124	294	065:29:19.79 N	096:53:29.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:29:36	35	82	212	309	065:30:25.79 N	096:57:27.60 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:31:51	36	23	117	256	065:30:38.39 N	096:58:20.40 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:33:58	37	20	119	10	065:32:09.59 N	096:57:26.99 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:36:13	38	42	122	343	065:32:22.20 N	096:57:32.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:38:24	39	27	111	349	065:34:15.00 N	096:57:21.60 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:40:41	40	7	122	288	065:34:39.60 N	096:57:46.20 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:42:52	41	33	126	310	065:34:40.20 N	096:58:56.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:45:09	42	47	167	123	065:35:12.60 N	096:59:58.20 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:47:16	43	4	156	216	065:35:20.40 N	096:59:34.20 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:49:22	44	85	245	59	065:35:55.79 N	096:55:13.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:51:41	45	54	207	224	065:36:34.19 N	096:54:03.00 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:53:57	46	3	186	90	065:35:53.99 N	096:54:09.59 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:56:04	47	0	180	213	065:35:53.99 N	096:54:10.20 W
Summer	C-GLYF	825	SCHED	08/06/2021 15:58:13	48	73	220	136	065:34:35.99 N	096:51:01.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:00:21	49	5	167	335	065:34:39.00 N	096:50:38.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:02:35	50	39	153	186	065:34:15.59 N	096:49:19.19 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:04:50	51	21	130	325	065:34:06.60 N	096:49:02.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:06:57	52	88	234	79	065:33:46.80 N	096:49:19.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:09:06	53	20	188	333	065:35:08.99 N	096:43:40.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:11:22	54	0	190	132	065:35:15.00 N	096:44:11.40 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:13:29	55	91	287	84	065:36:26.39 N	096:44:37.19 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:15:42	56	90	201	205	065:33:28.80 N	096:45:46.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:17:52	57	3	110	291	065:32:55.80 N	096:46:13.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:20:10	58	22	126	249	065:32:50.39 N	096:46:44.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:22:19	59	71	161	169	065:32:50.39 N	096:48:55.20 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:24:27	60	3	155	301	065:32:05.99 N	096:44:42.60 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:26:36	61	8	143	273	065:32:04.79 N	096:44:40.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:28:47	62	88	211	173	065:30:25.79 N	096:43:36.59 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:30:57	63	3	125	335	065:29:19.19 N	096:42:52.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:33:59	64	27	158	337	065:28:20.99 N	096:42:22.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:36:07	65	75	207	138	065:27:45.00 N	096:41:54.59 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:38:26	66	2	172	146	065:26:38.99 N	096:39:48.59 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:40:40	67	14	165	313	065:26:35.40 N	096:39:44.39 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:42:47	68	4	169	282	065:26:20.99 N	096:40:41.40 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:44:54	69	8	167	298	065:25:54.00 N	096:40:39.59 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:47:02	70	37	172	276	065:25:58.20 N	096:41:10.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:49:17	71	3	169	298	065:25:39.59 N	096:39:58.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:51:24	72	91	254	87	065:25:13.80 N	096:39:25.80 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:53:31	73	4	168	273	065:25:24.60 N	096:38:34.79 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:55:42	74	94	241	192	065:24:19.19 N	096:39:00.00 W
Summer	C-GLYF	825	SCHED	08/06/2021 16:58:08	75	0	160	356	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	825	ARRIVAL	08/06/2021 16:58:17	2	0	159	356	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	825	XML_FLIGHT_SUMMARY	08/06/2021 16:58:18	0	0	0	0		
Summer	C-GLYF	826	POWER_ON	08/06/2021 18:29:06	NA	NA	NA	NA		
Summer	C-GLYF	826	SCHED	08/06/2021 18:29:42	1	0	156	333	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	826	DEPARTURE	08/06/2021 18:31:10	1	67	211	253	065:23:49.79 N	096:41:13.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:33:19	2	108	317	316	065:25:44.99 N	096:47:04.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:35:31	3	112	335	317	065:28:27.60 N	096:54:00.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:37:44	4	116	285	323	065:31:42.59 N	097:00:31.20 W

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	826	SCHED	08/06/2021 18:39:52	5	2	108	162	065:33:56.99 N	097:04:02.99 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:41:59	6	86	236	54	065:34:27.59 N	097:03:01.79 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:44:11	7	104	323	128	065:36:00.60 N	096:55:16.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:46:30	8	117	285	140	065:32:48.00 N	096:49:00.60 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:48:50	9	117	327	134	065:29:36.59 N	096:41:25.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:51:02	10	0	143	329	065:28:33.59 N	096:38:35.99 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:53:25	11	113	373	134	065:27:16.19 N	096:34:40.20 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:56:16	12	119	336	128	065:23:29.39 N	096:24:26.39 W
Summer	C-GLYF	826	SCHED	08/06/2021 18:58:26	13	122	334	121	065:20:44.40 N	096:15:25.20 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:00:56	14	120	325	115	065:18:21.59 N	096:06:55.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:04:01	15	7	143	56	065:17:54.00 N	096:05:09.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:06:09	16	15	136	279	065:17:50.99 N	096:04:43.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:08:19	17	87	203	243	065:16:43.19 N	096:10:31.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:10:28	18	80	173	332	065:16:28.20 N	096:16:52.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:12:40	19	3	123	146	065:16:13.20 N	096:17:52.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:15:01	20	14	128	243	065:16:03.60 N	096:17:48.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:17:14	21	2	132	359	065:16:18.59 N	096:17:58.79 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:19:22	22	3	124	172	065:16:10.79 N	096:17:52.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:21:35	23	4	127	174	065:16:07.19 N	096:17:52.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:23:41	24	47	178	245	065:15:48.00 N	096:20:33.60 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:26:04	25	81	220	43	065:16:23.40 N	096:22:18.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:28:15	26	7	139	324	065:17:12.60 N	096:21:22.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:30:21	27	12	164	304	065:17:17.99 N	096:21:40.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:32:34	28	0	148	51	065:17:05.99 N	096:22:50.40 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:34:43	29	73	233	259	065:16:29.39 N	096:26:03.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:36:51	30	75	245	221	065:16:01.80 N	096:27:48.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:38:58	31	11	156	232	065:14:04.19 N	096:28:28.79 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:41:05	32	90	227	272	065:14:03.00 N	096:31:52.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:43:17	33	19	143	151	065:14:01.80 N	096:33:49.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:45:28	34	92	238	238	065:12:56.39 N	096:36:24.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:47:47	35	60	251	159	065:12:10.80 N	096:39:04.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:50:01	36	18	193	165	065:12:30.60 N	096:36:17.39 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:52:14	37	23	182	283	065:12:20.99 N	096:36:03.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:55:12	38	19	175	143	065:12:04.80 N	096:36:17.39 W
Summer	C-GLYF	826	SCHED	08/06/2021 19:58:04	39	83	229	211	065:10:41.99 N	096:37:47.39 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:00:17	40	58	211	302	065:10:14.39 N	096:38:51.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:02:31	41	91	266	320	065:12:03.00 N	096:42:40.79 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:04:38	42	7	197	259	065:12:49.20 N	096:44:11.40 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:06:56	43	14	179	193	065:13:02.39 N	096:43:13.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:09:03	44	56	216	212	065:12:34.79 N	096:43:11.39 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:11:10	45	108	248	43	065:14:27.60 N	096:40:03.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:13:25	46	4	163	159	065:15:55.20 N	096:37:50.40 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:15:34	47	66	215	32	065:16:39.00 N	096:38:03.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:17:43	48	40	212	318	065:17:00.60 N	096:38:31.19 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:20:02	49	103	279	44	065:19:19.79 N	096:33:33.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:22:57	50	20	172	81	065:20:24.59 N	096:29:33.59 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:25:05	51	4	163	266	065:20:35.39 N	096:29:50.40 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:27:27	52	3	162	87	065:20:31.19 N	096:29:57.60 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:29:41	53	6	159	294	065:20:37.19 N	096:29:34.20 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:31:56	54	8	166	298	065:20:38.39 N	096:30:03.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:34:03	55	4	158	280	065:20:28.19 N	096:28:46.20 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:36:11	56	2	173	304	065:20:31.19 N	096:29:30.00 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:38:30	57	6	167	123	065:20:31.80 N	096:29:58.80 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:40:46	58	107	279	313	065:21:41.40 N	096:33:56.99 W
Summer	C-GLYF	826	SCHED	08/06/2021 20:42:52	59	20	174	297	065:23:53.40 N	096:40:29.40 W
Summer	C-GLYF	826	ARRIVAL	08/06/2021 20:43:49	1	0	157	26	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	826	XML_FLIGHT_SUMMARY	08/06/2021 20:43:50	0	0	0	0		
Summer	C-GLYF	827	POWER_ON	08/06/2021 20:57:46	NA	NA	NA	NA		
Summer	C-GLYF	827	SCHED	08/06/2021 20:58:23	1	0	153	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	827	DEPARTURE	08/06/2021 20:59:10	1	74	206	250	065:23:48.59 N	096:41:13.80 W
Summer	C-GLYF	827	SCHED	08/06/2021 21:01:23	2	113	370	311	065:25:53.39 N	096:48:18.00 W
Summer	C-GLYF	827	SCHED	08/06/2021 21:03:31	3	117	345	310	065:28:43.79 N	096:56:01.80 W
Summer	C-GLYF	827	SCHED	08/06/2021 21:05:44	4	81	223	336	065:31:10.19 N	097:01:07.19 W
Summer	C-GLYF	827	SCHED	08/06/2021 21:07:50	5	3	146	183	065:29:49.80 N	097:01:22.80 W
Summer	C-GLYF	827	ARRIVAL	08/06/2021 21:08:44	1	0	140	142	065:29:49.20 N	097:01:22.19 W
Summer	C-GLYF	827	XML_FLIGHT_SUMMARY	08/06/2021 21:08:45	0	0	0	0		
Summer	C-GLYF	828	DEPARTURE	08/06/2021 21:10:33	2	56	187	28	065:30:05.99 N	097:01:14.39 W
Summer	C-GLYF	828	ARRIVAL	08/06/2021 21:11:50	2	0	146	274	065:30:15.00 N	097:01:17.39 W
Summer	C-GLYF	828	DEPARTURE	08/06/2021 21:13:42	3	77	204	129	065:30:00.00 N	097:01:01.79 W
Summer	C-GLYF	828	SCHED	08/06/2021 21:15:58	6	112	294	134	065:27:29.99 N	096:54:10.20 W
Summer	C-GLYF	828	SCHED	08/06/2021 21:18:08	7	120	313	126	065:24:34.19 N	096:46:28.20 W
Summer	C-GLYF	828	SCHED	08/06/2021 21:20:14	8	0	161	354	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	828	ARRIVAL	08/06/2021 21:20:59	3	0	158	354	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	828	XML_FLIGHT_SUMMARY	08/06/2021 21:21:00	0	0	0	0		
Summer	C-GLYF	828	SCHED	08/06/2021 21:23:08	9	0	158	354	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	829	DEPARTURE	08/06/2021 21:24:18	4	66	201	142	065:23:39.60 N	096:40:18.00 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:26:33	10	113	387	142	065:20:24.00 N	096:34:19.79 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:28:54	11	116	405	145	065:16:56.99 N	096:28:06.60 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:31:03	12	15	171	111	065:13:31.20 N	096:24:03.59 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:33:14	13	101	308	150	065:12:15.60 N	096:21:36.00 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:36:19	14	108	359	144	065:08:18.00 N	096:15:01.79 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:38:26	15	79	272	164	065:04:25.80 N	096:08:20.40 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:40:33	16	78	221	145	065:03:49.79 N	096:08:41.40 W
Summer	C-GLYF	829	SCHED	08/06/2021 21:42:45	17	27	161	236	065:01:26.40 N	096:04:07.20 W
Summer	C-GLYF	829	ARRIVAL	08/06/2021 21:44:35	4	0	147	234	065:01:25.20 N	096:04:13.79 W
Summer	C-GLYF	829	XML_FLIGHT_SUMMARY	08/06/2021 21:44:36	0	0	0	0		
Summer	C-GLYF	830	DEPARTURE	08/06/2021 21:46:18	5	74	193	310	065:01:39.00 N	096:04:46.79 W
Summer	C-GLYF	830	SCHED	08/06/2021 21:48:26	18	110	326	304	065:04:05.99 N	096:11:56.99 W
Summer	C-GLYF	830	SCHED	08/06/2021 21:50:37	19	3	145	303	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	830	ARRIVAL	08/06/2021 21:51:21	5	0	139	303	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	830	XML_FLIGHT_SUMMARY	08/06/2021 21:51:22	0	0	0	0		
Summer	C-GLYF	831	DEPARTURE	08/06/2021 21:51:57	6	72	180	142	065:06:07.20 N	096:17:01.19 W
Summer	C-GLYF	831	SCHED	08/06/2021 21:55:13	20	121	296	128	065:02:27.00 N	096:05:57.60 W
Summer	C-GLYF	831	SCHED	08/06/2021 21:58:06	21	0	141	158	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	831	ARRIVAL	08/06/2021 21:58:13	6	0	141	158	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	831	XML_FLIGHT_SUMMARY	08/06/2021 21:58:14	0	0	0	0		
Summer	C-GLYF	832	DEPARTURE	08/06/2021 21:59:16	7	74	233	311	065:01:39.00 N	096:04:50.40 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:01:25	22	97	296	304	065:03:41.39 N	096:10:58.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	832	SCHED	08/06/2021 22:03:33	23	80	264	310	065:06:04.20 N	096:17:00.60 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:06:30	24	91	300	123	065:05:05.99 N	096:14:42.00 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:08:38	25	98	367	134	065:02:54.00 N	096:07:19.79 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:10:47	26	2	193	149	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:12:56	27	87	231	321	065:01:55.80 N	096:05:22.19 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:15:07	28	115	276	311	065:04:10.20 N	096:12:22.80 W
Summer	C-GLYF	832	SCHED	08/06/2021 22:17:14	29	1	137	26	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	832	ARRIVAL	08/06/2021 22:18:03	7	0	135	26	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	832	XML_FLIGHT_SUMMARY	08/06/2021 22:18:04	0	0	0	0		
Summer	C-GLYF	833	DEPARTURE	08/06/2021 22:19:54	8	72	188	99	065:06:18.59 N	096:17:00.00 W
Summer	C-GLYF	833	SCHED	08/06/2021 22:22:27	30	124	286	121	065:02:36.59 N	096:06:26.99 W
Summer	C-GLYF	833	ARRIVAL	08/06/2021 22:24:23	8	0	141	257	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	833	XML_FLIGHT_SUMMARY	08/06/2021 22:24:24	0	0	0	0		
Summer	C-GLYF	833	SCHED	08/06/2021 22:26:30	31	0	140	257	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	834	POWER_ON	08/06/2021 23:08:55	NA	NA	NA	NA		
Summer	C-GLYF	834	SCHED	08/06/2021 23:10:18	1	0	139	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	834	DEPARTURE	08/06/2021 23:10:37	1	77	190	309	065:01:37.80 N	096:04:48.60 W
Summer	C-GLYF	834	SCHED	08/06/2021 23:12:44	2	116	307	294	065:04:04.79 N	096:11:45.00 W
Summer	C-GLYF	834	SCHED	08/06/2021 23:14:51	3	31	155	11	065:06:04.79 N	096:17:27.60 W
Summer	C-GLYF	834	ARRIVAL	08/06/2021 23:15:59	1	0	132	359	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	834	XML_FLIGHT_SUMMARY	08/06/2021 23:16:00	0	0	0	0		
Summer	C-GLYF	834	SCHED	08/06/2021 23:18:06	4	0	133	359	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	834	SCHED	08/06/2021 23:20:21	5	0	133	359	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	834	SCHED	08/06/2021 23:22:31	6	0	133	359	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	834	SCHED	08/06/2021 23:24:39	7	0	133	359	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	835	DEPARTURE	08/06/2021 23:25:25	2	69	196	78	065:06:24.00 N	096:17:11.99 W
Summer	C-GLYF	835	SCHED	08/06/2021 23:27:32	8	120	304	132	065:04:01.79 N	096:10:43.20 W
Summer	C-GLYF	835	SCHED	08/06/2021 23:29:38	9	48	171	187	065:01:34.79 N	096:04:13.20 W
Summer	C-GLYF	835	XML_OVERDUE_REPORT	08/06/2021 23:36:55	0	0	0	0		
Summer	C-GLYF	835	XML_FLIGHT_SUMMARY	08/07/2021 11:16:26	0	0	0	0		
Summer	C-GLYF	836	POWER_ON	08/07/2021 11:16:25	NA	NA	NA	NA		
Summer	C-GLYF	836	SCHED	08/07/2021 11:18:51	1	49	0	279	065:01:27.00 N	096:04:33.59 W
Summer	C-GLYF	836	DEPARTURE	08/07/2021 11:19:49	1	71	0	309	065:01:32.39 N	096:04:56.99 W
Summer	C-GLYF	836	SCHED	08/07/2021 11:21:57	2	114	237	317	065:05:37.80 N	096:15:34.79 W
Summer	C-GLYF	836	ARRIVAL	08/07/2021 11:23:48	1	0	143	324	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	836	XML_FLIGHT_SUMMARY	08/07/2021 11:23:49	0	0	0	0		
Summer	C-GLYF	836	SCHED	08/07/2021 11:25:55	3	0	142	324	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	836	SCHED	08/07/2021 11:28:04	4	0	142	324	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	836	SCHED	08/07/2021 11:30:12	5	0	142	324	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	836	SCHED	08/07/2021 11:32:35	6	48	168	48	065:06:16.79 N	096:17:28.20 W
Summer	C-GLYF	837	DEPARTURE	08/07/2021 11:32:43	2	65	200	90	065:06:19.80 N	096:17:06.60 W
Summer	C-GLYF	837	SCHED	08/07/2021 11:35:17	7	124	307	129	065:03:35.39 N	096:09:15.00 W
Summer	C-GLYF	837	SCHED	08/07/2021 11:37:39	8	0	144	244	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	837	ARRIVAL	08/07/2021 11:39:47	2	0	136	244	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	837	XML_FLIGHT_SUMMARY	08/07/2021 11:39:48	0	0	0	0		
Summer	C-GLYF	837	SCHED	08/07/2021 11:39:55	9	0	136	244	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	838	POWER_ON	08/07/2021 12:05:55	NA	NA	NA	NA		
Summer	C-GLYF	838	SCHED	08/07/2021 12:06:33	1	0	145	326	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	838	DEPARTURE	08/07/2021 12:07:27	1	82	185	322	065:01:39.00 N	096:04:49.79 W
Summer	C-GLYF	838	SCHED	08/07/2021 12:09:36	2	121	322	328	065:05:03.59 N	096:09:47.39 W
Summer	C-GLYF	838	SCHED	08/07/2021 12:11:43	3	115	290	328	065:08:37.19 N	096:15:06.60 W
Summer	C-GLYF	838	SCHED	08/07/2021 12:13:54	4	112	327	325	065:11:56.40 N	096:20:30.59 W
Summer	C-GLYF	838	SCHED	08/07/2021 12:16:15	5	111	384	325	065:15:14.40 N	096:26:09.60 W
Summer	C-GLYF	838	SCHED	08/07/2021 12:18:32	6	113	360	326	065:18:46.80 N	096:32:26.39 W
Summer	C-GLYF	838	SCHED	08/07/2021 12:20:39	7	121	338	327	065:22:33.00 N	096:37:48.60 W
Summer	C-GLYF	838	ARRIVAL	08/07/2021 12:22:42	1	0	163	274	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	838	XML_FLIGHT_SUMMARY	08/07/2021 12:22:43	0	0	0	0		
Summer	C-GLYF	838	SCHED	08/07/2021 12:22:51	8	0	164	274	065:23:54.59 N	096:40:29.40 W
Summer	C-GLYF	839	DEPARTURE	08/07/2021 12:24:30	2	68	212	279	065:23:46.20 N	096:40:56.39 W
Summer	C-GLYF	839	SCHED	08/07/2021 12:26:46	9	106	357	315	065:25:40.20 N	096:48:25.20 W
Summer	C-GLYF	839	SCHED	08/07/2021 12:28:55	10	106	356	310	065:28:20.40 N	096:55:47.39 W
Summer	C-GLYF	839	SCHED	08/07/2021 12:31:03	11	6	165	274	065:30:15.00 N	097:01:16.79 W
Summer	C-GLYF	839	ARRIVAL	08/07/2021 12:31:56	2	0	161	276	065:30:15.00 N	097:01:17.99 W
Summer	C-GLYF	839	XML_FLIGHT_SUMMARY	08/07/2021 12:31:57	0	0	0	0		
Summer	C-GLYF	839	SCHED	08/07/2021 12:34:03	12	48	176	123	065:30:11.99 N	097:01:14.39 W
Summer	C-GLYF	840	DEPARTURE	08/07/2021 12:34:20	3	67	191	183	065:30:00.00 N	097:00:54.60 W
Summer	C-GLYF	840	ARRIVAL	08/07/2021 12:35:58	3	0	162	291	065:29:45.00 N	097:01:15.00 W
Summer	C-GLYF	840	DEPARTURE	08/07/2021 12:37:03	4	72	185	116	065:29:36.00 N	097:00:30.00 W
Summer	C-GLYF	840	SCHED	08/07/2021 12:39:13	13	113	311	131	065:27:09.00 N	096:53:06.00 W
Summer	C-GLYF	840	SCHED	08/07/2021 12:41:21	14	113	304	127	065:24:22.80 N	096:46:22.19 W
Summer	C-GLYF	840	SCHED	08/07/2021 12:43:29	15	9	171	297	065:23:54.59 N	096:40:27.60 W
Summer	C-GLYF	840	ARRIVAL	08/07/2021 12:44:19	4	0	163	289	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	840	XML_FLIGHT_SUMMARY	08/07/2021 12:44:20	0	0	0	0		
Summer	C-GLYF	841	POWER_ON	08/07/2021 13:30:56	NA	NA	NA	NA		
Summer	C-GLYF	841	SCHED	08/07/2021 13:31:34	1	0	163	236	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	841	DEPARTURE	08/07/2021 13:32:45	1	65	216	261	065:23:41.99 N	096:40:46.79 W
Summer	C-GLYF	841	SCHED	08/07/2021 13:34:59	2	101	258	308	065:25:07.19 N	096:47:30.60 W
Summer	C-GLYF	841	ARRIVAL	08/07/2021 13:36:41	1	0	151	260	065:25:13.19 N	096:48:45.60 W
Summer	C-GLYF	841	XML_FLIGHT_SUMMARY	08/07/2021 13:36:42	0	0	0	0		
Summer	C-GLYF	841	SCHED	08/07/2021 13:38:50	3	0	151	260	065:25:13.19 N	096:48:45.60 W
Summer	C-GLYF	842	DEPARTURE	08/07/2021 13:40:35	2	60	204	163	065:24:57.00 N	096:48:48.60 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:42:41	4	116	363	138	065:22:04.79 N	096:43:42.00 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:46:06	5	118	451	137	065:17:28.79 N	096:33:22.79 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:48:15	6	125	430	139	065:13:50.39 N	096:25:44.39 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:50:21	7	120	404	145	065:10:25.80 N	096:19:14.39 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:52:34	8	119	407	140	065:07:00.59 N	096:13:25.20 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:54:52	9	116	369	142	065:03:40.20 N	096:06:30.60 W
Summer	C-GLYF	842	SCHED	08/07/2021 13:57:01	10	0	144	211	065:01:25.20 N	096:04:10.79 W
Summer	C-GLYF	842	ARRIVAL	08/07/2021 13:57:35	2	0	145	211	065:01:25.20 N	096:04:10.79 W
Summer	C-GLYF	842	XML_FLIGHT_SUMMARY	08/07/2021 13:57:36	0	0	0	0		
Summer	C-GLYF	843	DEPARTURE	08/07/2021 13:58:28	3	77	183	308	065:01:39.00 N	096:04:49.19 W
Summer	C-GLYF	843	SCHED	08/07/2021 14:00:34	11	111	322	309	065:04:02.99 N	096:11:10.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	843	SCHED	08/07/2021 14:02:45	12	18	154	274	065:06:10.20 N	096:17:25.79 W
Summer	C-GLYF	843	ARRIVAL	08/07/2021 14:03:38	3	0	141	326	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	843	XML_FLIGHT_SUMMARY	08/07/2021 14:03:39	0	0	0	0		
Summer	C-GLYF	844	DEPARTURE	08/07/2021 14:04:20	4	74	175	264	065:06:09.59 N	096:18:14.39 W
Summer	C-GLYF	844	SCHED	08/07/2021 14:06:27	13	0	133	222	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	844	ARRIVAL	08/07/2021 14:06:37	4	0	133	222	065:05:45.60 N	096:22:09.00 W
Summer	C-GLYF	844	SCHED	08/07/2021 14:08:44	14	0	131	222	065:05:45.60 N	096:22:08.40 W
Summer	C-GLYF	844	DEPARTURE	08/07/2021 14:10:37	5	73	191	32	065:05:51.60 N	096:22:30.00 W
Summer	C-GLYF	844	SCHED	08/07/2021 14:12:50	15	1	137	312	065:06:10.20 N	096:17:28.20 W
Summer	C-GLYF	844	ARRIVAL	08/07/2021 14:13:33	5	0	135	312	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	844	SCHED	08/07/2021 14:15:44	16	1	134	312	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	844	POWER_ON	08/07/2021 15:13:27	NA	NA	NA	NA		
Summer	C-GLYF	844	SCHED	08/07/2021 15:14:12	1	0	128	340	065:06:10.20 N	096:17:28.79 W
Summer	C-GLYF	844	SCHED	08/07/2021 15:17:24	2	84	234	124	065:05:34.19 N	096:15:40.80 W
Summer	C-GLYF	844	DEPARTURE	08/07/2021 15:18:15	1	66	191	132	065:05:58.80 N	096:16:52.80 W
Summer	C-GLYF	844	SCHED	08/07/2021 15:21:12	3	8	134	235	065:01:24.59 N	096:04:12.60 W
Summer	C-GLYF	844	ARRIVAL	08/07/2021 15:22:39	1	0	135	279	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	844	XML_FLIGHT_SUMMARY	08/07/2021 15:22:40	0	0	0	0		
Summer	C-GLYF	845	POWER_ON	08/07/2021 17:27:53	NA	NA	NA	NA		
Summer	C-GLYF	845	SCHED	08/07/2021 17:28:34	1	0	133	260	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	845	DEPARTURE	08/07/2021 17:29:26	1	79	167	309	065:01:37.19 N	096:04:40.80 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:31:34	2	128	373	325	065:04:47.40 N	096:10:16.80 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:33:42	3	126	370	326	065:08:35.99 N	096:16:00.60 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:35:53	4	117	426	317	065:12:04.80 N	096:21:57.60 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:38:04	5	123	398	314	065:15:13.80 N	096:29:11.99 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:40:12	6	126	410	318	065:18:31.80 N	096:36:28.20 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:42:23	7	122	369	314	065:21:40.19 N	096:43:36.59 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:44:30	8	77	241	324	065:25:18.60 N	096:48:15.00 W
Summer	C-GLYF	845	ARRIVAL	08/07/2021 17:45:57	1	0	151	221	065:25:12.00 N	096:48:47.39 W
Summer	C-GLYF	845	XML_FLIGHT_SUMMARY	08/07/2021 17:45:58	0	0	0	0		
Summer	C-GLYF	845	SCHED	08/07/2021 17:48:03	9	0	151	221	065:25:12.00 N	096:48:47.39 W
Summer	C-GLYF	845	SCHED	08/07/2021 17:50:11	10	60	202	162	065:24:56.40 N	096:48:45.60 W
Summer	C-GLYF	846	DEPARTURE	08/07/2021 17:50:19	2	60	202	162	065:24:56.40 N	096:48:45.60 W
Summer	C-GLYF	846	SCHED	08/07/2021 17:52:35	11	102	304	100	065:22:48.59 N	096:42:58.20 W
Summer	C-GLYF	846	SCHED	08/07/2021 17:55:36	12	0	159	354	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	846	ARRIVAL	08/07/2021 17:55:55	2	0	159	354	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	846	XML_FLIGHT_SUMMARY	08/07/2021 17:55:56	0	0	0	0		
Summer	C-GLYF	847	POWER_ON	08/07/2021 20:37:11	NA	NA	NA	NA		
Summer	C-GLYF	847	SCHED	08/07/2021 20:38:04	1	0	177	0	065:23:55.20 N	096:40:31.79 W
Summer	C-GLYF	847	DEPARTURE	08/07/2021 20:38:37	1	54	219	240	065:23:41.40 N	096:40:43.79 W
Summer	C-GLYF	847	SCHED	08/07/2021 20:40:47	2	114	405	309	065:25:22.80 N	096:47:47.39 W
Summer	C-GLYF	847	SCHED	08/07/2021 20:42:54	3	116	356	309	065:28:07.19 N	096:55:29.40 W
Summer	C-GLYF	847	SCHED	08/07/2021 20:45:02	4	17	171	354	065:29:40.20 N	097:01:34.79 W
Summer	C-GLYF	847	ARRIVAL	08/07/2021 20:46:46	1	0	144	141	065:29:43.80 N	097:01:34.79 W
Summer	C-GLYF	847	XML_FLIGHT_SUMMARY	08/07/2021 20:46:47	0	0	0	0		
Summer	C-GLYF	847	SCHED	08/07/2021 20:48:53	5	0	144	141	065:29:43.80 N	097:01:34.79 W
Summer	C-GLYF	847	SCHED	08/07/2021 20:52:42	6	39	157	83	065:29:46.80 N	097:01:28.79 W
Summer	C-GLYF	848	DEPARTURE	08/07/2021 20:52:50	2	50	177	228	065:29:38.39 N	097:01:19.79 W
Summer	C-GLYF	848	SCHED	08/07/2021 20:55:42	7	0	157	251	065:30:25.20 N	097:01:27.00 W
Summer	C-GLYF	848	ARRIVAL	08/07/2021 20:55:48	2	0	157	251	065:30:25.20 N	097:01:27.00 W
Summer	C-GLYF	848	DEPARTURE	08/07/2021 20:57:30	3	75	186	109	065:30:33.00 N	097:00:49.19 W
Summer	C-GLYF	848	SCHED	08/07/2021 21:02:15	8	118	308	128	065:24:19.80 N	096:46:28.79 W
Summer	C-GLYF	848	SCHED	08/07/2021 21:04:24	9	20	178	294	065:23:54.59 N	096:40:26.40 W
Summer	C-GLYF	848	ARRIVAL	08/07/2021 21:05:15	3	0	165	317	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	848	XML_FLIGHT_SUMMARY	08/07/2021 21:05:16	0	0	0	0		
Summer	C-GLYF	849	DEPARTURE	08/07/2021 21:06:32	4	72	216	145	065:23:37.19 N	096:40:16.19 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:08:57	10	113	356	146	065:20:31.19 N	096:34:55.80 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:11:07	11	111	382	150	065:16:44.39 N	096:29:08.39 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:13:19	12	111	342	147	065:13:20.40 N	096:23:37.19 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:15:27	13	113	342	143	065:09:59.39 N	096:17:57.60 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:17:42	14	113	379	143	065:06:49.79 N	096:12:21.60 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:20:07	15	116	327	147	065:03:22.20 N	096:06:15.60 W
Summer	C-GLYF	849	SCHED	08/07/2021 21:22:14	16	0	146	195	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	849	ARRIVAL	08/07/2021 21:22:22	4	0	146	195	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	849	XML_FLIGHT_SUMMARY	08/07/2021 21:22:23	0	0	0	0		
Summer	C-GLYF	850	POWER_ON	08/07/2021 21:35:55	NA	NA	NA	NA		
Summer	C-GLYF	850	SCHED	08/07/2021 21:36:41	1	0	145	173	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:38:51	2	0	182	183	065:01:20.40 N	096:04:27.60 W
Summer	C-GLYF	850	DEPARTURE	08/07/2021 21:40:39	1	53	246	252	065:01:07.19 N	096:04:53.99 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:42:47	3	92	338	312	065:03:22.79 N	096:09:38.40 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:44:54	4	95	342	317	065:05:36.60 N	096:15:16.19 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:47:57	5	1	179	282	065:06:12.60 N	096:17:29.39 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:51:01	6	92	375	124	065:03:45.00 N	096:10:40.20 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:53:14	7	34	244	177	065:01:27.60 N	096:04:24.59 W
Summer	C-GLYF	850	SCHED	08/07/2021 21:55:25	8	3	165	106	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	850	ARRIVAL	08/07/2021 21:57:13	1	0	144	229	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	850	XML_FLIGHT_SUMMARY	08/07/2021 21:57:14	0	0	0	0		
Summer	C-GLYF	850	SCHED	08/07/2021 21:59:21	9	0	144	229	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	851	POWER_ON	08/07/2021 23:04:46	NA	NA	NA	NA		
Summer	C-GLYF	851	SCHED	08/07/2021 23:05:25	1	0	145	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	851	DEPARTURE	08/07/2021 23:06:26	1	79	185	312	065:01:38.39 N	096:04:46.19 W
Summer	C-GLYF	851	SCHED	08/07/2021 23:08:40	2	122	268	308	065:04:11.40 N	096:12:05.40 W
Summer	C-GLYF	851	SCHED	08/07/2021 23:10:47	3	0	132	59	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	851	ARRIVAL	08/07/2021 23:11:19	1	0	131	59	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	851	XML_FLIGHT_SUMMARY	08/07/2021 23:11:20	0	0	0	0		
Summer	C-GLYF	851	SCHED	08/07/2021 23:13:36	4	0	130	59	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	851	SCHED	08/07/2021 23:15:42	5	0	128	59	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	851	SCHED	08/07/2021 23:17:53	6	0	125	59	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	851	SCHED	08/07/2021 23:20:00	7	0	126	59	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	851	SCHED	08/07/2021 23:22:07	8	4	134	290	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	852	DEPARTURE	08/07/2021 23:22:32	2	76	193	89	065:06:22.80 N	096:17:11.40 W
Summer	C-GLYF	852	SCHED	08/07/2021 23:24:40	9	122	320	135	065:03:23.39 N	096:12:30.00 W
Summer	C-GLYF	852	SCHED	08/07/2021 23:26:59	10	32	149	223	065:01:31.19 N	096:04:11.40 W
Summer	C-GLYF	852	ARRIVAL	08/07/2021 23:27:57	2	0	134	202	065:01:27.00 N	096:04:18.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	852	XML_FLIGHT_SUMMARY	08/07/2021 23:27:58	0	0	0	0		
Summer	C-GLYF	852	SCHED	08/07/2021 23:30:05	11	0	136	202	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	853	POWER_ON	08/08/2021 11:12:39	NA	NA	NA	NA		
Summer	C-GLYF	853	SCHED	08/08/2021 11:14:18	1	0	146	225	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:16:34	2	0	143	58	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	853	DEPARTURE	08/08/2021 11:18:06	1	58	184	305	065:01:37.80 N	096:04:50.99 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:20:15	3	73	281	315	065:03:24.00 N	096:09:09.00 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:22:27	4	80	270	307	065:05:18.00 N	096:14:01.80 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:24:35	5	0	139	345	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	853	ARRIVAL	08/08/2021 11:25:02	1	0	139	345	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	853	XML_FLIGHT_SUMMARY	08/08/2021 11:25:03	0	0	0	0		
Summer	C-GLYF	853	SCHED	08/08/2021 11:27:12	6	0	139	345	065:06:10.79 N	096:17:28.79 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:29:20	7	0	140	345	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:31:26	8	0	139	345	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:33:35	9	0	139	345	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	853	SCHED	08/08/2021 11:35:42	10	0	140	345	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	854	DEPARTURE	08/08/2021 11:36:35	2	79	191	131	065:06:16.19 N	096:17:13.20 W
Summer	C-GLYF	854	SCHED	08/08/2021 11:38:56	11	128	302	127	065:03:22.20 N	096:09:46.20 W
Summer	C-GLYF	854	SCHED	08/08/2021 11:41:04	12	4	137	250	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	854	ARRIVAL	08/08/2021 11:41:58	2	0	134	266	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	854	XML_FLIGHT_SUMMARY	08/08/2021 11:41:59	0	0	0	0		
Summer	C-GLYF	854	SCHED	08/08/2021 11:44:08	13	0	135	266	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	855	POWER_ON	08/08/2021 12:15:59	NA	NA	NA	NA		
Summer	C-GLYF	855	SCHED	08/08/2021 12:16:42	1	0	151	306	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	855	DEPARTURE	08/08/2021 12:18:04	1	57	188	312	065:01:37.19 N	096:04:37.19 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:20:15	2	90	337	327	065:04:02.40 N	096:08:06.59 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:22:22	3	91	335	333	065:06:50.40 N	096:12:11.99 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:24:29	4	93	301	322	065:09:27.60 N	096:16:24.59 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:26:51	5	92	319	323	065:12:01.19 N	096:21:01.20 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:29:02	6	90	319	322	065:14:54.60 N	096:26:04.79 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:31:14	7	90	295	327	065:17:43.80 N	096:30:40.80 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:33:22	8	90	304	326	065:20:25.80 N	096:35:02.39 W
Summer	C-GLYF	855	SCHED	08/08/2021 12:35:37	9	87	255	324	065:23:05.40 N	096:39:32.39 W
Summer	C-GLYF	855	ARRIVAL	08/08/2021 12:37:28	1	0	156	357	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	855	XML_FLIGHT_SUMMARY	08/08/2021 12:37:29	0	0	0	0		
Summer	C-GLYF	856	DEPARTURE	08/08/2021 12:39:35	2	68	209	250	065:23:49.20 N	096:41:15.60 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:41:44	10	96	317	314	065:25:34.79 N	096:47:22.19 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:43:59	11	98	298	311	065:27:57.59 N	096:53:18.00 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:46:58	12	5	173	3	065:30:03.00 N	097:01:09.59 W
Summer	C-GLYF	856	ARRIVAL	08/08/2021 12:47:33	2	0	170	20	065:30:03.00 N	097:01:09.59 W
Summer	C-GLYF	856	XML_FLIGHT_SUMMARY	08/08/2021 12:47:34	0	0	0	0		
Summer	C-GLYF	856	SCHED	08/08/2021 12:49:53	13	0	172	20	065:30:03.00 N	097:01:09.59 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:52:06	14	0	171	352	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:55:03	15	0	166	291	065:30:25.20 N	097:01:27.00 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:57:11	16	0	169	8	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	856	SCHED	08/08/2021 12:59:25	17	9	164	269	065:30:15.00 N	097:01:15.60 W
Summer	C-GLYF	856	SCHED	08/08/2021 13:01:34	18	71	187	190	065:30:04.79 N	097:01:30.00 W
Summer	C-GLYF	857	DEPARTURE	08/08/2021 13:02:31	3	78	204	189	065:29:56.99 N	097:01:33.00 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:05:00	19	39	137	91	065:28:32.99 N	097:01:02.40 W
Summer	C-GLYF	857	ARRIVAL	08/08/2021 13:05:07	3	0	125	76	065:28:31.79 N	097:01:09.59 W
Summer	C-GLYF	857	DEPARTURE	08/08/2021 13:05:14	4	74	183	116	065:28:28.80 N	097:00:28.20 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:07:21	20	135	381	141	065:24:42.60 N	096:52:41.99 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:09:30	21	139	400	141	065:21:00.60 N	096:45:19.79 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:12:43	22	141	359	140	065:16:20.40 N	096:35:45.60 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:14:57	23	138	358	138	065:11:43.20 N	096:25:45.00 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:17:06	24	142	361	140	065:07:40.79 N	096:18:05.99 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:19:17	25	141	360	133	065:03:53.99 N	096:10:16.80 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:21:25	26	22	154	255	065:01:26.40 N	096:04:07.20 W
Summer	C-GLYF	857	ARRIVAL	08/08/2021 13:22:33	4	0	140	306	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	857	XML_FLIGHT_SUMMARY	08/08/2021 13:22:34	0	0	0	0		
Summer	C-GLYF	857	SCHED	08/08/2021 13:24:39	27	0	137	306	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	857	SCHED	08/08/2021 13:26:47	28	0	140	306	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	858	POWER_ON	08/08/2021 15:00:13	NA	NA	NA	NA		
Summer	C-GLYF	858	SCHED	08/08/2021 15:00:54	1	0	135	298	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	858	DEPARTURE	08/08/2021 15:02:27	1	57	172	304	065:01:36.00 N	096:04:40.80 W
Summer	C-GLYF	858	SCHED	08/08/2021 15:04:35	2	0	136	344	065:01:50.39 N	096:09:31.19 W
Summer	C-GLYF	858	ARRIVAL	08/08/2021 15:06:51	1	0	135	344	065:01:50.39 N	096:09:31.19 W
Summer	C-GLYF	858	DEPARTURE	08/08/2021 15:06:58	2	60	180	326	065:02:04.79 N	096:09:54.00 W
Summer	C-GLYF	858	SCHED	08/08/2021 15:09:10	3	104	253	326	065:05:15.00 N	096:16:05.99 W
Summer	C-GLYF	858	XML_OVERDUE_REPORT	08/08/2021 15:16:31	0	0	0	0		
Summer	C-GLYF	858	XML_FLIGHT_SUMMARY	08/08/2021 15:53:10	0	0	0	0		
Summer	C-GLYF	859	POWER_ON	08/08/2021 15:53:09	NA	NA	NA	NA		
Summer	C-GLYF	859	SCHED	08/08/2021 15:53:48	1	0	133	277	065:06:10.20 N	096:17:28.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 15:55:56	2	0	167	207	065:06:12.00 N	096:17:29.39 W
Summer	C-GLYF	859	DEPARTURE	08/08/2021 15:57:45	1	48	235	167	065:06:05.40 N	096:18:07.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:00:01	3	1	164	27	065:06:12.00 N	096:17:29.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:02:17	4	8	175	207	065:06:11.40 N	096:17:29.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:04:23	5	6	181	214	065:06:11.40 N	096:17:30.60 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:06:36	6	1	167	16	065:06:12.00 N	096:17:29.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:08:46	7	0	174	194	065:06:09.59 N	096:17:40.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:10:56	8	1	171	21	065:06:12.60 N	096:17:29.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:13:03	9	19	184	60	065:06:10.20 N	096:17:33.59 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:15:18	10	8	178	62	065:06:09.59 N	096:17:38.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:17:32	11	2	174	353	065:06:12.60 N	096:17:28.79 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:19:55	12	1	161	8	065:06:12.60 N	096:17:28.79 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:22:07	13	8	191	266	065:06:09.00 N	096:17:36.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:24:18	14	7	195	247	065:06:09.59 N	096:17:33.59 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:26:29	15	13	204	289	065:06:07.79 N	096:17:34.19 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:28:38	16	7	198	243	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:30:48	17	6	195	307	065:06:09.00 N	096:17:37.80 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:32:55	18	7	179	220	065:06:11.40 N	096:17:31.79 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:35:07	19	7	179	200	065:06:12.00 N	096:17:30.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:37:15	20	15	184	200	065:06:10.79 N	096:17:30.60 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:39:22	21	1	172	18	065:06:12.00 N	096:17:30.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:41:29	22	4	187	50	065:06:12.00 N	096:17:28.79 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:43:45	23	12	196	32	065:06:11.40 N	096:17:30.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	859	SCHED	08/08/2021 16:46:31	24	11	196	39	065:06:11.40 N	096:17:31.79 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:48:38	25	11	189	95	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:50:48	26	0	181	90	065:06:09.59 N	096:17:40.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:53:03	27	2	198	266	065:06:09.00 N	096:17:40.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:55:17	28	13	203	214	065:06:09.00 N	096:17:31.79 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:57:24	29	2	172	339	065:06:12.60 N	096:17:29.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 16:59:30	30	3	181	29	065:06:12.60 N	096:17:30.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:01:36	31	1	172	221	065:06:12.60 N	096:17:30.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:03:44	32	1	176	19	065:06:08.39 N	096:17:40.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:05:51	33	1	172	30	065:06:12.60 N	096:17:30.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:07:58	34	1	173	24	065:06:12.60 N	096:17:29.39 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:10:09	35	104	335	128	065:05:08.40 N	096:13:13.80 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:12:26	36	108	359	143	065:02:20.40 N	096:06:33.00 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:14:33	37	3	189	39	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	859	SCHED	08/08/2021 17:16:44	38	0	145	84	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	859	XML_OVERDUE_REPORT	08/08/2021 17:24:00	0	0	0	0		
Summer	C-GLYF	859	XML_FLIGHT_SUMMARY	08/08/2021 17:32:33	0	0	0	0		
Summer	C-GLYF	860	POWER_ON	08/08/2021 17:32:32	NA	NA	NA	NA		
Summer	C-GLYF	860	SCHED	08/08/2021 17:33:10	1	0	131	171	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	860	DEPARTURE	08/08/2021 17:34:02	1	63	179	313	065:01:38.39 N	096:04:35.40 W
Summer	C-GLYF	860	SCHED	08/08/2021 17:36:11	2	100	306	305	065:03:45.60 N	096:10:01.20 W
Summer	C-GLYF	860	SCHED	08/08/2021 17:38:19	3	90	221	319	065:05:49.79 N	096:16:50.40 W
Summer	C-GLYF	860	ARRIVAL	08/08/2021 17:39:47	1	0	139	68	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	860	XML_FLIGHT_SUMMARY	08/08/2021 17:39:48	0	0	0	0		
Summer	C-GLYF	860	SCHED	08/08/2021 17:41:53	4	53	158	222	065:06:10.20 N	096:17:42.59 W
Summer	C-GLYF	861	DEPARTURE	08/08/2021 17:42:05	2	85	198	151	065:05:58.80 N	096:17:43.20 W
Summer	C-GLYF	861	SCHED	08/08/2021 17:44:16	5	135	295	124	065:03:28.80 N	096:09:46.20 W
Summer	C-GLYF	861	ARRIVAL	08/08/2021 17:46:14	2	0	151	329	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	861	XML_FLIGHT_SUMMARY	08/08/2021 17:46:15	0	0	0	0		
Summer	C-GLYF	862	DEPARTURE	08/08/2021 17:47:15	3	68	195	25	065:02:07.80 N	096:09:19.79 W
Summer	C-GLYF	862	SCHED	08/08/2021 17:49:24	6	50	161	271	065:01:24.59 N	096:03:50.39 W
Summer	C-GLYF	862	ARRIVAL	08/08/2021 17:50:36	3	0	140	241	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	862	DEPARTURE	08/08/2021 17:51:59	4	65	176	309	065:01:36.00 N	096:04:40.80 W
Summer	C-GLYF	862	SCHED	08/08/2021 17:54:12	7	6	154	326	065:01:50.39 N	096:09:30.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 17:56:21	8	61	247	323	065:02:08.99 N	096:09:55.20 W
Summer	C-GLYF	862	SCHED	08/08/2021 17:58:29	9	75	280	318	065:04:04.79 N	096:13:32.99 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:00:37	10	57	234	318	065:05:56.40 N	096:17:17.99 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:02:43	11	13	193	146	065:06:06.00 N	096:17:33.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:04:52	12	5	295	83	065:06:07.79 N	096:17:30.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:06:58	13	0	182	183	065:06:06.00 N	096:17:36.59 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:09:05	14	11	332	224	065:06:09.59 N	096:17:35.40 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:11:12	15	4	184	206	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:15:22	16	99	387	155	065:03:29.39 N	096:13:01.19 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:15:29	17	101	390	155	065:03:07.20 N	096:12:36.59 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:17:38	18	7	185	119	065:01:52.19 N	096:09:26.99 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:19:46	19	54	281	320	065:02:36.59 N	096:10:41.99 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:21:58	20	64	321	313	065:04:05.99 N	096:14:33.59 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:24:07	21	45	265	328	065:05:56.40 N	096:17:27.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:26:17	22	2	171	25	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:28:34	23	105	394	147	065:04:12.60 N	096:14:20.40 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:30:41	24	12	221	350	065:01:49.80 N	096:09:27.60 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:32:51	25	54	267	315	065:02:22.79 N	096:10:33.60 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:34:57	26	65	336	321	065:03:58.19 N	096:13:54.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:37:05	27	46	274	323	065:05:40.19 N	096:17:13.79 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:39:14	28	85	252	127	065:06:00.60 N	096:16:39.59 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:41:33	29	110	396	148	065:02:41.39 N	096:12:04.19 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:43:43	30	5	189	321	065:01:52.19 N	096:09:27.60 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:45:48	31	65	324	319	065:03:09.59 N	096:12:23.99 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:47:56	32	76	330	321	065:05:07.20 N	096:15:52.80 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:50:13	33	0	176	345	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:52:22	34	106	381	150	065:04:22.19 N	096:14:25.20 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:54:28	35	18	238	43	065:01:49.80 N	096:09:30.60 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:56:36	36	66	296	311	065:02:32.39 N	096:11:03.00 W
Summer	C-GLYF	862	SCHED	08/08/2021 18:58:47	37	75	360	331	065:04:22.79 N	096:14:56.99 W
Summer	C-GLYF	862	SCHED	08/08/2021 19:01:00	38	10	202	325	065:06:08.39 N	096:17:37.80 W
Summer	C-GLYF	862	SCHED	08/08/2021 19:03:17	39	124	356	126	065:04:33.00 N	096:13:06.60 W
Summer	C-GLYF	862	SCHED	08/08/2021 19:05:26	40	104	289	131	065:01:58.19 N	096:04:09.59 W
Summer	C-GLYF	862	XML_FLIGHT_SUMMARY	08/08/2021 19:07:53	0	0	0	0		
Summer	C-GLYF	863	POWER_ON	08/08/2021 19:07:52	NA	NA	NA	NA		
Summer	C-GLYF	863	SCHED	08/08/2021 19:08:29	1	0	143	74	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	863	POWER_ON	08/08/2021 19:14:53	NA	NA	NA	NA		
Summer	C-GLYF	863	SCHED	08/08/2021 19:15:31	1	0	146	99	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	863	DEPARTURE	08/08/2021 19:17:22	1	56	213	307	065:01:36.59 N	096:04:38.99 W
Summer	C-GLYF	863	SCHED	08/08/2021 19:19:37	2	29	255	292	065:01:49.19 N	096:09:22.80 W
Summer	C-GLYF	863	SCHED	08/08/2021 19:21:51	3	68	306	325	065:02:50.99 N	096:10:42.60 W
Summer	C-GLYF	863	SCHED	08/08/2021 19:24:00	4	72	323	320	065:04:39.00 N	096:14:33.59 W
Summer	C-GLYF	863	SCHED	08/08/2021 19:26:10	5	2	186	341	065:06:09.00 N	096:17:40.80 W
Summer	C-GLYF	863	SCHED	08/08/2021 19:29:15	6	123	402	126	065:04:11.40 N	096:10:47.39 W
Summer	C-GLYF	863	SCHED	08/08/2021 19:31:26	7	12	188	254	065:01:25.79 N	096:04:10.20 W
Summer	C-GLYF	863	ARRIVAL	08/08/2021 19:33:23	1	0	140	280	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	863	XML_FLIGHT_SUMMARY	08/08/2021 19:33:24	0	0	0	0		
Summer	C-GLYF	864	POWER_ON	08/08/2021 20:03:39	NA	NA	NA	NA		
Summer	C-GLYF	864	SCHED	08/08/2021 20:04:27	1	0	146	245	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	864	DEPARTURE	08/08/2021 20:05:19	1	62	193	325	065:01:39.00 N	096:04:36.00 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:07:33	2	100	355	321	065:04:17.39 N	096:09:05.40 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:09:47	3	100	371	324	065:07:24.00 N	096:15:04.79 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:11:53	4	102	351	311	065:10:09.59 N	096:20:20.40 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:14:09	5	98	387	320	065:12:41.40 N	096:25:47.39 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:16:19	6	101	366	319	065:15:24.59 N	096:31:48.00 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:18:27	7	99	418	316	065:18:08.40 N	096:37:12.00 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:20:37	8	107	415	320	065:20:55.79 N	096:42:43.79 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:22:44	9	99	380	318	065:23:41.40 N	096:48:22.79 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:24:58	10	105	351	326	065:26:34.20 N	096:53:35.99 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:27:06	11	86	308	307	065:29:25.79 N	096:59:16.19 W
Summer	C-GLYF	864	ARRIVAL	08/08/2021 20:29:10	1	0	167	316	065:30:18.59 N	097:00:53.99 W
Summer	C-GLYF	864	XML_FLIGHT_SUMMARY	08/08/2021 20:29:11	0	0	0	0		
Summer	C-GLYF	864	SCHED	08/08/2021 20:29:23	12	0	167	316	065:30:18.59 N	097:00:53.99 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	864	SCHED	08/08/2021 20:31:30	13	0	154	280	065:30:15.00 N	097:01:17.99 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:33:38	14	0	154	280	065:30:15.00 N	097:01:17.99 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:35:48	15	11	173	46	065:30:17.40 N	097:00:56.39 W
Summer	C-GLYF	864	SCHED	08/08/2021 20:38:12	16	0	161	355	065:30:18.59 N	097:00:54.60 W
Summer	C-GLYF	865	DEPARTURE	08/08/2021 20:38:37	2	82	177	167	065:29:57.60 N	097:00:53.99 W
Summer	C-GLYF	865	SCHED	08/08/2021 20:40:48	17	0	125	346	065:28:43.20 N	097:01:09.59 W
Summer	C-GLYF	865	ARRIVAL	08/08/2021 20:40:56	2	0	125	346	065:28:43.20 N	097:01:09.59 W
Summer	C-GLYF	865	DEPARTURE	08/08/2021 20:42:25	3	54	140	1	065:29:00.60 N	097:01:07.19 W
Summer	C-GLYF	865	ARRIVAL	08/08/2021 20:43:50	3	0	124	332	065:29:13.19 N	097:01:07.80 W
Summer	C-GLYF	865	DEPARTURE	08/08/2021 20:45:09	4	56	166	10	065:29:29.40 N	097:00:58.19 W
Summer	C-GLYF	865	SCHED	08/08/2021 20:47:23	18	0	162	349	065:30:52.80 N	097:01:02.40 W
Summer	C-GLYF	865	ARRIVAL	08/08/2021 20:47:59	4	0	162	349	065:30:52.80 N	097:01:02.40 W
Summer	C-GLYF	865	DEPARTURE	08/08/2021 20:49:16	5	40	169	350	065:31:06.60 N	097:00:56.39 W
Summer	C-GLYF	865	ARRIVAL	08/08/2021 20:50:42	5	0	120	196	065:31:10.19 N	097:01:13.20 W
Summer	C-GLYF	865	SCHED	08/08/2021 20:52:51	19	0	114	61	065:31:11.99 N	097:01:06.60 W
Summer	C-GLYF	865	SCHED	08/08/2021 20:54:58	20	0	107	330	065:31:24.59 N	097:01:13.79 W
Summer	C-GLYF	865	DEPARTURE	08/08/2021 20:56:59	6	73	167	186	065:31:18.59 N	097:01:45.59 W
Summer	C-GLYF	865	SCHED	08/08/2021 20:59:06	21	0	159	294	065:30:18.59 N	097:00:55.80 W
Summer	C-GLYF	865	ARRIVAL	08/08/2021 20:59:11	6	0	159	294	065:30:18.59 N	097:00:55.80 W
Summer	C-GLYF	865	POWER_ON	08/08/2021 21:19:17	NA	NA	NA	NA		
Summer	C-GLYF	865	SCHED	08/08/2021 21:19:59	1	0	174	349	065:30:18.59 N	097:00:55.20 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:22:15	2	8	224	360	065:30:20.40 N	097:00:57.60 W
Summer	C-GLYF	865	DEPARTURE	08/08/2021 21:23:33	1	51	280	46	065:30:36.59 N	097:00:52.80 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:25:51	3	91	370	138	065:28:11.39 N	096:53:35.99 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:28:11	4	96	398	139	065:25:24.60 N	096:48:05.40 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:30:30	5	82	320	60	065:23:26.99 N	096:40:25.20 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:32:39	6	58	222	253	065:23:50.99 N	096:41:00.59 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:34:47	7	100	373	314	065:25:04.80 N	096:47:04.19 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:36:53	8	101	363	310	065:27:30.60 N	096:53:21.00 W
Summer	C-GLYF	865	SCHED	08/08/2021 21:39:00	9	91	264	313	065:29:46.80 N	096:59:27.60 W
Summer	C-GLYF	865	ARRIVAL	08/08/2021 21:40:47	1	0	162	297	065:30:18.59 N	097:00:55.80 W
Summer	C-GLYF	865	XML_FLIGHT_SUMMARY	08/08/2021 21:40:48	0	0	0	0		
Summer	C-GLYF	865	SCHED	08/08/2021 21:42:58	10	0	162	297	065:30:18.59 N	097:00:55.80 W
Summer	C-GLYF	866	DEPARTURE	08/08/2021 21:43:34	2	81	208	72	065:30:33.59 N	097:00:33.00 W
Summer	C-GLYF	866	SCHED	08/08/2021 21:46:01	11	128	393	140	065:27:32.39 N	096:53:25.20 W
Summer	C-GLYF	866	SCHED	08/08/2021 21:48:09	12	135	342	119	065:23:52.20 N	096:44:12.60 W
Summer	C-GLYF	866	SCHED	08/08/2021 21:50:16	13	0	155	349	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	866	ARRIVAL	08/08/2021 21:50:26	2	0	155	349	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	866	XML_FLIGHT_SUMMARY	08/08/2021 21:50:27	0	0	0	0		
Summer	C-GLYF	866	SCHED	08/08/2021 21:52:37	14	0	156	349	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	867	POWER_ON	08/08/2021 22:02:52	NA	NA	NA	NA		
Summer	C-GLYF	867	SCHED	08/08/2021 22:03:29	1	0	162	329	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	867	DEPARTURE	08/08/2021 22:04:24	1	73	213	172	065:23:44.99 N	096:40:58.20 W
Summer	C-GLYF	867	SCHED	08/08/2021 22:06:31	2	131	458	142	065:20:00.60 N	096:34:19.79 W
Summer	C-GLYF	867	SCHED	08/08/2021 22:08:40	3	136	544	142	065:16:17.99 N	096:27:22.19 W
Summer	C-GLYF	867	SCHED	08/08/2021 22:11:47	4	132	430	148	065:11:19.19 N	096:19:10.79 W
Summer	C-GLYF	867	SCHED	08/08/2021 22:13:58	5	138	403	146	065:06:27.59 N	096:11:28.79 W
Summer	C-GLYF	867	SCHED	08/08/2021 22:16:04	6	126	301	143	065:02:27.00 N	096:04:59.39 W
Summer	C-GLYF	867	ARRIVAL	08/08/2021 22:18:08	1	0	136	270	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	867	XML_FLIGHT_SUMMARY	08/08/2021 22:18:09	0	0	0	0		
Summer	C-GLYF	867	SCHED	08/08/2021 22:18:18	7	0	136	270	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	867	SCHED	08/08/2021 22:20:32	8	0	136	270	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	868	POWER_ON	08/08/2021 23:05:45	NA	NA	NA	NA		
Summer	C-GLYF	868	SCHED	08/08/2021 23:06:14	1	0	135	271	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	868	DEPARTURE	08/08/2021 23:07:05	1	62	178	322	065:01:37.80 N	096:04:37.80 W
Summer	C-GLYF	868	SCHED	08/08/2021 23:09:14	2	99	321	307	065:03:45.60 N	096:10:10.20 W
Summer	C-GLYF	868	SCHED	08/08/2021 23:11:20	3	72	207	307	065:05:58.20 N	096:17:01.79 W
Summer	C-GLYF	868	SCHED	08/08/2021 23:13:42	4	0	131	266	065:06:10.20 N	096:17:40.20 W
Summer	C-GLYF	868	ARRIVAL	08/08/2021 23:15:25	1	0	131	266	065:06:10.20 N	096:17:40.20 W
Summer	C-GLYF	868	XML_FLIGHT_SUMMARY	08/08/2021 23:15:26	0	0	0	0		
Summer	C-GLYF	868	SCHED	08/08/2021 23:17:37	5	0	132	266	065:06:10.20 N	096:17:40.20 W
Summer	C-GLYF	868	SCHED	08/08/2021 23:20:38	6	79	228	108	065:06:18.00 N	096:16:55.20 W
Summer	C-GLYF	869	DEPARTURE	08/08/2021 23:20:49	2	73	204	95	065:06:19.20 N	096:17:13.20 W
Summer	C-GLYF	869	SCHED	08/08/2021 23:22:56	7	131	334	126	065:02:55.19 N	096:06:52.20 W
Summer	C-GLYF	869	SCHED	08/08/2021 23:25:02	8	0	136	177	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	869	XML_OVERDUE_REPORT	08/08/2021 23:32:19	0	0	0	0		
Summer	C-GLYF	869	XML_FLIGHT_SUMMARY	08/09/2021 10:40:01	0	0	0	0		
Summer	C-GLYF	870	POWER_ON	08/09/2021 10:40:00	NA	NA	NA	NA		
Summer	C-GLYF	870	SCHED	08/09/2021 10:40:35	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	870	DEPARTURE	08/09/2021 10:42:20	1	48	0	314	065:01:38.39 N	096:04:51.60 W
Summer	C-GLYF	870	SCHED	08/09/2021 10:44:28	2	80	279	314	065:03:27.59 N	096:09:39.59 W
Summer	C-GLYF	870	SCHED	08/09/2021 10:46:36	3	79	249	307	065:05:17.39 N	096:14:59.39 W
Summer	C-GLYF	870	SCHED	08/09/2021 10:48:47	4	0	142	218	065:06:10.20 N	096:17:41.39 W
Summer	C-GLYF	870	ARRIVAL	08/09/2021 10:49:08	1	0	144	218	065:06:10.20 N	096:17:40.80 W
Summer	C-GLYF	870	XML_FLIGHT_SUMMARY	08/09/2021 10:49:09	0	0	0	0		
Summer	C-GLYF	871	DEPARTURE	08/09/2021 10:49:58	2	82	201	117	065:06:19.20 N	096:17:19.20 W
Summer	C-GLYF	871	SCHED	08/09/2021 10:52:17	5	142	320	124	065:03:10.79 N	096:09:14.39 W
Summer	C-GLYF	871	SCHED	08/09/2021 10:54:35	6	0	135	224	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	871	ARRIVAL	08/09/2021 10:55:14	2	0	135	224	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	871	XML_FLIGHT_SUMMARY	08/09/2021 10:55:15	0	0	0	0		
Summer	C-GLYF	871	SCHED	08/09/2021 12:54:24	1	0	143	340	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	872	DEPARTURE	08/09/2021 12:56:26	1	48	175	328	065:01:40.20 N	096:04:44.39 W
Summer	C-GLYF	872	SCHED	08/09/2021 12:58:34	2	74	263	311	065:03:07.20 N	096:08:59.39 W
Summer	C-GLYF	872	SCHED	08/09/2021 13:00:40	3	77	260	304	065:04:37.19 N	096:14:02.39 W
Summer	C-GLYF	872	SCHED	08/09/2021 13:02:48	4	0	130	344	065:05:49.79 N	096:17:27.60 W
Summer	C-GLYF	872	ARRIVAL	08/09/2021 13:03:32	1	0	129	344	065:05:49.79 N	096:17:28.20 W
Summer	C-GLYF	872	XML_FLIGHT_SUMMARY	08/09/2021 13:03:33	0	0	0	0		
Summer	C-GLYF	873	DEPARTURE	08/09/2021 13:04:13	2	33	165	6	065:06:02.99 N	096:17:36.59 W
Summer	C-GLYF	873	ARRIVAL	08/09/2021 13:05:30	2	0	143	296	065:06:10.20 N	096:17:40.80 W
Summer	C-GLYF	873	DEPARTURE	08/09/2021 13:06:14	3	92	192	80	065:06:22.80 N	096:17:22.19 W
Summer	C-GLYF	873	SCHED	08/09/2021 13:08:28	5	161	343	127	065:03:18.59 N	096:08:16.80 W
Summer	C-GLYF	873	SCHED	08/09/2021 13:10:35	6	0	144	118	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	873	ARRIVAL	08/09/2021 13:11:07	3	0	143	118	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	873	XML_FLIGHT_SUMMARY	08/09/2021 13:11:08	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	874	POWER_ON	08/09/2021 13:11:53	NA	NA	NA	NA		
Summer	C-GLYF	874	SCHED	08/09/2021 13:12:39	1	0	146	318	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	874	POWER_ON	08/09/2021 19:46:15	NA	NA	NA	NA		
Summer	C-GLYF	874	SCHED	08/09/2021 19:48:22	1	67	0	323	065:01:49.19 N	096:05:10.20 W
Summer	C-GLYF	874	DEPARTURE	08/09/2021 19:48:31	1	54	0	311	065:01:39.00 N	096:04:48.60 W
Summer	C-GLYF	874	SCHED	08/09/2021 19:50:39	2	88	354	309	065:03:54.60 N	096:10:58.80 W
Summer	C-GLYF	874	SCHED	08/09/2021 19:52:49	3	71	252	312	065:05:46.19 N	096:16:32.39 W
Summer	C-GLYF	874	XML_OVERDUE_REPOR T	08/09/2021 20:00:06	0	0	0	0		
Summer	C-GLYF	874	XML_FLIGHT_SUMMAR Y	08/09/2021 20:23:20	0	0	0	0		
Summer	C-GLYF	875	POWER_ON	08/09/2021 20:23:19	NA	NA	NA	NA		
Summer	C-GLYF	875	SCHED	08/09/2021 20:23:55	1	0	139	218	065:06:10.79 N	096:17:28.20 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:26:07	2	1	174	2	065:06:12.00 N	096:17:29.39 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:28:14	3	1	172	181	065:06:12.60 N	096:17:29.39 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:30:20	4	14	179	60	065:06:10.79 N	096:17:33.00 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:32:27	5	3	172	126	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:34:34	6	8	185	35	065:06:12.00 N	096:17:30.00 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:36:42	7	8	192	244	065:06:10.20 N	096:17:31.79 W
Summer	C-GLYF	875	SCHED	08/09/2021 20:38:57	8	0	178	327	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	875	POWER_ON	08/09/2021 22:16:29	NA	NA	NA	NA		
Summer	C-GLYF	875	SCHED	08/09/2021 22:17:06	1	0	134	163	065:06:10.20 N	096:17:28.20 W
Summer	C-GLYF	875	DEPARTURE	08/09/2021 22:18:18	1	76	194	157	065:06:01.20 N	096:17:46.80 W
Summer	C-GLYF	875	SCHED	08/09/2021 22:20:27	2	132	366	125	065:03:29.39 N	096:09:23.99 W
Summer	C-GLYF	875	SCHED	08/09/2021 22:22:35	3	0	137	259	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	875	ARRIVAL	08/09/2021 22:23:16	1	0	135	259	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	875	XML_FLIGHT_SUMMAR Y	08/09/2021 22:23:17	0	0	0	0		
Summer	C-GLYF	876	POWER_ON	08/09/2021 22:56:58	NA	NA	NA	NA		
Summer	C-GLYF	876	SCHED	08/09/2021 22:57:38	1	0	134	281	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	876	DEPARTURE	08/09/2021 22:58:26	1	54	167	314	065:01:36.00 N	096:04:38.99 W
Summer	C-GLYF	876	SCHED	08/09/2021 23:01:29	2	96	321	308	065:04:06.60 N	096:12:00.00 W
Summer	C-GLYF	876	SCHED	08/09/2021 23:03:36	3	2	134	259	065:06:10.20 N	096:17:40.80 W
Summer	C-GLYF	876	ARRIVAL	08/09/2021 23:04:28	1	0	132	286	065:06:10.20 N	096:17:40.80 W
Summer	C-GLYF	876	XML_FLIGHT_SUMMAR Y	08/09/2021 23:04:29	0	0	0	0		
Summer	C-GLYF	876	SCHED	08/09/2021 23:06:39	4	0	133	286	065:06:10.20 N	096:17:40.80 W
Summer	C-GLYF	876	SCHED	08/09/2021 23:08:46	5	0	133	286	065:06:10.20 N	096:17:40.80 W
Summer	C-GLYF	877	DEPARTURE	08/09/2021 23:10:10	2	85	190	100	065:06:21.00 N	096:17:19.79 W
Summer	C-GLYF	877	SCHED	08/09/2021 23:12:17	6	148	399	128	065:03:24.59 N	096:08:46.20 W
Summer	C-GLYF	877	SCHED	08/09/2021 23:14:28	7	0	136	223	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	877	ARRIVAL	08/09/2021 23:15:00	2	0	136	223	065:01:25.79 N	096:04:13.79 W
Summer	C-GLYF	877	XML_FLIGHT_SUMMAR Y	08/09/2021 23:15:01	0	0	0	0		
Summer	C-GLYF	878	DEPARTURE	08/09/2021 23:17:02	3	60	223	307	065:01:37.80 N	096:04:41.99 W
Summer	C-GLYF	878	SCHED	08/09/2021 23:19:09	8	70	287	308	065:03:14.99 N	096:09:42.60 W
Summer	C-GLYF	878	SCHED	08/09/2021 23:22:15	9	72	297	316	065:05:16.19 N	096:15:20.99 W
Summer	C-GLYF	878	SCHED	08/09/2021 23:24:25	10	93	260	153	065:05:46.19 N	096:18:00.60 W
Summer	C-GLYF	878	SCHED	08/09/2021 23:26:32	11	123	417	122	065:03:28.20 N	096:10:12.59 W
Summer	C-GLYF	878	SCHED	08/09/2021 23:28:41	12	36	240	24	065:01:14.40 N	096:04:36.60 W
Summer	C-GLYF	878	SCHED	08/09/2021 23:30:49	13	2	156	314	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	878	ARRIVAL	08/09/2021 23:32:28	3	0	138	271	065:01:25.79 N	096:04:14.39 W
Summer	C-GLYF	878	XML_FLIGHT_SUMMAR Y	08/09/2021 23:32:29	0	0	0	0		
Summer	C-GLYF	879	POWER_ON	08/10/2021 11:08:43	NA	NA	NA	NA		
Summer	C-GLYF	879	SCHED	08/10/2021 11:09:21	1	0	0	0	065:01:25.79 N	096:04:17.39 W
Summer	C-GLYF	879	SCHED	08/10/2021 11:11:33	2	0	344	0	065:01:28.79 N	096:04:15.00 W
Summer	C-GLYF	879	DEPARTURE	08/10/2021 11:12:07	1	71	372	324	065:01:42.59 N	096:04:05.99 W
Summer	C-GLYF	879	SCHED	08/10/2021 11:14:26	3	0	0	0	065:03:34.20 N	096:10:38.40 W
Summer	C-GLYF	879	SCHED	08/10/2021 11:16:35	4	0	0	0	065:03:34.20 N	096:10:38.40 W
Summer	C-GLYF	879	ARRIVAL	08/10/2021 11:17:39	1	0	1108	303	065:06:25.20 N	096:17:42.59 W
Summer	C-GLYF	879	XML_FLIGHT_SUMMAR Y	08/10/2021 11:17:40	0	0	0	0		
Summer	C-GLYF	879	SCHED	08/10/2021 11:20:20	5	0	137	225	065:06:10.20 N	096:17:41.39 W
Summer	C-GLYF	879	SCHED	08/10/2021 11:22:30	6	0	138	225	065:06:10.20 N	096:17:41.39 W
Summer	C-GLYF	879	SCHED	08/10/2021 11:24:47	7	0	138	225	065:06:10.20 N	096:17:41.39 W
Summer	C-GLYF	880	DEPARTURE	08/10/2021 11:25:55	2	73	192	134	065:06:01.79 N	096:17:02.39 W
Summer	C-GLYF	880	SCHED	08/10/2021 11:28:50	8	115	316	124	065:03:05.40 N	096:08:37.19 W
Summer	C-GLYF	880	SCHED	08/10/2021 11:30:59	9	0	138	179	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	880	ARRIVAL	08/10/2021 11:31:12	2	0	138	179	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	880	XML_FLIGHT_SUMMAR Y	08/10/2021 11:31:13	0	0	0	0		
Summer	C-GLYF	881	DEPARTURE	08/10/2021 11:32:45	3	80	254	328	065:01:43.19 N	096:04:06.59 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:35:02	10	23	267	199	065:01:54.00 N	096:09:25.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:37:11	11	77	345	313	065:01:40.80 N	096:10:48.59 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:39:30	12	96	375	333	065:04:39.00 N	096:14:03.00 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:41:38	13	1	176	194	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:43:50	14	86	303	139	065:04:58.20 N	096:14:54.60 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:45:59	15	81	347	144	065:02:30.00 N	096:10:16.19 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:48:08	16	69	262	297	065:01:45.00 N	096:10:01.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:50:16	17	105	371	330	065:04:45.60 N	096:14:28.79 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:52:31	18	1	176	205	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:54:40	19	87	317	137	065:05:02.39 N	096:15:17.39 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:56:54	20	85	359	143	065:02:39.59 N	096:10:25.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 11:59:03	21	46	242	208	065:01:42.00 N	096:09:31.19 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:01:08	22	101	376	337	065:03:48.00 N	096:13:43.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:03:17	23	29	249	212	065:06:13.20 N	096:17:30.00 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:05:31	24	87	287	138	065:05:10.20 N	096:15:37.19 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:07:40	25	89	341	139	065:02:42.00 N	096:10:37.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:09:53	26	81	251	311	065:01:52.19 N	096:10:10.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:11:59	27	106	339	325	065:05:05.99 N	096:14:52.80 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:14:11	28	5	178	153	065:06:09.00 N	096:17:40.20 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:16:21	29	97	364	123	065:04:21.59 N	096:12:36.59 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:18:29	30	86	358	142	065:02:22.20 N	096:06:17.39 W
Summer	C-GLYF	881	SCHED	08/10/2021 12:20:39	31	8	184	348	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	881	XML_OVERDUE_REPOR T	08/10/2021 12:27:55	0	0	0	0		
Summer	C-GLYF	881	XML_FLIGHT_SUMMAR Y	08/10/2021 19:13:45	0	0	0	0		
Summer	C-GLYF	882	POWER_ON	08/10/2021 19:13:44	NA	NA	NA	NA		
Summer	C-GLYF	882	POWER_ON	08/10/2021 21:16:17	NA	NA	NA	NA		
Summer	C-GLYF	882	SCHED	08/10/2021 21:16:58	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:19:16	2	9	184	124	065:01:27.00 N	096:04:15.60 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:21:31	3	0	148	58	065:01:25.20 N	096:04:15.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	882	POWER_ON	08/10/2021 21:35:08	NA	NA	NA	NA		
Summer	C-GLYF	882	SCHED	08/10/2021 21:35:45	1	1	147	353	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:37:54	2	56	212	330	065:01:31.79 N	096:04:11.99 W
Summer	C-GLYF	882	DEPARTURE	08/10/2021 21:38:06	1	77	241	316	065:01:41.39 N	096:04:32.39 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:40:14	3	104	293	308	065:03:57.60 N	096:10:54.59 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:42:27	4	52	238	317	065:06:01.20 N	096:17:43.80 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:44:35	5	0	174	172	065:06:09.59 N	096:17:40.20 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:46:44	6	66	252	125	065:04:59.99 N	096:14:21.59 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:49:14	7	67	291	136	065:03:28.80 N	096:09:52.19 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:52:03	8	20	286	133	065:01:46.19 N	096:04:41.99 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:54:10	9	1	182	100	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	882	SCHED	08/10/2021 21:56:22	10	0	144	93	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	882	ARRIVAL	08/10/2021 21:56:49	1	0	143	93	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	882	XML_FLIGHT_SUMMARY	08/10/2021 21:56:50	0	0	0	0		
Summer	C-GLYF	883	POWER_ON	08/10/2021 22:51:36	NA	NA	NA	NA		
Summer	C-GLYF	883	SCHED	08/10/2021 22:52:16	1	0	133	51	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	883	DEPARTURE	08/10/2021 22:53:16	1	70	203	314	065:01:41.39 N	096:04:43.19 W
Summer	C-GLYF	883	SCHED	08/10/2021 22:55:25	2	114	273	310	065:04:11.40 N	096:11:48.00 W
Summer	C-GLYF	883	SCHED	08/10/2021 22:57:34	3	5	136	130	065:06:09.00 N	096:17:42.59 W
Summer	C-GLYF	883	ARRIVAL	08/10/2021 22:58:25	1	0	133	130	065:06:08.39 N	096:17:41.99 W
Summer	C-GLYF	883	XML_FLIGHT_SUMMARY	08/10/2021 22:58:26	0	0	0	0		
Summer	C-GLYF	883	SCHED	08/10/2021 23:00:35	4	0	133	130	065:06:08.39 N	096:17:41.99 W
Summer	C-GLYF	883	SCHED	08/10/2021 23:02:42	5	0	133	130	065:06:08.39 N	096:17:41.99 W
Summer	C-GLYF	883	SCHED	08/10/2021 23:04:56	6	0	134	130	065:06:08.39 N	096:17:41.99 W
Summer	C-GLYF	883	SCHED	08/10/2021 23:07:05	7	0	134	130	065:06:08.39 N	096:17:41.99 W
Summer	C-GLYF	884	DEPARTURE	08/10/2021 23:09:08	2	31	150	155	065:05:51.60 N	096:17:34.79 W
Summer	C-GLYF	884	ARRIVAL	08/10/2021 23:10:48	2	0	118	97	065:05:49.79 N	096:17:26.39 W
Summer	C-GLYF	884	DEPARTURE	08/10/2021 23:11:45	3	77	180	127	065:05:43.19 N	096:16:45.00 W
Summer	C-GLYF	884	SCHED	08/10/2021 23:13:52	8	97	281	129	065:03:40.80 N	096:10:30.00 W
Summer	C-GLYF	884	SCHED	08/10/2021 23:16:00	9	50	192	93	065:01:25.79 N	096:04:47.40 W
Summer	C-GLYF	884	ARRIVAL	08/10/2021 23:17:33	3	0	135	21	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	884	XML_FLIGHT_SUMMARY	08/10/2021 23:17:34	0	0	0	0		
Summer	C-GLYF	885	POWER_ON	08/11/2021 10:40:39	NA	NA	NA	NA		
Summer	C-GLYF	885	SCHED	08/11/2021 10:42:28	1	0	0	176	065:01:27.00 N	096:04:21.00 W
Summer	C-GLYF	885	DEPARTURE	08/11/2021 10:43:02	1	63	0	315	065:01:39.59 N	096:04:47.40 W
Summer	C-GLYF	885	SCHED	08/11/2021 10:45:11	2	85	0	309	065:03:41.39 N	096:10:08.39 W
Summer	C-GLYF	885	SCHED	08/11/2021 10:47:18	3	82	189	312	065:05:33.60 N	096:16:26.40 W
Summer	C-GLYF	885	ARRIVAL	08/11/2021 10:49:21	1	0	121	64	065:06:09.00 N	096:17:41.99 W
Summer	C-GLYF	885	XML_FLIGHT_SUMMARY	08/11/2021 10:49:22	0	0	0	0		
Summer	C-GLYF	885	SCHED	08/11/2021 10:49:29	4	0	121	64	065:06:09.00 N	096:17:41.99 W
Summer	C-GLYF	886	DEPARTURE	08/11/2021 10:50:58	2	86	195	146	065:05:58.20 N	096:17:05.40 W
Summer	C-GLYF	886	SCHED	08/11/2021 10:54:40	5	119	270	139	065:02:08.40 N	096:06:17.39 W
Summer	C-GLYF	886	ARRIVAL	08/11/2021 10:56:08	2	0	144	108	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	886	XML_FLIGHT_SUMMARY	08/11/2021 10:56:09	0	0	0	0		
Summer	C-GLYF	887	POWER_ON	08/11/2021 15:36:59	NA	NA	NA	NA		
Summer	C-GLYF	887	SCHED	08/11/2021 15:37:36	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	887	DEPARTURE	08/11/2021 15:39:32	1	62	147	310	065:01:39.00 N	096:04:42.60 W
Summer	C-GLYF	887	SCHED	08/11/2021 15:41:43	2	110	269	273	065:02:39.59 N	096:11:50.40 W
Summer	C-GLYF	887	SCHED	08/11/2021 15:43:51	3	106	244	266	065:02:52.80 N	096:21:08.40 W
Summer	C-GLYF	887	ARRIVAL	08/11/2021 15:45:34	1	0	128	76	065:02:52.80 N	096:22:46.19 W
Summer	C-GLYF	887	XML_FLIGHT_SUMMARY	08/11/2021 15:45:35	0	0	0	0		
Summer	C-GLYF	887	SCHED	08/11/2021 15:47:42	4	0	127	76	065:02:52.80 N	096:22:46.19 W
Summer	C-GLYF	888	DEPARTURE	08/11/2021 15:49:01	2	59	179	89	065:02:54.60 N	096:22:10.20 W
Summer	C-GLYF	888	SCHED	08/11/2021 15:51:11	5	88	291	92	065:02:41.39 N	096:14:51.00 W
Summer	C-GLYF	888	SCHED	08/11/2021 15:53:18	6	104	304	124	065:02:24.59 N	096:07:07.79 W
Summer	C-GLYF	888	SCHED	08/11/2021 15:55:36	7	0	143	210	065:01:23.99 N	096:04:13.79 W
Summer	C-GLYF	888	ARRIVAL	08/11/2021 15:55:47	2	0	143	210	065:01:23.99 N	096:04:13.79 W
Summer	C-GLYF	888	XML_FLIGHT_SUMMARY	08/11/2021 15:55:48	0	0	0	0		
Summer	C-GLYF	888	SCHED	08/11/2021 15:58:04	8	0	141	210	065:01:23.99 N	096:04:13.79 W
Summer	C-GLYF	888	SCHED	08/11/2021 16:00:14	9	0	136	92	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	889	POWER_ON	08/11/2021 19:09:25	NA	NA	NA	NA		
Summer	C-GLYF	889	SCHED	08/11/2021 19:09:52	1	0	0	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	889	SCHED	08/11/2021 19:12:04	2	1	142	259	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	889	POWER_ON	08/11/2021 19:24:27	NA	NA	NA	NA		
Summer	C-GLYF	889	SCHED	08/11/2021 19:25:04	1	0	152	180	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	889	DEPARTURE	08/11/2021 19:26:20	1	60	203	312	065:01:38.39 N	096:04:35.40 W
Summer	C-GLYF	889	SCHED	08/11/2021 19:28:28	2	100	256	308	065:03:42.60 N	096:10:25.20 W
Summer	C-GLYF	889	SCHED	08/11/2021 19:30:39	3	89	208	296	065:05:49.79 N	096:17:03.00 W
Summer	C-GLYF	889	ARRIVAL	08/11/2021 19:32:25	1	0	136	87	065:06:09.59 N	096:17:41.99 W
Summer	C-GLYF	889	XML_FLIGHT_SUMMARY	08/11/2021 19:32:26	0	0	0	0		
Summer	C-GLYF	890	POWER_ON	08/11/2021 19:57:17	NA	NA	NA	NA		
Summer	C-GLYF	890	SCHED	08/11/2021 19:57:42	1	0	138	0	065:06:09.59 N	096:17:41.99 W
Summer	C-GLYF	890	SCHED	08/11/2021 19:59:53	2	2	167	93	065:06:09.59 N	096:17:39.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:02:04	3	1	180	60	065:06:09.59 N	096:17:39.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:04:13	4	2	176	2	065:06:09.59 N	096:17:39.59 W
Summer	C-GLYF	890	DEPARTURE	08/11/2021 20:05:23	1	59	210	145	065:06:02.99 N	096:18:00.60 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:07:51	5	1	175	148	065:06:09.59 N	096:17:39.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:09:58	6	0	168	114	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:12:06	7	1	162	293	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:14:58	8	0	164	69	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:18:03	9	2	176	68	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:20:10	10	1	171	294	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:22:17	11	0	170	108	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:24:39	12	16	191	39	065:06:07.79 N	096:17:41.99 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:27:35	13	5	181	84	065:06:09.59 N	096:17:36.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:29:43	14	0	174	320	065:06:10.20 N	096:17:35.40 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:31:54	15	1	172	12	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:34:13	16	5	175	73	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:36:20	17	3	177	59	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:38:35	18	7	184	263	065:06:09.00 N	096:17:39.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:40:48	19	0	173	337	065:06:09.59 N	096:17:40.20 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:42:59	20	0	173	59	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:45:05	21	1	175	6	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:47:16	22	1	172	283	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:49:24	23	3	183	284	065:06:09.00 N	096:17:39.59 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:51:34	24	0	174	38	065:06:09.59 N	096:17:39.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	890	SCHED	08/11/2021 20:53:46	25	72	259	268	065:05:53.40 N	096:17:31.20 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:55:58	26	2	179	248	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	890	SCHED	08/11/2021 20:58:10	27	1	178	276	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	890	SCHED	08/11/2021 21:00:18	28	0	187	310	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 21:02:23	29	0	146	36	065:06:09.59 N	096:17:36.00 W
Summer	C-GLYF	890	ARRIVAL	08/11/2021 21:02:57	1	0	146	36	065:06:09.59 N	096:17:36.00 W
Summer	C-GLYF	890	POWER_ON	08/11/2021 21:34:40	NA	NA	NA	NA		
Summer	C-GLYF	890	SCHED	08/11/2021 21:35:19	1	0	146	32	065:06:09.59 N	096:17:36.00 W
Summer	C-GLYF	890	DEPARTURE	08/11/2021 21:36:55	1	81	209	128	065:06:12.60 N	096:16:58.19 W
Summer	C-GLYF	890	SCHED	08/11/2021 21:39:04	2	113	291	127	065:02:36.59 N	096:07:00.00 W
Summer	C-GLYF	890	SCHED	08/11/2021 21:41:11	3	0	140	321	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	890	ARRIVAL	08/11/2021 21:42:34	1	0	135	321	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	890	XML_FLIGHT_SUMMARY	08/11/2021 21:42:35	0	0	0	0		
Summer	C-GLYF	891	POWER_ON	08/11/2021 21:55:11	NA	NA	NA	NA		
Summer	C-GLYF	891	SCHED	08/11/2021 21:55:39	1	0	141	267	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	891	SCHED	08/11/2021 21:57:47	2	0	142	338	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	891	POWER_ON	08/11/2021 23:01:03	NA	NA	NA	NA		
Summer	C-GLYF	891	SCHED	08/11/2021 23:01:47	1	0	139	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	891	DEPARTURE	08/11/2021 23:02:36	1	59	207	310	065:01:39.00 N	096:04:46.79 W
Summer	C-GLYF	891	SCHED	08/11/2021 23:04:43	2	91	302	307	065:03:36.00 N	096:09:55.79 W
Summer	C-GLYF	891	SCHED	08/11/2021 23:06:56	3	97	268	305	065:05:34.19 N	096:16:16.79 W
Summer	C-GLYF	891	ARRIVAL	08/11/2021 23:08:48	1	0	138	111	065:06:10.20 N	096:17:38.39 W
Summer	C-GLYF	891	XML_FLIGHT_SUMMARY	08/11/2021 23:08:49	0	0	0	0		
Summer	C-GLYF	891	SCHED	08/11/2021 23:10:57	4	0	140	111	065:06:10.20 N	096:17:37.80 W
Summer	C-GLYF	891	SCHED	08/11/2021 23:13:04	5	1	142	15	065:06:10.20 N	096:17:37.80 W
Summer	C-GLYF	891	SCHED	08/11/2021 23:15:18	6	0	149	14	065:06:10.20 N	096:17:37.80 W
Summer	C-GLYF	891	SCHED	08/11/2021 23:17:28	7	0	142	221	065:06:10.20 N	096:17:38.39 W
Summer	C-GLYF	891	SCHED	08/11/2021 23:19:44	8	0	138	122	065:06:09.59 N	096:17:40.80 W
Summer	C-GLYF	892	DEPARTURE	08/11/2021 23:21:08	2	77	208	135	065:06:03.59 N	096:17:01.19 W
Summer	C-GLYF	892	SCHED	08/11/2021 23:23:19	9	115	311	130	065:03:32.39 N	096:10:10.20 W
Summer	C-GLYF	892	SCHED	08/11/2021 23:25:26	10	7	140	71	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	892	SCHED	08/11/2021 23:27:35	11	0	134	262	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	892	ARRIVAL	08/11/2021 23:28:10	2	0	134	262	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	892	XML_FLIGHT_SUMMARY	08/11/2021 23:28:11	0	0	0	0		
Summer	C-GLYF	893	DEPARTURE	08/11/2021 23:30:03	3	73	208	234	065:01:31.19 N	096:04:38.39 W
Summer	C-GLYF	893	ARRIVAL	08/11/2021 23:31:21	3	0	135	83	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	893	POWER_ON	08/12/2021 11:08:47	NA	NA	NA	NA		
Summer	C-GLYF	893	SCHED	08/12/2021 11:09:25	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	893	SCHED	08/12/2021 11:11:32	2	0	131	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	893	DEPARTURE	08/12/2021 11:12:15	1	51	192	317	065:01:38.39 N	096:04:43.19 W
Summer	C-GLYF	893	SCHED	08/12/2021 11:14:25	3	81	310	311	065:03:15.59 N	096:09:06.59 W
Summer	C-GLYF	893	SCHED	08/12/2021 11:16:36	4	84	285	307	065:05:02.99 N	096:14:45.00 W
Summer	C-GLYF	893	SCHED	08/12/2021 11:18:46	5	0	131	53	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	893	ARRIVAL	08/12/2021 11:19:10	1	0	131	53	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	893	XML_FLIGHT_SUMMARY	08/12/2021 11:19:11	0	0	0	0		
Summer	C-GLYF	893	SCHED	08/12/2021 11:21:21	6	0	132	53	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	893	SCHED	08/12/2021 11:23:29	7	0	132	53	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	893	SCHED	08/12/2021 11:25:43	8	0	134	53	065:06:09.59 N	096:17:38.39 W
Summer	C-GLYF	894	DEPARTURE	08/12/2021 11:27:18	2	85	214	130	065:06:08.39 N	096:17:01.79 W
Summer	C-GLYF	894	SCHED	08/12/2021 11:29:26	9	126	339	129	065:03:29.39 N	096:09:50.40 W
Summer	C-GLYF	894	SCHED	08/12/2021 11:31:36	10	4	145	56	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	894	ARRIVAL	08/12/2021 11:32:25	2	0	141	13	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	894	XML_FLIGHT_SUMMARY	08/12/2021 11:32:26	0	0	0	0		
Summer	C-GLYF	895	POWER_ON	08/12/2021 12:17:35	NA	NA	NA	NA		
Summer	C-GLYF	895	SCHED	08/12/2021 12:18:15	1	0	144	173	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	895	DEPARTURE	08/12/2021 12:19:55	1	47	217	337	065:01:40.20 N	096:04:28.20 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:22:50	2	0	181	52	065:03:00.60 N	096:04:01.79 W
Summer	C-GLYF	895	ARRIVAL	08/12/2021 12:22:59	1	0	182	52	065:03:00.60 N	096:04:01.79 W
Summer	C-GLYF	895	DEPARTURE	08/12/2021 12:24:18	2	72	255	255	065:03:05.99 N	096:04:36.00 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:26:25	3	0	141	75	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	895	ARRIVAL	08/12/2021 12:27:06	2	0	141	75	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:29:14	4	0	144	75	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	895	DEPARTURE	08/12/2021 12:30:22	3	57	252	316	065:01:39.59 N	096:04:45.60 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:32:30	5	66	209	317	065:03:14.99 N	096:09:00.00 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:34:38	6	70	304	305	065:04:45.00 N	096:13:51.59 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:36:50	7	13	195	0	065:06:08.39 N	096:17:37.80 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:38:56	8	92	341	130	065:05:36.60 N	096:15:41.99 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:41:09	9	95	351	127	065:03:34.80 N	096:09:36.60 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:43:15	10	42	237	116	065:01:15.60 N	096:04:47.40 W
Summer	C-GLYF	895	SCHED	08/12/2021 12:45:27	11	2	181	17	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	895	ARRIVAL	08/12/2021 12:46:59	3	0	146	159	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	895	XML_FLIGHT_SUMMARY	08/12/2021 12:47:00	0	0	0	0		
Summer	C-GLYF	896	POWER_ON	08/12/2021 19:55:06	NA	NA	NA	NA		
Summer	C-GLYF	896	SCHED	08/12/2021 19:55:52	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	896	DEPARTURE	08/12/2021 19:57:08	1	39	215	6	065:01:42.59 N	096:04:25.20 W
Summer	C-GLYF	896	SCHED	08/12/2021 19:59:18	2	70	328	346	065:03:46.80 N	096:04:23.40 W
Summer	C-GLYF	896	SCHED	08/12/2021 20:02:02	3	0	182	5	065:04:37.19 N	096:04:55.20 W
Summer	C-GLYF	896	ARRIVAL	08/12/2021 20:02:10	1	0	184	5	065:04:37.19 N	096:04:54.59 W
Summer	C-GLYF	896	XML_FLIGHT_SUMMARY	08/12/2021 20:02:11	0	0	0	0		
Summer	C-GLYF	897	DEPARTURE	08/12/2021 20:02:57	2	77	265	175	065:04:28.80 N	096:05:16.79 W
Summer	C-GLYF	897	ARRIVAL	08/12/2021 20:04:35	2	0	175	12	065:03:53.40 N	096:05:08.99 W
Summer	C-GLYF	897	DEPARTURE	08/12/2021 20:05:51	3	99	238	147	065:03:51.60 N	096:04:28.20 W
Summer	C-GLYF	897	ARRIVAL	08/12/2021 20:07:31	3	0	148	37	065:03:20.40 N	096:04:34.19 W
Summer	C-GLYF	897	DEPARTURE	08/12/2021 20:08:46	4	66	232	238	065:03:23.39 N	096:05:07.80 W
Summer	C-GLYF	897	SCHED	08/12/2021 20:10:55	4	3	148	302	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	897	ARRIVAL	08/12/2021 20:11:51	4	0	138	292	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	897	POWER_ON	08/12/2021 21:28:22	NA	NA	NA	NA		
Summer	C-GLYF	897	SCHED	08/12/2021 21:29:01	1	0	133	234	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	897	DEPARTURE	08/12/2021 21:30:09	1	55	187	313	065:01:36.59 N	096:04:36.60 W
Summer	C-GLYF	897	SCHED	08/12/2021 21:32:16	2	85	349	308	065:03:22.20 N	096:09:34.79 W
Summer	C-GLYF	897	SCHED	08/12/2021 21:34:25	3	90	295	307	065:05:15.00 N	096:15:15.00 W
Summer	C-GLYF	897	SCHED	08/12/2021 21:36:32	4	0	134	16	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	897	ARRIVAL	08/12/2021 21:37:41	1	0	132	16	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	897	XML_FLIGHT_SUMMARY	08/12/2021 21:37:42	0	0	0	0		
Summer	C-GLYF	897	SCHED	08/12/2021 21:39:49	5	0	129	16	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	897	SCHED	08/12/2021 21:41:57	6	1	128	303	065:06:10.20 N	096:17:34.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	898	DEPARTURE	08/12/2021 21:43:51	2	78	270	186	065:06:00.60 N	096:18:05.99 W
Summer	C-GLYF	898	SCHED	08/12/2021 21:46:52	7	95	326	136	065:01:52.80 N	096:10:07.80 W
Summer	C-GLYF	898	SCHED	08/12/2021 21:49:00	8	44	226	320	065:02:05.40 N	096:09:51.00 W
Summer	C-GLYF	898	SCHED	08/12/2021 21:51:06	9	59	285	322	065:03:29.39 N	096:12:32.39 W
Summer	C-GLYF	898	SCHED	08/12/2021 21:53:15	10	56	268	323	065:05:07.79 N	096:15:33.00 W
Summer	C-GLYF	898	SCHED	08/12/2021 21:55:21	11	1	172	309	065:06:10.20 N	096:17:35.40 W
Summer	C-GLYF	898	SCHED	08/12/2021 21:57:29	12	97	300	140	065:05:37.80 N	096:17:43.80 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:00:10	13	117	361	144	065:02:40.20 N	096:11:55.20 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:02:18	14	32	213	312	065:01:55.80 N	096:09:30.00 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:04:26	15	51	287	319	065:03:22.79 N	096:12:28.20 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:06:37	16	57	278	322	065:04:57.60 N	096:15:45.59 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:08:46	17	0	178	340	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:10:56	18	133	347	139	065:03:48.60 N	096:14:00.00 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:13:13	19	1	186	21	065:01:52.80 N	096:09:28.80 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:15:23	20	42	250	320	065:02:43.19 N	096:10:59.39 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:17:31	21	48	271	325	065:04:01.79 N	096:13:32.99 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:19:52	22	54	259	321	065:05:19.79 N	096:16:10.80 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:22:09	23	1	171	48	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:24:19	24	124	316	136	065:04:22.19 N	096:15:15.00 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:26:27	25	11	213	0	065:01:50.99 N	096:09:26.39 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:28:45	26	43	260	318	065:02:25.20 N	096:10:26.99 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:30:53	27	55	289	317	065:03:50.39 N	096:13:14.40 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:33:00	28	51	268	320	065:05:13.79 N	096:15:57.60 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:35:10	29	2	172	38	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:37:19	30	87	265	133	065:05:55.20 N	096:16:28.20 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:39:26	31	113	410	131	065:03:29.39 N	096:09:40.80 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:41:32	32	9	206	52	065:01:19.79 N	096:04:31.20 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:43:38	33	2	165	314	065:01:28.20 N	096:04:19.19 W
Summer	C-GLYF	898	SCHED	08/12/2021 22:45:47	34	0	133	351	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	898	ARRIVAL	08/12/2021 22:47:06	2	0	132	351	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	898	XML_FLIGHT_SUMMARY	08/12/2021 22:47:07	0	0	0	0		
Summer	C-GLYF	899	POWER_ON	08/12/2021 23:03:01	NA	NA	NA	NA		
Summer	C-GLYF	899	SCHED	08/12/2021 23:03:50	1	0	141	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	899	DEPARTURE	08/12/2021 23:04:32	1	56	202	311	065:01:36.59 N	096:04:41.39 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:06:50	2	85	328	306	065:03:24.00 N	096:09:59.39 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:08:57	3	85	245	312	065:05:30.00 N	096:16:05.40 W
Summer	C-GLYF	899	ARRIVAL	08/12/2021 23:11:07	1	0	134	354	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	899	XML_FLIGHT_SUMMARY	08/12/2021 23:11:08	0	0	0	0		
Summer	C-GLYF	899	SCHED	08/12/2021 23:11:16	4	0	133	354	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:13:39	5	0	132	354	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:15:46	6	0	141	242	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:17:53	7	0	139	268	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:20:06	8	0	141	289	065:06:10.20 N	096:17:34.79 W
Summer	C-GLYF	899	SCHED	08/12/2021 23:22:14	9	71	208	217	065:06:07.79 N	096:18:00.00 W
Summer	C-GLYF	900	DEPARTURE	08/12/2021 23:22:31	2	88	229	198	065:06:01.79 N	096:18:06.59 W
Summer	C-GLYF	900	SCHED	08/12/2021 23:24:43	10	146	404	132	065:02:52.19 N	096:08:47.99 W
Summer	C-GLYF	900	SCHED	08/12/2021 23:26:50	11	0	130	90	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	900	ARRIVAL	08/12/2021 23:27:15	2	0	130	90	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	900	XML_FLIGHT_SUMMARY	08/12/2021 23:27:16	0	0	0	0		
Summer	C-GLYF	901	POWER_ON	08/13/2021 11:05:32	NA	NA	NA	NA		
Summer	C-GLYF	901	SCHED	08/13/2021 11:06:12	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	901	DEPARTURE	08/13/2021 11:08:18	1	50	0	313	065:01:38.39 N	096:04:46.19 W
Summer	C-GLYF	901	SCHED	08/13/2021 11:10:35	2	78	262	308	065:03:19.79 N	096:09:28.80 W
Summer	C-GLYF	901	SCHED	08/13/2021 11:12:51	3	83	261	310	065:05:18.59 N	096:15:29.39 W
Summer	C-GLYF	901	SCHED	08/13/2021 11:15:45	4	0	139	33	065:06:10.20 N	096:17:34.79 W
Summer	C-GLYF	901	ARRIVAL	08/13/2021 11:16:03	1	0	137	33	065:06:10.20 N	096:17:34.79 W
Summer	C-GLYF	901	XML_FLIGHT_SUMMARY	08/13/2021 11:16:04	0	0	0	0		
Summer	C-GLYF	901	SCHED	08/13/2021 11:18:12	5	0	134	33	065:06:10.20 N	096:17:34.79 W
Summer	C-GLYF	901	SCHED	08/13/2021 11:20:39	6	0	132	33	065:06:10.20 N	096:17:34.79 W
Summer	C-GLYF	901	SCHED	08/13/2021 11:22:48	7	0	131	33	065:06:10.20 N	096:17:35.40 W
Summer	C-GLYF	901	SCHED	08/13/2021 11:25:05	8	53	159	242	065:06:10.79 N	096:17:51.00 W
Summer	C-GLYF	902	DEPARTURE	08/13/2021 11:25:14	2	81	214	192	065:06:01.79 N	096:18:04.79 W
Summer	C-GLYF	902	SCHED	08/13/2021 11:27:26	9	123	271	124	065:03:21.59 N	096:09:52.19 W
Summer	C-GLYF	902	SCHED	08/13/2021 11:29:34	10	0	138	50	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	902	ARRIVAL	08/13/2021 11:30:16	2	0	137	50	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	902	XML_FLIGHT_SUMMARY	08/13/2021 11:30:17	0	0	0	0		
Summer	C-GLYF	902	SCHED	08/13/2021 11:32:25	11	0	135	50	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	903	DEPARTURE	08/13/2021 11:34:27	3	55	233	316	065:01:37.80 N	096:04:46.19 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:36:34	12	63	255	311	065:03:09.59 N	096:09:04.19 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:38:44	13	71	265	310	065:04:39.60 N	096:13:31.79 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:40:56	14	18	195	344	065:06:07.79 N	096:17:36.00 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:43:06	15	110	283	131	065:05:05.99 N	096:14:22.20 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:45:15	16	100	260	130	065:02:44.39 N	096:07:20.40 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:47:22	17	0	183	55	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	903	SCHED	08/13/2021 11:49:30	18	0	151	191	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	903	ARRIVAL	08/13/2021 11:50:50	3	0	154	59	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	903	XML_FLIGHT_SUMMARY	08/13/2021 11:50:51	0	0	0	0		
Summer	C-GLYF	904	POWER_ON	08/13/2021 13:46:30	NA	NA	NA	NA		
Summer	C-GLYF	904	SCHED	08/13/2021 13:47:05	1	0	143	327	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	904	DEPARTURE	08/13/2021 13:48:21	1	42	165	324	065:01:37.80 N	096:04:42.60 W
Summer	C-GLYF	904	SCHED	08/13/2021 13:50:28	2	53	233	258	065:01:47.39 N	096:09:19.79 W
Summer	C-GLYF	904	SCHED	08/13/2021 13:52:42	3	1	156	21	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	904	ARRIVAL	08/13/2021 13:53:24	1	0	155	21	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	904	DEPARTURE	08/13/2021 13:54:06	2	57	220	333	065:02:06.60 N	096:09:41.99 W
Summer	C-GLYF	904	SCHED	08/13/2021 13:56:11	4	86	275	321	065:04:19.20 N	096:14:00.60 W
Summer	C-GLYF	904	SCHED	08/13/2021 13:58:24	5	0	151	43	065:06:09.59 N	096:17:33.00 W
Summer	C-GLYF	904	ARRIVAL	08/13/2021 13:59:18	2	0	141	324	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	904	XML_FLIGHT_SUMMARY	08/13/2021 13:59:19	0	0	0	0		
Summer	C-GLYF	905	POWER_ON	08/13/2021 14:21:33	NA	NA	NA	NA		
Summer	C-GLYF	905	SCHED	08/13/2021 14:23:13	1	1	170	233	065:06:09.59 N	096:17:34.79 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:25:23	2	3	179	81	065:06:08.39 N	096:17:45.00 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:27:30	3	0	175	296	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:29:41	4	4	176	93	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:31:55	5	2	160	60	065:06:09.00 N	096:17:40.20 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:34:20	6	2	167	273	065:06:08.39 N	096:17:45.60 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:36:28	7	6	161	231	065:06:09.00 N	096:17:40.80 W
Summer	C-GLYF	905	SCHED	08/13/2021 14:38:35	8	0	141	122	065:06:07.79 N	096:17:46.80 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	905	SCHED	08/13/2021 14:40:42	9	1	140	178	065:06:07.79 N	096:17:47.39 W
Summer	C-GLYF	905	POWER_ON	08/13/2021 15:11:59	NA	NA	NA	NA		
Summer	C-GLYF	905	SCHED	08/13/2021 15:12:38	1	0	141	34	065:06:07.79 N	096:17:47.39 W
Summer	C-GLYF	905	DEPARTURE	08/13/2021 15:13:36	1	73	223	110	065:06:15.00 N	096:17:22.19 W
Summer	C-GLYF	905	SCHED	08/13/2021 15:16:07	2	135	269	157	065:03:22.79 N	096:09:49.79 W
Summer	C-GLYF	905	ARRIVAL	08/13/2021 15:17:53	1	0	145	31	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	905	XML_FLIGHT_SUMMARY	08/13/2021 15:17:54	0	0	0	0		
Summer	C-GLYF	906	DEPARTURE	08/13/2021 15:18:31	2	66	198	41	065:02:05.40 N	096:09:11.99 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:20:41	3	30	182	290	065:01:25.20 N	096:04:00.00 W
Summer	C-GLYF	906	ARRIVAL	08/13/2021 15:22:47	2	0	141	314	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:22:58	4	0	140	314	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	906	POWER_ON	08/13/2021 15:36:46	NA	NA	NA	NA		
Summer	C-GLYF	906	SCHED	08/13/2021 15:37:24	1	0	130	237	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	906	DEPARTURE	08/13/2021 15:38:39	1	63	177	310	065:01:36.59 N	096:04:41.99 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:40:52	2	83	256	313	065:03:31.80 N	096:09:52.80 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:42:58	3	85	235	323	065:05:40.80 N	096:15:11.40 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:45:09	4	0	132	19	065:06:42.60 N	096:17:07.80 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:47:15	5	131	294	140	065:06:07.79 N	096:14:43.80 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:49:21	6	136	273	138	065:02:37.80 N	096:07:09.59 W
Summer	C-GLYF	906	SCHED	08/13/2021 15:51:31	7	0	140	92	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	906	ARRIVAL	08/13/2021 15:52:19	1	0	137	92	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	906	XML_FLIGHT_SUMMARY	08/13/2021 15:52:20	0	0	0	0		
Summer	C-GLYF	907	POWER_ON	08/13/2021 20:48:42	NA	NA	NA	NA		
Summer	C-GLYF	907	SCHED	08/13/2021 20:49:30	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	907	DEPARTURE	08/13/2021 20:50:44	1	52	0	319	065:01:37.80 N	096:04:41.39 W
Summer	C-GLYF	907	SCHED	08/13/2021 20:52:56	2	82	0	309	065:03:16.79 N	096:09:35.99 W
Summer	C-GLYF	907	SCHED	08/13/2021 20:55:09	3	85	320	306	065:05:21.00 N	096:15:06.00 W
Summer	C-GLYF	907	ARRIVAL	08/13/2021 20:57:06	1	0	154	70	065:06:09.59 N	096:17:07.19 W
Summer	C-GLYF	907	XML_FLIGHT_SUMMARY	08/13/2021 20:57:07	0	0	0	0		
Summer	C-GLYF	908	DEPARTURE	08/13/2021 20:58:54	2	87	218	125	065:06:14.39 N	096:16:40.20 W
Summer	C-GLYF	908	SCHED	08/13/2021 21:01:08	4	137	372	133	065:03:18.59 N	096:08:55.79 W
Summer	C-GLYF	908	SCHED	08/13/2021 21:03:34	5	0	143	80	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	908	ARRIVAL	08/13/2021 21:03:40	2	0	144	80	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	908	XML_FLIGHT_SUMMARY	08/13/2021 21:03:41	0	0	0	0		
Summer	C-GLYF	908	SCHED	08/13/2021 21:05:48	6	1	182	38	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	909	DEPARTURE	08/13/2021 21:06:15	3	61	245	319	065:01:39.00 N	096:04:41.39 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:08:21	7	24	236	342	065:01:49.19 N	096:09:27.60 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:10:34	8	54	237	321	065:02:09.59 N	096:09:57.60 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:12:52	9	74	312	324	065:04:02.40 N	096:13:39.59 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:14:59	10	36	233	327	065:06:00.60 N	096:17:27.00 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:17:13	11	99	269	146	065:05:48.60 N	096:16:22.19 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:19:24	12	109	371	152	065:02:22.20 N	096:10:57.00 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:21:31	13	1	189	64	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:23:39	14	58	269	322	065:02:40.20 N	096:10:58.80 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:25:46	15	66	266	319	065:04:24.00 N	096:14:12.60 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:27:52	16	33	228	326	065:06:02.99 N	096:17:25.20 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:30:12	17	107	322	145	065:05:43.19 N	096:16:08.99 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:33:11	18	29	241	359	065:01:45.00 N	096:09:28.19 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:35:19	19	66	273	322	065:02:35.39 N	096:10:48.59 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:37:29	20	66	307	321	065:04:26.40 N	096:14:14.40 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:39:48	21	16	200	337	065:06:08.39 N	096:17:33.59 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:41:57	22	109	402	148	065:05:05.40 N	096:14:56.39 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:44:07	23	80	328	130	065:01:44.39 N	096:09:58.79 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:46:18	24	0	180	182	065:01:52.80 N	096:09:29.40 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:49:18	25	56	287	321	065:03:23.39 N	096:12:34.79 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:51:29	26	63	282	320	065:05:19.79 N	096:16:09.59 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:53:37	27	1	169	313	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:55:49	28	112	406	130	065:04:31.19 N	096:12:25.80 W
Summer	C-GLYF	909	SCHED	08/13/2021 21:57:59	29	96	379	152	065:01:44.39 N	096:05:36.60 W
Summer	C-GLYF	909	SCHED	08/13/2021 22:00:09	30	5	185	53	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	909	SCHED	08/13/2021 22:02:14	31	0	139	300	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	909	ARRIVAL	08/13/2021 22:02:23	3	0	139	300	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	909	XML_FLIGHT_SUMMARY	08/13/2021 22:02:24	0	0	0	0		
Summer	C-GLYF	910	POWER_ON	08/13/2021 23:07:41	NA	NA	NA	NA		
Summer	C-GLYF	910	SCHED	08/13/2021 23:08:51	1	0	135	253	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	910	DEPARTURE	08/13/2021 23:09:23	1	59	213	316	065:01:37.80 N	096:04:38.39 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:11:31	2	95	336	310	065:03:39.00 N	096:10:28.19 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:13:43	3	91	220	308	065:05:46.80 N	096:16:36.00 W
Summer	C-GLYF	910	ARRIVAL	08/13/2021 23:15:27	1	0	136	211	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	910	XML_FLIGHT_SUMMARY	08/13/2021 23:15:28	0	0	0	0		
Summer	C-GLYF	910	SCHED	08/13/2021 23:17:39	4	0	136	211	065:06:10.79 N	096:17:37.80 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:19:46	5	0	135	191	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:21:54	6	0	135	187	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:24:03	7	0	134	187	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:26:12	8	0	134	187	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	910	SCHED	08/13/2021 23:28:22	9	0	134	187	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	911	DEPARTURE	08/13/2021 23:29:51	2	69	224	193	065:06:00.60 N	096:18:04.19 W
Summer	C-GLYF	911	SCHED	08/13/2021 23:32:00	10	137	338	126	065:03:22.20 N	096:09:40.80 W
Summer	C-GLYF	911	SCHED	08/13/2021 23:34:08	11	11	152	217	065:01:24.59 N	096:04:11.99 W
Summer	C-GLYF	911	ARRIVAL	08/13/2021 23:35:09	2	0	135	257	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	911	XML_FLIGHT_SUMMARY	08/13/2021 23:35:10	0	0	0	0		
Summer	C-GLYF	911	SCHED	08/13/2021 23:37:16	12	0	143	279	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	911	SCHED	08/13/2021 23:39:23	13	0	137	4	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	912	POWER_ON	08/14/2021 11:02:10	NA	NA	NA	NA		
Summer	C-GLYF	912	SCHED	08/14/2021 11:02:37	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	912	SCHED	08/14/2021 11:04:45	2	49	202	309	065:01:33.00 N	096:04:27.60 W
Summer	C-GLYF	912	DEPARTURE	08/14/2021 11:04:56	1	61	214	317	065:01:39.59 N	096:04:45.60 W
Summer	C-GLYF	912	SCHED	08/14/2021 11:07:06	3	91	289	307	065:03:27.00 N	096:10:09.59 W
Summer	C-GLYF	912	SCHED	08/14/2021 11:09:15	4	90	285	315	065:05:35.39 N	096:16:07.80 W
Summer	C-GLYF	912	ARRIVAL	08/14/2021 11:11:10	1	0	142	331	065:06:10.79 N	096:17:35.40 W
Summer	C-GLYF	912	XML_FLIGHT_SUMMARY	08/14/2021 11:11:11	0	0	0	0		
Summer	C-GLYF	912	SCHED	08/14/2021 11:13:17	5	0	142	331	065:06:10.79 N	096:17:35.40 W
Summer	C-GLYF	912	SCHED	08/14/2021 11:15:24	6	0	138	331	065:06:10.79 N	096:17:34.79 W
Summer	C-GLYF	913	DEPARTURE	08/14/2021 11:17:25	2	70	198	119	065:06:01.20 N	096:17:41.39 W
Summer	C-GLYF	913	ARRIVAL	08/14/2021 11:18:46	2	0	127	332	065:05:49.79 N	096:17:25.79 W
Summer	C-GLYF	913	DEPARTURE	08/14/2021 11:19:54	3	72	193	167	065:05:38.39 N	096:17:45.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	913	SCHED	08/14/2021 11:22:14	7	127	374	121	065:03:22.20 N	096:09:44.39 W
Summer	C-GLYF	913	SCHED	08/14/2021 11:25:21	8	0	141	323	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	913	ARRIVAL	08/14/2021 11:25:30	3	0	140	323	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	913	XML_FLIGHT_SUMMARY	08/14/2021 11:25:31	0	0	0	0		
Summer	C-GLYF	914	POWER_ON	08/14/2021 11:34:44	NA	NA	NA	NA		
Summer	C-GLYF	914	SCHED	08/14/2021 11:35:24	1	0	147	275	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	914	DEPARTURE	08/14/2021 11:36:28	1	62	210	314	065:01:37.80 N	096:04:40.20 W
Summer	C-GLYF	914	SCHED	08/14/2021 11:38:39	2	103	340	310	065:03:39.60 N	096:10:36.59 W
Summer	C-GLYF	914	SCHED	08/14/2021 11:40:47	3	60	203	316	065:05:56.99 N	096:17:15.60 W
Summer	C-GLYF	914	ARRIVAL	08/14/2021 11:42:13	1	0	134	329	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	914	XML_FLIGHT_SUMMARY	08/14/2021 11:42:14	0	0	0	0		
Summer	C-GLYF	915	POWER_ON	08/14/2021 12:19:11	NA	NA	NA	NA		
Summer	C-GLYF	915	SCHED	08/14/2021 12:19:38	1	0	141	0	065:06:10.20 N	096:17:34.19 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:21:45	2	1	173	250	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:24:01	3	0	175	230	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:26:10	4	5	176	35	065:06:09.59 N	096:17:36.59 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:28:18	5	1	171	51	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:30:25	6	0	171	32	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:32:32	7	11	180	82	065:06:09.00 N	096:17:44.39 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:34:42	8	8	184	69	065:06:09.59 N	096:17:38.39 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:36:50	9	10	182	70	065:06:09.00 N	096:17:45.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:38:58	10	11	194	74	065:06:09.00 N	096:17:39.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:41:09	11	5	187	302	065:06:09.00 N	096:17:45.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:43:18	12	4	197	309	065:06:09.00 N	096:17:45.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:45:27	13	7	189	225	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:47:34	14	5	178	242	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:49:41	15	1	175	40	065:06:10.20 N	096:17:35.40 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:51:48	16	4	186	42	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:53:55	17	1	181	46	065:06:10.20 N	096:17:35.40 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:56:04	18	13	189	243	065:06:09.59 N	096:17:39.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 12:58:12	19	0	183	241	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:00:20	20	3	192	52	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:02:29	21	0	181	29	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:04:44	22	11	194	233	065:06:09.00 N	096:17:40.20 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:06:54	23	10	196	249	065:06:08.39 N	096:17:41.99 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:09:02	24	4	191	288	065:06:10.79 N	096:17:37.19 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:11:13	25	11	207	92	065:06:09.59 N	096:17:41.99 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:13:30	26	0	183	302	065:06:09.00 N	096:17:46.80 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:15:36	27	5	189	291	065:06:08.39 N	096:17:45.60 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:17:49	28	6	174	229	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:19:59	29	2	183	31	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:23:01	30	13	184	222	065:06:10.20 N	096:17:37.80 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:25:09	31	1	164	36	065:06:10.20 N	096:17:37.80 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:27:18	32	0	177	347	065:06:09.00 N	096:17:46.80 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:29:29	33	0	180	340	065:06:09.00 N	096:17:46.80 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:31:39	34	7	181	307	065:06:08.39 N	096:17:45.60 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:33:47	35	2	184	290	065:06:09.00 N	096:17:45.00 W
Summer	C-GLYF	915	DEPARTURE	08/14/2021 13:35:08	1	76	242	126	065:06:15.59 N	096:17:16.20 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:37:24	36	96	286	126	065:05:18.00 N	096:15:03.60 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:39:34	37	101	288	134	065:02:54.60 N	096:08:30.00 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:41:45	38	0	165	309	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	915	SCHED	08/14/2021 13:43:52	39	0	142	298	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	915	ARRIVAL	08/14/2021 13:43:58	1	0	142	298	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	915	XML_FLIGHT_SUMMARY	08/14/2021 13:43:59	0	0	0	0		
Summer	C-GLYF	916	POWER_ON	08/14/2021 14:13:14	NA	NA	NA	NA		
Summer	C-GLYF	916	SCHED	08/14/2021 14:13:52	1	0	140	336	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	916	DEPARTURE	08/14/2021 14:15:07	1	59	200	309	065:01:37.19 N	096:04:38.39 W
Summer	C-GLYF	916	SCHED	08/14/2021 14:17:14	2	94	313	309	065:03:33.59 N	096:10:06.59 W
Summer	C-GLYF	916	SCHED	08/14/2021 14:19:21	3	100	274	356	065:05:46.19 N	096:16:25.79 W
Summer	C-GLYF	916	ARRIVAL	08/14/2021 14:21:26	1	0	128	36	065:06:34.19 N	096:14:44.39 W
Summer	C-GLYF	916	XML_FLIGHT_SUMMARY	08/14/2021 14:21:27	0	0	0	0		
Summer	C-GLYF	916	SCHED	08/14/2021 14:21:36	4	0	129	36	065:06:34.19 N	096:14:44.39 W
Summer	C-GLYF	917	DEPARTURE	08/14/2021 14:22:22	2	68	173	244	065:06:31.80 N	096:15:25.79 W
Summer	C-GLYF	917	SCHED	08/14/2021 14:24:29	5	0	141	10	065:06:08.39 N	096:17:48.00 W
Summer	C-GLYF	917	ARRIVAL	08/14/2021 14:24:36	2	0	141	10	065:06:08.39 N	096:17:48.00 W
Summer	C-GLYF	917	POWER_ON	08/14/2021 15:10:04	NA	NA	NA	NA		
Summer	C-GLYF	917	SCHED	08/14/2021 15:10:45	1	0	130	290	065:06:08.39 N	096:17:48.00 W
Summer	C-GLYF	917	DEPARTURE	08/14/2021 15:11:38	1	75	201	203	065:06:06.00 N	096:18:22.19 W
Summer	C-GLYF	917	SCHED	08/14/2021 15:13:45	2	0	130	336	065:05:49.79 N	096:17:25.79 W
Summer	C-GLYF	917	ARRIVAL	08/14/2021 15:15:21	1	0	131	235	065:05:49.79 N	096:17:25.79 W
Summer	C-GLYF	917	DEPARTURE	08/14/2021 15:16:39	2	69	208	121	065:05:52.19 N	096:16:51.60 W
Summer	C-GLYF	917	SCHED	08/14/2021 15:18:47	3	117	329	129	065:03:35.39 N	096:09:48.59 W
Summer	C-GLYF	917	SCHED	08/14/2021 15:20:55	4	5	149	77	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	917	ARRIVAL	08/14/2021 15:21:49	2	0	139	83	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	917	XML_FLIGHT_SUMMARY	08/14/2021 15:21:50	0	0	0	0		
Summer	C-GLYF	918	POWER_ON	08/14/2021 15:31:52	NA	NA	NA	NA		
Summer	C-GLYF	918	SCHED	08/14/2021 15:32:30	1	0	133	23	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	918	DEPARTURE	08/14/2021 15:33:29	1	66	200	326	065:01:42.00 N	096:04:40.80 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:35:39	2	98	326	320	065:04:16.79 N	096:09:06.59 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:37:46	3	97	332	320	065:07:00.59 N	096:14:32.39 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:39:58	4	100	362	320	065:09:38.99 N	096:19:53.99 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:42:06	5	100	321	325	065:12:31.79 N	096:25:19.19 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:44:16	6	99	347	325	065:15:21.60 N	096:30:09.59 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:46:25	7	98	367	320	065:18:13.20 N	096:35:17.39 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:48:41	8	103	307	307	065:20:54.59 N	096:40:54.59 W
Summer	C-GLYF	918	SCHED	08/14/2021 15:50:57	9	95	296	310	065:23:12.00 N	096:47:57.60 W
Summer	C-GLYF	918	ARRIVAL	08/14/2021 15:52:39	1	0	154	40	065:23:46.20 N	096:49:43.80 W
Summer	C-GLYF	918	XML_FLIGHT_SUMMARY	08/14/2021 15:52:40	0	0	0	0		
Summer	C-GLYF	918	SCHED	08/14/2021 15:54:47	10	55	178	68	065:23:51.60 N	096:49:33.59 W
Summer	C-GLYF	919	DEPARTURE	08/14/2021 15:54:56	2	77	205	97	065:23:52.20 N	096:49:06.59 W
Summer	C-GLYF	919	SCHED	08/14/2021 15:57:05	11	90	306	69	065:23:30.60 N	096:40:39.59 W
Summer	C-GLYF	919	ARRIVAL	08/14/2021 15:58:50	2	0	157	47	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	919	XML_FLIGHT_SUMMARY	08/14/2021 15:58:51	0	0	0	0		
Summer	C-GLYF	919	SCHED	08/14/2021 16:00:58	12	0	153	47	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	919	SCHED	08/14/2021 16:03:10	13	0	149	251	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	920	DEPARTURE	08/14/2021 16:04:43	3	68	241	55	065:24:00.00 N	096:39:49.79 W
Summer	C-GLYF	920	SCHED	08/14/2021 16:06:52	14	104	358	280	065:25:54.59 N	096:44:46.80 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	920	SCHED	08/14/2021 16:08:59	15	1	141	26	065:26:22.80 N	096:49:53.40 W
Summer	C-GLYF	920	ARRIVAL	08/14/2021 16:09:51	3	0	139	26	065:26:22.80 N	096:49:53.40 W
Summer	C-GLYF	920	XML_FLIGHT_SUMMARY	08/14/2021 16:09:52	0	0	0	0		
Summer	C-GLYF	920	SCHED	08/14/2021 16:11:58	16	0	134	26	065:26:22.80 N	096:49:53.40 W
Summer	C-GLYF	921	DEPARTURE	08/14/2021 16:12:44	4	70	203	64	065:26:37.20 N	096:49:36.60 W
Summer	C-GLYF	921	SCHED	08/14/2021 16:14:56	17	111	383	121	065:25:20.39 N	096:41:16.19 W
Summer	C-GLYF	921	SCHED	08/14/2021 16:18:44	18	0	149	28	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	921	XML_OVERDUE_REPORT	08/14/2021 16:25:59	0	0	0	0		
Summer	C-GLYF	921	XML_FLIGHT_SUMMARY	08/14/2021 16:39:49	0	0	0	0		
Summer	C-GLYF	922	POWER_ON	08/14/2021 16:39:48	NA	NA	NA	NA		
Summer	C-GLYF	922	SCHED	08/14/2021 16:40:28	1	0	154	117	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	922	DEPARTURE	08/14/2021 16:43:04	1	71	254	244	065:23:50.40 N	096:41:13.20 W
Summer	C-GLYF	922	ARRIVAL	08/14/2021 16:44:46	1	0	144	115	065:21:11.40 N	096:41:54.59 W
Summer	C-GLYF	922	SCHED	08/14/2021 16:46:55	2	0	147	38	065:21:11.40 N	096:41:54.59 W
Summer	C-GLYF	922	XML_FLIGHT_SUMMARY	08/14/2021 16:47:36	0	0	0	0		
Summer	C-GLYF	923	DEPARTURE	08/14/2021 16:47:35	2	64	223	358	065:21:25.20 N	096:42:08.39 W
Summer	C-GLYF	923	SCHED	08/14/2021 16:49:50	3	19	179	346	065:23:53.40 N	096:40:30.00 W
Summer	C-GLYF	923	ARRIVAL	08/14/2021 16:50:48	2	0	159	5	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	923	POWER_ON	08/14/2021 18:52:19	NA	NA	NA	NA		
Summer	C-GLYF	923	SCHED	08/14/2021 18:52:56	1	0	160	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	923	SCHED	08/14/2021 18:55:06	2	0	160	48	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	923	DEPARTURE	08/14/2021 18:56:29	1	61	225	105	065:23:54.59 N	096:39:51.00 W
Summer	C-GLYF	923	SCHED	08/14/2021 18:58:40	3	0	175	30	065:21:11.40 N	096:41:55.80 W
Summer	C-GLYF	923	SCHED	08/14/2021 19:00:52	4	0	173	286	065:21:12.00 N	096:41:55.80 W
Summer	C-GLYF	923	ARRIVAL	08/14/2021 19:01:25	1	0	173	286	065:21:11.40 N	096:41:55.80 W
Summer	C-GLYF	923	XML_FLIGHT_SUMMARY	08/14/2021 19:01:26	0	0	0	0		
Summer	C-GLYF	923	SCHED	08/14/2021 19:03:34	5	0	174	286	065:21:11.40 N	096:41:55.80 W
Summer	C-GLYF	924	DEPARTURE	08/14/2021 19:06:35	2	69	217	71	065:21:19.20 N	096:41:16.79 W
Summer	C-GLYF	924	SCHED	08/14/2021 19:06:44	6	64	299	21	065:22:21.59 N	096:34:28.20 W
Summer	C-GLYF	924	ARRIVAL	08/14/2021 19:08:13	2	0	156	305	065:22:38.40 N	096:34:56.40 W
Summer	C-GLYF	924	SCHED	08/14/2021 19:10:22	7	0	158	305	065:22:38.40 N	096:34:56.40 W
Summer	C-GLYF	924	XML_FLIGHT_SUMMARY	08/14/2021 19:11:28	0	0	0	0		
Summer	C-GLYF	925	DEPARTURE	08/14/2021 19:11:27	3	68	225	304	065:22:52.79 N	096:34:58.20 W
Summer	C-GLYF	925	SCHED	08/14/2021 19:13:40	8	0	162	17	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	925	ARRIVAL	08/14/2021 19:14:24	3	0	161	17	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	925	POWER_ON	08/14/2021 19:57:40	NA	NA	NA	NA		
Summer	C-GLYF	925	SCHED	08/14/2021 19:59:25	1	57	207	61	065:23:57.00 N	096:40:00.60 W
Summer	C-GLYF	925	DEPARTURE	08/14/2021 19:59:38	1	59	226	49	065:24:00.00 N	096:39:51.00 W
Summer	C-GLYF	925	SCHED	08/14/2021 20:01:54	2	0	149	332	065:25:57.59 N	096:41:49.79 W
Summer	C-GLYF	925	ARRIVAL	08/14/2021 20:03:13	1	0	143	96	065:25:57.00 N	096:41:49.79 W
Summer	C-GLYF	925	DEPARTURE	08/14/2021 20:04:21	2	77	202	295	065:26:07.80 N	096:42:25.80 W
Summer	C-GLYF	925	SCHED	08/14/2021 20:06:29	3	69	200	192	065:26:18.60 N	096:49:52.80 W
Summer	C-GLYF	925	SCHED	08/14/2021 20:08:41	4	55	298	317	065:23:35.40 N	096:50:46.19 W
Summer	C-GLYF	925	ARRIVAL	08/14/2021 20:10:49	2	0	120	33	065:23:32.99 N	096:52:37.80 W
Summer	C-GLYF	925	XML_FLIGHT_SUMMARY	08/14/2021 20:10:50	0	0	0	0		
Summer	C-GLYF	925	SCHED	08/14/2021 20:10:59	5	0	120	33	065:23:32.99 N	096:52:37.80 W
Summer	C-GLYF	926	DEPARTURE	08/14/2021 20:12:52	3	67	177	80	065:23:37.80 N	096:51:58.79 W
Summer	C-GLYF	926	SCHED	08/14/2021 20:15:12	6	104	295	65	065:25:13.80 N	096:44:45.59 W
Summer	C-GLYF	926	ARRIVAL	08/14/2021 20:17:20	3	0	152	129	065:25:57.59 N	096:41:50.40 W
Summer	C-GLYF	926	XML_FLIGHT_SUMMARY	08/14/2021 20:17:21	0	0	0	0		
Summer	C-GLYF	926	SCHED	08/14/2021 20:17:31	7	0	152	129	065:25:57.59 N	096:41:50.40 W
Summer	C-GLYF	927	DEPARTURE	08/14/2021 20:19:17	4	61	240	100	065:26:06.59 N	096:41:26.40 W
Summer	C-GLYF	927	SCHED	08/14/2021 20:21:31	8	5	161	24	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	927	ARRIVAL	08/14/2021 20:22:30	4	0	152	65	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	927	POWER_ON	08/14/2021 21:13:55	NA	NA	NA	NA		
Summer	C-GLYF	927	SCHED	08/14/2021 21:15:02	1	52	189	80	065:23:55.79 N	096:40:13.20 W
Summer	C-GLYF	927	DEPARTURE	08/14/2021 21:15:10	1	63	226	55	065:23:59.39 N	096:39:50.40 W
Summer	C-GLYF	927	SCHED	08/14/2021 21:17:18	2	119	309	290	065:25:48.00 N	096:46:13.20 W
Summer	C-GLYF	927	SCHED	08/14/2021 21:19:29	3	0	134	355	065:26:22.80 N	096:49:54.59 W
Summer	C-GLYF	927	ARRIVAL	08/14/2021 21:19:37	1	0	134	355	065:26:22.80 N	096:49:54.59 W
Summer	C-GLYF	927	XML_FLIGHT_SUMMARY	08/14/2021 21:19:38	0	0	0	0		
Summer	C-GLYF	927	SCHED	08/14/2021 21:21:43	4	0	134	355	065:26:22.80 N	096:49:54.59 W
Summer	C-GLYF	928	DEPARTURE	08/14/2021 21:22:21	2	72	172	86	065:26:33.59 N	096:49:28.80 W
Summer	C-GLYF	928	SCHED	08/14/2021 21:25:23	5	112	419	135	065:24:40.79 N	096:40:01.79 W
Summer	C-GLYF	928	ARRIVAL	08/14/2021 21:27:16	2	0	148	37	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	928	XML_FLIGHT_SUMMARY	08/14/2021 21:27:17	0	0	0	0		
Summer	C-GLYF	929	DEPARTURE	08/14/2021 21:28:52	3	90	209	125	065:23:47.39 N	096:39:43.79 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:31:09	6	0	151	9	065:22:37.80 N	096:34:55.80 W
Summer	C-GLYF	929	ARRIVAL	08/14/2021 21:31:37	3	0	150	9	065:22:37.80 N	096:34:55.80 W
Summer	C-GLYF	929	DEPARTURE	08/14/2021 21:33:02	4	82	214	303	065:22:53.40 N	096:35:08.99 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:35:13	7	0	160	32	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	929	ARRIVAL	08/14/2021 21:36:37	4	0	157	32	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	929	DEPARTURE	08/14/2021 21:37:38	5	71	221	136	065:23:46.20 N	096:39:55.79 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:39:51	8	110	454	146	065:20:43.80 N	096:34:53.40 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:42:00	9	110	588	146	065:17:22.20 N	096:29:30.00 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:44:14	10	112	604	150	065:14:02.39 N	096:24:17.39 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:47:12	11	113	572	144	065:09:36.60 N	096:17:37.80 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:49:20	12	113	596	147	065:05:49.19 N	096:11:31.19 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:51:30	13	113	436	154	065:02:21.00 N	096:06:17.39 W
Summer	C-GLYF	929	SCHED	08/14/2021 21:53:40	14	0	134	279	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	929	ARRIVAL	08/14/2021 21:54:43	5	0	134	279	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	929	XML_FLIGHT_SUMMARY	08/14/2021 21:54:44	0	0	0	0		
Summer	C-GLYF	929	SCHED	08/14/2021 21:56:50	15	0	134	279	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	930	POWER_ON	08/14/2021 23:07:11	NA	NA	NA	NA		
Summer	C-GLYF	930	SCHED	08/14/2021 23:07:58	1	0	142	296	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	930	DEPARTURE	08/14/2021 23:09:25	1	67	197	312	065:01:37.80 N	096:04:41.99 W
Summer	C-GLYF	930	SCHED	08/14/2021 23:11:36	2	111	391	304	065:04:44.39 N	096:13:40.20 W
Summer	C-GLYF	930	SCHED	08/14/2021 23:13:45	3	0	138	121	065:06:09.59 N	096:17:47.39 W
Summer	C-GLYF	930	SCHED	08/14/2021 23:15:52	4	0	137	121	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	930	ARRIVAL	08/14/2021 23:16:18	1	0	136	121	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	930	XML_FLIGHT_SUMMARY	08/14/2021 23:16:19	0	0	0	0		
Summer	C-GLYF	930	SCHED	08/14/2021 23:18:26	5	0	136	121	065:06:09.59 N	096:17:48.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	930	SCHED	08/14/2021 23:20:36	6	0	133	121	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	930	SCHED	08/14/2021 23:22:49	7	0	133	121	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	930	SCHED	08/14/2021 23:24:57	8	0	132	121	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	930	SCHED	08/14/2021 23:27:03	9	0	132	121	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	931	DEPARTURE	08/14/2021 23:28:46	2	65	199	135	065:06:01.79 N	096:17:16.20 W
Summer	C-GLYF	931	SCHED	08/14/2021 23:30:59	10	108	394	131	065:03:48.00 N	096:10:55.20 W
Summer	C-GLYF	931	SCHED	08/14/2021 23:33:07	11	50	197	117	065:01:32.39 N	096:04:28.80 W
Summer	C-GLYF	931	ARRIVAL	08/14/2021 23:35:16	2	0	137	224	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	931	XML_FLIGHT_SUMMARY	08/14/2021 23:35:17	0	0	0	0		
Summer	C-GLYF	931	SCHED	08/14/2021 23:35:22	12	0	136	224	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	931	SCHED	08/14/2021 23:37:37	13	0	134	306	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	932	POWER_ON	08/15/2021 10:33:31	NA	NA	NA	NA		
Summer	C-GLYF	932	SCHED	08/15/2021 10:34:25	1	0	0	0	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	932	SCHED	08/15/2021 10:36:32	2	0	0	350	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	932	POWER_ON	08/15/2021 11:05:22	NA	NA	NA	NA		
Summer	C-GLYF	932	SCHED	08/15/2021 11:05:50	1	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	932	SCHED	08/15/2021 11:08:05	2	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	932	DEPARTURE	08/15/2021 11:08:16	1	93	356	308	065:02:34.20 N	096:07:07.79 W
Summer	C-GLYF	932	SCHED	08/15/2021 11:10:23	3	112	374	301	065:04:47.99 N	096:13:52.19 W
Summer	C-GLYF	932	SCHED	08/15/2021 11:12:31	4	0	153	110	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	932	ARRIVAL	08/15/2021 11:12:59	1	0	153	110	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	932	XML_FLIGHT_SUMMARY	08/15/2021 11:13:00	0	0	0	0		
Summer	C-GLYF	932	SCHED	08/15/2021 11:15:11	5	0	150	110	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	932	SCHED	08/15/2021 11:17:27	6	0	144	110	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	932	SCHED	08/15/2021 11:19:36	7	0	139	110	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	932	SCHED	08/15/2021 11:21:48	8	0	140	110	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	933	DEPARTURE	08/15/2021 11:23:39	2	68	214	129	065:06:03.59 N	096:17:11.40 W
Summer	C-GLYF	933	SCHED	08/15/2021 11:25:57	9	101	436	128	065:03:45.60 N	096:10:46.20 W
Summer	C-GLYF	933	SCHED	08/15/2021 11:28:05	10	40	178	76	065:01:24.59 N	096:04:29.39 W
Summer	C-GLYF	933	ARRIVAL	08/15/2021 11:29:13	2	0	140	47	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	933	XML_FLIGHT_SUMMARY	08/15/2021 11:29:14	0	0	0	0		
Summer	C-GLYF	934	DEPARTURE	08/15/2021 11:30:55	3	61	234	308	065:01:37.80 N	096:04:45.60 W
Summer	C-GLYF	934	SCHED	08/15/2021 11:33:10	11	94	471	309	065:03:30.00 N	096:10:13.80 W
Summer	C-GLYF	934	SCHED	08/15/2021 11:35:18	12	83	305	309	065:05:34.19 N	096:16:50.40 W
Summer	C-GLYF	934	SCHED	08/15/2021 11:37:26	13	1	176	26	065:06:09.00 N	096:17:46.80 W
Summer	C-GLYF	934	SCHED	08/15/2021 11:39:34	14	79	367	130	065:04:50.40 N	096:13:44.39 W
Summer	C-GLYF	934	SCHED	08/15/2021 11:42:30	15	84	435	137	065:02:32.39 N	096:06:59.39 W
Summer	C-GLYF	934	SCHED	08/15/2021 11:45:33	16	12	192	55	065:01:25.79 N	096:04:19.79 W
Summer	C-GLYF	934	ARRIVAL	08/15/2021 11:47:06	3	0	142	205	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	934	XML_FLIGHT_SUMMARY	08/15/2021 11:47:07	0	0	0	0		
Summer	C-GLYF	935	POWER_ON	08/15/2021 11:59:21	NA	NA	NA	NA		
Summer	C-GLYF	935	SCHED	08/15/2021 11:59:59	1	0	143	338	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:02:08	2	53	236	320	065:01:35.40 N	096:04:25.80 W
Summer	C-GLYF	935	DEPARTURE	08/15/2021 12:02:14	1	55	247	321	065:01:37.80 N	096:04:31.20 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:04:22	3	81	387	322	065:03:45.00 N	096:08:04.19 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:06:29	4	82	400	325	065:06:06.59 N	096:12:22.80 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:08:37	5	87	386	327	065:08:37.19 N	096:16:20.99 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:10:44	6	86	476	324	065:11:04.80 N	096:20:17.39 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:12:54	7	89	594	327	065:13:32.99 N	096:24:24.59 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:15:04	8	84	589	326	065:16:17.39 N	096:28:43.79 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:17:13	9	83	621	326	065:18:43.80 N	096:32:52.80 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:19:22	10	80	544	329	065:21:12.00 N	096:36:52.80 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:21:29	11	50	299	341	065:23:34.79 N	096:40:25.20 W
Summer	C-GLYF	935	SCHED	08/15/2021 12:24:00	12	0	165	42	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	935	ARRIVAL	08/15/2021 12:24:17	1	0	165	42	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	935	XML_FLIGHT_SUMMARY	08/15/2021 12:24:18	0	0	0	0		
Summer	C-GLYF	935	SCHED	08/15/2021 12:26:24	13	40	177	105	065:23:53.99 N	096:40:22.19 W
Summer	C-GLYF	936	DEPARTURE	08/15/2021 12:26:43	2	68	232	148	065:23:46.20 N	096:39:55.20 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:28:50	14	2	162	288	065:22:38.40 N	096:34:55.80 W
Summer	C-GLYF	936	ARRIVAL	08/15/2021 12:29:44	2	0	160	288	065:22:38.40 N	096:34:55.80 W
Summer	C-GLYF	936	DEPARTURE	08/15/2021 12:31:45	3	69	227	299	065:22:52.20 N	096:34:59.39 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:33:50	15	0	164	43	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	936	ARRIVAL	08/15/2021 12:34:38	3	0	161	43	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:36:49	16	0	154	43	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:38:56	17	51	186	71	065:23:55.79 N	096:40:11.99 W
Summer	C-GLYF	936	DEPARTURE	08/15/2021 12:39:08	4	69	216	53	065:24:00.00 N	096:39:49.79 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:41:18	18	51	253	218	065:25:40.20 N	096:36:16.79 W
Summer	C-GLYF	936	ARRIVAL	08/15/2021 12:42:49	4	0	166	292	065:25:44.99 N	096:36:34.19 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:44:59	19	0	165	292	065:25:44.99 N	096:36:34.19 W
Summer	C-GLYF	936	DEPARTURE	08/15/2021 12:46:22	5	70	223	187	065:25:35.40 N	096:36:58.20 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:48:36	20	38	245	56	065:22:11.40 N	096:34:45.60 W
Summer	C-GLYF	936	SCHED	08/15/2021 12:50:48	21	73	273	302	065:23:31.19 N	096:40:07.80 W
Summer	C-GLYF	936	ARRIVAL	08/15/2021 12:52:21	5	0	163	54	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	936	XML_FLIGHT_SUMMARY	08/15/2021 12:52:22	0	0	0	0		
Summer	C-GLYF	937	POWER_ON	08/15/2021 15:56:35	NA	NA	NA	NA		
Summer	C-GLYF	937	SCHED	08/15/2021 15:57:15	1	0	0	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	937	DEPARTURE	08/15/2021 15:58:08	1	55	0	82	065:24:01.19 N	096:39:57.00 W
Summer	C-GLYF	937	SCHED	08/15/2021 16:00:15	2	0	0	0	065:22:49.20 N	096:36:20.40 W
Summer	C-GLYF	937	SCHED	08/15/2021 16:02:33	3	0	169	143	065:22:38.40 N	096:34:56.99 W
Summer	C-GLYF	937	SCHED	08/15/2021 16:04:38	4	0	173	228	065:22:37.80 N	096:34:55.80 W
Summer	C-GLYF	937	ARRIVAL	08/15/2021 16:05:09	1	0	173	228	065:22:37.80 N	096:34:55.80 W
Summer	C-GLYF	937	XML_FLIGHT_SUMMARY	08/15/2021 16:05:10	0	0	0	0		
Summer	C-GLYF	938	DEPARTURE	08/15/2021 16:06:18	2	60	212	298	065:22:50.99 N	096:35:01.79 W
Summer	C-GLYF	938	SCHED	08/15/2021 16:08:27	5	94	486	302	065:24:52.20 N	096:40:22.80 W
Summer	C-GLYF	938	SCHED	08/15/2021 16:10:39	6	101	424	292	065:26:34.20 N	096:47:48.00 W
Summer	C-GLYF	938	SCHED	08/15/2021 16:12:49	7	0	101	359	065:27:29.40 N	096:53:26.39 W
Summer	C-GLYF	938	ARRIVAL	08/15/2021 16:13:32	2	0	100	359	065:27:29.40 N	096:53:26.39 W
Summer	C-GLYF	938	XML_FLIGHT_SUMMARY	08/15/2021 16:13:33	0	0	0	0		
Summer	C-GLYF	938	SCHED	08/15/2021 16:15:41	8	0	99	359	065:27:29.40 N	096:53:25.80 W
Summer	C-GLYF	939	DEPARTURE	08/15/2021 16:17:27	3	77	174	100	065:27:34.79 N	096:52:42.60 W
Summer	C-GLYF	939	SCHED	08/15/2021 16:19:40	9	109	446	118	065:25:49.79 N	096:44:40.20 W
Summer	C-GLYF	939	SCHED	08/15/2021 16:21:54	10	44	211	320	065:23:46.20 N	096:40:32.39 W
Summer	C-GLYF	939	ARRIVAL	08/15/2021 16:23:19	3	0	156	34	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	939	XML_FLIGHT_SUMMARY	08/15/2021 16:23:20	0	0	0	0		
Summer	C-GLYF	940	POWER_ON	08/15/2021 16:37:15	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	940	SCHED	08/15/2021 16:38:14	1	0	164	250	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	940	DEPARTURE	08/15/2021 16:38:50	1	77	234	123	065:23:50.40 N	096:39:47.99 W
Summer	C-GLYF	940	SCHED	08/15/2021 16:41:02	2	116	499	152	065:20:24.59 N	096:35:04.20 W
Summer	C-GLYF	940	SCHED	08/15/2021 16:43:21	3	117	624	152	065:16:37.80 N	096:30:20.99 W
Summer	C-GLYF	940	SCHED	08/15/2021 16:46:15	4	120	509	153	065:11:29.40 N	096:24:15.59 W
Summer	C-GLYF	940	SCHED	08/15/2021 16:48:31	5	114	343	161	065:07:08.39 N	096:19:15.60 W
Summer	C-GLYF	940	ARRIVAL	08/15/2021 16:50:33	1	0	145	74	065:06:09.59 N	096:17:47.39 W
Summer	C-GLYF	940	XML_FLIGHT_SUMMARY	08/15/2021 16:50:34	0	0	0	0		
Summer	C-GLYF	940	SCHED	08/15/2021 16:50:40	6	0	145	74	065:06:09.59 N	096:17:47.39 W
Summer	C-GLYF	940	POWER_ON	08/15/2021 18:10:29	NA	NA	NA	NA		
Summer	C-GLYF	940	SCHED	08/15/2021 18:11:18	1	0	139	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	940	DEPARTURE	08/15/2021 18:11:52	1	59	195	313	065:01:38.39 N	096:04:46.19 W
Summer	C-GLYF	940	SCHED	08/15/2021 18:14:01	2	95	329	308	065:03:37.19 N	096:09:43.20 W
Summer	C-GLYF	940	SCHED	08/15/2021 18:16:10	3	99	298	303	065:05:40.80 N	096:16:05.40 W
Summer	C-GLYF	940	ARRIVAL	08/15/2021 18:17:55	1	0	141	160	065:06:10.20 N	096:17:13.20 W
Summer	C-GLYF	940	DEPARTURE	08/15/2021 18:19:14	2	67	216	97	065:06:20.39 N	096:16:57.60 W
Summer	C-GLYF	940	SCHED	08/15/2021 18:21:22	4	110	478	127	065:03:51.60 N	096:10:14.39 W
Summer	C-GLYF	940	SCHED	08/15/2021 18:23:32	5	95	361	166	065:01:37.80 N	096:03:11.99 W
Summer	C-GLYF	940	ARRIVAL	08/15/2021 18:25:32	2	0	136	337	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	941	DEPARTURE	08/15/2021 16:52:12	2	73	227	131	065:06:01.79 N	096:17:09.59 W
Summer	C-GLYF	941	SCHED	08/15/2021 16:54:36	7	116	479	130	065:03:38.39 N	096:10:31.79 W
Summer	C-GLYF	941	SCHED	08/15/2021 16:58:28	8	0	144	74	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	941	XML_OVERDUE_REPORT	08/15/2021 17:05:46	0	0	0	0		
Summer	C-GLYF	941	POWER_ON	08/15/2021 18:48:59	NA	NA	NA	NA		
Summer	C-GLYF	941	DEPARTURE	08/15/2021 18:50:18	1	62	198	308	065:01:37.19 N	096:04:39.60 W
Summer	C-GLYF	941	SCHED	08/15/2021 18:52:26	2	39	199	357	065:01:45.59 N	096:09:38.40 W
Summer	C-GLYF	941	SCHED	08/15/2021 18:54:32	3	0	151	24	065:01:51.60 N	096:09:30.60 W
Summer	C-GLYF	941	SCHED	08/15/2021 18:57:22	4	49	237	319	065:02:03.60 N	096:09:50.40 W
Summer	C-GLYF	941	SCHED	08/15/2021 18:59:31	5	69	320	323	065:03:57.60 N	096:13:22.80 W
Summer	C-GLYF	941	SCHED	08/15/2021 19:01:40	6	50	306	321	065:05:46.19 N	096:17:15.60 W
Summer	C-GLYF	941	SCHED	08/15/2021 19:03:47	7	1	185	112	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	941	SCHED	08/15/2021 19:06:01	8	98	318	144	065:05:10.79 N	096:15:35.40 W
Summer	C-GLYF	941	SCHED	08/15/2021 19:08:12	9	100	312	142	065:02:13.20 N	096:10:35.99 W
Summer	C-GLYF	941	SCHED	08/15/2021 19:10:20	10	1	189	74	065:01:52.19 N	096:09:31.19 W
Summer	C-GLYF	941	ARRIVAL	08/15/2021 19:11:54	1	0	154	49	065:01:51.60 N	096:09:31.19 W
Summer	C-GLYF	941	XML_FLIGHT_SUMMARY	08/15/2021 19:11:55	0	0	0	0		
Summer	C-GLYF	941	SCHED	08/15/2021 19:14:04	11	0	151	17	065:01:51.60 N	096:09:30.60 W
Summer	C-GLYF	942	DEPARTURE	08/15/2021 19:15:33	2	66	210	320	065:02:04.19 N	096:09:57.60 W
Summer	C-GLYF	942	SCHED	08/15/2021 19:17:40	12	99	334	316	065:04:43.80 N	096:14:54.60 W
Summer	C-GLYF	942	SCHED	08/15/2021 19:20:27	13	0	143	81	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	942	ARRIVAL	08/15/2021 19:21:34	2	0	142	81	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	942	XML_FLIGHT_SUMMARY	08/15/2021 19:21:35	0	0	0	0		
Summer	C-GLYF	942	SCHED	08/15/2021 19:23:43	14	1	135	84	065:06:09.59 N	096:17:37.19 W
Summer	C-GLYF	943	DEPARTURE	08/15/2021 19:25:25	3	68	200	213	065:06:13.79 N	096:17:50.39 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:27:52	15	1	156	86	065:06:09.59 N	096:17:37.80 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:29:59	16	0	180	312	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:32:04	17	36	196	224	065:06:10.20 N	096:17:27.60 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:35:07	18	0	183	41	065:06:15.59 N	096:17:16.20 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:37:15	19	1	183	178	065:06:15.00 N	096:17:16.79 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:39:22	20	0	171	1	065:06:10.20 N	096:17:36.59 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:41:35	21	4	168	66	065:06:10.20 N	096:17:36.00 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:43:44	22	0	165	11	065:06:10.20 N	096:17:37.19 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:45:52	23	3	173	156	065:06:14.39 N	096:17:16.79 W
Summer	C-GLYF	943	SCHED	08/15/2021 19:47:58	24	33	153	73	065:06:11.40 N	096:17:23.40 W
Summer	C-GLYF	943	ARRIVAL	08/15/2021 19:49:10	3	0	135	21	065:06:13.79 N	096:17:16.20 W
Summer	C-GLYF	943	POWER_ON	08/15/2021 20:54:42	NA	NA	NA	NA		
Summer	C-GLYF	943	SCHED	08/15/2021 20:55:19	1	0	151	0	065:06:14.39 N	096:17:15.60 W
Summer	C-GLYF	943	SCHED	08/15/2021 20:57:25	2	0	140	129	065:06:09.00 N	096:17:48.60 W
Summer	C-GLYF	943	SCHED	08/15/2021 20:59:53	3	0	141	129	065:06:09.00 N	096:17:48.60 W
Summer	C-GLYF	943	DEPARTURE	08/15/2021 21:00:56	1	71	203	133	065:06:08.39 N	096:17:09.59 W
Summer	C-GLYF	943	SCHED	08/15/2021 21:03:12	4	125	342	148	065:02:31.19 N	096:11:30.60 W
Summer	C-GLYF	943	ARRIVAL	08/15/2021 21:05:07	1	0	150	60	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	943	XML_FLIGHT_SUMMARY	08/15/2021 21:05:08	0	0	0	0		
Summer	C-GLYF	944	DEPARTURE	08/15/2021 21:05:49	2	67	211	30	065:02:07.19 N	096:09:19.19 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:08:42	5	0	143	38	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	944	ARRIVAL	08/15/2021 21:09:53	2	0	142	38	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	944	POWER_ON	08/15/2021 21:17:07	NA	NA	NA	NA		
Summer	C-GLYF	944	SCHED	08/15/2021 21:18:19	1	1	161	21	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	944	DEPARTURE	08/15/2021 21:18:38	1	72	231	317	065:01:40.20 N	096:04:47.40 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:20:46	2	2	185	52	065:01:51.60 N	096:09:28.19 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:22:53	3	75	260	320	065:03:09.59 N	096:11:41.99 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:24:59	4	80	249	317	065:05:11.40 N	096:15:56.99 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:28:43	5	98	323	143	065:04:56.99 N	096:15:19.79 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:31:01	6	18	213	38	065:01:49.80 N	096:09:30.00 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:33:08	7	76	274	320	065:02:55.19 N	096:11:30.00 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:35:15	8	86	288	316	065:05:04.20 N	096:15:49.19 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:37:21	9	1	175	38	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:39:31	10	98	345	144	065:03:53.99 N	096:13:28.79 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:41:39	11	5	190	37	065:01:50.99 N	096:09:27.60 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:43:50	12	99	305	147	065:01:49.80 N	096:05:55.80 W
Summer	C-GLYF	944	SCHED	08/15/2021 21:46:00	13	0	141	309	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	944	ARRIVAL	08/15/2021 21:46:42	1	0	140	309	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	944	XML_FLIGHT_SUMMARY	08/15/2021 21:46:43	0	0	0	0		
Summer	C-GLYF	945	POWER_ON	08/15/2021 21:55:41	NA	NA	NA	NA		
Summer	C-GLYF	945	SCHED	08/15/2021 21:56:20	1	0	135	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	945	DEPARTURE	08/15/2021 21:57:08	1	65	204	309	065:01:37.80 N	096:04:38.99 W
Summer	C-GLYF	945	SCHED	08/15/2021 21:59:17	2	93	450	324	065:04:11.99 N	096:09:01.20 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:01:24	3	97	501	323	065:06:54.59 N	096:13:56.99 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:03:33	4	98	526	318	065:09:32.99 N	096:15:08.99 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:05:43	5	99	605	321	065:12:16.80 N	096:24:18.60 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:07:54	6	97	599	326	065:15:07.19 N	096:29:35.40 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:10:01	7	102	653	327	065:17:59.40 N	096:34:47.40 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:12:20	8	99	541	321	065:20:52.80 N	096:39:46.20 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:14:30	9	103	641	319	065:23:43.80 N	096:45:28.20 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:16:40	10	99	358	321	065:26:15.60 N	096:52:28.20 W
Summer	C-GLYF	945	SCHED	08/15/2021 22:19:02	11	0	96	321	065:27:29.99 N	096:53:26.39 W
Summer	C-GLYF	945	ARRIVAL	08/15/2021 22:19:08	1	0	96	321	065:27:29.99 N	096:53:26.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	945	XML_FLIGHT_SUMMARY	08/15/2021 22:19:09	0	0	0	0		
Summer	C-GLYF	945	SCHED	08/15/2021 22:21:17	12	0	96	321	065:27:29.99 N	096:53:25.80 W
Summer	C-GLYF	946	DEPARTURE	08/15/2021 22:23:11	2	82	163	121	065:27:32.99 N	096:52:46.19 W
Summer	C-GLYF	946	SCHED	08/15/2021 22:25:21	13	120	438	128	065:24:49.79 N	096:46:04.19 W
Summer	C-GLYF	946	SCHED	08/15/2021 22:27:29	14	0	155	13	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	946	ARRIVAL	08/15/2021 22:28:10	2	0	155	13	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	946	XML_FLIGHT_SUMMARY	08/15/2021 22:28:11	0	0	0	0		
Summer	C-GLYF	946	SCHED	08/15/2021 22:30:21	15	0	157	13	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	947	DEPARTURE	08/15/2021 22:30:57	3	62	218	53	065:23:59.39 N	096:39:48.59 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:33:04	16	2	157	52	065:25:44.99 N	096:36:33.00 W
Summer	C-GLYF	947	ARRIVAL	08/15/2021 22:34:07	3	0	152	300	065:25:44.99 N	096:36:33.60 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:36:15	17	0	150	300	065:25:44.99 N	096:36:33.60 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:38:29	18	65	188	239	065:25:44.40 N	096:36:55.80 W
Summer	C-GLYF	947	DEPARTURE	08/15/2021 22:38:37	4	84	217	206	065:25:36.60 N	096:37:11.39 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:40:46	19	0	153	19	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	947	ARRIVAL	08/15/2021 22:41:19	4	0	152	19	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	947	DEPARTURE	08/15/2021 22:42:50	5	74	241	126	065:23:49.79 N	096:39:47.39 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:44:58	20	117	549	146	065:20:39.00 N	096:34:25.80 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:47:08	21	124	641	147	065:17:00.60 N	096:28:42.60 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:49:23	22	125	642	146	065:13:13.19 N	096:22:47.99 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:51:30	23	127	630	144	065:09:20.39 N	096:16:36.00 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:53:36	24	122	627	143	065:05:53.99 N	096:10:22.80 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:55:45	25	120	624	135	065:02:31.79 N	096:04:02.39 W
Summer	C-GLYF	947	SCHED	08/15/2021 22:57:52	26	0	141	6	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	947	ARRIVAL	08/15/2021 22:58:36	5	0	140	6	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	947	XML_FLIGHT_SUMMARY	08/15/2021 22:58:37	0	0	0	0		
Summer	C-GLYF	948	POWER_ON	08/15/2021 23:06:16	NA	NA	NA	NA		
Summer	C-GLYF	948	SCHED	08/15/2021 23:06:46	1	0	142	58	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	948	DEPARTURE	08/15/2021 23:08:06	1	60	178	302	065:01:33.59 N	096:04:45.00 W
Summer	C-GLYF	948	SCHED	08/15/2021 23:10:13	2	95	356	308	065:04:11.40 N	096:12:04.19 W
Summer	C-GLYF	948	SCHED	08/15/2021 23:12:20	3	32	186	351	065:06:04.79 N	096:17:55.20 W
Summer	C-GLYF	948	ARRIVAL	08/15/2021 23:13:40	1	0	136	58	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	948	XML_FLIGHT_SUMMARY	08/15/2021 23:13:41	0	0	0	0		
Summer	C-GLYF	948	SCHED	08/15/2021 23:15:51	4	0	134	58	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	948	SCHED	08/15/2021 23:18:09	5	0	133	58	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	948	SCHED	08/15/2021 23:20:19	6	0	133	58	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	948	SCHED	08/15/2021 23:22:27	7	19	134	60	065:06:10.20 N	096:17:46.19 W
Summer	C-GLYF	949	DEPARTURE	08/15/2021 23:22:54	2	71	206	133	065:06:04.20 N	096:17:11.40 W
Summer	C-GLYF	949	SCHED	08/15/2021 23:25:04	8	116	413	130	065:03:34.20 N	096:10:00.00 W
Summer	C-GLYF	949	SCHED	08/15/2021 23:27:12	9	0	137	60	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	949	ARRIVAL	08/15/2021 23:27:56	2	0	135	60	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	949	XML_FLIGHT_SUMMARY	08/15/2021 23:27:57	0	0	0	0		
Summer	C-GLYF	950	DEPARTURE	08/15/2021 23:29:08	3	54	216	325	065:01:39.59 N	096:04:42.60 W
Summer	C-GLYF	950	SCHED	08/15/2021 23:31:15	10	86	313	219	065:01:23.40 N	096:02:19.20 W
Summer	C-GLYF	950	ARRIVAL	08/15/2021 23:33:26	3	0	132	82	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	950	SCHED	08/15/2021 23:33:33	11	0	132	82	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	950	POWER_ON	08/16/2021 11:10:45	NA	NA	NA	NA		
Summer	C-GLYF	950	SCHED	08/16/2021 11:11:51	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	950	SCHED	08/16/2021 11:14:12	2	1	140	46	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	950	DEPARTURE	08/16/2021 11:14:26	1	63	174	307	065:01:38.39 N	096:04:49.79 W
Summer	C-GLYF	950	SCHED	08/16/2021 11:16:37	3	99	287	307	065:03:38.39 N	096:10:40.80 W
Summer	C-GLYF	950	SCHED	08/16/2021 11:18:44	4	91	221	308	065:05:50.40 N	096:17:37.80 W
Summer	C-GLYF	950	ARRIVAL	08/16/2021 11:20:19	1	0	134	174	065:06:09.00 N	096:17:48.60 W
Summer	C-GLYF	950	XML_FLIGHT_SUMMARY	08/16/2021 11:20:20	0	0	0	0		
Summer	C-GLYF	950	SCHED	08/16/2021 11:22:27	5	0	135	174	065:06:09.00 N	096:17:48.60 W
Summer	C-GLYF	950	SCHED	08/16/2021 11:24:34	6	0	136	174	065:06:09.59 N	096:17:48.60 W
Summer	C-GLYF	950	SCHED	08/16/2021 11:26:51	7	61	187	115	065:06:12.00 N	096:17:21.59 W
Summer	C-GLYF	951	DEPARTURE	08/16/2021 11:26:58	2	72	218	130	065:06:08.39 N	096:17:10.80 W
Summer	C-GLYF	951	SCHED	08/16/2021 11:29:06	8	117	284	129	065:03:27.00 N	096:09:35.40 W
Summer	C-GLYF	951	SCHED	08/16/2021 11:31:14	9	0	126	87	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	951	ARRIVAL	08/16/2021 11:32:00	2	0	126	87	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	951	XML_FLIGHT_SUMMARY	08/16/2021 11:32:01	0	0	0	0		
Summer	C-GLYF	952	DEPARTURE	08/16/2021 11:33:45	3	65	214	310	065:01:38.39 N	096:04:47.40 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:35:52	10	4	181	21	065:01:51.60 N	096:09:26.39 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:38:01	11	60	229	321	065:02:11.99 N	096:10:06.00 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:40:56	12	78	310	322	065:04:38.39 N	096:15:00.60 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:43:03	13	0	175	38	065:06:09.00 N	096:17:46.80 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:45:16	14	50	230	119	065:06:08.39 N	096:17:25.20 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:47:32	15	90	315	129	065:04:18.00 N	096:11:45.00 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:49:38	16	89	284	145	065:02:12.60 N	096:05:56.40 W
Summer	C-GLYF	952	SCHED	08/16/2021 11:51:52	17	24	199	27	065:01:25.20 N	096:04:24.59 W
Summer	C-GLYF	952	ARRIVAL	08/16/2021 11:53:25	3	0	151	152	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	952	XML_FLIGHT_SUMMARY	08/16/2021 11:53:26	0	0	0	0		
Summer	C-GLYF	952	SCHED	08/16/2021 11:55:35	18	0	150	152	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	953	POWER_ON	08/16/2021 13:09:49	NA	NA	NA	NA		
Summer	C-GLYF	953	SCHED	08/16/2021 13:10:55	1	11	156	338	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	953	DEPARTURE	08/16/2021 13:11:12	1	59	228	340	065:01:40.20 N	096:04:44.39 W
Summer	C-GLYF	953	SCHED	08/16/2021 13:13:22	2	92	522	328	065:04:10.79 N	096:08:49.20 W
Summer	C-GLYF	953	SCHED	08/16/2021 13:15:29	3	98	616	326	065:07:03.59 N	096:13:20.99 W
Summer	C-GLYF	953	SCHED	08/16/2021 13:17:40	4	102	565	328	065:10:03.00 N	096:17:57.60 W
Summer	C-GLYF	953	SCHED	08/16/2021 13:19:52	5	98	571	339	065:13:09.60 N	096:22:20.40 W
Summer	C-GLYF	953	SCHED	08/16/2021 13:22:00	6	22	181	344	065:15:38.39 N	096:24:58.79 W
Summer	C-GLYF	953	ARRIVAL	08/16/2021 13:23:10	1	0	164	60	065:15:42.59 N	096:25:00.60 W
Summer	C-GLYF	953	XML_FLIGHT_SUMMARY	08/16/2021 13:23:11	0	0	0	0		
Summer	C-GLYF	954	DEPARTURE	08/16/2021 13:24:52	2	64	228	320	065:15:55.80 N	096:25:28.19 W
Summer	C-GLYF	954	SCHED	08/16/2021 13:27:02	7	104	437	322	065:18:35.39 N	096:30:36.00 W
Summer	C-GLYF	954	SCHED	08/16/2021 13:30:06	8	106	369	319	065:22:15.00 N	096:37:49.20 W
Summer	C-GLYF	954	SCHED	08/16/2021 13:32:13	9	0	162	353	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	954	ARRIVAL	08/16/2021 13:32:20	2	0	162	353	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	954	XML_FLIGHT_SUMMARY	08/16/2021 13:32:21	0	0	0	0		
Summer	C-GLYF	954	SCHED	08/16/2021 13:34:28	10	0	159	353	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	954	SCHED	08/16/2021 13:36:46	11	0	158	353	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	955	DEPARTURE	08/16/2021 13:37:37	3	70	227	126	065:23:49.79 N	096:39:49.20 W
Summer	C-GLYF	955	SCHED	08/16/2021 13:39:52	12	107	388	147	065:20:47.99 N	096:34:25.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	955	SCHED	08/16/2021 13:42:00	13	110	471	149	065:17:22.79 N	096:29:17.39 W
Summer	C-GLYF	955	SCHED	08/16/2021 13:46:04	14	121	612	149	065:11:13.80 N	096:20:10.79 W
Summer	C-GLYF	955	SCHED	08/16/2021 13:46:17	15	121	603	148	065:10:38.99 N	096:19:20.40 W
Summer	C-GLYF	955	SCHED	08/16/2021 13:49:16	16	92	280	201	065:06:18.59 N	096:13:25.20 W
Summer	C-GLYF	955	ARRIVAL	08/16/2021 13:51:04	3	0	115	101	065:06:10.20 N	096:13:10.20 W
Summer	C-GLYF	955	XML_FLIGHT_SUMMARY	08/16/2021 13:51:05	0	0	0	0		
Summer	C-GLYF	955	SCHED	08/16/2021 13:53:12	17	0	110	101	065:06:10.20 N	096:13:10.20 W
Summer	C-GLYF	956	DEPARTURE	08/16/2021 13:54:06	4	57	188	140	065:05:56.40 N	096:12:51.59 W
Summer	C-GLYF	956	SCHED	08/16/2021 13:56:14	18	97	406	133	065:03:27.59 N	096:07:41.99 W
Summer	C-GLYF	956	SCHED	08/16/2021 13:58:26	19	52	299	283	065:01:14.99 N	096:03:22.19 W
Summer	C-GLYF	956	ARRIVAL	08/16/2021 14:00:09	4	0	140	231	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	956	XML_FLIGHT_SUMMARY	08/16/2021 14:00:10	0	0	0	0		
Summer	C-GLYF	957	POWER_ON	08/16/2021 14:05:33	NA	NA	NA	NA		
Summer	C-GLYF	957	SCHED	08/16/2021 14:06:21	1	0	138	199	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	957	SCHED	08/16/2021 14:08:39	2	0	143	327	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	957	POWER_ON	08/16/2021 18:23:06	NA	NA	NA	NA		
Summer	C-GLYF	957	SCHED	08/16/2021 18:24:43	1	56	0	319	065:01:42.59 N	096:04:47.40 W
Summer	C-GLYF	957	DEPARTURE	08/16/2021 18:24:51	1	61	0	320	065:01:48.60 N	096:04:58.20 W
Summer	C-GLYF	957	SCHED	08/16/2021 18:27:00	2	101	259	307	065:03:53.40 N	096:11:22.19 W
Summer	C-GLYF	957	SCHED	08/16/2021 18:29:10	3	44	184	11	065:06:06.00 N	096:18:01.79 W
Summer	C-GLYF	957	ARRIVAL	08/16/2021 18:30:19	1	0	136	163	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	957	XML_FLIGHT_SUMMARY	08/16/2021 18:30:20	0	0	0	0		
Summer	C-GLYF	958	DEPARTURE	08/16/2021 18:31:16	2	68	186	87	065:06:10.79 N	096:17:07.80 W
Summer	C-GLYF	958	SCHED	08/16/2021 18:34:05	4	0	116	102	065:06:09.59 N	096:13:10.20 W
Summer	C-GLYF	958	ARRIVAL	08/16/2021 18:34:13	2	0	116	102	065:06:09.59 N	096:13:10.20 W
Summer	C-GLYF	958	SCHED	08/16/2021 18:36:21	5	0	113	102	065:06:09.59 N	096:13:10.80 W
Summer	C-GLYF	958	DEPARTURE	08/16/2021 18:38:16	3	64	205	137	065:06:01.20 N	096:12:36.59 W
Summer	C-GLYF	958	SCHED	08/16/2021 18:40:25	6	107	480	132	065:03:18.00 N	096:06:20.40 W
Summer	C-GLYF	958	SCHED	08/16/2021 18:42:34	7	19	177	298	065:01:25.79 N	096:04:05.99 W
Summer	C-GLYF	958	ARRIVAL	08/16/2021 18:43:50	3	0	142	261	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	958	XML_FLIGHT_SUMMARY	08/16/2021 18:43:51	0	0	0	0		
Summer	C-GLYF	958	SCHED	08/16/2021 18:45:56	8	0	142	261	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	958	SCHED	08/16/2021 18:48:07	9	0	143	305	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	959	POWER_ON	08/16/2021 20:43:40	NA	NA	NA	NA		
Summer	C-GLYF	959	SCHED	08/16/2021 20:44:16	1	0	146	352	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	959	DEPARTURE	08/16/2021 20:45:31	1	62	207	324	065:01:40.20 N	096:04:45.60 W
Summer	C-GLYF	959	SCHED	08/16/2021 20:47:39	2	87	478	325	065:04:21.59 N	096:08:53.99 W
Summer	C-GLYF	959	SCHED	08/16/2021 20:49:50	3	102	610	328	065:07:19.20 N	096:13:13.19 W
Summer	C-GLYF	959	SCHED	08/16/2021 20:51:59	4	103	577	328	065:10:31.19 N	096:17:51.60 W
Summer	C-GLYF	959	SCHED	08/16/2021 20:54:07	5	94	605	331	065:13:29.40 N	096:22:25.80 W
Summer	C-GLYF	959	SCHED	08/16/2021 20:56:14	6	53	296	6	065:16:01.80 N	096:24:28.80 W
Summer	C-GLYF	959	SCHED	08/16/2021 20:58:30	7	20	148	44	065:16:17.99 N	096:23:34.19 W
Summer	C-GLYF	959	ARRIVAL	08/16/2021 20:59:18	1	0	127	19	065:16:19.20 N	096:23:31.79 W
Summer	C-GLYF	959	XML_FLIGHT_SUMMARY	08/16/2021 20:59:19	0	0	0	0		
Summer	C-GLYF	960	DEPARTURE	08/16/2021 21:01:03	2	59	221	227	065:16:18.59 N	096:24:04.79 W
Summer	C-GLYF	960	ARRIVAL	08/16/2021 21:03:09	2	0	175	11	065:15:51.60 N	096:25:10.80 W
Summer	C-GLYF	960	SCHED	08/16/2021 21:03:21	8	0	175	11	065:15:51.60 N	096:25:10.80 W
Summer	C-GLYF	960	DEPARTURE	08/16/2021 21:04:24	3	45	212	77	065:15:49.80 N	096:24:35.99 W
Summer	C-GLYF	960	ARRIVAL	08/16/2021 21:05:52	3	0	173	69	065:15:58.19 N	096:24:21.60 W
Summer	C-GLYF	960	DEPARTURE	08/16/2021 21:08:08	4	57	258	92	065:16:10.19 N	096:24:06.59 W
Summer	C-GLYF	960	SCHED	08/16/2021 21:10:19	9	114	595	150	065:11:25.79 N	096:17:39.00 W
Summer	C-GLYF	960	SCHED	08/16/2021 21:12:27	10	114	619	150	065:07:49.20 N	096:12:51.59 W
Summer	C-GLYF	960	SCHED	08/16/2021 21:14:37	11	119	584	154	065:04:11.99 N	096:08:08.40 W
Summer	C-GLYF	960	SCHED	08/16/2021 21:16:45	12	12	155	50	065:01:27.00 N	096:04:19.79 W
Summer	C-GLYF	960	ARRIVAL	08/16/2021 21:17:40	4	0	139	62	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	960	XML_FLIGHT_SUMMARY	08/16/2021 21:17:41	0	0	0	0		
Summer	C-GLYF	960	SCHED	08/16/2021 21:19:46	13	0	139	62	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	961	DEPARTURE	08/16/2021 21:21:33	5	65	247	313	065:01:39.00 N	096:04:52.80 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:23:39	14	93	447	304	065:03:46.19 N	096:11:06.00 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:25:51	15	75	338	305	065:05:37.80 N	096:17:16.20 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:27:59	16	1	181	95	065:06:09.00 N	096:17:46.80 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:30:07	17	89	427	124	065:05:07.20 N	096:14:01.80 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:32:17	18	77	450	129	065:03:17.39 N	096:08:07.19 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:34:28	19	29	204	58	065:01:16.79 N	096:04:39.60 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:36:39	20	1	140	170	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	961	SCHED	08/16/2021 21:38:46	21	0	137	306	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	961	ARRIVAL	08/16/2021 21:39:48	5	0	136	306	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	961	XML_FLIGHT_SUMMARY	08/16/2021 21:39:49	0	0	0	0		
Summer	C-GLYF	962	POWER_ON	08/16/2021 23:01:04	NA	NA	NA	NA		
Summer	C-GLYF	962	SCHED	08/16/2021 23:01:41	1	0	140	290	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	962	DEPARTURE	08/16/2021 23:02:24	1	64	182	329	065:01:40.80 N	096:04:21.00 W
Summer	C-GLYF	962	SCHED	08/16/2021 23:04:31	2	107	397	307	065:03:41.99 N	096:10:28.19 W
Summer	C-GLYF	962	SCHED	08/16/2021 23:06:42	3	77	239	308	065:05:52.80 N	096:17:37.19 W
Summer	C-GLYF	962	ARRIVAL	08/16/2021 23:08:06	1	0	138	183	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	962	XML_FLIGHT_SUMMARY	08/16/2021 23:08:07	0	0	0	0		
Summer	C-GLYF	962	SCHED	08/16/2021 23:10:13	4	0	132	183	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	962	SCHED	08/16/2021 23:12:22	5	1	132	44	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	962	SCHED	08/16/2021 23:14:29	6	0	129	45	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	962	SCHED	08/16/2021 23:16:46	7	0	126	11	065:06:09.59 N	096:17:48.00 W
Summer	C-GLYF	962	SCHED	08/16/2021 23:18:56	8	0	129	110	065:06:09.00 N	096:17:48.60 W
Summer	C-GLYF	963	DEPARTURE	08/16/2021 23:19:53	2	62	185	128	065:06:01.79 N	096:17:15.00 W
Summer	C-GLYF	963	SCHED	08/16/2021 23:22:03	9	106	454	128	065:03:52.80 N	096:10:48.59 W
Summer	C-GLYF	963	SCHED	08/16/2021 23:24:12	10	62	214	87	065:01:20.99 N	096:04:48.60 W
Summer	C-GLYF	963	ARRIVAL	08/16/2021 23:25:31	2	0	129	59	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	963	XML_FLIGHT_SUMMARY	08/16/2021 23:25:32	0	0	0	0		
Summer	C-GLYF	964	POWER_ON	08/17/2021 10:44:56	NA	NA	NA	NA		
Summer	C-GLYF	964	SCHED	08/17/2021 10:45:38	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	964	DEPARTURE	08/17/2021 10:47:13	1	63	0	309	065:01:42.00 N	096:04:37.80 W
Summer	C-GLYF	964	SCHED	08/17/2021 10:49:22	2	121	0	305	065:03:51.60 N	096:11:53.40 W
Summer	C-GLYF	964	SCHED	08/17/2021 10:51:33	3	9	170	312	065:06:13.20 N	096:18:03.00 W
Summer	C-GLYF	964	ARRIVAL	08/17/2021 10:52:31	1	0	161	93	065:06:13.20 N	096:18:03.00 W
Summer	C-GLYF	964	XML_FLIGHT_SUMMARY	08/17/2021 10:52:32	0	0	0	0		
Summer	C-GLYF	965	DEPARTURE	08/17/2021 10:53:24	2	69	147	130	065:05:59.40 N	096:17:15.00 W
Summer	C-GLYF	965	SCHED	08/17/2021 10:55:33	4	97	254	127	065:03:55.79 N	096:10:58.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	965	SCHED	08/17/2021 10:58:35	5	3	144	228	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	965	ARRIVAL	08/17/2021 10:58:59	2	0	139	228	065:01:23.99 N	096:04:14.39 W
Summer	C-GLYF	965	XML_FLIGHT_SUMMARY	08/17/2021 10:59:00	0	0	0	0		
Summer	C-GLYF	966	DEPARTURE	08/17/2021 10:59:53	3	69	231	319	065:01:37.80 N	096:04:04.20 W
Summer	C-GLYF	966	ARRIVAL	08/17/2021 11:01:26	3	0	140	90	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	966	POWER_ON	08/17/2021 12:43:49	NA	NA	NA	NA		
Summer	C-GLYF	966	SCHED	08/17/2021 12:44:25	1	0	148	103	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	966	DEPARTURE	08/17/2021 12:45:51	1	54	223	68	065:01:26.40 N	096:03:40.80 W
Summer	C-GLYF	966	SCHED	08/17/2021 12:48:03	2	131	494	302	065:03:58.80 N	096:10:33.00 W
Summer	C-GLYF	966	SCHED	08/17/2021 12:50:11	3	13	159	129	065:06:10.20 N	096:17:49.79 W
Summer	C-GLYF	966	XML_OVERDUE_REPORT	08/17/2021 12:57:29	0	0	0	0		
Summer	C-GLYF	966	XML_FLIGHT_SUMMARY	08/17/2021 13:23:21	0	0	0	0		
Summer	C-GLYF	967	POWER_ON	08/17/2021 13:23:20	NA	NA	NA	NA		
Summer	C-GLYF	967	SCHED	08/17/2021 13:24:02	1	0	139	77	065:06:09.00 N	096:17:48.60 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:26:53	2	1	178	47	065:06:09.59 N	096:17:45.00 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:29:02	3	1	180	204	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:31:59	4	0	170	93	065:06:15.00 N	096:17:15.60 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:35:02	5	15	185	90	065:06:15.59 N	096:17:18.59 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:37:16	6	36	195	44	065:06:12.60 N	096:17:31.79 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:40:26	7	38	190	246	065:06:13.79 N	096:17:20.40 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:42:43	8	35	214	252	065:06:12.60 N	096:17:38.39 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:45:10	9	1	175	181	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:48:05	10	39	211	261	065:06:12.00 N	096:17:35.40 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:50:14	11	39	204	250	065:06:12.60 N	096:17:24.59 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:52:33	12	2	172	188	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:55:01	13	8	181	113	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	967	SCHED	08/17/2021 13:59:02	14	34	189	64	065:06:09.00 N	096:17:40.80 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:01:20	15	12	186	126	065:06:16.19 N	096:17:17.99 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:05:20	16	0	178	124	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:07:32	17	10	178	211	065:06:15.00 N	096:17:16.20 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:09:53	18	1	179	139	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:14:29	19	34	206	63	065:06:15.59 N	096:17:25.20 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:16:40	20	29	200	69	065:06:16.19 N	096:17:24.59 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:18:54	21	20	176	44	065:06:09.59 N	096:17:44.39 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:21:01	22	1	164	165	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:23:13	23	7	178	135	065:06:15.59 N	096:17:17.39 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:26:09	24	0	164	121	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:28:16	25	0	172	193	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	967	DEPARTURE	08/17/2021 14:30:34	1	62	233	154	065:05:59.99 N	096:17:15.60 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:32:44	26	81	413	125	065:04:08.99 N	096:11:31.19 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:35:46	27	68	279	129	065:01:45.59 N	096:05:07.80 W
Summer	C-GLYF	967	SCHED	08/17/2021 14:37:54	28	0	137	7	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	967	ARRIVAL	08/17/2021 14:38:02	1	0	137	7	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	967	XML_FLIGHT_SUMMARY	08/17/2021 14:38:03	0	0	0	0		
Summer	C-GLYF	968	POWER_ON	08/17/2021 14:52:59	NA	NA	NA	NA		
Summer	C-GLYF	968	SCHED	08/17/2021 14:53:28	1	0	142	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	968	DEPARTURE	08/17/2021 14:55:10	1	58	221	62	065:01:26.40 N	096:03:36.59 W
Summer	C-GLYF	968	SCHED	08/17/2021 14:58:13	2	125	433	300	065:04:27.00 N	096:11:59.39 W
Summer	C-GLYF	968	SCHED	08/17/2021 15:00:20	3	3	134	238	065:05:59.99 N	096:18:42.60 W
Summer	C-GLYF	968	ARRIVAL	08/17/2021 15:01:43	1	0	128	238	065:05:59.99 N	096:18:42.60 W
Summer	C-GLYF	968	XML_FLIGHT_SUMMARY	08/17/2021 15:01:44	0	0	0	0		
Summer	C-GLYF	969	DEPARTURE	08/17/2021 15:02:58	2	55	168	52	065:06:07.20 N	096:18:08.99 W
Summer	C-GLYF	969	ARRIVAL	08/17/2021 15:04:26	2	0	144	213	065:06:16.19 N	096:17:15.60 W
Summer	C-GLYF	969	POWER_ON	08/17/2021 15:11:26	NA	NA	NA	NA		
Summer	C-GLYF	969	SCHED	08/17/2021 15:11:59	1	1	145	89	065:06:16.19 N	096:17:15.60 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:14:07	2	5	186	117	065:06:15.59 N	096:17:17.99 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:16:15	3	32	205	59	065:06:14.39 N	096:17:28.20 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:18:21	4	42	196	50	065:06:13.20 N	096:17:33.59 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:20:42	5	8	185	112	065:06:15.59 N	096:17:17.99 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:22:50	6	24	214	140	065:06:04.79 N	096:17:33.00 W
Summer	C-GLYF	969	DEPARTURE	08/17/2021 15:23:17	1	32	232	3	065:06:14.39 N	096:17:23.40 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:25:25	7	1	178	203	065:06:03.59 N	096:17:30.60 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:27:33	8	3	219	161	065:06:16.79 N	096:17:17.99 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:29:47	9	0	178	315	065:06:18.59 N	096:17:21.00 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:31:54	10	33	235	11	065:06:21.00 N	096:17:34.19 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:34:03	11	16	202	198	065:05:53.99 N	096:17:25.79 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:36:19	12	30	241	23	065:06:21.59 N	096:17:37.19 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:38:32	13	5	177	193	065:05:50.40 N	096:17:26.39 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:40:40	14	64	216	182	065:06:10.79 N	096:17:24.59 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:42:47	15	47	207	21	065:05:55.20 N	096:17:00.00 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:45:01	16	0	188	194	065:06:26.39 N	096:17:25.79 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:47:10	17	79	227	333	065:06:06.59 N	096:17:16.79 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:49:20	18	1	169	191	065:05:50.40 N	096:17:26.39 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:51:27	19	22	189	183	065:05:52.19 N	096:17:26.39 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:53:33	20	45	188	178	065:06:23.39 N	096:17:24.59 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:55:40	21	0	182	171	065:06:15.59 N	096:17:16.20 W
Summer	C-GLYF	969	SCHED	08/17/2021 15:57:46	22	0	137	231	065:05:53.40 N	096:17:26.39 W
Summer	C-GLYF	969	ARRIVAL	08/17/2021 15:57:55	1	0	138	231	065:05:53.40 N	096:17:26.39 W
Summer	C-GLYF	969	XML_FLIGHT_SUMMARY	08/17/2021 15:57:56	0	0	0	0		
Summer	C-GLYF	970	DEPARTURE	08/17/2021 15:58:47	2	78	196	326	065:06:06.00 N	096:17:15.00 W
Summer	C-GLYF	970	ARRIVAL	08/17/2021 15:59:57	2	0	150	235	065:06:16.79 N	096:17:15.60 W
Summer	C-GLYF	970	SCHED	08/17/2021 16:02:04	23	0	187	135	065:06:15.00 N	096:17:16.20 W
Summer	C-GLYF	970	SCHED	08/17/2021 16:05:53	24	0	151	39	065:06:16.79 N	096:17:16.20 W
Summer	C-GLYF	970	POWER_ON	08/17/2021 16:33:59	NA	NA	NA	NA		
Summer	C-GLYF	970	SCHED	08/17/2021 16:35:20	1	5	156	127	065:06:16.19 N	096:17:15.60 W
Summer	C-GLYF	970	DEPARTURE	08/17/2021 16:35:27	1	59	227	154	065:06:00.60 N	096:16:58.19 W
Summer	C-GLYF	970	SCHED	08/17/2021 16:37:35	2	88	352	126	065:04:11.40 N	096:11:47.39 W
Summer	C-GLYF	970	SCHED	08/17/2021 16:39:43	3	84	334	140	065:02:09.59 N	096:05:55.20 W
Summer	C-GLYF	970	SCHED	08/17/2021 16:42:00	4	0	145	70	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	970	ARRIVAL	08/17/2021 16:42:26	1	0	146	70	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	970	XML_FLIGHT_SUMMARY	08/17/2021 16:42:27	0	0	0	0		
Summer	C-GLYF	971	POWER_ON	08/17/2021 17:54:17	NA	NA	NA	NA		
Summer	C-GLYF	971	SCHED	08/17/2021 17:55:01	1	0	143	128	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	971	DEPARTURE	08/17/2021 17:55:44	1	65	201	67	065:01:27.00 N	096:03:36.59 W
Summer	C-GLYF	971	SCHED	08/17/2021 17:57:55	2	110	591	323	065:04:19.20 N	096:07:45.00 W
Summer	C-GLYF	971	SCHED	08/17/2021 18:00:01	3	113	578	325	065:07:37.80 N	096:13:25.80 W
Summer	C-GLYF	971	SCHED	08/17/2021 18:02:08	4	113	567	325	065:10:54.00 N	096:18:53.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	971	SCHED	08/17/2021 18:04:14	5	113	635	327	065:14:04.79 N	096:24:15.00 W
Summer	C-GLYF	971	SCHED	08/17/2021 18:06:24	6	118	584	324	065:17:22.20 N	096:29:48.00 W
Summer	C-GLYF	971	SCHED	08/17/2021 18:08:34	7	114	545	325	065:20:44.40 N	096:35:28.80 W
Summer	C-GLYF	971	SCHED	08/17/2021 18:10:42	8	47	206	22	065:23:47.99 N	096:40:38.40 W
Summer	C-GLYF	971	ARRIVAL	08/17/2021 18:11:54	1	0	153	62	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	971	XML_FLIGHT_SUMMARY	08/17/2021 18:11:55	0	0	0	0		
Summer	C-GLYF	972	POWER_ON	08/17/2021 19:34:05	NA	NA	NA	NA		
Summer	C-GLYF	972	SCHED	08/17/2021 19:34:48	1	0	165	7	065:23:55.20 N	096:40:31.19 W
Summer	C-GLYF	972	DEPARTURE	08/17/2021 19:35:37	1	62	226	56	065:23:58.20 N	096:39:52.19 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:37:49	2	4	153	147	065:25:55.79 N	096:41:57.60 W
Summer	C-GLYF	972	ARRIVAL	08/17/2021 19:38:52	1	0	149	74	065:25:56.40 N	096:41:56.39 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:41:06	3	0	151	255	065:25:56.40 N	096:41:56.39 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:43:19	4	0	148	247	065:25:56.40 N	096:41:56.99 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:45:26	5	0	147	247	065:25:56.40 N	096:41:56.39 W
Summer	C-GLYF	972	DEPARTURE	08/17/2021 19:46:04	2	64	216	140	065:25:55.79 N	096:41:16.79 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:48:15	6	41	210	29	065:23:47.39 N	096:40:33.60 W
Summer	C-GLYF	972	ARRIVAL	08/17/2021 19:49:55	2	0	148	51	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:52:02	7	0	139	51	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	972	DEPARTURE	08/17/2021 19:52:47	3	65	221	46	065:23:58.20 N	096:39:49.20 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:55:00	8	112	393	295	065:26:04.20 N	096:46:15.00 W
Summer	C-GLYF	972	SCHED	08/17/2021 19:57:07	9	38	196	80	065:26:21.60 N	096:50:13.79 W
Summer	C-GLYF	972	ARRIVAL	08/17/2021 19:58:37	3	0	133	107	065:26:22.80 N	096:49:56.40 W
Summer	C-GLYF	972	XML_FLIGHT_SUMMARY	08/17/2021 19:58:38	0	0	0	0		
Summer	C-GLYF	973	POWER_ON	08/17/2021 20:11:17	NA	NA	NA	NA		
Summer	C-GLYF	973	SCHED	08/17/2021 20:11:58	1	0	136	0	065:26:22.80 N	096:49:56.40 W
Summer	C-GLYF	973	DEPARTURE	08/17/2021 20:13:58	1	42	258	156	065:26:15.60 N	096:49:16.79 W
Summer	C-GLYF	973	SCHED	08/17/2021 20:16:04	2	47	344	154	065:24:44.99 N	096:47:39.59 W
Summer	C-GLYF	973	SCHED	08/17/2021 20:18:20	3	46	312	146	065:23:16.80 N	096:45:32.39 W
Summer	C-GLYF	973	SCHED	08/17/2021 20:21:22	4	0	195	299	065:22:50.99 N	096:44:38.40 W
Summer	C-GLYF	973	SCHED	08/17/2021 20:23:29	5	0	156	87	065:22:51.60 N	096:44:39.00 W
Summer	C-GLYF	973	ARRIVAL	08/17/2021 20:23:56	1	0	156	87	065:22:51.60 N	096:44:39.00 W
Summer	C-GLYF	973	XML_FLIGHT_SUMMARY	08/17/2021 20:23:57	0	0	0	0		
Summer	C-GLYF	973	SCHED	08/17/2021 20:26:06	6	0	154	87	065:22:51.60 N	096:44:39.00 W
Summer	C-GLYF	973	SCHED	08/17/2021 20:28:25	7	0	156	87	065:22:51.60 N	096:44:38.40 W
Summer	C-GLYF	974	DEPARTURE	08/17/2021 20:29:49	2	68	226	328	065:23:05.40 N	096:44:33.00 W
Summer	C-GLYF	974	SCHED	08/17/2021 20:31:59	8	101	246	322	065:26:02.39 N	096:49:53.99 W
Summer	C-GLYF	974	ARRIVAL	08/17/2021 20:33:34	2	0	141	146	065:26:22.80 N	096:49:56.40 W
Summer	C-GLYF	974	XML_FLIGHT_SUMMARY	08/17/2021 20:33:35	0	0	0	0		
Summer	C-GLYF	975	DEPARTURE	08/17/2021 20:34:54	3	66	184	134	065:26:19.79 N	096:49:17.39 W
Summer	C-GLYF	975	SCHED	08/17/2021 20:38:04	9	84	335	81	065:23:50.40 N	096:41:58.20 W
Summer	C-GLYF	975	ARRIVAL	08/17/2021 20:39:20	3	0	163	32	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	975	XML_FLIGHT_SUMMARY	08/17/2021 20:39:21	0	0	0	0		
Summer	C-GLYF	976	DEPARTURE	08/17/2021 20:41:19	4	65	234	138	065:23:43.80 N	096:39:57.60 W
Summer	C-GLYF	976	SCHED	08/17/2021 20:43:29	10	100	527	152	065:20:52.19 N	096:35:44.40 W
Summer	C-GLYF	976	SCHED	08/17/2021 20:45:41	11	107	620	152	065:17:33.00 N	096:31:34.19 W
Summer	C-GLYF	976	SCHED	08/17/2021 20:47:49	12	108	612	153	065:14:05.39 N	096:27:19.79 W
Summer	C-GLYF	976	SCHED	08/17/2021 20:50:04	13	111	584	152	065:10:45.59 N	096:23:04.79 W
Summer	C-GLYF	976	SCHED	08/17/2021 20:52:12	14	101	323	217	065:07:01.20 N	096:19:15.00 W
Summer	C-GLYF	976	SCHED	08/17/2021 20:54:19	15	0	138	141	065:06:08.39 N	096:20:12.00 W
Summer	C-GLYF	976	ARRIVAL	08/17/2021 20:54:42	4	0	138	141	065:06:08.39 N	096:20:12.00 W
Summer	C-GLYF	976	XML_FLIGHT_SUMMARY	08/17/2021 20:54:43	0	0	0	0		
Summer	C-GLYF	977	DEPARTURE	08/17/2021 20:55:58	5	55	183	15	065:06:18.59 N	096:19:43.80 W
Summer	C-GLYF	977	SCHED	08/17/2021 20:58:12	16	0	146	320	065:06:30.00 N	096:19:33.59 W
Summer	C-GLYF	977	ARRIVAL	08/17/2021 20:58:27	5	0	146	320	065:06:30.00 N	096:19:33.00 W
Summer	C-GLYF	977	DEPARTURE	08/17/2021 21:01:00	6	55	193	141	065:06:26.39 N	096:19:02.99 W
Summer	C-GLYF	977	ARRIVAL	08/17/2021 21:01:36	6	0	142	143	065:06:10.79 N	096:18:53.40 W
Summer	C-GLYF	977	DEPARTURE	08/17/2021 21:03:00	7	65	191	102	065:06:12.60 N	096:18:11.99 W
Summer	C-GLYF	977	SCHED	08/17/2021 21:05:08	17	104	349	128	065:04:10.79 N	096:11:55.80 W
Summer	C-GLYF	977	SCHED	08/17/2021 21:07:30	18	83	339	152	065:01:46.80 N	096:05:48.00 W
Summer	C-GLYF	977	SCHED	08/17/2021 21:09:43	19	0	139	44	065:01:27.60 N	096:04:18.00 W
Summer	C-GLYF	977	ARRIVAL	08/17/2021 21:10:17	7	0	140	44	065:01:27.60 N	096:04:18.00 W
Summer	C-GLYF	977	XML_FLIGHT_SUMMARY	08/17/2021 21:10:18	0	0	0	0		
Summer	C-GLYF	977	SCHED	08/17/2021 21:12:28	20	0	138	44	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	978	DEPARTURE	08/17/2021 21:14:25	8	77	235	314	065:01:41.39 N	096:04:46.19 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:16:41	21	8	201	116	065:01:51.60 N	096:09:28.80 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:18:49	22	84	343	324	065:02:34.80 N	096:11:40.79 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:20:58	23	93	330	325	065:05:06.60 N	096:15:55.80 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:23:06	24	1	183	179	065:06:15.59 N	096:17:15.60 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:26:05	25	91	340	147	065:03:41.99 N	096:13:04.79 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:28:17	26	1	196	75	065:01:51.60 N	096:09:26.99 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:30:28	27	90	356	319	065:02:52.19 N	096:12:15.00 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:32:35	28	88	364	324	065:05:31.80 N	096:17:01.19 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:35:40	29	82	296	144	065:05:28.19 N	096:16:05.40 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:38:40	30	60	282	137	065:02:05.40 N	096:10:04.79 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:40:50	31	94	352	117	065:02:28.20 N	096:06:44.40 W
Summer	C-GLYF	978	SCHED	08/17/2021 21:43:08	32	1	146	164	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	978	ARRIVAL	08/17/2021 21:44:06	8	0	144	72	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	978	XML_FLIGHT_SUMMARY	08/17/2021 21:44:07	0	0	0	0		
Summer	C-GLYF	979	POWER_ON	08/17/2021 22:35:33	NA	NA	NA	NA		
Summer	C-GLYF	979	SCHED	08/17/2021 22:36:24	1	0	137	51	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	979	SCHED	08/17/2021 22:38:30	2	0	134	275	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	979	POWER_ON	08/17/2021 23:03:08	NA	NA	NA	NA		
Summer	C-GLYF	979	SCHED	08/17/2021 23:03:46	1	0	148	306	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	979	DEPARTURE	08/17/2021 23:04:29	1	57	212	50	065:01:29.39 N	096:03:41.39 W
Summer	C-GLYF	979	SCHED	08/17/2021 23:06:36	2	118	394	305	065:03:48.00 N	096:10:08.39 W
Summer	C-GLYF	979	SCHED	08/17/2021 23:08:43	3	51	195	22	065:06:11.40 N	096:17:32.39 W
Summer	C-GLYF	979	ARRIVAL	08/17/2021 23:10:05	1	0	142	184	065:06:16.19 N	096:17:15.00 W
Summer	C-GLYF	979	XML_FLIGHT_SUMMARY	08/17/2021 23:10:06	0	0	0	0		
Summer	C-GLYF	979	SCHED	08/17/2021 23:12:17	4	0	139	184	065:06:15.59 N	096:17:14.39 W
Summer	C-GLYF	979	SCHED	08/17/2021 23:14:26	5	0	138	186	065:06:15.59 N	096:17:15.00 W
Summer	C-GLYF	979	SCHED	08/17/2021 23:16:36	6	0	138	186	065:06:15.59 N	096:17:15.00 W
Summer	C-GLYF	980	DEPARTURE	08/17/2021 23:18:19	2	72	190	134	065:06:01.79 N	096:16:48.60 W
Summer	C-GLYF	980	SCHED	08/17/2021 23:20:28	7	106	400	129	065:03:48.00 N	096:10:32.39 W
Summer	C-GLYF	980	SCHED	08/17/2021 23:22:37	8	30	168	90	065:01:27.00 N	096:04:27.60 W
Summer	C-GLYF	980	ARRIVAL	08/17/2021 23:23:40	2	0	135	81	065:01:27.60 N	096:04:18.59 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	980	XML_FLIGHT_SUMMARY	08/17/2021 23:23:41	0	0	0	0		
Summer	C-GLYF	981	POWER_ON	08/18/2021 10:44:16	NA	NA	NA	NA		
Summer	C-GLYF	981	SCHED	08/18/2021 10:44:45	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	981	SCHED	08/18/2021 10:46:54	2	14	0	328	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	981	DEPARTURE	08/18/2021 10:47:15	1	67	0	311	065:01:39.59 N	096:04:52.80 W
Summer	C-GLYF	981	SCHED	08/18/2021 10:49:31	3	96	434	306	065:03:39.00 N	096:11:13.20 W
Summer	C-GLYF	981	SCHED	08/18/2021 10:51:41	4	52	255	340	065:06:02.39 N	096:17:11.40 W
Summer	C-GLYF	981	SCHED	08/18/2021 10:53:50	5	78	302	144	065:05:50.99 N	096:16:01.19 W
Summer	C-GLYF	981	SCHED	08/18/2021 10:56:00	6	87	346	126	065:03:51.60 N	096:10:26.99 W
Summer	C-GLYF	981	SCHED	08/18/2021 10:58:19	7	67	277	152	065:01:36.59 N	096:05:18.00 W
Summer	C-GLYF	981	SCHED	08/18/2021 11:00:30	8	3	159	283	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	981	SCHED	08/18/2021 11:02:37	9	113	358	309	065:02:59.40 N	096:08:39.59 W
Summer	C-GLYF	981	SCHED	08/18/2021 11:04:46	10	107	290	311	065:05:36.60 N	096:16:15.00 W
Summer	C-GLYF	981	ARRIVAL	08/18/2021 11:06:56	1	0	145	334	065:06:16.19 N	096:17:15.00 W
Summer	C-GLYF	981	XML_FLIGHT_SUMMARY	08/18/2021 11:06:57	0	0	0	0		
Summer	C-GLYF	981	SCHED	08/18/2021 11:07:04	11	0	145	334	065:06:16.19 N	096:17:15.00 W
Summer	C-GLYF	982	DEPARTURE	08/18/2021 11:07:48	2	76	196	139	065:05:59.99 N	096:16:55.20 W
Summer	C-GLYF	982	SCHED	08/18/2021 11:09:55	12	111	334	131	065:03:39.00 N	096:10:10.80 W
Summer	C-GLYF	982	SCHED	08/18/2021 11:12:01	13	38	174	81	065:01:26.40 N	096:04:28.20 W
Summer	C-GLYF	982	ARRIVAL	08/18/2021 11:13:09	2	0	145	102	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	982	XML_FLIGHT_SUMMARY	08/18/2021 11:13:10	0	0	0	0		
Summer	C-GLYF	983	POWER_ON	08/18/2021 12:03:35	NA	NA	NA	NA		
Summer	C-GLYF	983	SCHED	08/18/2021 12:04:17	1	0	149	43	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	983	SCHED	08/18/2021 12:06:26	2	63	186	312	065:01:35.40 N	096:04:36.00 W
Summer	C-GLYF	983	DEPARTURE	08/18/2021 12:06:33	1	69	210	312	065:01:40.80 N	096:04:49.79 W
Summer	C-GLYF	983	SCHED	08/18/2021 12:08:41	3	111	395	273	065:02:32.39 N	096:12:42.60 W
Summer	C-GLYF	983	SCHED	08/18/2021 12:10:48	4	88	252	258	065:02:43.80 N	096:21:42.60 W
Summer	C-GLYF	983	ARRIVAL	08/18/2021 12:12:30	1	0	128	52	065:02:52.80 N	096:22:46.19 W
Summer	C-GLYF	983	XML_FLIGHT_SUMMARY	08/18/2021 12:12:31	0	0	0	0		
Summer	C-GLYF	984	DEPARTURE	08/18/2021 12:14:23	2	56	208	78	065:03:00.60 N	096:22:09.59 W
Summer	C-GLYF	984	SCHED	08/18/2021 12:16:29	5	102	331	90	065:02:40.80 N	096:14:16.79 W
Summer	C-GLYF	984	SCHED	08/18/2021 12:18:40	6	88	350	125	065:02:14.40 N	096:06:08.40 W
Summer	C-GLYF	984	SCHED	08/18/2021 12:20:48	7	0	146	284	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	984	ARRIVAL	08/18/2021 12:21:50	2	0	145	284	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	984	XML_FLIGHT_SUMMARY	08/18/2021 12:21:51	0	0	0	0		
Summer	C-GLYF	985	POWER_ON	08/18/2021 13:03:10	NA	NA	NA	NA		
Summer	C-GLYF	985	SCHED	08/18/2021 13:03:46	1	0	143	324	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	985	DEPARTURE	08/18/2021 13:05:09	1	59	191	65	065:01:38.39 N	096:03:45.60 W
Summer	C-GLYF	985	SCHED	08/18/2021 13:07:17	2	108	385	349	065:04:58.20 N	096:04:43.80 W
Summer	C-GLYF	985	SCHED	08/18/2021 13:09:28	3	87	274	348	065:08:35.99 N	096:06:25.80 W
Summer	C-GLYF	985	SCHED	08/18/2021 13:11:34	4	0	142	93	065:09:39.59 N	096:07:09.00 W
Summer	C-GLYF	985	ARRIVAL	08/18/2021 13:11:54	1	0	142	93	065:09:39.59 N	096:07:09.00 W
Summer	C-GLYF	985	XML_FLIGHT_SUMMARY	08/18/2021 13:11:55	0	0	0	0		
Summer	C-GLYF	986	DEPARTURE	08/18/2021 13:13:24	2	66	206	328	065:09:55.20 N	096:07:31.19 W
Summer	C-GLYF	986	SCHED	08/18/2021 13:15:32	5	102	407	316	065:12:16.80 N	096:12:56.99 W
Summer	C-GLYF	986	SCHED	08/18/2021 13:17:41	6	106	554	315	065:14:53.39 N	096:19:04.20 W
Summer	C-GLYF	986	SCHED	08/18/2021 13:19:48	7	107	638	316	065:17:36.59 N	096:25:31.19 W
Summer	C-GLYF	986	SCHED	08/18/2021 13:21:55	8	109	575	317	065:20:22.19 N	096:32:08.40 W
Summer	C-GLYF	986	SCHED	08/18/2021 13:24:44	9	71	278	310	065:23:30.60 N	096:40:09.59 W
Summer	C-GLYF	986	ARRIVAL	08/18/2021 13:26:10	2	0	161	8	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	986	XML_FLIGHT_SUMMARY	08/18/2021 13:26:11	0	0	0	0		
Summer	C-GLYF	987	POWER_ON	08/18/2021 13:38:10	NA	NA	NA	NA		
Summer	C-GLYF	987	SCHED	08/18/2021 13:39:51	1	56	238	58	065:23:57.00 N	096:39:52.80 W
Summer	C-GLYF	987	DEPARTURE	08/18/2021 13:39:59	1	56	238	58	065:23:57.00 N	096:39:52.80 W
Summer	C-GLYF	987	SCHED	08/18/2021 13:42:06	2	105	290	295	065:25:56.40 N	096:47:24.00 W
Summer	C-GLYF	987	SCHED	08/18/2021 13:44:20	3	0	141	273	065:26:22.80 N	096:49:57.60 W
Summer	C-GLYF	987	ARRIVAL	08/18/2021 13:44:28	1	0	141	273	065:26:22.80 N	096:49:57.60 W
Summer	C-GLYF	987	XML_FLIGHT_SUMMARY	08/18/2021 13:44:29	0	0	0	0		
Summer	C-GLYF	988	DEPARTURE	08/18/2021 13:46:22	2	73	179	100	065:26:26.99 N	096:49:18.59 W
Summer	C-GLYF	988	SCHED	08/18/2021 13:48:38	4	97	396	107	065:25:18.00 N	096:41:50.40 W
Summer	C-GLYF	988	SCHED	08/18/2021 13:50:47	5	5	164	25	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	988	ARRIVAL	08/18/2021 13:51:53	2	0	158	26	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	988	XML_FLIGHT_SUMMARY	08/18/2021 13:51:54	0	0	0	0		
Summer	C-GLYF	989	POWER_ON	08/18/2021 14:27:52	NA	NA	NA	NA		
Summer	C-GLYF	989	SCHED	08/18/2021 14:29:09	1	1	160	216	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	989	DEPARTURE	08/18/2021 14:29:21	1	63	213	199	065:23:37.19 N	096:40:35.40 W
Summer	C-GLYF	989	SCHED	08/18/2021 14:31:29	2	71	264	274	065:22:33.00 N	096:43:22.19 W
Summer	C-GLYF	989	SCHED	08/18/2021 14:33:41	3	27	194	97	065:24:38.99 N	096:47:34.19 W
Summer	C-GLYF	989	ARRIVAL	08/18/2021 14:35:23	1	0	156	52	065:24:34.79 N	096:47:33.59 W
Summer	C-GLYF	989	XML_FLIGHT_SUMMARY	08/18/2021 14:35:24	0	0	0	0		
Summer	C-GLYF	990	POWER_ON	08/18/2021 14:51:34	NA	NA	NA	NA		
Summer	C-GLYF	990	SCHED	08/18/2021 14:52:11	1	0	157	0	065:24:34.79 N	096:47:33.59 W
Summer	C-GLYF	990	DEPARTURE	08/18/2021 14:53:02	1	62	219	153	065:24:22.80 N	096:47:48.00 W
Summer	C-GLYF	990	SCHED	08/18/2021 14:55:09	2	67	252	44	065:23:35.99 N	096:40:29.40 W
Summer	C-GLYF	990	ARRIVAL	08/18/2021 14:56:33	1	0	155	37	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	990	XML_FLIGHT_SUMMARY	08/18/2021 14:56:34	0	0	0	0		
Summer	C-GLYF	991	POWER_ON	08/18/2021 15:37:17	NA	NA	NA	NA		
Summer	C-GLYF	991	SCHED	08/18/2021 15:37:57	1	0	161	0	065:23:54.59 N	096:40:31.19 W
Summer	C-GLYF	991	DEPARTURE	08/18/2021 15:38:40	1	68	230	261	065:23:51.60 N	096:41:13.80 W
Summer	C-GLYF	991	SCHED	08/18/2021 15:40:48	2	106	323	319	065:25:41.99 N	096:47:41.39 W
Summer	C-GLYF	991	SCHED	08/18/2021 15:42:57	3	0	142	306	065:26:22.80 N	096:49:56.40 W
Summer	C-GLYF	991	ARRIVAL	08/18/2021 15:43:49	1	0	142	306	065:26:22.80 N	096:49:56.40 W
Summer	C-GLYF	991	XML_FLIGHT_SUMMARY	08/18/2021 15:43:50	0	0	0	0		
Summer	C-GLYF	992	DEPARTURE	08/18/2021 15:44:49	2	70	202	153	065:26:14.39 N	096:50:12.60 W
Summer	C-GLYF	992	SCHED	08/18/2021 15:46:57	4	48	220	148	065:23:19.80 N	096:47:12.60 W
Summer	C-GLYF	992	ARRIVAL	08/18/2021 15:48:30	2	0	155	324	065:23:16.80 N	096:47:19.20 W
Summer	C-GLYF	992	XML_FLIGHT_SUMMARY	08/18/2021 15:48:31	0	0	0	0		
Summer	C-GLYF	993	DEPARTURE	08/18/2021 15:50:18	3	71	231	36	065:23:32.40 N	096:47:21.59 W
Summer	C-GLYF	993	SCHED	08/18/2021 15:52:28	5	48	211	307	065:23:51.60 N	096:40:12.59 W
Summer	C-GLYF	993	ARRIVAL	08/18/2021 15:54:06	3	0	159	356	065:23:54.59 N	096:40:31.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	993	XML_FLIGHT_SUMMARY	08/18/2021 15:54:07	0	0	0	0		
Summer	C-GLYF	994	POWER_ON	08/18/2021 16:54:01	NA	NA	NA	NA		
Summer	C-GLYF	994	SCHED	08/18/2021 16:54:41	1	0	164	0	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	994	DEPARTURE	08/18/2021 16:55:35	1	70	249	260	065:23:50.99 N	096:41:15.60 W
Summer	C-GLYF	994	SCHED	08/18/2021 16:57:41	2	21	185	292	065:23:15.59 N	096:47:11.40 W
Summer	C-GLYF	994	ARRIVAL	08/18/2021 16:58:53	1	0	163	336	065:23:17.39 N	096:47:17.99 W
Summer	C-GLYF	994	XML_FLIGHT_SUMMARY	08/18/2021 16:58:54	0	0	0	0		
Summer	C-GLYF	995	DEPARTURE	08/18/2021 17:01:47	2	62	223	52	065:23:31.19 N	096:47:11.99 W
Summer	C-GLYF	995	SCHED	08/18/2021 17:03:56	3	0	165	357	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	995	ARRIVAL	08/18/2021 17:04:12	2	0	164	357	065:23:54.59 N	096:40:30.60 W
Summer	C-GLYF	995	XML_FLIGHT_SUMMARY	08/18/2021 17:04:13	0	0	0	0		
Summer	C-GLYF	996	POWER_ON	08/18/2021 17:57:58	NA	NA	NA	NA		
Summer	C-GLYF	996	SCHED	08/18/2021 17:59:32	1	79	235	169	065:23:20.39 N	096:40:15.00 W
Summer	C-GLYF	996	DEPARTURE	08/18/2021 17:59:43	1	75	207	160	065:23:35.99 N	096:40:30.00 W
Summer	C-GLYF	996	SCHED	08/18/2021 18:02:01	2	105	525	159	065:19:43.80 N	096:37:12.60 W
Summer	C-GLYF	996	SCHED	08/18/2021 18:04:13	3	104	615	160	065:15:55.20 N	096:34:04.20 W
Summer	C-GLYF	996	SCHED	08/18/2021 18:06:20	4	105	620	165	065:12:15.00 N	096:31:14.39 W
Summer	C-GLYF	996	SCHED	08/18/2021 18:08:35	5	108	561	158	065:08:39.60 N	096:28:23.40 W
Summer	C-GLYF	996	SCHED	08/18/2021 18:10:43	6	100	375	157	065:04:53.40 N	096:24:31.19 W
Summer	C-GLYF	996	SCHED	08/18/2021 18:12:50	7	0	124	283	065:02:52.80 N	096:22:44.40 W
Summer	C-GLYF	996	ARRIVAL	08/18/2021 18:13:22	1	0	124	283	065:02:52.80 N	096:22:44.40 W
Summer	C-GLYF	996	XML_FLIGHT_SUMMARY	08/18/2021 18:13:23	0	0	0	0		
Summer	C-GLYF	996	SCHED	08/18/2021 18:15:32	8	0	125	283	065:02:52.80 N	096:22:44.40 W
Summer	C-GLYF	997	DEPARTURE	08/18/2021 18:17:04	2	66	194	132	065:02:37.80 N	096:22:40.20 W
Summer	C-GLYF	997	SCHED	08/18/2021 18:19:15	9	111	437	86	065:02:40.80 N	096:13:07.19 W
Summer	C-GLYF	997	SCHED	08/18/2021 18:21:24	10	71	291	126	065:01:45.59 N	096:05:17.39 W
Summer	C-GLYF	997	SCHED	08/18/2021 18:23:33	11	0	141	202	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	997	ARRIVAL	08/18/2021 18:23:58	2	0	142	202	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	997	XML_FLIGHT_SUMMARY	08/18/2021 18:23:59	0	0	0	0		
Summer	C-GLYF	998	POWER_ON	08/18/2021 18:50:36	NA	NA	NA	NA		
Summer	C-GLYF	998	SCHED	08/18/2021 18:51:12	1	0	156	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	998	DEPARTURE	08/18/2021 18:52:15	1	75	199	322	065:01:36.59 N	096:04:52.80 W
Summer	C-GLYF	998	SCHED	08/18/2021 18:54:23	2	107	390	311	065:03:55.79 N	096:11:13.20 W
Summer	C-GLYF	998	SCHED	08/18/2021 18:56:31	3	37	196	212	065:06:20.39 N	096:17:08.99 W
Summer	C-GLYF	998	ARRIVAL	08/18/2021 18:57:39	1	0	153	232	065:06:16.19 N	096:17:15.00 W
Summer	C-GLYF	998	XML_FLIGHT_SUMMARY	08/18/2021 18:57:40	0	0	0	0		
Summer	C-GLYF	999	DEPARTURE	08/18/2021 18:58:49	2	75	238	143	065:05:57.60 N	096:17:02.39 W
Summer	C-GLYF	999	SCHED	08/18/2021 19:02:09	4	101	424	131	065:02:42.00 N	096:06:40.20 W
Summer	C-GLYF	999	SCHED	08/18/2021 19:04:21	5	0	144	85	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	999	ARRIVAL	08/18/2021 19:04:27	2	0	143	85	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	999	XML_FLIGHT_SUMMARY	08/18/2021 19:04:28	0	0	0	0		
Summer	C-GLYF	1000	POWER_ON	08/18/2021 20:30:04	NA	NA	NA	NA		
Summer	C-GLYF	1000	SCHED	08/18/2021 20:30:45	1	0	147	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1000	DEPARTURE	08/18/2021 20:31:27	1	75	198	325	065:01:36.00 N	096:04:53.99 W
Summer	C-GLYF	1000	SCHED	08/18/2021 20:33:34	2	109	444	311	065:03:56.40 N	096:11:06.00 W
Summer	C-GLYF	1000	SCHED	08/18/2021 20:35:44	3	49	216	244	065:06:25.80 N	096:17:04.19 W
Summer	C-GLYF	1000	ARRIVAL	08/18/2021 20:37:35	1	0	147	265	065:06:16.19 N	096:17:15.00 W
Summer	C-GLYF	1000	XML_FLIGHT_SUMMARY	08/18/2021 20:37:36	0	0	0	0		
Summer	C-GLYF	1001	POWER_ON	08/18/2021 20:51:42	NA	NA	NA	NA		
Summer	C-GLYF	1001	SCHED	08/18/2021 20:52:20	1	1	148	1	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1001	DEPARTURE	08/18/2021 20:53:20	1	75	202	78	065:06:09.59 N	096:16:41.39 W
Summer	C-GLYF	1001	SCHED	08/18/2021 20:55:28	2	106	412	49	065:09:11.39 N	096:10:19.19 W
Summer	C-GLYF	1001	SCHED	08/18/2021 20:57:38	3	83	329	134	065:10:11.39 N	096:04:50.40 W
Summer	C-GLYF	1001	SCHED	08/18/2021 20:59:48	4	0	166	195	065:10:14.39 N	096:01:51.60 W
Summer	C-GLYF	1001	ARRIVAL	08/18/2021 21:00:01	1	0	166	195	065:10:14.39 N	096:01:51.60 W
Summer	C-GLYF	1001	XML_FLIGHT_SUMMARY	08/18/2021 21:00:02	0	0	0	0		
Summer	C-GLYF	1002	DEPARTURE	08/18/2021 21:01:36	2	69	210	275	065:10:16.19 N	096:02:33.00 W
Summer	C-GLYF	1002	ARRIVAL	08/18/2021 21:03:06	2	0	148	38	065:10:16.80 N	096:03:38.99 W
Summer	C-GLYF	1002	DEPARTURE	08/18/2021 21:04:05	3	63	203	246	065:10:15.00 N	096:04:16.20 W
Summer	C-GLYF	1002	SCHED	08/18/2021 21:06:12	5	0	140	266	065:10:00.00 N	096:08:00.60 W
Summer	C-GLYF	1002	SCHED	08/18/2021 21:08:22	6	38	181	167	065:09:30.00 N	096:04:48.00 W
Summer	C-GLYF	1002	ARRIVAL	08/18/2021 21:09:28	3	0	148	250	065:09:26.39 N	096:04:52.80 W
Summer	C-GLYF	1002	XML_FLIGHT_SUMMARY	08/18/2021 21:09:29	0	0	0	0		
Summer	C-GLYF	1003	DEPARTURE	08/18/2021 21:10:29	4	74	209	183	065:09:07.80 N	096:04:53.40 W
Summer	C-GLYF	1003	SCHED	08/18/2021 21:13:26	7	103	434	182	065:04:37.80 N	096:04:37.19 W
Summer	C-GLYF	1003	SCHED	08/18/2021 21:15:33	8	18	165	172	065:01:28.20 N	096:04:15.00 W
Summer	C-GLYF	1003	ARRIVAL	08/18/2021 21:16:38	4	0	142	241	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1003	XML_FLIGHT_SUMMARY	08/18/2021 21:16:39	0	0	0	0		
Summer	C-GLYF	1004	POWER_ON	08/18/2021 23:07:21	NA	NA	NA	NA		
Summer	C-GLYF	1004	SCHED	08/18/2021 23:07:58	1	0	136	91	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1004	DEPARTURE	08/18/2021 23:08:39	1	70	182	325	065:01:35.40 N	096:04:53.99 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:10:50	2	107	398	308	065:03:55.79 N	096:10:57.00 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:12:56	3	42	184	212	065:06:21.00 N	096:17:05.40 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:15:42	4	0	138	32	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	ARRIVAL	08/18/2021 23:15:51	1	0	139	32	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	XML_FLIGHT_SUMMARY	08/18/2021 23:15:52	0	0	0	0		
Summer	C-GLYF	1004	SCHED	08/18/2021 23:17:58	5	0	135	32	065:06:16.19 N	096:17:13.79 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:20:03	6	0	135	40	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:22:13	7	0	136	36	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:25:05	8	0	137	213	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:27:15	9	0	136	29	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:29:23	10	0	138	29	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1004	SCHED	08/18/2021 23:31:31	11	67	189	140	065:06:01.79 N	096:17:04.19 W
Summer	C-GLYF	1005	DEPARTURE	08/18/2021 23:31:41	2	69	197	136	065:05:59.99 N	096:17:00.00 W
Summer	C-GLYF	1005	SCHED	08/18/2021 23:33:52	12	105	473	126	065:03:50.39 N	096:10:03.59 W
Summer	C-GLYF	1005	SCHED	08/18/2021 23:36:03	13	47	185	129	065:01:35.40 N	096:04:31.80 W
Summer	C-GLYF	1005	ARRIVAL	08/18/2021 23:37:16	2	0	129	215	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1005	XML_FLIGHT_SUMMARY	08/18/2021 23:37:17	0	0	0	0		
Summer	C-GLYF	1006	POWER_ON	08/19/2021 10:56:05	NA	NA	NA	NA		
Summer	C-GLYF	1006	SCHED	08/19/2021 10:56:45	1	0	0	0	065:01:27.00 N	096:04:19.79 W
Summer	C-GLYF	1006	SCHED	08/19/2021 10:59:01	2	0	0	0	065:01:27.00 N	096:04:19.79 W

Table 4 Track Data (2021)											
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude	
Summer	C-GLYF	1006	DEPARTURE	08/19/2021 10:59:58	1	97	0	274	065:02:25.20 N	096:07:56.99 W	
Summer	C-GLYF	1006	SCHED	08/19/2021 11:02:11	3	24	168	300	065:01:51.60 N	096:09:34.19 W	
Summer	C-GLYF	1006	SCHED	08/19/2021 11:04:19	4	104	319	327	065:04:31.80 N	096:14:23.99 W	
Summer	C-GLYF	1006	SCHED	08/19/2021 11:06:26	5	0	144	217	065:06:15.59 N	096:17:14.39 W	
Summer	C-GLYF	1006	ARRIVAL	08/19/2021 11:06:57	1	0	144	217	065:06:15.59 N	096:17:14.39 W	
Summer	C-GLYF	1006	XML_FLIGHT_SUMMARY	08/19/2021 11:06:58	0	0	0	0			
Summer	C-GLYF	1006	SCHED	08/19/2021 11:09:08	6	0	145	217	065:06:16.19 N	096:17:14.39 W	
Summer	C-GLYF	1006	SCHED	08/19/2021 11:11:16	7	0	147	217	065:06:15.59 N	096:17:14.39 W	
Summer	C-GLYF	1006	SCHED	08/19/2021 11:13:23	8	0	148	217	065:06:15.59 N	096:17:14.39 W	
Summer	C-GLYF	1006	SCHED	08/19/2021 11:15:30	9	0	147	217	065:06:16.19 N	096:17:14.39 W	
Summer	C-GLYF	1007	DEPARTURE	08/19/2021 11:16:07	2	64	222	150	065:05:58.80 N	096:17:01.79 W	
Summer	C-GLYF	1007	SCHED	08/19/2021 11:18:19	10	114	430	126	065:03:47.39 N	096:10:24.59 W	
Summer	C-GLYF	1007	SCHED	08/19/2021 11:20:26	11	38	186	196	065:01:28.20 N	096:04:04.20 W	
Summer	C-GLYF	1007	ARRIVAL	08/19/2021 11:21:46	2	0	141	301	065:01:24.59 N	096:04:15.00 W	
Summer	C-GLYF	1007	XML_FLIGHT_SUMMARY	08/19/2021 11:21:47	0	0	0	0			
Summer	C-GLYF	1008	POWER_ON	08/19/2021 11:31:12	NA	NA	NA	NA			
Summer	C-GLYF	1008	SCHED	08/19/2021 11:31:50	1	0	143	243	065:01:24.59 N	096:04:15.00 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:34:02	2	0	177	171	065:01:19.79 N	096:04:26.99 W	
Summer	C-GLYF	1008	DEPARTURE	08/19/2021 11:35:09	1	60	250	335	065:01:31.79 N	096:04:55.20 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:37:18	3	47	300	201	065:02:07.19 N	096:09:07.80 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:39:36	4	1	197	143	065:01:51.60 N	096:09:27.60 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:41:48	5	76	361	319	065:03:24.59 N	096:12:49.19 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:43:55	6	71	307	333	065:05:56.99 N	096:16:22.19 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:46:03	7	1	183	313	065:06:15.00 N	096:17:16.79 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:48:15	8	91	305	138	065:05:03.59 N	096:15:07.19 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:50:21	9	83	331	142	065:02:32.39 N	096:10:01.79 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:52:32	10	19	210	261	065:01:52.19 N	096:09:33.00 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:54:45	11	69	364	323	065:03:39.00 N	096:12:51.59 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:56:57	12	66	313	335	065:05:52.80 N	096:16:17.39 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 11:59:05	13	1	190	26	065:06:15.59 N	096:17:16.20 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:01:14	14	93	363	139	065:04:15.00 N	096:13:28.79 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:03:27	15	28	255	215	065:01:54.60 N	096:09:19.19 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:05:35	16	92	390	322	065:03:22.79 N	096:12:28.79 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:07:44	17	72	322	333	065:05:59.99 N	096:16:33.00 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:09:51	18	1	185	225	065:06:15.59 N	096:17:17.39 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:11:59	19	74	404	124	065:04:53.99 N	096:13:11.39 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:14:17	20	77	446	129	065:03:19.20 N	096:08:17.39 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:16:32	21	19	239	166	065:01:22.79 N	096:04:28.20 W	
Summer	C-GLYF	1008	SCHED	08/19/2021 12:18:50	22	0	154	96	065:01:27.60 N	096:04:18.59 W	
Summer	C-GLYF	1008	ARRIVAL	08/19/2021 12:20:10	1	0	150	289	065:01:25.20 N	096:04:15.00 W	
Summer	C-GLYF	1008	XML_FLIGHT_SUMMARY	08/19/2021 12:20:11	0	0	0	0			
Summer	C-GLYF	1009	POWER_ON	08/19/2021 13:00:33	NA	NA	NA	NA			
Summer	C-GLYF	1009	SCHED	08/19/2021 13:01:42	1	0	145	319	065:01:25.20 N	096:04:15.00 W	
Summer	C-GLYF	1009	DEPARTURE	08/19/2021 13:02:24	1	58	217	244	065:01:28.20 N	096:04:51.60 W	
Summer	C-GLYF	1009	SCHED	08/19/2021 13:04:30	2	99	566	193	064:58:05.39 N	096:06:48.60 W	
Summer	C-GLYF	1009	SCHED	08/19/2021 13:06:37	3	106	598	191	064:54:33.60 N	096:08:34.79 W	
Summer	C-GLYF	1009	SCHED	08/19/2021 13:08:47	4	107	609	193	064:50:58.20 N	096:10:29.40 W	
Summer	C-GLYF	1009	SCHED	08/19/2021 13:10:57	5	104	593	192	064:47:13.80 N	096:12:24.59 W	
Summer	C-GLYF	1009	SCHED	08/19/2021 13:13:18	6	108	601	191	064:43:30.60 N	096:14:10.20 W	
Summer	C-GLYF	1009	SCHED	08/19/2021 13:15:38	7	91	284	183	064:39:37.19 N	096:15:12.60 W	
Summer	C-GLYF	1009	ARRIVAL	08/19/2021 13:17:51	1	0	113	272	064:38:25.20 N	096:15:08.99 W	
Summer	C-GLYF	1009	XML_FLIGHT_SUMMARY	08/19/2021 13:17:52	0	0	0	0			
Summer	C-GLYF	1009	SCHED	08/19/2021 13:18:06	8	0	113	272	064:38:25.20 N	096:15:08.99 W	
Summer	C-GLYF	1010	DEPARTURE	08/19/2021 13:19:15	2	85	141	308	064:38:29.39 N	096:15:47.39 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 13:21:24	9	0	126	159	064:39:22.80 N	096:19:23.40 W	
Summer	C-GLYF	1010	ARRIVAL	08/19/2021 13:21:50	2	0	126	159	064:39:22.80 N	096:19:23.40 W	
Summer	C-GLYF	1010	POWER_ON	08/19/2021 16:57:55	NA	NA	NA	NA			
Summer	C-GLYF	1010	SCHED	08/19/2021 16:59:04	1	0	0	0	064:39:22.80 N	096:19:23.40 W	
Summer	C-GLYF	1010	DEPARTURE	08/19/2021 16:59:43	1	74	305	87	064:39:32.40 N	096:15:37.19 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:02:07	2	0	154	161	064:39:38.99 N	096:15:14.40 W	
Summer	C-GLYF	1010	ARRIVAL	08/19/2021 17:02:20	1	0	153	161	064:39:38.99 N	096:15:14.40 W	
Summer	C-GLYF	1010	DEPARTURE	08/19/2021 17:03:28	2	60	161	295	064:39:34.19 N	096:15:43.80 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:05:38	3	110	415	16	064:42:53.39 N	096:16:07.80 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:07:56	4	119	614	14	064:46:50.99 N	096:13:42.00 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:10:16	5	123	601	16	064:51:23.39 N	096:10:47.39 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:12:28	6	126	588	22	064:56:04.80 N	096:07:33.60 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:14:36	7	124	479	33	065:00:10.79 N	096:03:28.20 W	
Summer	C-GLYF	1010	SCHED	08/19/2021 17:16:43	8	0	140	222	065:01:27.60 N	096:04:19.19 W	
Summer	C-GLYF	1010	ARRIVAL	08/19/2021 17:17:18	2	0	139	222	065:01:27.60 N	096:04:19.19 W	
Summer	C-GLYF	1010	XML_FLIGHT_SUMMARY	08/19/2021 17:17:19	0	0	0	0			
Summer	C-GLYF	1011	POWER_ON	08/19/2021 17:35:34	NA	NA	NA	NA			
Summer	C-GLYF	1011	SCHED	08/19/2021 17:36:45	1	60	198	304	065:01:28.79 N	096:04:35.40 W	
Summer	C-GLYF	1011	DEPARTURE	08/19/2021 17:36:52	1	77	235	331	065:01:38.39 N	096:04:52.19 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:39:05	2	7	202	297	065:01:52.19 N	096:09:27.60 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:41:12	3	89	371	324	065:03:20.40 N	096:12:16.19 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:43:22	4	82	306	334	065:06:02.39 N	096:16:33.00 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:45:32	5	0	149	354	065:06:26.39 N	096:17:22.80 W	
Summer	C-GLYF	1011	ARRIVAL	08/19/2021 17:46:06	1	0	147	354	065:06:26.39 N	096:17:22.80 W	
Summer	C-GLYF	1011	XML_FLIGHT_SUMMARY	08/19/2021 17:46:07	0	0	0	0			
Summer	C-GLYF	1011	SCHED	08/19/2021 17:48:19	6	0	144	195	065:06:26.39 N	096:17:23.40 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:50:25	7	0	143	195	065:06:26.39 N	096:17:23.40 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:52:32	8	0	141	195	065:06:26.39 N	096:17:23.40 W	
Summer	C-GLYF	1011	SCHED	08/19/2021 17:54:43	9	0	146	204	065:06:26.39 N	096:17:23.40 W	
Summer	C-GLYF	1012	POWER_ON	08/19/2021 17:59:57	NA	NA	NA	NA			
Summer	C-GLYF	1012	SCHED	08/19/2021 18:00:38	1	0	146	0	065:06:26.39 N	096:17:22.80 W	
Summer	C-GLYF	1012	DEPARTURE	08/19/2021 18:02:17	1	62	259	135	065:06:11.40 N	096:17:07.19 W	
Summer	C-GLYF	1012	SCHED	08/19/2021 18:04:32	2	68	386	140	065:04:05.40 N	096:12:58.20 W	
Summer	C-GLYF	1012	SCHED	08/19/2021 18:06:44	3	44	265	154	065:02:03.60 N	096:09:27.60 W	
Summer	C-GLYF	1012	SCHED	08/19/2021 18:09:03	4	96	417	98	065:02:36.00 N	096:07:15.59 W	
Summer	C-GLYF	1012	SCHED	08/19/2021 18:11:15	5	3	154	141	065:01:27.60 N	096:04:18.59 W	
Summer	C-GLYF	1012	ARRIVAL	08/19/2021 18:13:23	1	0	145	65	065:01:27.60 N	096:04:19.19 W	
Summer	C-GLYF	1012	XML_FLIGHT_SUMMARY	08/19/2021 18:13:24	0	0	0	0			
Summer	C-GLYF	1012	SCHED	08/19/2021 18:13:32	6	0	145	65	065:01:27.60 N	096:04:19.19 W	
Summer	C-GLYF	1013	POWER_ON	08/19/2021 23:01:07	NA	NA	NA	NA			
Summer	C-GLYF	1013	SCHED	08/19/2021 23:02:29	1	0	0	0	065:01:27.60 N	096:04:19.19 W	
Summer	C-GLYF	1013	DEPARTURE	08/19/2021 23:03:11	1	98	382	308	065:02:26.40 N	096:06:41.99 W	
Summer	C-GLYF	1013	SCHED	08/19/2021 23:05:20	2	119	403	313	065:04:52.80 N	096:13:56.99 W	

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1013	SCHED	08/19/2021 23:07:30	3	0	177	254	065:06:16.79 N	096:17:14.39 W
Summer	C-GLYF	1013	SCHED	08/19/2021 23:09:39	4	1	154	128	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1013	ARRIVAL	08/19/2021 23:10:26	1	0	145	137	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1013	XML_FLIGHT_SUMMARY	08/19/2021 23:10:27	0	0	0	0		
Summer	C-GLYF	1013	SCHED	08/19/2021 23:12:33	5	0	141	92	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1013	SCHED	08/19/2021 23:14:42	6	0	138	92	065:06:16.19 N	096:17:13.79 W
Summer	C-GLYF	1013	SCHED	08/19/2021 23:16:52	7	0	141	39	065:06:16.19 N	096:17:13.79 W
Summer	C-GLYF	1013	SCHED	08/19/2021 23:18:59	8	0	141	39	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1013	SCHED	08/19/2021 23:21:07	9	0	140	39	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1014	DEPARTURE	08/19/2021 23:22:08	2	65	196	145	065:05:59.40 N	096:17:04.79 W
Summer	C-GLYF	1014	SCHED	08/19/2021 23:24:20	10	103	432	124	065:04:02.99 N	096:10:48.00 W
Summer	C-GLYF	1014	SCHED	08/19/2021 23:26:33	11	60	220	137	065:01:42.59 N	096:04:50.99 W
Summer	C-GLYF	1014	ARRIVAL	08/19/2021 23:27:55	2	0	132	203	065:01:27.00 N	096:04:19.79 W
Summer	C-GLYF	1014	XML_FLIGHT_SUMMARY	08/19/2021 23:27:56	0	0	0	0		
Summer	C-GLYF	1015	POWER_ON	08/20/2021 11:02:19	NA	NA	NA	NA		
Summer	C-GLYF	1015	SCHED	08/20/2021 11:04:09	1	0	0	40	065:01:33.59 N	096:03:53.99 W
Summer	C-GLYF	1015	DEPARTURE	08/20/2021 11:04:30	1	97	0	273	065:01:23.40 N	096:04:58.20 W
Summer	C-GLYF	1015	SCHED	08/20/2021 11:06:42	2	123	320	311	065:04:08.40 N	096:11:58.80 W
Summer	C-GLYF	1015	SCHED	08/20/2021 11:08:57	3	1	152	247	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1015	ARRIVAL	08/20/2021 11:10:17	1	0	150	145	065:06:15.59 N	096:17:13.79 W
Summer	C-GLYF	1015	XML_FLIGHT_SUMMARY	08/20/2021 11:10:18	0	0	0	0		
Summer	C-GLYF	1015	SCHED	08/20/2021 11:12:24	4	0	147	173	065:06:15.59 N	096:17:14.39 W
Summer	C-GLYF	1015	SCHED	08/20/2021 11:14:33	5	0	146	173	065:06:15.59 N	096:17:14.39 W
Summer	C-GLYF	1016	DEPARTURE	08/20/2021 11:15:19	2	65	180	145	065:05:59.99 N	096:16:59.40 W
Summer	C-GLYF	1016	SCHED	08/20/2021 11:17:27	6	101	270	129	065:03:45.00 N	096:10:25.20 W
Summer	C-GLYF	1016	SCHED	08/20/2021 11:20:17	7	2	136	282	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1016	ARRIVAL	08/20/2021 11:21:04	2	0	134	282	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1016	XML_FLIGHT_SUMMARY	08/20/2021 11:21:05	0	0	0	0		
Summer	C-GLYF	1017	POWER_ON	08/20/2021 11:28:49	NA	NA	NA	NA		
Summer	C-GLYF	1017	SCHED	08/20/2021 11:29:25	1	0	147	8	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:32:40	2	31	194	255	065:01:19.20 N	096:04:33.00 W
Summer	C-GLYF	1017	DEPARTURE	08/20/2021 11:32:58	1	80	249	333	065:01:27.60 N	096:05:04.79 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:35:06	3	77	240	311	065:04:10.20 N	096:11:45.00 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:37:13	4	74	251	329	065:06:06.00 N	096:16:38.39 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:39:22	5	7	192	206	065:06:15.59 N	096:17:17.39 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:41:40	6	69	260	132	065:04:45.00 N	096:13:25.80 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:43:47	7	55	247	129	065:03:11.99 N	096:08:51.59 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:45:54	8	51	232	150	065:01:47.39 N	096:05:13.20 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:48:09	9	61	224	35	065:01:31.19 N	096:04:49.19 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:50:16	10	106	236	315	065:01:57.60 N	096:04:00.60 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:52:27	11	111	204	309	065:04:15.59 N	096:11:25.20 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:54:34	12	14	158	180	065:06:16.79 N	096:17:13.79 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:56:45	13	87	215	128	065:05:48.60 N	096:16:12.60 W
Summer	C-GLYF	1017	SCHED	08/20/2021 11:58:54	14	101	225	128	065:03:28.20 N	096:09:26.39 W
Summer	C-GLYF	1017	SCHED	08/20/2021 12:01:05	15	18	164	158	065:01:28.79 N	096:04:19.79 W
Summer	C-GLYF	1017	ARRIVAL	08/20/2021 12:02:06	1	0	145	164	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1017	XML_FLIGHT_SUMMARY	08/20/2021 12:02:07	0	0	0	0		
Summer	C-GLYF	1018	POWER_ON	08/20/2021 19:42:48	NA	NA	NA	NA		
Summer	C-GLYF	1018	SCHED	08/20/2021 19:45:12	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1018	DEPARTURE	08/20/2021 19:45:40	1	112	363	307	065:02:28.20 N	096:05:31.19 W
Summer	C-GLYF	1018	SCHED	08/20/2021 19:47:47	2	128	350	309	065:05:01.79 N	096:13:49.79 W
Summer	C-GLYF	1018	SCHED	08/20/2021 19:50:50	3	0	166	272	065:06:10.79 N	096:16:57.60 W
Summer	C-GLYF	1018	ARRIVAL	08/20/2021 19:50:59	1	0	166	272	065:06:10.79 N	096:16:57.60 W
Summer	C-GLYF	1018	XML_FLIGHT_SUMMARY	08/20/2021 19:51:00	0	0	0	0		
Summer	C-GLYF	1018	SCHED	08/20/2021 19:53:09	4	0	148	214	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1019	POWER_ON	08/20/2021 20:25:46	NA	NA	NA	NA		
Summer	C-GLYF	1019	SCHED	08/20/2021 20:26:23	1	0	162	0	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:30:59	2	35	210	61	065:06:13.79 N	096:17:19.79 W
Summer	C-GLYF	1019	DEPARTURE	08/20/2021 20:31:09	1	33	210	65	065:06:14.39 N	096:17:16.20 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:33:32	3	0	178	166	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:35:44	4	54	232	265	065:06:13.20 N	096:17:27.60 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:38:45	5	1	179	157	065:06:09.00 N	096:17:46.19 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:40:55	6	1	207	123	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:43:49	7	9	224	358	065:06:15.00 N	096:17:05.99 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:45:57	8	0	145	123	065:06:11.40 N	096:17:29.39 W
Summer	C-GLYF	1019	ARRIVAL	08/20/2021 20:46:33	1	0	144	123	065:06:11.40 N	096:17:29.39 W
Summer	C-GLYF	1019	SCHED	08/20/2021 20:48:41	9	0	171	221	065:06:15.59 N	096:17:00.00 W
Summer	C-GLYF	1019	POWER_ON	08/20/2021 21:26:13	NA	NA	NA	NA		
Summer	C-GLYF	1019	SCHED	08/20/2021 21:26:49	1	0	165	82	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1019	DEPARTURE	08/20/2021 21:27:21	1	50	177	271	065:06:12.60 N	096:17:32.39 W
Summer	C-GLYF	1019	ARRIVAL	08/20/2021 21:29:00	1	0	132	260	065:06:15.00 N	096:17:49.79 W
Summer	C-GLYF	1019	DEPARTURE	08/20/2021 21:30:55	2	66	179	128	065:06:04.79 N	096:17:16.20 W
Summer	C-GLYF	1019	SCHED	08/20/2021 21:33:03	2	97	300	128	065:04:10.20 N	096:11:31.79 W
Summer	C-GLYF	1019	SCHED	08/20/2021 21:35:11	3	84	304	142	065:01:57.60 N	096:05:13.20 W
Summer	C-GLYF	1019	ARRIVAL	08/20/2021 21:36:57	2	0	138	109	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1019	XML_FLIGHT_SUMMARY	08/20/2021 21:36:58	0	0	0	0		
Summer	C-GLYF	1020	POWER_ON	08/20/2021 21:59:57	NA	NA	NA	NA		
Summer	C-GLYF	1020	SCHED	08/20/2021 22:00:34	1	0	135	115	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1020	DEPARTURE	08/20/2021 22:01:43	1	85	216	328	065:01:36.59 N	096:04:58.20 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:03:57	2	1	182	260	065:01:52.19 N	096:09:25.80 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:06:11	3	78	294	321	065:03:14.99 N	096:12:26.99 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:08:19	4	87	292	336	065:05:46.19 N	096:16:17.39 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:10:26	5	1	176	263	065:06:15.00 N	096:17:16.20 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:12:33	6	70	260	143	065:04:52.19 N	096:14:52.19 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:14:40	7	80	266	141	065:02:47.39 N	096:10:54.59 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:16:53	8	1	186	146	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:19:07	9	81	293	328	065:03:28.20 N	096:12:51.00 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:21:16	10	70	242	342	065:06:16.19 N	096:16:55.80 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:23:28	11	74	250	142	065:05:44.40 N	096:16:20.40 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:25:37	12	80	265	144	065:03:27.00 N	096:12:01.20 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:27:48	13	1	194	134	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:30:03	14	94	314	326	065:02:49.19 N	096:11:38.99 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:32:15	15	93	308	336	065:05:52.19 N	096:16:18.60 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:34:24	16	12	182	173	065:06:15.00 N	096:17:16.79 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:36:36	17	57	290	129	065:04:45.60 N	096:13:07.19 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:38:42	18	61	302	128	065:03:22.20 N	096:09:04.19 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:40:49	19	60	284	145	065:01:50.99 N	096:05:17.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1020	SCHED	08/20/2021 22:43:00	20	70	235	321	065:01:16.79 N	096:05:01.79 W
Summer	C-GLYF	1020	SCHED	08/20/2021 22:45:10	21	4	141	253	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1020	ARRIVAL	08/20/2021 22:46:00	1	0	134	275	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1020	XML_FLIGHT_SUMMARY	08/20/2021 22:46:01	0	0	0	0		
Summer	C-GLYF	1021	POWER_ON	08/20/2021 23:10:49	NA	NA	NA	NA		
Summer	C-GLYF	1021	SCHED	08/20/2021 23:11:33	1	0	133	145	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1021	DEPARTURE	08/20/2021 23:12:28	1	64	217	91	065:01:22.79 N	096:03:32.39 W
Summer	C-GLYF	1021	SCHED	08/20/2021 23:14:34	2	129	406	303	065:03:50.39 N	096:10:30.60 W
Summer	C-GLYF	1021	SCHED	08/20/2021 23:16:44	3	60	181	86	065:06:21.59 N	096:17:31.20 W
Summer	C-GLYF	1021	ARRIVAL	08/20/2021 23:17:59	1	0	140	279	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1021	XML_FLIGHT_SUMMARY	08/20/2021 23:18:00	0	0	0	0		
Summer	C-GLYF	1021	SCHED	08/20/2021 23:20:10	4	0	140	279	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1021	SCHED	08/20/2021 23:23:11	5	0	139	279	065:06:16.19 N	096:17:13.79 W
Summer	C-GLYF	1021	SCHED	08/20/2021 23:25:19	6	0	137	30	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1021	SCHED	08/20/2021 23:27:26	7	0	138	30	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1021	SCHED	08/20/2021 23:29:33	8	0	137	34	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1022	DEPARTURE	08/20/2021 23:30:15	2	74	197	136	065:05:59.40 N	096:16:58.80 W
Summer	C-GLYF	1022	SCHED	08/20/2021 23:33:18	9	108	313	126	065:03:03.59 N	096:08:21.60 W
Summer	C-GLYF	1022	SCHED	08/20/2021 23:35:27	10	0	136	160	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1022	ARRIVAL	08/20/2021 23:35:36	2	0	136	160	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1022	XML_FLIGHT_SUMMARY	08/20/2021 23:35:37	0	0	0	0		
Summer	C-GLYF	1023	POWER_ON	08/21/2021 11:02:17	NA	NA	NA	NA		
Summer	C-GLYF	1023	SCHED	08/21/2021 11:03:40	1	0	0	44	065:01:34.79 N	096:03:51.00 W
Summer	C-GLYF	1023	DEPARTURE	08/21/2021 11:04:44	1	74	205	326	065:01:43.19 N	096:04:15.60 W
Summer	C-GLYF	1023	SCHED	08/21/2021 11:06:56	2	108	265	309	065:04:03.59 N	096:11:04.19 W
Summer	C-GLYF	1023	SCHED	08/21/2021 11:09:04	3	23	174	110	065:06:18.00 N	096:17:17.39 W
Summer	C-GLYF	1023	SCHED	08/21/2021 11:11:11	4	1	153	116	065:06:15.59 N	096:17:14.39 W
Summer	C-GLYF	1023	SCHED	08/21/2021 11:13:26	5	1	165	152	065:06:16.19 N	096:17:13.79 W
Summer	C-GLYF	1023	SCHED	08/21/2021 11:16:08	6	0	145	167	065:06:15.59 N	096:17:15.00 W
Summer	C-GLYF	1023	ARRIVAL	08/21/2021 11:16:28	1	0	145	167	065:06:15.59 N	096:17:15.00 W
Summer	C-GLYF	1023	XML_FLIGHT_SUMMARY	08/21/2021 11:16:29	0	0	0	0		
Summer	C-GLYF	1023	SCHED	08/21/2021 11:18:34	7	0	147	163	065:06:15.59 N	096:17:15.00 W
Summer	C-GLYF	1023	SCHED	08/21/2021 11:20:40	8	30	154	172	065:06:13.79 N	096:17:14.39 W
Summer	C-GLYF	1024	DEPARTURE	08/21/2021 11:21:02	2	68	201	137	065:06:01.20 N	096:16:51.60 W
Summer	C-GLYF	1024	SCHED	08/21/2021 11:23:09	9	99	266	129	065:03:56.40 N	096:10:52.19 W
Summer	C-GLYF	1024	SCHED	08/21/2021 11:25:21	10	67	239	133	065:01:40.20 N	096:05:15.00 W
Summer	C-GLYF	1024	ARRIVAL	08/21/2021 11:26:56	2	0	147	125	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1024	XML_FLIGHT_SUMMARY	08/21/2021 11:26:57	0	0	0	0		
Summer	C-GLYF	1025	DEPARTURE	08/21/2021 11:28:31	3	72	258	315	065:01:42.00 N	096:04:26.99 W
Summer	C-GLYF	1025	SCHED	08/21/2021 11:30:43	11	102	293	308	065:04:02.99 N	096:11:22.80 W
Summer	C-GLYF	1025	SCHED	08/21/2021 11:32:53	12	28	217	48	065:06:15.00 N	096:17:26.39 W
Summer	C-GLYF	1025	SCHED	08/21/2021 11:35:43	13	78	301	128	065:05:43.80 N	096:15:47.39 W
Summer	C-GLYF	1025	SCHED	08/21/2021 11:37:52	14	78	301	131	065:03:45.00 N	096:09:57.60 W
Summer	C-GLYF	1025	SCHED	08/21/2021 11:39:57	15	71	272	153	065:01:51.60 N	096:05:21.00 W
Summer	C-GLYF	1025	SCHED	08/21/2021 11:42:05	16	10	202	84	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	1025	ARRIVAL	08/21/2021 11:44:15	3	0	148	237	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1025	XML_FLIGHT_SUMMARY	08/21/2021 11:44:16	0	0	0	0		
Summer	C-GLYF	1025	SCHED	08/21/2021 11:44:23	17	0	148	237	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1026	POWER_ON	08/21/2021 16:45:25	NA	NA	NA	NA		
Summer	C-GLYF	1026	SCHED	08/21/2021 16:46:07	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1026	DEPARTURE	08/21/2021 16:47:25	1	66	210	320	065:01:40.80 N	096:04:13.79 W
Summer	C-GLYF	1026	SCHED	08/21/2021 16:49:34	2	15	252	92	065:01:52.19 N	096:09:35.99 W
Summer	C-GLYF	1026	SCHED	08/21/2021 16:51:48	3	47	227	27	065:01:54.00 N	096:09:17.39 W
Summer	C-GLYF	1026	SCHED	08/21/2021 16:53:58	4	122	318	319	065:04:53.99 N	096:15:23.99 W
Summer	C-GLYF	1026	SCHED	08/21/2021 16:56:09	5	0	145	198	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1026	ARRIVAL	08/21/2021 16:56:20	1	0	145	198	065:06:16.19 N	096:17:14.39 W
Summer	C-GLYF	1026	XML_FLIGHT_SUMMARY	08/21/2021 16:56:21	0	0	0	0		
Summer	C-GLYF	1027	POWER_ON	08/21/2021 17:26:31	NA	NA	NA	NA		
Summer	C-GLYF	1027	SCHED	08/21/2021 17:27:08	1	0	141	356	065:06:15.59 N	096:17:14.39 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:30:17	2	1	177	38	065:06:15.59 N	096:17:15.00 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:32:27	3	14	165	128	065:06:15.59 N	096:17:03.00 W
Summer	C-GLYF	1027	DEPARTURE	08/21/2021 17:34:28	1	60	173	341	065:06:10.79 N	096:17:25.20 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:37:28	4	1	199	99	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:39:45	5	10	190	158	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:41:56	6	0	206	140	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:44:07	7	7	202	114	065:06:14.39 N	096:17:03.00 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:47:07	8	0	199	99	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1027	ARRIVAL	08/21/2021 17:47:26	1	0	199	99	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:49:32	9	0	200	94	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:51:40	10	0	176	149	065:06:15.00 N	096:17:16.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:54:38	11	6	210	105	065:06:14.39 N	096:17:03.00 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:56:46	12	20	201	13	065:06:15.00 N	096:17:01.19 W
Summer	C-GLYF	1027	SCHED	08/21/2021 17:58:54	13	13	187	162	065:06:16.19 N	096:17:17.39 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:01:05	14	0	175	132	065:06:15.59 N	096:17:16.20 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:04:10	15	13	188	87	065:06:15.00 N	096:17:13.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:06:19	16	1	205	120	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:08:35	17	0	199	101	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1027	DEPARTURE	08/21/2021 18:09:01	2	28	200	177	065:06:18.00 N	096:17:19.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:11:08	18	4	177	144	065:06:15.00 N	096:17:17.39 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:13:18	19	0	172	117	065:06:15.00 N	096:17:16.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:16:14	20	3	211	137	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:18:20	21	0	205	119	065:06:14.39 N	096:17:04.19 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:20:29	22	14	203	171	065:06:16.19 N	096:17:18.59 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:22:45	23	24	210	165	065:06:17.39 N	096:17:19.20 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:24:54	24	19	213	143	065:06:16.19 N	096:17:21.00 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:27:01	25	4	176	120	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:29:08	26	21	216	158	065:06:17.39 N	096:17:18.59 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:31:33	27	104	342	128	065:04:59.99 N	096:14:00.00 W
Summer	C-GLYF	1027	SCHED	08/21/2021 18:35:21	28	1	143	298	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1027	ARRIVAL	08/21/2021 18:36:03	2	0	143	298	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1027	XML_FLIGHT_SUMMARY	08/21/2021 18:36:04	0	0	0	0		
Summer	C-GLYF	1028	POWER_ON	08/21/2021 18:45:48	NA	NA	NA	NA		
Summer	C-GLYF	1028	SCHED	08/21/2021 18:46:25	1	0	149	181	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1028	DEPARTURE	08/21/2021 18:47:03	1	66	217	315	065:01:39.59 N	096:04:26.39 W
Summer	C-GLYF	1028	SCHED	08/21/2021 18:49:12	2	119	376	307	065:04:01.79 N	096:11:51.00 W
Summer	C-GLYF	1028	SCHED	08/21/2021 18:51:20	3	12	161	105	065:06:16.19 N	096:17:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1028	SCHED	08/21/2021 18:53:30	4	0	208	91	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1028	SCHED	08/21/2021 18:55:39	5	1	209	116	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1028	SCHED	08/21/2021 18:57:49	6	1	177	82	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1028	SCHED	08/21/2021 18:59:58	7	1	181	141	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:02:05	8	51	216	212	065:06:21.59 N	096:17:25.20 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:04:13	9	38	219	24	065:06:15.59 N	096:16:58.19 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:06:33	10	1	204	112	065:06:13.79 N	096:17:01.79 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:08:41	11	1	204	97	065:06:13.79 N	096:17:02.39 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:10:48	12	4	193	189	065:06:18.59 N	096:17:18.59 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:13:37	13	6	294	93	065:06:16.19 N	096:17:06.60 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:15:52	14	8	196	140	065:06:20.39 N	096:17:22.19 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:18:02	15	3	281	355	065:06:18.59 N	096:17:19.20 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:20:09	16	48	218	308	065:06:24.59 N	096:17:12.60 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:22:19	17	13	261	130	065:06:15.59 N	096:17:03.60 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:24:28	18	9	239	200	065:06:19.80 N	096:16:56.39 W
Summer	C-GLYF	1028	SCHED	08/21/2021 19:26:36	19	0	142	95	065:06:16.19 N	096:17:10.80 W
Summer	C-GLYF	1028	ARRIVAL	08/21/2021 19:27:11	1	0	140	95	065:06:16.19 N	096:17:10.80 W
Summer	C-GLYF	1028	XML_FLIGHT_SUMMARY	08/21/2021 19:27:12	0	0	0	0		
Summer	C-GLYF	1028	SCHED	08/21/2021 19:29:18	20	0	136	95	065:06:15.59 N	096:17:11.40 W
Summer	C-GLYF	1029	DEPARTURE	08/21/2021 19:30:21	2	41	174	176	065:06:19.80 N	096:17:30.00 W
Summer	C-GLYF	1029	SCHED	08/21/2021 19:32:29	21	0	168	283	065:06:15.59 N	096:17:02.39 W
Summer	C-GLYF	1029	ARRIVAL	08/21/2021 19:33:05	2	0	169	283	065:06:15.59 N	096:17:02.39 W
Summer	C-GLYF	1029	SCHED	08/21/2021 19:35:59	22	1	206	336	065:06:14.39 N	096:17:03.00 W
Summer	C-GLYF	1029	SCHED	08/21/2021 19:38:08	23	0	175	101	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1029	SCHED	08/21/2021 19:40:19	24	0	170	342	065:06:15.59 N	096:17:02.39 W
Summer	C-GLYF	1029	POWER_ON	08/21/2021 20:15:45	NA	NA	NA	NA		
Summer	C-GLYF	1029	SCHED	08/21/2021 20:16:22	1	0	167	178	065:06:15.59 N	096:17:01.79 W
Summer	C-GLYF	1029	DEPARTURE	08/21/2021 20:17:04	1	65	239	150	065:06:02.39 N	096:16:37.80 W
Summer	C-GLYF	1029	SCHED	08/21/2021 20:19:12	2	113	295	147	065:03:03.59 N	096:11:47.39 W
Summer	C-GLYF	1029	SCHED	08/21/2021 20:21:26	3	0	150	74	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1029	ARRIVAL	08/21/2021 20:21:37	1	0	150	74	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1029	XML_FLIGHT_SUMMARY	08/21/2021 20:21:38	0	0	0	0		
Summer	C-GLYF	1030	DEPARTURE	08/21/2021 20:22:33	2	65	217	26	065:02:05.99 N	096:09:12.60 W
Summer	C-GLYF	1030	SCHED	08/21/2021 20:24:57	4	5	146	79	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1030	ARRIVAL	08/21/2021 20:25:36	2	0	141	146	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1030	POWER_ON	08/21/2021 22:36:33	NA	NA	NA	NA		
Summer	C-GLYF	1030	SCHED	08/21/2021 22:37:14	1	0	130	274	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1030	SCHED	08/21/2021 22:39:24	2	0	132	337	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1030	POWER_ON	08/21/2021 23:05:14	NA	NA	NA	NA		
Summer	C-GLYF	1030	SCHED	08/21/2021 23:05:58	1	0	142	121	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1030	DEPARTURE	08/21/2021 23:06:43	1	64	210	315	065:01:40.20 N	096:04:26.99 W
Summer	C-GLYF	1030	SCHED	08/21/2021 23:08:51	2	118	376	311	065:04:01.79 N	096:11:17.39 W
Summer	C-GLYF	1030	SCHED	08/21/2021 23:10:57	3	22	185	353	065:06:13.79 N	096:16:56.39 W
Summer	C-GLYF	1030	ARRIVAL	08/21/2021 23:12:05	1	0	169	270	065:06:15.59 N	096:17:02.39 W
Summer	C-GLYF	1030	XML_FLIGHT_SUMMARY	08/21/2021 23:12:06	0	0	0	0		
Summer	C-GLYF	1031	DEPARTURE	08/21/2021 23:14:12	2	58	180	258	065:06:22.19 N	096:17:14.39 W
Summer	C-GLYF	1031	ARRIVAL	08/21/2021 23:15:58	2	0	159	213	065:06:15.59 N	096:17:02.39 W
Summer	C-GLYF	1031	SCHED	08/21/2021 23:18:12	4	0	161	213	065:06:15.59 N	096:17:01.79 W
Summer	C-GLYF	1031	SCHED	08/21/2021 23:20:18	5	0	162	96	065:06:15.59 N	096:17:01.79 W
Summer	C-GLYF	1031	SCHED	08/21/2021 23:22:29	6	8	167	250	065:06:15.59 N	096:17:03.60 W
Summer	C-GLYF	1031	DEPARTURE	08/21/2021 23:23:04	3	76	224	137	065:05:58.20 N	096:16:45.00 W
Summer	C-GLYF	1031	SCHED	08/21/2021 23:26:02	7	112	406	127	065:02:58.80 N	096:08:02.39 W
Summer	C-GLYF	1031	SCHED	08/21/2021 23:28:17	8	0	123	118	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1031	ARRIVAL	08/21/2021 23:28:50	3	0	123	118	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1031	XML_FLIGHT_SUMMARY	08/21/2021 23:28:51	0	0	0	0		
Summer	C-GLYF	1032	POWER_ON	08/22/2021 10:57:34	NA	NA	NA	NA		
Summer	C-GLYF	1032	SCHED	08/22/2021 10:58:18	1	0	0	0	065:01:36.00 N	096:03:46.19 W
Summer	C-GLYF	1032	DEPARTURE	08/22/2021 10:59:21	1	83	0	279	065:01:36.59 N	096:04:49.79 W
Summer	C-GLYF	1032	SCHED	08/22/2021 11:01:31	2	100	329	309	065:03:39.60 N	096:10:33.60 W
Summer	C-GLYF	1032	SCHED	08/22/2021 11:03:55	3	90	251	307	065:05:53.99 N	096:17:15.00 W
Summer	C-GLYF	1032	ARRIVAL	08/22/2021 11:05:29	1	0	146	75	065:06:25.80 N	096:17:24.00 W
Summer	C-GLYF	1032	XML_FLIGHT_SUMMARY	08/22/2021 11:05:30	0	0	0	0		
Summer	C-GLYF	1032	SCHED	08/22/2021 11:07:40	4	6	176	252	065:06:14.39 N	096:16:58.80 W
Summer	C-GLYF	1032	SCHED	08/22/2021 11:09:47	5	0	166	261	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1032	SCHED	08/22/2021 11:11:57	6	0	157	209	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1032	SCHED	08/22/2021 11:14:05	7	0	161	307	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1032	SCHED	08/22/2021 11:16:11	8	0	167	352	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1033	DEPARTURE	08/22/2021 11:17:46	2	80	234	140	065:06:13.79 N	096:16:27.00 W
Summer	C-GLYF	1033	SCHED	08/22/2021 11:20:00	9	118	398	130	065:03:38.39 N	096:09:55.79 W
Summer	C-GLYF	1033	SCHED	08/22/2021 11:22:09	10	3	164	177	065:01:25.20 N	096:04:11.40 W
Summer	C-GLYF	1033	ARRIVAL	08/22/2021 11:23:15	2	0	147	283	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1033	XML_FLIGHT_SUMMARY	08/22/2021 11:23:16	0	0	0	0		
Summer	C-GLYF	1034	POWER_ON	08/22/2021 11:32:24	NA	NA	NA	NA		
Summer	C-GLYF	1034	SCHED	08/22/2021 11:33:02	1	0	144	240	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1034	DEPARTURE	08/22/2021 11:34:44	1	68	258	214	065:01:25.79 N	096:04:50.40 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:36:56	2	47	225	324	065:01:30.00 N	096:04:40.80 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:39:05	3	50	341	306	065:02:54.60 N	096:08:18.00 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:41:11	4	51	317	306	065:04:00.00 N	096:11:48.00 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:43:18	5	43	330	312	065:05:01.79 N	096:14:52.80 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:45:25	6	26	265	344	065:06:04.79 N	096:17:03.00 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:47:35	7	2	185	23	065:06:26.39 N	096:17:25.79 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:49:42	8	92	335	146	065:05:10.20 N	096:15:20.99 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:51:51	9	97	331	147	065:02:16.79 N	096:10:49.20 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:54:02	10	47	226	325	065:02:01.80 N	096:09:30.00 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:56:09	11	76	286	320	065:03:53.40 N	096:13:07.80 W
Summer	C-GLYF	1034	SCHED	08/22/2021 11:58:24	12	68	277	322	065:05:55.79 N	096:16:55.20 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:00:31	13	2	216	88	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:02:40	14	102	341	147	065:04:56.99 N	096:14:37.79 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:04:49	15	71	329	141	065:02:01.19 N	096:10:09.00 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:07:00	16	60	284	322	065:02:16.20 N	096:10:01.79 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:09:08	17	71	317	320	065:04:10.79 N	096:13:54.59 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:11:15	18	34	263	348	065:06:07.79 N	096:17:04.79 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:13:22	19	33	222	71	065:06:16.19 N	096:16:55.20 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:16:21	20	93	383	129	065:03:48.00 N	096:10:19.19 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:18:32	21	31	232	95	065:01:17.99 N	096:04:43.19 W
Summer	C-GLYF	1034	SCHED	08/22/2021 12:20:41	22	2	165	134	065:01:27.60 N	096:04:19.19 W
Summer	C-GLYF	1034	ARRIVAL	08/22/2021 12:21:49	1	0	147	212	065:01:27.00 N	096:04:18.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1034	XML_FLIGHT_SUMMARY	08/22/2021 12:21:50	0	0	0	0		
Summer	C-GLYF	1035	POWER_ON	08/22/2021 13:42:07	NA	NA	NA	NA		
Summer	C-GLYF	1035	SCHED	08/22/2021 13:44:34	1	62	268	333	065:01:55.19 N	096:04:42.60 W
Summer	C-GLYF	1035	DEPARTURE	08/22/2021 13:44:43	1	51	214	341	065:01:41.39 N	096:04:28.80 W
Summer	C-GLYF	1035	SCHED	08/22/2021 13:46:51	2	94	353	305	065:04:16.79 N	096:12:00.59 W
Summer	C-GLYF	1035	SCHED	08/22/2021 13:49:00	3	17	164	19	065:06:13.20 N	096:17:19.20 W
Summer	C-GLYF	1035	ARRIVAL	08/22/2021 13:50:17	1	0	143	15	065:06:14.39 N	096:17:15.00 W
Summer	C-GLYF	1035	XML_FLIGHT_SUMMARY	08/22/2021 13:50:18	0	0	0	0		
Summer	C-GLYF	1035	SCHED	08/22/2021 13:52:31	4	23	150	46	065:06:15.00 N	096:18:14.39 W
Summer	C-GLYF	1036	DEPARTURE	08/22/2021 13:53:41	2	55	178	121	065:06:22.80 N	096:17:38.39 W
Summer	C-GLYF	1036	SCHED	08/22/2021 13:55:51	5	0	133	100	065:06:07.20 N	096:18:03.00 W
Summer	C-GLYF	1036	ARRIVAL	08/22/2021 13:56:17	2	0	132	100	065:06:07.20 N	096:18:03.00 W
Summer	C-GLYF	1036	POWER_ON	08/22/2021 14:03:35	NA	NA	NA	NA		
Summer	C-GLYF	1036	SCHED	08/22/2021 14:05:02	1	25	173	64	065:06:08.39 N	096:18:00.60 W
Summer	C-GLYF	1036	DEPARTURE	08/22/2021 14:06:06	1	36	194	69	065:06:12.60 N	096:17:30.60 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:08:15	2	31	181	70	065:06:07.79 N	096:17:56.40 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:11:20	3	0	175	41	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:13:27	4	7	188	10	065:06:06.59 N	096:18:02.39 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:15:36	5	51	206	70	065:06:10.79 N	096:17:40.80 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:17:53	6	20	207	265	065:06:06.00 N	096:18:00.60 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:20:03	7	6	181	55	065:06:15.00 N	096:17:17.39 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:22:10	8	43	180	87	065:06:07.79 N	096:17:53.99 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:24:24	9	3	139	109	065:06:11.40 N	096:17:36.59 W
Summer	C-GLYF	1036	ARRIVAL	08/22/2021 14:25:06	1	0	138	133	065:06:11.40 N	096:17:36.00 W
Summer	C-GLYF	1036	DEPARTURE	08/22/2021 14:26:07	2	80	207	190	065:06:12.00 N	096:17:56.40 W
Summer	C-GLYF	1036	ARRIVAL	08/22/2021 14:27:23	2	0	141	84	065:06:07.20 N	096:18:03.00 W
Summer	C-GLYF	1036	POWER_ON	08/22/2021 14:45:36	NA	NA	NA	NA		
Summer	C-GLYF	1036	SCHED	08/22/2021 14:46:14	1	0	143	147	065:06:07.20 N	096:18:03.00 W
Summer	C-GLYF	1036	DEPARTURE	08/22/2021 14:47:07	1	65	192	96	065:06:10.20 N	096:17:22.80 W
Summer	C-GLYF	1036	ARRIVAL	08/22/2021 14:48:33	1	0	164	15	065:06:15.00 N	096:16:59.40 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:51:35	2	0	161	15	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:54:33	3	0	157	15	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:56:47	4	0	155	15	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1036	SCHED	08/22/2021 14:58:55	5	0	155	15	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1036	SCHED	08/22/2021 15:01:05	6	0	155	15	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1036	SCHED	08/22/2021 15:03:14	7	0	156	13	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1036	DEPARTURE	08/22/2021 15:04:11	2	75	262	143	065:06:12.60 N	096:16:29.39 W
Summer	C-GLYF	1036	SCHED	08/22/2021 15:06:17	8	117	424	131	065:03:45.60 N	096:10:13.20 W
Summer	C-GLYF	1036	SCHED	08/22/2021 15:08:26	9	93	407	193	065:01:23.40 N	096:02:55.20 W
Summer	C-GLYF	1036	SCHED	08/22/2021 15:10:39	10	0	138	309	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1036	ARRIVAL	08/22/2021 15:10:59	2	0	137	309	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1036	XML_FLIGHT_SUMMARY	08/22/2021 15:11:00	0	0	0	0		
Summer	C-GLYF	1037	POWER_ON	08/22/2021 17:08:14	NA	NA	NA	NA		
Summer	C-GLYF	1037	SCHED	08/22/2021 17:08:57	1	0	145	318	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1037	DEPARTURE	08/22/2021 17:10:18	1	46	222	323	065:01:37.80 N	096:04:20.40 W
Summer	C-GLYF	1037	SCHED	08/22/2021 17:12:26	2	91	427	307	065:03:33.00 N	096:10:12.59 W
Summer	C-GLYF	1037	SCHED	08/22/2021 17:14:33	3	86	339	318	065:05:36.60 N	096:16:21.59 W
Summer	C-GLYF	1037	ARRIVAL	08/22/2021 17:16:26	1	0	171	355	065:06:15.00 N	096:16:59.40 W
Summer	C-GLYF	1037	XML_FLIGHT_SUMMARY	08/22/2021 17:16:27	0	0	0	0		
Summer	C-GLYF	1038	POWER_ON	08/22/2021 17:38:24	NA	NA	NA	NA		
Summer	C-GLYF	1038	SCHED	08/22/2021 17:39:05	1	0	165	353	065:06:15.00 N	096:16:59.40 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:41:15	2	1	199	17	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:43:22	3	1	212	93	065:06:15.00 N	096:17:01.19 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:45:30	4	0	165	30	065:06:15.00 N	096:16:58.80 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:47:37	5	0	163	290	065:06:15.00 N	096:16:58.80 W
Summer	C-GLYF	1038	DEPARTURE	08/22/2021 17:48:10	1	71	212	231	065:06:13.20 N	096:17:37.80 W
Summer	C-GLYF	1038	ARRIVAL	08/22/2021 17:49:24	1	0	137	122	065:06:06.59 N	096:18:02.39 W
Summer	C-GLYF	1038	DEPARTURE	08/22/2021 17:50:32	2	50	179	86	065:06:09.00 N	096:17:25.20 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:52:45	6	7	208	211	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:54:54	7	35	181	73	065:06:07.79 N	096:17:56.99 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:57:04	8	6	183	16	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 17:59:13	9	20	225	301	065:06:16.19 N	096:17:04.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:01:29	10	36	192	70	065:06:08.39 N	096:17:56.40 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:03:51	11	0	178	355	065:06:07.20 N	096:18:01.19 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:06:01	12	2	207	43	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:08:08	13	30	220	262	065:06:04.20 N	096:17:55.80 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:10:16	14	1	206	77	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:12:23	15	9	178	65	065:06:07.79 N	096:18:00.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:14:45	16	12	190	4	065:06:06.00 N	096:18:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:16:54	17	70	246	226	065:06:12.00 N	096:17:34.19 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:19:07	18	6	209	337	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:21:15	19	36	186	73	065:06:09.00 N	096:17:52.80 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:23:23	20	2	184	51	065:06:07.79 N	096:18:01.19 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:27:04	21	1	183	341	065:06:07.20 N	096:18:00.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:29:18	22	52	225	238	065:06:05.40 N	096:17:50.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:31:26	23	19	211	312	065:06:15.59 N	096:17:03.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:33:36	24	4	210	36	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:35:47	25	0	176	13	065:06:07.20 N	096:18:00.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:37:55	26	62	239	243	065:06:15.59 N	096:17:21.59 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:40:12	27	1	206	63	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:42:23	28	58	220	80	065:06:10.79 N	096:17:30.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:44:30	29	2	180	8	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:46:37	30	22	208	296	065:06:04.79 N	096:18:00.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:48:44	31	3	207	45	065:06:14.39 N	096:17:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:50:57	32	2	173	8	065:06:07.79 N	096:18:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:53:05	33	14	189	355	065:06:06.00 N	096:18:03.00 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:55:14	34	1	204	77	065:06:14.39 N	096:17:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:57:23	35	58	225	81	065:06:10.79 N	096:17:25.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 18:59:41	36	0	179	6	065:06:07.79 N	096:18:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:01:51	37	37	239	236	065:06:12.00 N	096:17:28.20 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:04:02	38	2	178	71	065:06:07.79 N	096:18:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:06:10	39	7	215	344	065:06:15.00 N	096:17:01.19 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:08:17	40	24	189	78	065:06:07.20 N	096:17:59.40 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:11:14	41	1	183	47	065:06:07.79 N	096:18:02.39 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:13:34	42	5	181	62	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:16:35	43	55	200	81	065:06:09.00 N	096:17:45.60 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:18:50	44	116	392	130	065:04:58.80 N	096:13:50.40 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:21:11	45	117	397	124	065:02:19.79 N	096:05:28.80 W
Summer	C-GLYF	1038	SCHED	08/22/2021 19:23:28	46	0	142	301	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1038	ARRIVAL	08/22/2021 19:23:45	2	0	142	301	065:01:24.59 N	096:04:15.00 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1038	XML_FLIGHT_SUMMARY	08/22/2021 19:23:46	0	0	0	0		
Summer	C-GLYF	1039	POWER_ON	08/22/2021 19:34:23	NA	NA	NA	NA		
Summer	C-GLYF	1039	SCHED	08/22/2021 19:35:43	1	0	142	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1039	DEPARTURE	08/22/2021 19:36:00	1	58	213	304	065:01:36.59 N	096:04:31.20 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:39:43	2	91	370	309	065:04:52.19 N	096:14:08.39 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:41:55	3	1	172	300	065:06:13.79 N	096:17:03.00 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:44:01	4	1	183	11	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:46:10	5	20	207	300	065:06:05.40 N	096:18:00.60 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:48:24	6	1	206	333	065:06:16.19 N	096:17:03.60 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:50:32	7	3	235	11	065:06:09.00 N	096:18:02.39 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:52:39	8	4	193	32	065:06:18.00 N	096:17:11.99 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:54:45	9	2	268	221	065:06:18.59 N	096:17:16.20 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:57:00	10	1	217	264	065:06:10.20 N	096:18:06.59 W
Summer	C-GLYF	1039	SCHED	08/22/2021 19:59:09	11	1	181	32	065:06:23.39 N	096:17:23.40 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:01:16	12	32	322	274	065:06:04.20 N	096:17:58.19 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:03:33	13	27	186	52	065:06:09.00 N	096:18:00.00 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:05:49	14	15	300	320	065:06:06.59 N	096:18:03.00 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:09:48	15	19	218	321	065:06:07.79 N	096:18:10.20 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:11:59	16	41	216	50	065:06:16.79 N	096:17:37.80 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:14:11	17	8	187	348	065:06:09.59 N	096:18:10.20 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:16:24	18	1	172	4	065:06:10.79 N	096:18:09.59 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:18:39	19	23	228	11	065:06:23.39 N	096:17:27.60 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:20:55	20	24	172	85	065:06:10.79 N	096:18:07.80 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:23:01	21	0	171	345	065:06:10.79 N	096:18:09.59 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:25:24	22	6	183	1	065:06:10.20 N	096:18:09.59 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:27:31	23	68	235	197	065:06:21.59 N	096:17:51.00 W
Summer	C-GLYF	1039	SCHED	08/22/2021 20:29:45	24	22	159	49	065:06:07.20 N	096:18:00.00 W
Summer	C-GLYF	1039	ARRIVAL	08/22/2021 20:31:15	1	0	149	28	065:06:21.59 N	096:17:33.00 W
Summer	C-GLYF	1039	XML_FLIGHT_SUMMARY	08/22/2021 20:31:16	0	0	0	0		
Summer	C-GLYF	1040	DEPARTURE	08/22/2021 20:32:08	2	68	188	184	065:06:09.59 N	096:17:52.80 W
Summer	C-GLYF	1040	ARRIVAL	08/22/2021 20:34:15	2	0	144	49	065:06:06.59 N	096:18:02.39 W
Summer	C-GLYF	1040	SCHED	08/22/2021 20:34:22	25	0	144	49	065:06:06.59 N	096:18:02.39 W
Summer	C-GLYF	1040	SCHED	08/22/2021 20:36:36	26	1	181	180	065:06:07.20 N	096:18:02.39 W
Summer	C-GLYF	1040	SCHED	08/22/2021 20:39:32	27	2	155	166	065:06:06.59 N	096:18:01.79 W
Summer	C-GLYF	1040	POWER_ON	08/22/2021 21:06:05	NA	NA	NA	NA		
Summer	C-GLYF	1040	SCHED	08/22/2021 21:06:43	1	0	145	333	065:06:06.00 N	096:18:01.19 W
Summer	C-GLYF	1040	DEPARTURE	08/22/2021 21:07:15	1	72	235	131	065:06:04.79 N	096:17:24.59 W
Summer	C-GLYF	1040	SCHED	08/22/2021 21:09:24	2	127	454	121	065:03:43.19 N	096:09:28.19 W
Summer	C-GLYF	1040	SCHED	08/22/2021 21:11:31	3	59	236	304	065:01:16.79 N	096:03:40.20 W
Summer	C-GLYF	1040	ARRIVAL	08/22/2021 21:13:10	1	0	139	255	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1040	XML_FLIGHT_SUMMARY	08/22/2021 21:13:11	0	0	0	0		
Summer	C-GLYF	1041	POWER_ON	08/22/2021 23:05:46	NA	NA	NA	NA		
Summer	C-GLYF	1041	SCHED	08/22/2021 23:06:22	1	0	139	174	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:08:30	2	0	143	158	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:10:37	3	0	139	224	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:12:44	4	0	153	213	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1041	DEPARTURE	08/22/2021 23:13:25	1	54	198	310	065:01:36.59 N	096:04:38.99 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:15:30	5	90	453	304	065:03:16.79 N	096:09:36.60 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:18:29	6	74	245	312	065:05:40.80 N	096:17:27.60 W
Summer	C-GLYF	1041	ARRIVAL	08/22/2021 23:19:48	1	0	134	53	065:06:06.59 N	096:18:00.60 W
Summer	C-GLYF	1041	XML_FLIGHT_SUMMARY	08/22/2021 23:19:49	0	0	0	0		
Summer	C-GLYF	1041	SCHED	08/22/2021 23:21:55	7	0	135	53	065:06:06.59 N	096:18:00.60 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:25:09	8	0	134	53	065:06:06.59 N	096:18:00.60 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:27:25	9	0	133	351	065:06:06.59 N	096:18:00.60 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:29:31	10	0	134	351	065:06:06.59 N	096:18:00.60 W
Summer	C-GLYF	1041	SCHED	08/22/2021 23:31:42	11	0	134	351	065:06:06.59 N	096:18:00.60 W
Summer	C-GLYF	1042	DEPARTURE	08/22/2021 23:32:53	2	73	217	146	065:06:03.59 N	096:17:27.00 W
Summer	C-GLYF	1042	SCHED	08/22/2021 23:35:13	12	127	489	125	065:03:21.59 N	096:09:39.59 W
Summer	C-GLYF	1042	SCHED	08/22/2021 23:37:20	13	0	136	110	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1042	ARRIVAL	08/22/2021 23:38:24	2	0	136	110	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1042	XML_FLIGHT_SUMMARY	08/22/2021 23:38:25	0	0	0	0		
Summer	C-GLYF	1042	SCHED	08/22/2021 23:40:38	14	0	135	110	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1043	POWER_ON	08/23/2021 11:03:51	NA	NA	NA	NA		
Summer	C-GLYF	1043	SCHED	08/23/2021 11:04:28	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1043	SCHED	08/23/2021 11:07:33	2	70	249	316	065:01:56.99 N	096:05:21.00 W
Summer	C-GLYF	1043	DEPARTURE	08/23/2021 11:07:44	1	56	191	321	065:01:39.00 N	096:04:46.79 W
Summer	C-GLYF	1043	SCHED	08/23/2021 11:09:52	3	93	279	305	065:04:24.59 N	096:13:01.80 W
Summer	C-GLYF	1043	SCHED	08/23/2021 11:12:01	4	21	155	358	065:06:05.40 N	096:18:00.00 W
Summer	C-GLYF	1043	ARRIVAL	08/23/2021 11:13:05	1	0	140	350	065:06:07.79 N	096:18:00.00 W
Summer	C-GLYF	1043	XML_FLIGHT_SUMMARY	08/23/2021 11:13:06	0	0	0	0		
Summer	C-GLYF	1043	SCHED	08/23/2021 11:15:24	5	0	137	350	065:06:07.79 N	096:18:00.60 W
Summer	C-GLYF	1043	SCHED	08/23/2021 11:17:31	6	0	135	350	065:06:08.39 N	096:18:00.60 W
Summer	C-GLYF	1043	SCHED	08/23/2021 11:19:39	7	0	133	350	065:06:08.39 N	096:18:00.60 W
Summer	C-GLYF	1044	DEPARTURE	08/23/2021 11:20:47	2	72	186	113	065:06:16.19 N	096:17:36.00 W
Summer	C-GLYF	1044	SCHED	08/23/2021 11:23:04	8	129	284	130	065:03:33.59 N	096:09:43.20 W
Summer	C-GLYF	1044	SCHED	08/23/2021 11:25:18	9	0	140	86	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1044	ARRIVAL	08/23/2021 11:25:46	2	0	140	86	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1044	XML_FLIGHT_SUMMARY	08/23/2021 11:25:47	0	0	0	0		
Summer	C-GLYF	1044	SCHED	08/23/2021 11:27:53	10	4	198	243	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	1044	SCHED	08/23/2021 11:30:16	11	8	179	323	065:01:20.40 N	096:04:29.39 W
Summer	C-GLYF	1045	DEPARTURE	08/23/2021 11:30:26	3	45	231	322	065:01:31.79 N	096:04:49.19 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:32:35	12	39	277	309	065:02:38.39 N	096:07:31.19 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:34:45	13	45	275	310	065:03:33.00 N	096:10:19.19 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:36:51	14	45	276	305	065:04:31.80 N	096:13:18.00 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:38:59	15	51	249	303	065:05:33.00 N	096:16:30.00 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:41:05	16	2	187	353	065:06:07.79 N	096:18:02.39 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:43:14	17	91	296	127	065:05:15.00 N	096:14:52.19 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:45:20	18	93	288	126	065:03:13.79 N	096:08:50.99 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:47:27	19	21	212	33	065:01:17.39 N	096:04:33.59 W
Summer	C-GLYF	1045	SCHED	08/23/2021 11:49:34	20	0	143	169	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1045	ARRIVAL	08/23/2021 11:51:26	3	0	144	285	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1045	XML_FLIGHT_SUMMARY	08/23/2021 11:51:27	0	0	0	0		
Summer	C-GLYF	1046	POWER_ON	08/23/2021 14:07:48	NA	NA	NA	NA		
Summer	C-GLYF	1046	SCHED	08/23/2021 14:08:23	1	0	133	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1046	DEPARTURE	08/23/2021 14:09:50	1	64	190	312	065:01:37.19 N	096:04:41.99 W
Summer	C-GLYF	1046	SCHED	08/23/2021 14:12:00	2	7	163	22	065:01:50.39 N	096:09:31.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1046	ARRIVAL	08/23/2021 14:12:51	1	0	150	51	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1046	DEPARTURE	08/23/2021 14:14:07	2	58	213	323	065:02:03.60 N	096:09:55.20 W
Summer	C-GLYF	1046	SCHED	08/23/2021 14:16:19	3	93	352	316	065:04:26.40 N	096:14:23.99 W
Summer	C-GLYF	1046	SCHED	08/23/2021 14:18:26	4	0	140	4	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1046	ARRIVAL	08/23/2021 14:19:10	2	0	140	4	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1046	XML_FLIGHT_SUMMARY	08/23/2021 14:19:11	0	0	0	0		
Summer	C-GLYF	1047	POWER_ON	08/23/2021 14:49:53	NA	NA	NA	NA		
Summer	C-GLYF	1047	SCHED	08/23/2021 14:50:30	1	0	136	306	065:06:07.20 N	096:17:58.79 W
Summer	C-GLYF	1047	DEPARTURE	08/23/2021 14:51:22	1	50	170	71	065:06:15.00 N	096:17:28.20 W
Summer	C-GLYF	1047	SCHED	08/23/2021 14:53:36	2	0	132	44	065:06:34.19 N	096:14:46.80 W
Summer	C-GLYF	1047	ARRIVAL	08/23/2021 14:53:44	1	0	131	44	065:06:34.19 N	096:14:46.80 W
Summer	C-GLYF	1047	DEPARTURE	08/23/2021 14:55:12	2	71	195	238	065:06:30.60 N	096:15:28.79 W
Summer	C-GLYF	1047	ARRIVAL	08/23/2021 14:56:48	2	0	164	3	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1047	SCHED	08/23/2021 14:58:55	3	0	161	3	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:01:03	4	2	195	266	065:06:14.39 N	096:17:01.19 W
Summer	C-GLYF	1047	DEPARTURE	08/23/2021 15:02:56	3	66	231	88	065:06:24.00 N	096:16:30.00 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:05:05	5	87	254	241	065:06:17.39 N	096:16:10.80 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:07:13	6	50	207	72	065:06:28.19 N	096:15:11.40 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:09:24	7	78	246	247	065:06:14.39 N	096:16:25.79 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:11:31	8	14	188	48	065:06:34.19 N	096:14:49.19 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:13:44	9	0	167	186	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:15:51	10	46	233	68	065:06:17.39 N	096:16:39.00 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:18:05	11	26	176	282	065:06:35.39 N	096:14:51.00 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:20:14	12	56	257	78	065:06:22.80 N	096:15:43.20 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:22:23	13	70	248	253	065:06:12.00 N	096:16:37.80 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:24:35	14	3	182	43	065:06:34.79 N	096:14:47.39 W
Summer	C-GLYF	1047	SCHED	08/23/2021 15:26:44	15	104	147	230	065:06:20.39 N	096:15:57.60 W
Summer	C-GLYF	1047	ARRIVAL	08/23/2021 15:28:16	3	0	164	17	065:06:15.00 N	096:17:00.00 W
Summer	C-GLYF	1047	XML_FLIGHT_SUMMARY	08/23/2021 15:28:17	0	0	0	0		
Summer	C-GLYF	1048	DEPARTURE	08/23/2021 15:29:18	4	83	198	96	065:06:21.59 N	096:16:20.99 W
Summer	C-GLYF	1048	ARRIVAL	08/23/2021 15:31:09	4	0	130	44	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1048	POWER_ON	08/23/2021 16:00:50	NA	NA	NA	NA		
Summer	C-GLYF	1048	SCHED	08/23/2021 16:01:34	1	0	133	159	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1048	DEPARTURE	08/23/2021 16:02:17	1	73	213	215	065:06:30.60 N	096:15:22.80 W
Summer	C-GLYF	1048	SCHED	08/23/2021 16:04:28	2	137	287	154	065:02:44.39 N	096:11:26.99 W
Summer	C-GLYF	1048	ARRIVAL	08/23/2021 16:06:26	1	0	152	18	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1048	XML_FLIGHT_SUMMARY	08/23/2021 16:06:27	0	0	0	0		
Summer	C-GLYF	1049	DEPARTURE	08/23/2021 16:08:05	2	63	215	27	065:02:05.99 N	096:09:15.59 W
Summer	C-GLYF	1049	SCHED	08/23/2021 16:10:18	3	0	145	104	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1049	ARRIVAL	08/23/2021 16:10:44	2	0	145	104	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1049	POWER_ON	08/23/2021 22:13:06	NA	NA	NA	NA		
Summer	C-GLYF	1049	SCHED	08/23/2021 22:13:37	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1049	DEPARTURE	08/23/2021 22:14:51	1	62	0	312	065:01:53.39 N	096:05:16.79 W
Summer	C-GLYF	1049	SCHED	08/23/2021 22:16:59	2	0	258	35	065:01:51.60 N	096:09:32.39 W
Summer	C-GLYF	1049	SCHED	08/23/2021 22:19:05	3	85	330	321	065:03:19.20 N	096:12:11.99 W
Summer	C-GLYF	1049	SCHED	08/23/2021 22:21:11	4	79	297	310	065:05:35.99 N	096:17:07.19 W
Summer	C-GLYF	1049	SCHED	08/23/2021 22:23:47	5	44	159	357	065:06:15.00 N	096:17:56.99 W
Summer	C-GLYF	1049	ARRIVAL	08/23/2021 22:23:58	1	0	140	18	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1049	XML_FLIGHT_SUMMARY	08/23/2021 22:23:59	0	0	0	0		
Summer	C-GLYF	1050	DEPARTURE	08/23/2021 22:24:07	2	55	192	330	065:06:21.59 N	096:18:01.19 W
Summer	C-GLYF	1050	SCHED	08/23/2021 22:27:06	6	93	603	333	065:10:38.99 N	096:23:27.60 W
Summer	C-GLYF	1050	SCHED	08/23/2021 22:29:13	7	98	588	334	065:14:06.60 N	096:27:52.19 W
Summer	C-GLYF	1050	SCHED	08/23/2021 22:31:22	8	94	593	333	065:17:02.99 N	096:31:36.00 W
Summer	C-GLYF	1050	SCHED	08/23/2021 22:33:35	9	102	604	333	065:20:12.60 N	096:35:26.39 W
Summer	C-GLYF	1050	SCHED	08/23/2021 22:35:57	10	77	294	325	065:23:12.00 N	096:39:43.20 W
Summer	C-GLYF	1050	ARRIVAL	08/23/2021 22:37:42	2	0	158	21	065:23:55.20 N	096:40:33.00 W
Summer	C-GLYF	1050	XML_FLIGHT_SUMMARY	08/23/2021 22:37:43	0	0	0	0		
Summer	C-GLYF	1051	POWER_ON	08/23/2021 22:46:48	NA	NA	NA	NA		
Summer	C-GLYF	1051	SCHED	08/23/2021 22:47:21	1	0	150	0	065:23:54.59 N	096:40:32.39 W
Summer	C-GLYF	1051	DEPARTURE	08/23/2021 22:49:04	1	73	271	163	065:23:37.19 N	096:40:36.59 W
Summer	C-GLYF	1051	SCHED	08/23/2021 22:51:13	2	111	568	149	065:20:40.80 N	096:36:41.99 W
Summer	C-GLYF	1051	SCHED	08/23/2021 22:53:21	3	118	624	150	065:17:09.59 N	096:31:46.80 W
Summer	C-GLYF	1051	SCHED	08/23/2021 22:55:35	4	114	542	152	065:13:34.20 N	096:27:04.79 W
Summer	C-GLYF	1051	SCHED	08/23/2021 22:57:41	5	116	608	152	065:09:47.39 N	096:22:19.19 W
Summer	C-GLYF	1051	SCHED	08/23/2021 22:59:50	6	90	276	158	065:06:24.00 N	096:17:41.39 W
Summer	C-GLYF	1051	SCHED	08/23/2021 23:02:01	7	0	170	167	065:06:07.20 N	096:18:01.19 W
Summer	C-GLYF	1051	SCHED	08/23/2021 23:04:08	8	1	167	179	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1051	SCHED	08/23/2021 23:06:16	9	105	457	122	065:04:26.40 N	096:13:19.79 W
Summer	C-GLYF	1051	SCHED	08/23/2021 23:08:24	10	102	437	148	065:02:00.60 N	096:06:07.80 W
Summer	C-GLYF	1051	SCHED	08/23/2021 23:10:33	11	12	190	46	065:01:26.40 N	096:04:21.00 W
Summer	C-GLYF	1051	SCHED	08/23/2021 23:12:51	12	0	131	281	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1051	ARRIVAL	08/23/2021 23:13:26	1	0	132	281	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1051	XML_FLIGHT_SUMMARY	08/23/2021 23:13:27	0	0	0	0		
Summer	C-GLYF	1052	DEPARTURE	08/23/2021 23:14:16	2	64	185	311	065:01:37.19 N	096:04:40.80 W
Summer	C-GLYF	1052	SCHED	08/23/2021 23:16:24	13	97	314	308	065:03:37.19 N	096:10:25.80 W
Summer	C-GLYF	1052	SCHED	08/23/2021 23:18:31	14	84	234	301	065:05:40.19 N	096:17:03.60 W
Summer	C-GLYF	1052	ARRIVAL	08/23/2021 23:20:12	2	0	131	349	065:06:07.20 N	096:18:00.00 W
Summer	C-GLYF	1052	XML_FLIGHT_SUMMARY	08/23/2021 23:20:13	0	0	0	0		
Summer	C-GLYF	1052	SCHED	08/23/2021 23:22:19	15	0	130	349	065:06:07.20 N	096:17:59.40 W
Summer	C-GLYF	1052	SCHED	08/23/2021 23:24:32	16	0	133	349	065:06:07.20 N	096:18:00.00 W
Summer	C-GLYF	1052	SCHED	08/23/2021 23:26:43	17	0	133	349	065:06:07.20 N	096:18:00.00 W
Summer	C-GLYF	1052	SCHED	08/23/2021 23:29:27	18	92	226	125	065:06:11.40 N	096:17:16.79 W
Summer	C-GLYF	1053	DEPARTURE	08/23/2021 23:29:35	3	87	205	115	065:06:14.39 N	096:17:28.79 W
Summer	C-GLYF	1053	SCHED	08/23/2021 23:31:52	19	143	487	136	065:03:02.40 N	096:08:22.80 W
Summer	C-GLYF	1053	SCHED	08/23/2021 23:34:01	20	0	135	106	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1053	ARRIVAL	08/23/2021 23:34:19	3	0	135	106	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1053	XML_FLIGHT_SUMMARY	08/23/2021 23:34:20	0	0	0	0		
Summer	C-GLYF	1053	SCHED	08/23/2021 23:36:25	21	0	135	230	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1054	POWER_ON	08/24/2021 11:05:46	NA	NA	NA	NA		
Summer	C-GLYF	1054	SCHED	08/24/2021 11:07:14	1	0	140	220	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1054	DEPARTURE	08/24/2021 11:08:31	1	70	174	321	065:01:39.00 N	096:04:51.60 W
Summer	C-GLYF	1054	SCHED	08/24/2021 11:11:34	2	99	342	307	065:04:11.40 N	096:12:28.20 W
Summer	C-GLYF	1054	SCHED	08/24/2021 11:13:43	3	0	145	253	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1054	ARRIVAL	08/24/2021 11:14:34	1	0	146	253	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1054	XML_FLIGHT_SUMMARY	08/24/2021 11:14:35	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1054	SCHED	08/24/2021 11:16:43	4	0	147	253	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1054	SCHED	08/24/2021 11:18:50	5	0	149	253	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1054	SCHED	08/24/2021 11:20:58	6	0	153	110	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1054	SCHED	08/24/2021 11:23:04	7	0	156	151	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1054	SCHED	08/24/2021 11:25:10	8	0	155	127	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1055	DEPARTURE	08/24/2021 11:27:00	2	74	210	133	065:05:51.60 N	096:17:43.80 W
Summer	C-GLYF	1055	SCHED	08/24/2021 11:29:08	9	127	495	124	065:03:34.80 N	096:09:54.59 W
Summer	C-GLYF	1055	SCHED	08/24/2021 11:31:17	10	48	190	283	065:01:23.99 N	096:03:48.60 W
Summer	C-GLYF	1055	ARRIVAL	08/24/2021 11:32:42	2	0	148	267	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1055	XML_FLIGHT_SUMMARY	08/24/2021 11:32:43	0	0	0	0		
Summer	C-GLYF	1056	POWER_ON	08/24/2021 11:42:23	NA	NA	NA	NA		
Summer	C-GLYF	1056	SCHED	08/24/2021 11:42:59	1	0	148	293	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1056	DEPARTURE	08/24/2021 11:45:34	1	75	242	325	065:01:38.39 N	096:04:53.40 W
Summer	C-GLYF	1056	SCHED	08/24/2021 11:47:42	2	22	208	334	065:01:54.60 N	096:09:31.79 W
Summer	C-GLYF	1056	SCHED	08/24/2021 11:49:48	3	83	360	319	065:03:49.19 N	096:13:30.00 W
Summer	C-GLYF	1056	SCHED	08/24/2021 11:51:56	4	58	265	323	065:05:59.99 N	096:17:31.20 W
Summer	C-GLYF	1056	SCHED	08/24/2021 11:54:12	5	1	185	165	065:06:07.20 N	096:18:01.79 W
Summer	C-GLYF	1056	SCHED	08/24/2021 11:56:20	6	23	205	174	065:06:06.00 N	096:18:02.39 W
Summer	C-GLYF	1056	SCHED	08/24/2021 11:58:30	7	78	370	123	065:04:39.00 N	096:12:59.39 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:00:40	8	69	419	181	065:02:54.00 N	096:08:28.19 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:02:47	9	1	192	271	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:04:54	10	68	343	321	065:03:10.20 N	096:12:08.99 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:07:07	11	79	321	321	065:05:10.20 N	096:15:55.80 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:09:18	12	1	187	257	065:06:07.79 N	096:18:01.19 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:11:28	13	98	333	134	065:04:41.39 N	096:15:08.40 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:13:45	14	71	309	151	065:02:08.40 N	096:09:20.40 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:15:56	15	84	333	58	065:02:34.20 N	096:08:19.19 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:18:05	16	10	204	198	065:01:20.99 N	096:04:26.99 W
Summer	C-GLYF	1056	SCHED	08/24/2021 12:20:16	17	2	150	261	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1056	ARRIVAL	08/24/2021 12:21:23	1	0	148	159	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1056	XML_FLIGHT_SUMMARY	08/24/2021 12:21:24	0	0	0	0		
Summer	C-GLYF	1057	POWER_ON	08/24/2021 14:24:46	NA	NA	NA	NA		
Summer	C-GLYF	1057	SCHED	08/24/2021 14:25:32	1	0	134	343	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1057	SCHED	08/24/2021 14:27:42	2	0	136	344	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1057	POWER_ON	08/24/2021 16:24:12	NA	NA	NA	NA		
Summer	C-GLYF	1057	SCHED	08/24/2021 16:24:49	1	0	155	24	065:01:25.79 N	096:04:16.79 W
Summer	C-GLYF	1057	SCHED	08/24/2021 16:26:57	2	3	155	237	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1057	POWER_ON	08/24/2021 16:36:58	NA	NA	NA	NA		
Summer	C-GLYF	1057	SCHED	08/24/2021 16:37:45	1	0	161	142	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1057	DEPARTURE	08/24/2021 16:38:31	1	71	206	320	065:01:36.59 N	096:04:46.79 W
Summer	C-GLYF	1057	SCHED	08/24/2021 16:40:41	2	106	401	307	065:03:58.19 N	096:11:14.39 W
Summer	C-GLYF	1057	SCHED	08/24/2021 16:42:49	3	43	215	295	065:06:07.20 N	096:17:40.20 W
Summer	C-GLYF	1057	ARRIVAL	08/24/2021 16:44:04	1	0	157	281	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1057	XML_FLIGHT_SUMMARY	08/24/2021 16:44:05	0	0	0	0		
Summer	C-GLYF	1057	SCHED	08/24/2021 16:46:12	4	0	157	281	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1057	SCHED	08/24/2021 16:48:21	5	2	180	316	065:06:07.20 N	096:18:01.19 W
Summer	C-GLYF	1058	DEPARTURE	08/24/2021 16:49:57	2	76	274	122	065:05:52.80 N	096:17:40.80 W
Summer	C-GLYF	1058	SCHED	08/24/2021 16:52:09	6	75	393	125	065:03:48.00 N	096:09:57.60 W
Summer	C-GLYF	1058	SCHED	08/24/2021 16:55:27	7	50	254	155	065:01:32.39 N	096:04:29.39 W
Summer	C-GLYF	1058	SCHED	08/24/2021 16:58:37	8	0	141	109	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1058	ARRIVAL	08/24/2021 16:58:44	2	0	141	109	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1058	XML_FLIGHT_SUMMARY	08/24/2021 16:58:45	0	0	0	0		
Summer	C-GLYF	1059	POWER_ON	08/24/2021 19:17:21	NA	NA	NA	NA		
Summer	C-GLYF	1059	SCHED	08/24/2021 19:17:59	1	0	131	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1059	DEPARTURE	08/24/2021 19:18:33	1	58	205	319	065:01:38.39 N	096:04:49.19 W
Summer	C-GLYF	1059	SCHED	08/24/2021 19:20:45	2	25	187	342	065:01:47.39 N	096:09:29.40 W
Summer	C-GLYF	1059	ARRIVAL	08/24/2021 19:21:51	1	0	145	41	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	1059	SCHED	08/24/2021 19:23:59	3	21	152	332	065:01:52.19 N	096:09:32.39 W
Summer	C-GLYF	1059	DEPARTURE	08/24/2021 19:24:24	2	74	232	28	065:02:08.40 N	096:09:15.59 W
Summer	C-GLYF	1059	SCHED	08/24/2021 19:26:39	4	3	149	345	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1059	SCHED	08/24/2021 19:28:48	5	93	396	309	065:02:35.39 N	096:07:04.79 W
Summer	C-GLYF	1059	SCHED	08/24/2021 19:30:57	6	109	404	307	065:04:45.00 N	096:13:56.99 W
Summer	C-GLYF	1059	SCHED	08/24/2021 19:33:03	7	0	145	283	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1059	ARRIVAL	08/24/2021 19:33:34	2	0	145	283	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1059	XML_FLIGHT_SUMMARY	08/24/2021 19:33:35	0	0	0	0		
Summer	C-GLYF	1060	POWER_ON	08/24/2021 19:52:04	NA	NA	NA	NA		
Summer	C-GLYF	1060	SCHED	08/24/2021 19:52:42	1	0	143	0	065:06:07.79 N	096:17:58.79 W
Summer	C-GLYF	1060	SCHED	08/24/2021 19:55:26	2	17	197	11	065:06:09.00 N	096:18:00.60 W
Summer	C-GLYF	1060	DEPARTURE	08/24/2021 19:55:52	1	42	238	83	065:06:17.39 N	096:17:31.79 W
Summer	C-GLYF	1060	SCHED	08/24/2021 19:57:58	3	2	183	354	065:06:34.19 N	096:14:46.80 W
Summer	C-GLYF	1060	SCHED	08/24/2021 20:00:06	4	89	212	246	065:06:10.20 N	096:17:06.60 W
Summer	C-GLYF	1060	ARRIVAL	08/24/2021 20:01:28	1	0	144	318	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1060	XML_FLIGHT_SUMMARY	08/24/2021 20:01:29	0	0	0	0		
Summer	C-GLYF	1061	DEPARTURE	08/24/2021 20:02:32	2	81	199	58	065:06:24.00 N	096:17:52.80 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:04:49	5	0	139	351	065:06:34.19 N	096:14:46.80 W
Summer	C-GLYF	1061	ARRIVAL	08/24/2021 20:05:50	2	0	135	68	065:06:33.60 N	096:14:46.20 W
Summer	C-GLYF	1061	DEPARTURE	08/24/2021 20:07:55	3	82	203	247	065:06:26.39 N	096:15:30.60 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:10:03	6	91	232	87	065:06:15.00 N	096:17:08.40 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:13:01	7	13	189	296	065:06:06.59 N	096:17:59.40 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:15:09	8	2	189	344	065:06:35.39 N	096:14:46.20 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:17:19	9	32	206	274	065:06:06.00 N	096:17:52.80 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:19:27	10	10	193	19	065:06:34.19 N	096:14:47.39 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:21:36	11	19	198	293	065:06:06.00 N	096:17:58.19 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:23:44	12	16	186	4	065:06:33.60 N	096:14:46.80 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:25:55	13	24	205	284	065:06:06.00 N	096:17:56.40 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:28:05	14	80	246	87	065:06:21.59 N	096:16:09.59 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:30:12	15	0	174	312	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:32:18	16	3	183	296	065:06:07.20 N	096:18:01.19 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:34:25	17	0	170	326	065:06:35.39 N	096:14:46.80 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:36:37	18	1	177	312	065:06:07.20 N	096:18:01.19 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:38:44	19	20	190	353	065:06:32.39 N	096:14:43.80 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:40:52	20	85	241	254	065:06:09.00 N	096:17:07.80 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:43:04	21	61	214	66	065:06:25.80 N	096:14:56.99 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:45:16	22	48	212	268	065:06:05.40 N	096:17:44.39 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:47:26	23	56	277	84	065:06:21.59 N	096:16:34.19 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:49:33	24	0	171	311	065:06:35.99 N	096:14:47.39 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:51:54	25	66	219	261	065:06:06.59 N	096:17:31.20 W
Summer	C-GLYF	1061	SCHED	08/24/2021 20:54:02	26	42	212	23	065:06:28.80 N	096:14:43.80 W

Table 4 Track Data (2021)											
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude	
Summer	C-GLYF	1061	SCHED	08/24/2021 20:56:10	27	20	198	285	065:06:06.59 N	096:17:56.40 W	
Summer	C-GLYF	1061	ARRIVAL	08/24/2021 20:58:47	3	0	140	98	065:06:07.79 N	096:17:59.40 W	
Summer	C-GLYF	1061	XML_FLIGHT_SUMMARY	08/24/2021 20:58:48	0	0	0	0			
Summer	C-GLYF	1062	DEPARTURE	08/24/2021 20:58:55	4	84	218	160	065:05:55.20 N	096:18:10.80 W	
Summer	C-GLYF	1062	SCHED	08/24/2021 21:01:12	28	58	208	231	065:01:49.19 N	096:09:11.39 W	
Summer	C-GLYF	1062	ARRIVAL	08/24/2021 21:02:22	4	0	145	26	065:01:50.99 N	096:09:30.60 W	
Summer	C-GLYF	1062	XML_FLIGHT_SUMMARY	08/24/2021 21:02:23	0	0	0	0			
Summer	C-GLYF	1063	DEPARTURE	08/24/2021 21:02:40	5	99	199	35	065:02:10.79 N	096:09:09.59 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:04:49	29	26	165	269	065:01:25.20 N	096:04:07.20 W	
Summer	C-GLYF	1063	ARRIVAL	08/24/2021 21:05:53	5	0	136	286	065:01:25.20 N	096:04:15.00 W	
Summer	C-GLYF	1063	POWER_ON	08/24/2021 21:16:08	NA	NA	NA	NA			
Summer	C-GLYF	1063	SCHED	08/24/2021 21:16:37	1	0	140	0	065:01:25.20 N	096:04:15.00 W	
Summer	C-GLYF	1063	DEPARTURE	08/24/2021 21:17:21	1	74	202	318	065:01:38.39 N	096:04:45.00 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:19:28	2	109	403	307	065:04:02.99 N	096:11:31.79 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:21:35	3	27	173	331	065:06:04.20 N	096:17:56.40 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:23:51	4	90	229	83	065:06:22.80 N	096:15:56.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:25:58	5	73	220	257	065:06:06.00 N	096:17:34.19 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:28:05	6	26	189	42	065:06:33.00 N	096:14:48.59 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:30:13	7	28	200	296	065:06:05.40 N	096:17:58.79 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:33:13	8	1	166	316	065:06:35.39 N	096:14:46.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:35:21	9	68	220	58	065:06:17.39 N	096:17:39.59 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:37:33	10	83	221	238	065:06:30.60 N	096:15:28.20 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:39:40	11	61	237	78	065:06:19.80 N	096:17:37.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:41:49	12	44	182	268	065:06:35.99 N	096:14:55.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:43:59	13	86	226	82	065:06:18.59 N	096:17:04.79 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:46:07	14	89	235	235	065:06:21.00 N	096:15:46.20 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:48:12	15	79	232	85	065:06:19.20 N	096:17:16.79 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:50:27	16	90	214	240	065:06:25.80 N	096:15:43.20 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:52:41	17	90	237	83	065:06:20.39 N	096:16:38.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:54:48	18	94	226	241	065:06:21.00 N	096:15:55.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:56:57	19	36	186	34	065:06:10.79 N	096:17:58.19 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 21:59:08	20	1	163	8	065:06:35.39 N	096:14:47.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:01:20	21	0	172	325	065:06:07.79 N	096:18:01.79 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:03:28	22	1	170	17	065:06:35.39 N	096:14:47.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:05:35	23	37	206	281	065:06:05.40 N	096:17:52.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:07:46	24	68	247	54	065:06:20.39 N	096:17:52.19 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:09:59	25	1	195	337	065:06:35.39 N	096:14:46.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:12:06	26	56	223	267	065:06:04.79 N	096:17:41.99 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:14:16	27	101	252	93	065:06:18.59 N	096:16:05.40 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:16:25	28	30	178	30	065:06:24.00 N	096:14:34.20 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:18:31	29	42	208	295	065:06:06.59 N	096:17:54.59 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:20:42	30	93	262	91	065:06:22.80 N	096:16:36.00 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:22:50	31	79	208	251	065:06:15.59 N	096:16:10.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:25:00	32	52	213	67	065:06:19.80 N	096:17:52.80 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:27:09	33	3	151	298	065:06:29.39 N	096:14:33.59 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:29:21	34	83	232	258	065:06:08.39 N	096:17:11.99 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:32:12	35	1	153	243	065:06:29.39 N	096:14:32.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:34:23	36	1	171	305	065:06:07.20 N	096:18:02.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:36:31	37	0	165	337	065:06:35.39 N	096:14:47.39 W	
Summer	C-GLYF	1063	SCHED	08/24/2021 22:38:42	38	59	192	258	065:06:04.79 N	096:17:40.80 W	
Summer	C-GLYF	1063	ARRIVAL	08/24/2021 22:39:52	1	0	139	340	065:06:07.79 N	096:18:00.00 W	
Summer	C-GLYF	1063	XML_FLIGHT_SUMMARY	08/24/2021 22:39:53	0	0	0	0			
Summer	C-GLYF	1064	DEPARTURE	08/24/2021 22:40:43	2	90	198	80	065:06:21.59 N	096:17:30.60 W	
Summer	C-GLYF	1064	ARRIVAL	08/24/2021 22:42:34	2	0	121	3	065:06:34.19 N	096:14:45.00 W	
Summer	C-GLYF	1064	SCHED	08/24/2021 22:44:48	39	1	166	136	065:06:34.19 N	096:14:46.80 W	
Summer	C-GLYF	1064	SCHED	08/24/2021 22:46:56	40	1	171	208	065:06:35.39 N	096:14:47.39 W	
Summer	C-GLYF	1064	SCHED	08/24/2021 22:49:03	41	0	130	129	065:06:34.19 N	096:14:46.20 W	
Summer	C-GLYF	1064	POWER_ON	08/24/2021 22:59:17	NA	NA	NA	NA			
Summer	C-GLYF	1064	SCHED	08/24/2021 22:59:55	1	0	136	262	065:06:34.19 N	096:14:46.20 W	
Summer	C-GLYF	1064	DEPARTURE	08/24/2021 23:00:28	1	73	196	221	065:06:22.80 N	096:15:20.40 W	
Summer	C-GLYF	1064	SCHED	08/24/2021 23:02:37	2	130	374	128	065:03:35.39 N	096:09:23.39 W	
Summer	C-GLYF	1064	SCHED	08/24/2021 23:04:48	3	3	142	254	065:01:24.59 N	096:04:13.79 W	
Summer	C-GLYF	1064	SCHED	08/24/2021 23:07:01	4	0	135	256	065:01:24.59 N	096:04:13.79 W	
Summer	C-GLYF	1064	ARRIVAL	08/24/2021 23:07:40	1	0	135	256	065:01:24.59 N	096:04:13.79 W	
Summer	C-GLYF	1064	XML_FLIGHT_SUMMARY	08/24/2021 23:07:41	0	0	0	0			
Summer	C-GLYF	1065	DEPARTURE	08/24/2021 23:08:38	2	77	189	313	065:01:38.39 N	096:04:43.80 W	
Summer	C-GLYF	1065	SCHED	08/24/2021 23:10:45	5	104	373	311	065:04:00.00 N	096:11:01.80 W	
Summer	C-GLYF	1065	SCHED	08/24/2021 23:12:52	6	36	167	259	065:06:34.19 N	096:14:37.79 W	
Summer	C-GLYF	1065	ARRIVAL	08/24/2021 23:13:59	2	0	128	311	065:06:34.19 N	096:14:48.00 W	
Summer	C-GLYF	1065	XML_FLIGHT_SUMMARY	08/24/2021 23:14:00	0	0	0	0			
Summer	C-GLYF	1065	SCHED	08/24/2021 23:16:07	7	0	125	311	065:06:34.19 N	096:14:48.00 W	
Summer	C-GLYF	1065	SCHED	08/24/2021 23:18:14	8	0	123	311	065:06:34.19 N	096:14:48.00 W	
Summer	C-GLYF	1065	SCHED	08/24/2021 23:20:21	9	0	124	311	065:06:34.19 N	096:14:48.00 W	
Summer	C-GLYF	1065	SCHED	08/24/2021 23:22:28	10	0	124	311	065:06:34.19 N	096:14:48.00 W	
Summer	C-GLYF	1065	SCHED	08/24/2021 23:24:38	11	0	125	311	065:06:34.19 N	096:14:48.00 W	
Summer	C-GLYF	1066	DEPARTURE	08/24/2021 23:25:51	3	74	186	217	065:06:22.19 N	096:15:22.80 W	
Summer	C-GLYF	1066	SCHED	08/24/2021 23:28:07	12	123	493	127	065:03:26.40 N	096:08:49.20 W	
Summer	C-GLYF	1066	SCHED	08/24/2021 23:30:16	13	1	140	119	065:01:27.60 N	096:04:18.59 W	
Summer	C-GLYF	1066	ARRIVAL	08/24/2021 23:31:06	3	0	139	119	065:01:27.60 N	096:04:18.59 W	
Summer	C-GLYF	1066	XML_FLIGHT_SUMMARY	08/24/2021 23:31:07	0	0	0	0			
Summer	C-GLYF	1067	POWER_ON	08/25/2021 11:01:21	NA	NA	NA	NA			
Summer	C-GLYF	1067	SCHED	08/25/2021 11:02:10	1	0	0	0	065:01:27.60 N	096:04:18.59 W	
Summer	C-GLYF	1067	DEPARTURE	08/25/2021 11:05:39	1	73	188	321	065:01:39.59 N	096:04:55.20 W	
Summer	C-GLYF	1067	SCHED	08/25/2021 11:05:48	2	111	503	308	065:03:52.19 N	096:10:54.59 W	
Summer	C-GLYF	1067	SCHED	08/25/2021 11:07:53	3	43	188	66	065:06:36.60 N	096:15:08.99 W	
Summer	C-GLYF	1067	ARRIVAL	08/25/2021 11:09:36	1	0	133	237	065:06:34.19 N	096:14:49.19 W	
Summer	C-GLYF	1067	XML_FLIGHT_SUMMARY	08/25/2021 11:09:37	0	0	0	0			
Summer	C-GLYF	1067	SCHED	08/25/2021 11:13:18	4	0	134	237	065:06:34.19 N	096:14:49.19 W	
Summer	C-GLYF	1067	SCHED	08/25/2021 11:15:24	5	0	133	237	065:06:34.19 N	096:14:49.19 W	
Summer	C-GLYF	1067	SCHED	08/25/2021 11:17:36	6	0	133	237	065:06:34.19 N	096:14:49.19 W	
Summer	C-GLYF	1068	DEPARTURE	08/25/2021 11:19:15	2	47	226	209	065:06:21.00 N	096:15:06.60 W	
Summer	C-GLYF	1068	SCHED	08/25/2021 11:21:27	7	113	434	127	065:04:00.00 N	096:10:05.40 W	
Summer	C-GLYF	1068	SCHED	08/25/2021 11:23:38	8	48	182	124	065:01:32.39 N	096:04:24.00 W	
Summer	C-GLYF	1068	ARRIVAL	08/25/2021 11:24:50	2	0	136	272	065:01:24.59 N	096:04:15.00 W	
Summer	C-GLYF	1068	XML_FLIGHT_SUMMARY	08/25/2021 11:24:51	0	0	0	0			
Summer	C-GLYF	1069	POWER_ON	08/25/2021 11:34:26	NA	NA	NA	NA			

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1069	SCHED	08/25/2021 11:35:10	1	0	146	187	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:37:22	2	0	184	210	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	1069	DEPARTURE	08/25/2021 11:38:21	1	68	249	331	065:01:34.79 N	096:04:52.19 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:40:30	3	69	421	307	065:03:25.79 N	096:09:37.19 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:42:37	4	56	470	320	065:04:54.60 N	096:13:14.40 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:44:49	5	20	195	284	065:06:36.60 N	096:14:40.79 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:46:57	6	68	304	214	065:06:11.40 N	096:15:27.60 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:49:08	7	66	442	126	065:04:35.39 N	096:12:00.00 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:51:15	8	61	376	132	065:03:10.79 N	096:07:42.60 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:53:20	9	47	286	151	065:01:36.00 N	096:04:40.20 W
Summer	C-GLYF	1069	SCHED	08/25/2021 11:56:12	10	2	167	120	065:01:27.60 N	096:04:19.79 W
Summer	C-GLYF	1069	ARRIVAL	08/25/2021 11:57:13	1	0	151	135	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1069	XML_FLIGHT_SUMMARY	08/25/2021 11:57:14	0	0	0	0		
Summer	C-GLYF	1070	POWER_ON	08/25/2021 12:53:38	NA	NA	NA	NA		
Summer	C-GLYF	1070	SCHED	08/25/2021 12:54:30	1	0	141	307	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1070	DEPARTURE	08/25/2021 12:55:03	1	76	198	322	065:01:34.79 N	096:04:56.40 W
Summer	C-GLYF	1070	SCHED	08/25/2021 12:57:13	2	110	501	310	065:03:53.40 N	096:11:12.60 W
Summer	C-GLYF	1070	SCHED	08/25/2021 12:59:20	3	30	163	235	065:06:34.79 N	096:14:39.00 W
Summer	C-GLYF	1070	ARRIVAL	08/25/2021 13:00:33	1	0	131	343	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1070	XML_FLIGHT_SUMMARY	08/25/2021 13:00:34	0	0	0	0		
Summer	C-GLYF	1071	DEPARTURE	08/25/2021 13:02:13	2	78	156	251	065:06:21.00 N	096:15:36.59 W
Summer	C-GLYF	1071	ARRIVAL	08/25/2021 13:04:12	2	0	138	156	065:06:07.79 N	096:18:00.00 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:06:20	4	0	139	156	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:08:30	5	1	174	351	065:06:07.20 N	096:18:00.60 W
Summer	C-GLYF	1071	DEPARTURE	08/25/2021 13:10:04	3	65	230	62	065:06:21.00 N	096:17:40.80 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:12:22	6	88	238	247	065:06:15.00 N	096:16:29.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:14:35	7	89	253	59	065:06:24.00 N	096:16:10.80 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:16:43	8	83	210	243	065:06:27.59 N	096:15:21.59 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:18:52	9	51	205	125	065:06:00.60 N	096:18:00.60 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:21:00	10	1	166	231	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:23:18	11	3	178	280	065:06:07.79 N	096:18:01.79 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:25:26	12	3	167	198	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:27:39	13	0	178	254	065:06:07.79 N	096:18:02.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:29:56	14	1	167	215	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:33:14	15	77	215	59	065:06:38.39 N	096:15:20.40 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:35:23	16	55	190	240	065:06:31.80 N	096:14:59.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:37:30	17	83	229	59	065:06:04.79 N	096:17:19.20 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:39:36	18	88	212	243	065:06:22.80 N	096:15:41.99 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:42:35	19	59	210	88	065:06:40.19 N	096:14:58.20 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:44:47	20	10	159	272	065:06:10.79 N	096:18:08.40 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:46:57	21	0	148	261	065:06:29.39 N	096:14:32.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:49:05	22	26	163	188	065:06:09.59 N	096:18:11.40 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:51:13	23	0	149	228	065:06:29.39 N	096:14:32.39 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:53:20	24	71	153	236	065:06:22.19 N	096:15:22.20 W
Summer	C-GLYF	1071	SCHED	08/25/2021 13:56:11	25	80	198	73	065:05:59.99 N	096:17:31.79 W
Summer	C-GLYF	1071	ARRIVAL	08/25/2021 13:56:18	3	0	142	316	065:06:07.20 N	096:17:59.40 W
Summer	C-GLYF	1071	XML_FLIGHT_SUMMARY	08/25/2021 13:56:19	0	0	0	0		
Summer	C-GLYF	1072	DEPARTURE	08/25/2021 13:56:35	4	85	203	66	065:06:00.60 N	096:17:25.79 W
Summer	C-GLYF	1072	ARRIVAL	08/25/2021 13:58:01	4	0	126	339	065:06:27.00 N	096:15:00.60 W
Summer	C-GLYF	1072	DEPARTURE	08/25/2021 13:59:54	5	69	218	248	065:06:20.39 N	096:15:45.59 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:02:03	26	60	236	82	065:05:57.60 N	096:17:42.59 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:04:12	27	80	195	248	065:06:19.80 N	096:15:43.80 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:06:24	28	68	237	57	065:06:09.00 N	096:17:02.39 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:08:40	29	87	208	252	065:06:14.39 N	096:16:18.60 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:10:48	30	67	219	71	065:06:31.80 N	096:15:28.20 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:13:50	31	30	195	173	065:06:04.79 N	096:18:03.00 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:15:57	32	88	332	123	065:04:15.59 N	096:11:36.59 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:18:03	33	84	327	142	065:02:24.59 N	096:05:55.20 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:20:12	34	12	184	353	065:01:20.99 N	096:04:27.60 W
Summer	C-GLYF	1072	SCHED	08/25/2021 14:22:21	35	0	142	304	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1072	ARRIVAL	08/25/2021 14:22:28	5	0	142	304	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1072	XML_FLIGHT_SUMMARY	08/25/2021 14:22:29	0	0	0	0		
Summer	C-GLYF	1073	POWER_ON	08/25/2021 14:33:33	NA	NA	NA	NA		
Summer	C-GLYF	1073	SCHED	08/25/2021 14:34:10	1	0	138	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1073	DEPARTURE	08/25/2021 14:35:09	1	75	252	314	065:01:35.40 N	096:04:51.60 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:37:16	2	100	434	307	065:03:40.80 N	096:11:01.20 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:39:57	3	10	186	242	065:06:07.79 N	096:18:00.00 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:42:16	4	69	248	62	065:06:04.20 N	096:17:14.39 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:46:07	5	71	206	247	065:06:20.39 N	096:15:33.00 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:48:16	6	93	239	58	065:06:24.00 N	096:16:08.40 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:50:25	7	0	133	110	065:06:27.59 N	096:15:01.79 W
Summer	C-GLYF	1073	SCHED	08/25/2021 14:52:41	8	0	141	293	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1073	ARRIVAL	08/25/2021 14:53:16	1	0	140	293	065:06:07.79 N	096:17:59.40 W
Summer	C-GLYF	1073	XML_FLIGHT_SUMMARY	08/25/2021 14:53:17	0	0	0	0		
Summer	C-GLYF	1074	DEPARTURE	08/25/2021 14:55:05	2	79	189	70	065:05:58.80 N	096:17:34.79 W
Summer	C-GLYF	1074	ARRIVAL	08/25/2021 14:57:12	2	0	127	326	065:06:27.59 N	096:15:01.79 W
Summer	C-GLYF	1074	SCHED	08/25/2021 14:57:20	9	0	127	326	065:06:27.59 N	096:15:01.79 W
Summer	C-GLYF	1074	POWER_ON	08/25/2021 15:15:17	NA	NA	NA	NA		
Summer	C-GLYF	1074	SCHED	08/25/2021 15:15:53	1	0	121	134	065:06:27.59 N	096:15:01.79 W
Summer	C-GLYF	1074	SCHED	08/25/2021 15:17:53	1	0	130	347	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1074	ARRIVAL	08/25/2021 15:18:12	1	0	131	347	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1074	DEPARTURE	08/25/2021 15:19:20	2	66	189	225	065:06:21.59 N	096:15:16.79 W
Summer	C-GLYF	1074	SCHED	08/25/2021 15:21:31	2	113	392	129	065:03:55.19 N	096:10:12.59 W
Summer	C-GLYF	1074	SCHED	08/25/2021 15:23:40	3	40	187	126	065:01:32.39 N	096:04:25.20 W
Summer	C-GLYF	1074	ARRIVAL	08/25/2021 15:24:51	2	0	150	125	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1074	XML_FLIGHT_SUMMARY	08/25/2021 15:24:52	0	0	0	0		
Summer	C-GLYF	1075	POWER_ON	08/25/2021 17:42:08	NA	NA	NA	NA		
Summer	C-GLYF	1075	SCHED	08/25/2021 17:43:22	1	3	150	218	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1075	DEPARTURE	08/25/2021 17:43:38	1	63	193	179	065:01:14.99 N	096:04:38.39 W
Summer	C-GLYF	1075	SCHED	08/25/2021 17:45:46	2	52	193	100	064:59:17.40 N	096:00:53.99 W
Summer	C-GLYF	1075	ARRIVAL	08/25/2021 17:47:10	1	0	155	235	064:59:11.40 N	096:00:42.60 W
Summer	C-GLYF	1075	XML_FLIGHT_SUMMARY	08/25/2021 17:47:11	0	0	0	0		
Summer	C-GLYF	1076	DEPARTURE	08/25/2021 17:48:53	2	66	217	336	064:59:10.80 N	096:01:09.59 W
Summer	C-GLYF	1076	SCHED	08/25/2021 17:51:00	3	24	158	277	065:01:28.79 N	096:04:11.99 W
Summer	C-GLYF	1076	XML_OVERDUE_REPORT	08/25/2021 17:58:18	0	0	0	0		
Summer	C-GLYF	1076	POWER_ON	08/25/2021 20:06:31	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1076	SCHED	08/25/2021 20:09:47	1	101	293	125	064:59:33.00 N	096:01:57.60 W
Summer	C-GLYF	1076	DEPARTURE	08/25/2021 20:09:58	1	64	186	182	065:01:13.80 N	096:04:38.39 W
Summer	C-GLYF	1076	ARRIVAL	08/25/2021 20:12:06	1	0	156	305	064:59:05.39 N	096:00:45.59 W
Summer	C-GLYF	1076	XML_FLIGHT_SUMMARY	08/25/2021 20:12:07	0	0	0	0		
Summer	C-GLYF	1076	SCHED	08/25/2021 20:12:18	2	0	157	305	064:59:05.39 N	096:00:45.59 W
Summer	C-GLYF	1077	DEPARTURE	08/25/2021 20:14:07	2	69	211	74	064:58:56.39 N	096:00:28.20 W
Summer	C-GLYF	1077	SCHED	08/25/2021 20:16:21	3	31	170	210	064:59:58.19 N	096:05:23.39 W
Summer	C-GLYF	1077	SCHED	08/25/2021 20:18:36	4	0	144	328	064:59:48.59 N	096:05:36.00 W
Summer	C-GLYF	1077	ARRIVAL	08/25/2021 20:18:53	2	0	143	328	064:59:48.59 N	096:05:36.00 W
Summer	C-GLYF	1077	DEPARTURE	08/25/2021 20:20:22	3	71	207	346	064:59:52.80 N	096:06:09.00 W
Summer	C-GLYF	1077	SCHED	08/25/2021 20:22:29	5	0	142	284	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1077	ARRIVAL	08/25/2021 20:22:46	3	0	141	284	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1077	POWER_ON	08/25/2021 20:40:01	NA	NA	NA	NA		
Summer	C-GLYF	1077	SCHED	08/25/2021 20:40:37	1	0	143	312	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1077	DEPARTURE	08/25/2021 20:41:31	1	72	217	312	065:01:38.39 N	096:04:46.19 W
Summer	C-GLYF	1077	SCHED	08/25/2021 20:43:42	2	5	172	154	065:01:50.99 N	096:09:31.79 W
Summer	C-GLYF	1077	ARRIVAL	08/25/2021 20:44:47	1	0	153	137	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1077	DEPARTURE	08/25/2021 20:45:44	2	75	220	322	065:02:01.80 N	096:10:06.59 W
Summer	C-GLYF	1077	SCHED	08/25/2021 20:47:52	3	124	415	4	065:05:43.80 N	096:14:39.59 W
Summer	C-GLYF	1077	ARRIVAL	08/25/2021 20:49:49	2	0	128	332	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1077	XML_FLIGHT_SUMMARY	08/25/2021 20:49:50	0	0	0	0		
Summer	C-GLYF	1077	SCHED	08/25/2021 20:52:00	4	0	124	332	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1077	SCHED	08/25/2021 20:54:08	5	52	231	221	065:06:24.59 N	096:15:08.99 W
Summer	C-GLYF	1078	DEPARTURE	08/25/2021 20:54:18	3	53	233	221	065:06:24.00 N	096:15:10.20 W
Summer	C-GLYF	1078	SCHED	08/25/2021 20:56:27	6	81	352	141	065:04:04.20 N	096:12:47.39 W
Summer	C-GLYF	1078	SCHED	08/25/2021 20:58:36	7	17	219	202	065:01:54.00 N	096:09:24.59 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:00:53	8	68	258	328	065:02:08.99 N	096:10:09.59 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:03:02	9	86	311	323	065:04:35.39 N	096:14:26.99 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:05:14	10	9	181	238	065:06:35.99 N	096:14:45.00 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:07:27	11	53	207	222	065:06:24.59 N	096:15:06.60 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:09:48	12	84	352	141	065:04:13.79 N	096:13:07.80 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:12:02	13	20	216	211	065:01:52.80 N	096:09:24.59 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:14:10	14	101	342	322	065:02:42.59 N	096:11:15.60 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:16:21	15	94	352	9	065:06:04.20 N	096:14:35.40 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:18:31	16	1	166	243	065:06:35.39 N	096:14:48.00 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:20:39	17	83	328	141	065:04:47.40 N	096:14:15.60 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:22:49	18	72	303	146	065:02:15.60 N	096:09:41.99 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:25:03	19	1	183	114	065:01:52.19 N	096:09:25.80 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:28:12	20	82	370	324	065:03:25.20 N	096:12:40.20 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:30:20	21	75	311	47	065:06:18.00 N	096:15:03.00 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:32:28	22	0	163	218	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:34:39	23	75	350	128	065:05:18.59 N	096:14:12.60 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:36:46	24	72	409	129	065:03:40.80 N	096:09:02.39 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:39:02	25	58	324	147	065:01:50.39 N	096:05:02.39 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:41:11	26	0	173	150	065:01:19.79 N	096:04:26.39 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:43:29	27	88	376	305	065:02:31.19 N	096:07:01.79 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:45:53	28	86	514	322	065:04:35.99 N	096:13:01.19 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:48:01	29	1	172	351	065:06:35.39 N	096:14:48.00 W
Summer	C-GLYF	1078	ARRIVAL	08/25/2021 21:50:04	3	0	132	62	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1078	XML_FLIGHT_SUMMARY	08/25/2021 21:50:05	0	0	0	0		
Summer	C-GLYF	1078	SCHED	08/25/2021 21:50:12	30	0	132	62	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1078	SCHED	08/25/2021 21:52:20	31	0	126	62	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1079	DEPARTURE	08/25/2021 21:53:40	4	67	193	225	065:06:21.59 N	096:15:20.40 W
Summer	C-GLYF	1079	SCHED	08/25/2021 21:55:51	32	116	398	127	065:04:04.79 N	096:10:38.40 W
Summer	C-GLYF	1079	SCHED	08/25/2021 21:57:57	33	51	190	195	065:01:32.39 N	096:04:00.00 W
Summer	C-GLYF	1079	ARRIVAL	08/25/2021 21:59:24	4	0	131	245	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1079	XML_FLIGHT_SUMMARY	08/25/2021 21:59:25	0	0	0	0		
Summer	C-GLYF	1080	POWER_ON	08/25/2021 22:30:26	NA	NA	NA	NA		
Summer	C-GLYF	1080	SCHED	08/25/2021 22:31:27	1	0	146	220	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1080	DEPARTURE	08/25/2021 22:32:24	1	56	222	201	065:01:13.80 N	096:04:38.99 W
Summer	C-GLYF	1080	SCHED	08/25/2021 22:34:30	2	0	133	271	064:59:57.60 N	096:05:31.19 W
Summer	C-GLYF	1080	ARRIVAL	08/25/2021 22:34:38	1	0	133	271	064:59:57.60 N	096:05:31.19 W
Summer	C-GLYF	1080	DEPARTURE	08/25/2021 22:36:19	2	68	226	313	064:59:52.80 N	096:06:00.00 W
Summer	C-GLYF	1080	SCHED	08/25/2021 22:38:26	3	0	133	186	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1080	ARRIVAL	08/25/2021 22:38:50	2	0	133	186	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1080	POWER_ON	08/25/2021 23:03:27	NA	NA	NA	NA		
Summer	C-GLYF	1080	SCHED	08/25/2021 23:04:03	1	0	137	213	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1080	DEPARTURE	08/25/2021 23:04:47	1	80	201	326	065:01:35.40 N	096:04:56.99 W
Summer	C-GLYF	1080	SCHED	08/25/2021 23:06:55	2	124	396	314	065:04:16.79 N	096:12:04.19 W
Summer	C-GLYF	1080	SCHED	08/25/2021 23:09:04	3	0	120	336	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1080	ARRIVAL	08/25/2021 23:09:50	1	0	119	336	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1080	XML_FLIGHT_SUMMARY	08/25/2021 23:09:51	0	0	0	0		
Summer	C-GLYF	1080	SCHED	08/25/2021 23:11:56	4	0	117	336	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1080	SCHED	08/25/2021 23:14:03	5	0	117	353	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1080	SCHED	08/25/2021 23:16:11	6	0	120	1	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1080	SCHED	08/25/2021 23:18:19	7	0	119	1	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1081	DEPARTURE	08/25/2021 23:19:40	2	70	181	223	065:06:20.39 N	096:15:17.99 W
Summer	C-GLYF	1081	SCHED	08/25/2021 23:21:55	8	114	445	130	065:03:13.79 N	096:07:43.79 W
Summer	C-GLYF	1081	SCHED	08/25/2021 23:24:03	9	0	136	222	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	1081	ARRIVAL	08/25/2021 23:24:29	2	0	137	222	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	1081	XML_FLIGHT_SUMMARY	08/25/2021 23:24:30	0	0	0	0		
Summer	C-GLYF	1082	DEPARTURE	08/25/2021 23:25:23	3	79	224	318	065:01:33.59 N	096:04:53.40 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:27:41	10	119	563	325	065:04:58.20 N	096:10:21.60 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:29:49	11	129	557	326	065:09:02.39 N	096:16:36.59 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:32:00	12	129	573	327	065:12:49.79 N	096:22:34.19 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:34:10	13	131	573	328	065:16:43.80 N	096:28:40.20 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:36:23	14	133	524	327	065:20:42.60 N	096:34:41.39 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:38:37	15	25	186	272	065:23:53.99 N	096:40:23.39 W
Summer	C-GLYF	1082	ARRIVAL	08/25/2021 23:40:04	3	0	155	87	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1082	XML_FLIGHT_SUMMARY	08/25/2021 23:40:05	0	0	0	0		
Summer	C-GLYF	1082	SCHED	08/25/2021 23:42:11	16	0	154	87	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:44:19	17	18	201	216	065:23:55.79 N	096:40:15.60 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:46:38	18	3	195	256	065:23:54.59 N	096:40:25.80 W
Summer	C-GLYF	1082	SCHED	08/25/2021 23:48:49	19	0	160	349	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1083	POWER_ON	08/25/2021 23:58:42	NA	NA	NA	NA		
Summer	C-GLYF	1083	SCHED	08/25/2021 23:59:11	1	0	158	236	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1083	DEPARTURE	08/26/2021 00:00:06	1	78	238	145	065:23:35.99 N	096:40:14.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1083	SCHED	08/26/2021 00:02:16	2	110	473	145	065:20:33.00 N	096:34:49.79 W
Summer	C-GLYF	1083	SCHED	08/26/2021 00:04:24	3	109	464	145	065:17:17.39 N	096:29:28.20 W
Summer	C-GLYF	1083	SCHED	08/26/2021 00:06:32	4	113	428	146	065:14:01.80 N	096:24:11.39 W
Summer	C-GLYF	1083	SCHED	08/26/2021 00:08:44	5	108	415	146	065:10:44.99 N	096:19:01.79 W
Summer	C-GLYF	1083	SCHED	08/26/2021 00:10:52	6	108	437	147	065:07:28.19 N	096:13:49.19 W
Summer	C-GLYF	1083	SCHED	08/26/2021 00:13:00	7	110	449	145	065:04:15.59 N	096:08:22.19 W
Summer	C-GLYF	1083	SCHED	08/26/2021 00:15:11	8	33	168	145	065:01:31.79 N	096:04:21.00 W
Summer	C-GLYF	1083	ARRIVAL	08/26/2021 00:16:14	1	0	136	155	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1083	XML_FLIGHT_SUMMARY	08/26/2021 00:16:15	0	0	0	0		
Summer	C-GLYF	1084	POWER_ON	08/26/2021 11:03:45	NA	NA	NA	NA		
Summer	C-GLYF	1084	SCHED	08/26/2021 11:04:23	1	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1084	SCHED	08/26/2021 11:06:54	2	67	167	316	065:01:30.59 N	096:04:45.60 W
Summer	C-GLYF	1084	DEPARTURE	08/26/2021 11:07:02	1	75	186	330	065:01:36.59 N	096:04:55.20 W
Summer	C-GLYF	1084	SCHED	08/26/2021 11:09:09	3	91	400	316	065:04:02.40 N	096:11:31.19 W
Summer	C-GLYF	1084	SCHED	08/26/2021 11:11:15	4	47	214	276	065:06:35.39 N	096:14:23.40 W
Summer	C-GLYF	1084	ARRIVAL	08/26/2021 11:12:43	1	0	143	332	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1084	XML_FLIGHT_SUMMARY	08/26/2021 11:12:44	0	0	0	0		
Summer	C-GLYF	1084	SCHED	08/26/2021 11:14:56	5	0	142	332	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1084	SCHED	08/26/2021 11:17:07	6	0	141	332	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1084	SCHED	08/26/2021 11:19:20	7	29	142	229	065:06:33.60 N	096:14:51.59 W
Summer	C-GLYF	1085	DEPARTURE	08/26/2021 11:19:35	2	58	195	218	065:06:21.59 N	096:15:14.40 W
Summer	C-GLYF	1085	SCHED	08/26/2021 11:21:44	8	125	434	128	065:03:47.39 N	096:09:32.39 W
Summer	C-GLYF	1085	SCHED	08/26/2021 11:23:54	9	14	155	214	065:01:25.79 N	096:04:11.99 W
Summer	C-GLYF	1085	ARRIVAL	08/26/2021 11:24:57	2	0	143	259	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1085	XML_FLIGHT_SUMMARY	08/26/2021 11:24:58	0	0	0	0		
Summer	C-GLYF	1086	POWER_ON	08/26/2021 11:35:03	NA	NA	NA	NA		
Summer	C-GLYF	1086	SCHED	08/26/2021 11:35:40	1	0	151	286	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1086	DEPARTURE	08/26/2021 11:37:04	1	74	255	328	065:01:36.00 N	096:04:49.19 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:39:13	2	82	441	312	065:03:27.00 N	096:09:54.00 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:41:20	3	88	434	340	065:05:39.60 N	096:14:33.00 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:43:30	4	0	176	241	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:45:37	5	87	359	144	065:05:37.19 N	096:15:28.79 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:47:51	6	93	472	124	065:03:45.60 N	096:09:08.39 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:50:01	7	48	275	153	065:01:34.20 N	096:04:33.00 W
Summer	C-GLYF	1086	SCHED	08/26/2021 11:52:10	8	6	207	38	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1086	ARRIVAL	08/26/2021 11:54:01	1	0	151	195	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1086	XML_FLIGHT_SUMMARY	08/26/2021 11:54:02	0	0	0	0		
Summer	C-GLYF	1087	POWER_ON	08/26/2021 13:25:29	NA	NA	NA	NA		
Summer	C-GLYF	1087	SCHED	08/26/2021 13:27:19	1	67	281	147	065:01:02.99 N	096:04:23.40 W
Summer	C-GLYF	1087	DEPARTURE	08/26/2021 13:27:44	1	57	231	164	065:01:13.20 N	096:04:35.40 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:30:06	2	98	467	33	065:04:16.20 N	095:59:08.99 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:32:15	3	47	467	251	065:03:48.60 N	096:00:37.79 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:34:25	4	73	408	227	065:04:07.20 N	095:58:52.80 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:36:32	5	103	503	321	065:06:08.39 N	096:04:13.79 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:38:50	6	104	557	321	065:09:04.20 N	096:09:19.19 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:41:51	7	107	569	319	065:12:45.00 N	096:16:28.79 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:44:02	8	104	601	321	065:16:02.99 N	096:23:16.20 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:46:21	9	107	603	319	065:18:50.99 N	096:29:03.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:48:28	10	106	511	329	065:22:10.79 N	096:35:00.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:50:43	11	75	359	316	065:24:54.00 N	096:39:22.19 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:53:06	12	91	352	190	065:24:10.80 N	096:44:57.60 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:55:15	13	86	328	38	065:23:42.60 N	096:44:47.39 W
Summer	C-GLYF	1087	SCHED	08/26/2021 13:58:07	14	72	343	200	065:24:18.60 N	096:39:12.60 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:00:14	15	44	334	303	065:23:47.99 N	096:42:37.19 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:02:28	16	62	360	101	065:24:58.79 N	096:43:41.39 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:04:48	17	44	319	271	065:25:06.00 N	096:40:06.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:06:56	18	86	359	74	065:24:47.99 N	096:42:18.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:09:09	19	11	242	155	065:24:15.00 N	096:39:46.20 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:11:24	20	22	297	329	065:24:12.00 N	096:39:45.60 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:13:33	21	19	205	46	065:25:06.00 N	096:41:01.80 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:15:47	22	64	299	210	065:24:28.19 N	096:42:56.39 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:18:07	23	1	213	138	065:24:22.80 N	096:43:45.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:20:19	24	15	221	198	065:23:59.39 N	096:42:51.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:22:29	25	2	209	290	065:24:00.59 N	096:41:16.19 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:24:36	26	8	201	247	065:23:50.40 N	096:41:23.40 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:28:13	27	8	264	321	065:24:30.00 N	096:41:53.40 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:30:24	28	106	502	144	065:22:45.60 N	096:40:20.39 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:32:36	29	121	594	141	065:19:28.80 N	096:34:04.79 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:34:54	30	127	617	143	065:15:53.39 N	096:27:32.39 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:37:04	31	125	619	144	065:12:00.59 N	096:20:30.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:39:11	32	123	598	142	065:08:31.19 N	096:14:06.00 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:41:23	33	122	589	142	065:05:09.59 N	096:07:31.79 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:43:31	34	69	315	153	065:02:04.19 N	096:02:40.20 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:45:40	35	28	380	187	065:01:36.00 N	096:02:08.99 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:48:33	36	60	313	288	065:01:58.80 N	096:03:31.20 W
Summer	C-GLYF	1087	SCHED	08/26/2021 14:50:43	37	0	141	261	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1087	ARRIVAL	08/26/2021 14:51:16	1	0	139	261	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1087	XML_FLIGHT_SUMMARY	08/26/2021 14:51:17	0	0	0	0		
Summer	C-GLYF	1087	SCHED	08/26/2021 14:53:27	38	0	135	261	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1088	POWER_ON	08/26/2021 15:06:14	NA	NA	NA	NA		
Summer	C-GLYF	1088	SCHED	08/26/2021 15:07:00	1	0	142	325	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1088	DEPARTURE	08/26/2021 15:07:50	1	71	199	315	065:01:38.39 N	096:04:42.60 W
Summer	C-GLYF	1088	SCHED	08/26/2021 15:09:59	2	9	149	332	065:01:50.39 N	096:09:31.19 W
Summer	C-GLYF	1088	ARRIVAL	08/26/2021 15:10:52	1	0	145	24	065:01:50.99 N	096:09:31.19 W
Summer	C-GLYF	1088	DEPARTURE	08/26/2021 15:12:55	2	66	207	327	065:02:04.19 N	096:09:58.20 W
Summer	C-GLYF	1088	SCHED	08/26/2021 15:15:17	3	82	379	356	065:05:50.99 N	096:14:42.00 W
Summer	C-GLYF	1088	SCHED	08/26/2021 15:17:25	4	0	129	325	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1088	ARRIVAL	08/26/2021 15:17:31	2	0	129	325	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1088	XML_FLIGHT_SUMMARY	08/26/2021 15:17:32	0	0	0	0		
Summer	C-GLYF	1089	POWER_ON	08/26/2021 15:37:56	NA	NA	NA	NA		
Summer	C-GLYF	1089	SCHED	08/26/2021 15:38:34	1	0	129	66	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:40:49	2	0	172	144	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:43:00	3	0	169	240	065:06:27.59 N	096:15:03.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:45:09	4	0	133	9	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:47:22	5	0	129	64	065:06:27.59 N	096:15:01.19 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:49:30	6	6	176	353	065:06:34.79 N	096:14:47.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:51:38	7	2	171	348	065:06:35.39 N	096:14:46.80 W
Summer	C-GLYF	1089	DEPARTURE	08/26/2021 15:53:21	1	40	186	103	065:06:38.39 N	096:14:51.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1089	SCHED	08/26/2021 15:55:32	8	0	172	266	065:06:27.59 N	096:15:05.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:57:40	9	8	172	249	065:06:27.59 N	096:15:03.60 W
Summer	C-GLYF	1089	SCHED	08/26/2021 15:59:50	10	34	189	164	065:06:38.39 N	096:14:42.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:01:57	11	18	183	223	065:06:30.00 N	096:14:56.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:04:04	12	2	167	216	065:06:35.39 N	096:14:46.80 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:06:20	13	5	174	250	065:06:35.39 N	096:14:46.20 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:08:36	14	66	200	15	065:06:35.39 N	096:15:13.19 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:10:47	15	10	164	268	065:06:27.59 N	096:15:06.60 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:12:55	16	20	167	268	065:06:27.59 N	096:15:07.19 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:15:05	17	19	168	281	065:06:27.59 N	096:15:06.60 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:17:15	18	2	172	233	065:06:27.59 N	096:15:04.19 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:19:23	19	12	185	223	065:06:34.19 N	096:14:49.19 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:21:32	20	55	195	347	065:06:31.80 N	096:15:13.79 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:23:43	21	0	165	238	065:06:27.59 N	096:15:05.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:26:50	22	0	164	226	065:06:28.19 N	096:15:05.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:29:06	23	59	208	110	065:06:41.99 N	096:14:49.79 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:31:14	24	1	171	247	065:06:27.59 N	096:15:06.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:33:24	25	8	176	248	065:06:28.19 N	096:15:04.19 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:36:24	26	1	174	263	065:06:27.59 N	096:15:05.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:38:36	27	17	177	219	065:06:34.79 N	096:14:48.59 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:40:44	28	0	169	226	065:06:35.39 N	096:14:48.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:43:02	29	57	204	98	065:06:41.40 N	096:14:52.80 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:45:11	30	61	220	81	065:06:41.99 N	096:14:58.20 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:48:19	31	24	184	206	065:06:37.19 N	096:14:42.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:50:31	32	1	169	223	065:06:35.39 N	096:14:46.20 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:52:40	33	14	170	212	065:06:36.60 N	096:14:44.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:54:50	34	26	185	188	065:06:37.19 N	096:14:42.00 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:56:58	35	5	168	239	065:06:35.39 N	096:14:46.80 W
Summer	C-GLYF	1089	SCHED	08/26/2021 16:59:04	36	0	165	239	065:06:34.79 N	096:14:47.39 W
Summer	C-GLYF	1089	SCHED	08/26/2021 17:03:04	37	115	394	131	065:04:22.19 N	096:11:10.80 W
Summer	C-GLYF	1089	SCHED	08/26/2021 17:05:12	38	60	237	120	065:01:33.59 N	096:04:18.59 W
Summer	C-GLYF	1089	ARRIVAL	08/26/2021 17:06:36	1	0	134	317	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1089	XML_FLIGHT_SUMMARY	08/26/2021 17:06:37	0	0	0	0		
Summer	C-GLYF	1090	POWER_ON	08/26/2021 17:16:23	NA	NA	NA	NA		
Summer	C-GLYF	1090	SCHED	08/26/2021 17:17:01	1	0	142	305	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1090	DEPARTURE	08/26/2021 17:17:45	1	78	208	317	065:01:39.00 N	096:04:45.60 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:19:55	2	102	427	309	065:03:57.60 N	096:11:03.59 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:22:04	3	25	156	248	065:06:25.80 N	096:14:58.80 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:24:11	4	4	168	182	065:06:34.19 N	096:14:45.59 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:26:18	5	15	234	209	065:06:27.59 N	096:14:54.60 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:28:33	6	2	160	334	065:06:24.59 N	096:15:13.19 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:30:43	7	0	152	254	065:06:29.39 N	096:14:32.39 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:32:53	8	0	151	238	065:06:29.39 N	096:14:32.39 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:35:03	9	2	162	271	065:06:24.00 N	096:15:15.60 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:37:13	10	8	158	248	065:06:29.39 N	096:14:31.20 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:41:00	11	1	158	292	065:06:24.00 N	096:15:15.60 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:43:09	12	0	162	263	065:06:24.00 N	096:15:15.60 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:46:07	13	38	148	209	065:06:31.19 N	096:14:25.20 W
Summer	C-GLYF	1090	ARRIVAL	08/26/2021 17:47:01	1	0	118	317	065:06:29.39 N	096:14:35.40 W
Summer	C-GLYF	1090	XML_FLIGHT_SUMMARY	08/26/2021 17:47:02	0	0	0	0		
Summer	C-GLYF	1090	SCHED	08/26/2021 17:49:18	14	0	128	274	065:06:27.00 N	096:15:01.19 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:51:26	15	0	164	27	065:06:27.00 N	096:15:03.00 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:53:36	16	2	152	52	065:06:27.00 N	096:15:06.00 W
Summer	C-GLYF	1090	SCHED	08/26/2021 17:55:45	17	36	136	215	065:06:22.80 N	096:15:09.59 W
Summer	C-GLYF	1091	DEPARTURE	08/26/2021 17:57:25	2	84	178	48	065:06:33.60 N	096:15:22.20 W
Summer	C-GLYF	1091	SCHED	08/26/2021 17:59:31	18	0	129	329	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:01:49	19	0	171	327	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:03:57	20	0	163	241	065:06:35.39 N	096:14:47.39 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:06:08	21	76	201	37	065:06:33.00 N	096:15:20.99 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:08:16	22	72	195	31	065:06:33.00 N	096:15:17.99 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:11:17	23	0	153	256	065:06:20.39 N	096:15:20.40 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:13:27	24	8	162	281	065:06:20.39 N	096:15:18.60 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:15:38	25	3	129	135	065:06:19.80 N	096:15:17.39 W
Summer	C-GLYF	1091	ARRIVAL	08/26/2021 18:17:27	2	0	136	335	065:06:34.19 N	096:14:48.00 W
Summer	C-GLYF	1091	DEPARTURE	08/26/2021 18:18:29	3	37	136	232	065:06:21.00 N	096:15:08.40 W
Summer	C-GLYF	1091	ARRIVAL	08/26/2021 18:20:18	3	0	115	360	065:06:20.39 N	096:15:17.99 W
Summer	C-GLYF	1091	POWER_ON	08/26/2021 18:54:21	NA	NA	NA	NA		
Summer	C-GLYF	1091	SCHED	08/26/2021 18:55:12	1	2	121	88	065:06:20.39 N	096:15:17.99 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:57:23	2	39	136	227	065:06:24.59 N	096:15:10.20 W
Summer	C-GLYF	1091	DEPARTURE	08/26/2021 18:57:41	1	68	179	223	065:06:15.00 N	096:15:34.79 W
Summer	C-GLYF	1091	SCHED	08/26/2021 18:59:58	3	124	437	129	065:03:40.20 N	096:09:26.99 W
Summer	C-GLYF	1091	SCHED	08/26/2021 19:02:09	4	4	158	349	065:01:50.39 N	096:09:31.19 W
Summer	C-GLYF	1091	ARRIVAL	08/26/2021 19:03:07	1	0	142	5	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1091	XML_FLIGHT_SUMMARY	08/26/2021 19:03:08	0	0	0	0		
Summer	C-GLYF	1092	DEPARTURE	08/26/2021 19:04:12	2	85	216	37	065:02:08.40 N	096:09:29.40 W
Summer	C-GLYF	1092	SCHED	08/26/2021 19:06:23	5	14	148	277	065:01:24.59 N	096:04:11.40 W
Summer	C-GLYF	1092	ARRIVAL	08/26/2021 19:07:26	2	0	131	278	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1092	POWER_ON	08/26/2021 19:30:38	NA	NA	NA	NA		
Summer	C-GLYF	1092	SCHED	08/26/2021 19:31:31	1	0	143	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1092	DEPARTURE	08/26/2021 19:32:13	1	66	236	317	065:01:39.00 N	096:04:48.00 W
Summer	C-GLYF	1092	SCHED	08/26/2021 19:34:23	2	100	461	325	065:04:19.79 N	096:09:21.00 W
Summer	C-GLYF	1092	SCHED	08/26/2021 19:36:31	3	104	532	329	065:07:31.19 N	096:14:06.60 W
Summer	C-GLYF	1092	SCHED	08/26/2021 19:38:44	4	107	455	327	065:10:44.40 N	096:18:46.79 W
Summer	C-GLYF	1092	SCHED	08/26/2021 19:41:01	5	83	266	331	065:14:02.39 N	096:23:42.60 W
Summer	C-GLYF	1092	SCHED	08/26/2021 19:43:13	6	0	147	280	065:15:09.60 N	096:25:34.19 W
Summer	C-GLYF	1092	ARRIVAL	08/26/2021 19:43:29	1	0	148	280	065:15:09.60 N	096:25:34.19 W
Summer	C-GLYF	1092	XML_FLIGHT_SUMMARY	08/26/2021 19:43:30	0	0	0	0		
Summer	C-GLYF	1093	POWER_ON	08/26/2021 19:58:35	NA	NA	NA	NA		
Summer	C-GLYF	1093	SCHED	08/26/2021 19:59:29	1	0	153	41	065:15:09.60 N	096:25:34.19 W
Summer	C-GLYF	1093	DEPARTURE	08/26/2021 20:00:06	1	57	214	222	065:15:00.60 N	096:26:07.80 W
Summer	C-GLYF	1093	SCHED	08/26/2021 20:02:19	2	117	546	142	065:12:01.19 N	096:21:48.60 W
Summer	C-GLYF	1093	SCHED	08/26/2021 20:04:33	3	117	579	142	065:08:35.99 N	096:15:26.40 W
Summer	C-GLYF	1093	SCHED	08/26/2021 20:07:40	4	123	567	141	065:04:16.20 N	096:07:22.80 W
Summer	C-GLYF	1093	SCHED	08/26/2021 20:09:49	5	22	180	192	065:01:27.00 N	096:00:09.59 W
Summer	C-GLYF	1093	ARRIVAL	08/26/2021 20:11:14	1	0	139	20	065:01:23.40 N	096:00:13.79 W
Summer	C-GLYF	1093	XML_FLIGHT_SUMMARY	08/26/2021 20:11:15	0	0	0	0		
Summer	C-GLYF	1094	POWER_ON	08/26/2021 20:31:58	NA	NA	NA	NA		
Summer	C-GLYF	1094	SCHED	08/26/2021 20:32:36	1	0	135	0	065:01:23.40 N	096:00:13.79 W
Summer	C-GLYF	1094	DEPARTURE	08/26/2021 20:33:32	1	59	199	96	065:01:14.40 N	095:59:51.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1094	ARRIVAL	08/26/2021 20:35:14	1	0	143	350	065:01:12.60 N	095:59:03.00 W
Summer	C-GLYF	1094	SCHED	08/26/2021 20:37:20	2	69	180	276	065:01:17.39 N	095:59:34.79 W
Summer	C-GLYF	1094	DEPARTURE	08/26/2021 20:37:27	2	73	186	274	065:01:17.99 N	095:59:43.20 W
Summer	C-GLYF	1094	SCHED	08/26/2021 20:40:22	3	0	140	214	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1094	ARRIVAL	08/26/2021 20:40:29	2	0	140	214	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1094	POWER_ON	08/26/2021 22:25:08	NA	NA	NA	NA		
Summer	C-GLYF	1094	SCHED	08/26/2021 22:25:45	1	0	139	47	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1094	DEPARTURE	08/26/2021 22:26:30	1	57	199	24	065:01:36.59 N	096:04:36.60 W
Summer	C-GLYF	1094	SCHED	08/26/2021 22:28:36	2	0	140	301	065:01:13.80 N	095:59:02.39 W
Summer	C-GLYF	1094	ARRIVAL	08/26/2021 22:29:18	1	0	135	301	065:01:13.80 N	095:59:02.39 W
Summer	C-GLYF	1094	DEPARTURE	08/26/2021 22:30:35	2	72	160	290	065:01:23.99 N	095:59:38.40 W
Summer	C-GLYF	1094	SCHED	08/26/2021 22:32:43	3	0	141	240	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1094	ARRIVAL	08/26/2021 22:33:38	2	0	139	240	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1094	POWER_ON	08/26/2021 23:09:52	NA	NA	NA	NA		
Summer	C-GLYF	1094	SCHED	08/26/2021 23:10:42	1	0	136	80	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1094	DEPARTURE	08/26/2021 23:12:55	1	69	204	320	065:01:41.39 N	096:04:49.79 W
Summer	C-GLYF	1094	SCHED	08/26/2021 23:15:09	2	114	414	319	065:05:02.99 N	096:13:47.39 W
Summer	C-GLYF	1094	SCHED	08/26/2021 23:17:17	3	0	119	339	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1094	ARRIVAL	08/26/2021 23:17:27	1	0	119	339	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1094	XML_FLIGHT_SUMMARY	08/26/2021 23:17:28	0	0	0	0		
Summer	C-GLYF	1094	SCHED	08/26/2021 23:19:39	4	0	118	339	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1094	SCHED	08/26/2021 23:21:55	5	0	117	339	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1094	SCHED	08/26/2021 23:24:02	6	0	113	339	065:06:26.39 N	096:15:03.60 W
Summer	C-GLYF	1094	SCHED	08/26/2021 23:26:14	7	0	114	243	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1094	SCHED	08/26/2021 23:28:20	8	68	170	223	065:06:20.39 N	096:15:30.60 W
Summer	C-GLYF	1095	DEPARTURE	08/26/2021 23:28:30	2	75	192	221	065:06:16.19 N	096:15:40.20 W
Summer	C-GLYF	1095	SCHED	08/26/2021 23:30:43	9	122	472	125	065:03:44.39 N	096:09:41.99 W
Summer	C-GLYF	1095	SCHED	08/26/2021 23:33:03	10	3	143	248	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1095	ARRIVAL	08/26/2021 23:33:52	2	0	135	90	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1095	XML_FLIGHT_SUMMARY	08/26/2021 23:33:53	0	0	0	0		
Summer	C-GLYF	1096	POWER_ON	08/27/2021 11:08:55	NA	NA	NA	NA		
Summer	C-GLYF	1096	SCHED	08/27/2021 11:09:22	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:11:28	2	105	397	309	065:02:24.59 N	096:06:12.00 W
Summer	C-GLYF	1096	DEPARTURE	08/27/2021 11:11:38	1	104	425	311	065:02:36.00 N	096:06:43.19 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:13:46	3	134	404	313	065:05:18.59 N	096:14:29.39 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:15:52	4	0	128	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	ARRIVAL	08/27/2021 11:16:36	1	0	127	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	XML_FLIGHT_SUMMARY	08/27/2021 11:16:37	0	0	0	0		
Summer	C-GLYF	1096	SCHED	08/27/2021 11:18:45	5	0	127	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:20:53	6	0	125	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:23:03	7	0	122	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:25:12	8	0	120	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:27:24	9	0	119	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1096	SCHED	08/27/2021 11:29:32	10	0	118	51	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1097	DEPARTURE	08/27/2021 11:31:40	2	49	244	160	065:06:25.20 N	096:14:33.59 W
Summer	C-GLYF	1097	SCHED	08/27/2021 11:33:55	11	106	445	129	065:04:09.59 N	096:10:19.19 W
Summer	C-GLYF	1097	SCHED	08/27/2021 11:36:07	12	50	212	112	065:01:35.40 N	096:04:40.80 W
Summer	C-GLYF	1097	ARRIVAL	08/27/2021 11:37:40	2	0	146	253	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1097	XML_FLIGHT_SUMMARY	08/27/2021 11:37:41	0	0	0	0		
Summer	C-GLYF	1098	POWER_ON	08/27/2021 11:49:05	NA	NA	NA	NA		
Summer	C-GLYF	1098	SCHED	08/27/2021 11:51:10	1	0	175	121	065:01:27.60 N	096:04:18.00 W
Summer	C-GLYF	1098	SCHED	08/27/2021 11:53:26	2	31	224	203	065:01:16.20 N	096:04:32.39 W
Summer	C-GLYF	1098	DEPARTURE	08/27/2021 11:53:34	1	67	286	277	065:01:09.60 N	096:05:00.60 W
Summer	C-GLYF	1098	SCHED	08/27/2021 11:55:46	3	72	337	308	065:03:10.20 N	096:08:53.99 W
Summer	C-GLYF	1098	SCHED	08/27/2021 11:57:53	4	74	386	310	065:04:38.39 N	096:13:25.20 W
Summer	C-GLYF	1098	SCHED	08/27/2021 12:00:05	5	33	247	39	065:06:22.19 N	096:15:22.80 W
Summer	C-GLYF	1098	SCHED	08/27/2021 12:02:23	6	14	185	129	065:06:27.59 N	096:15:04.79 W
Summer	C-GLYF	1098	SCHED	08/27/2021 12:05:40	7	68	394	126	065:04:21.00 N	096:11:18.00 W
Summer	C-GLYF	1098	SCHED	08/27/2021 12:07:50	8	68	353	152	065:02:08.99 N	096:05:48.00 W
Summer	C-GLYF	1098	SCHED	08/27/2021 12:09:57	9	8	188	11	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	1098	SCHED	08/27/2021 12:12:04	10	0	146	140	065:01:27.60 N	096:04:18.00 W
Summer	C-GLYF	1098	ARRIVAL	08/27/2021 12:12:28	1	0	146	140	065:01:27.60 N	096:04:18.00 W
Summer	C-GLYF	1098	XML_FLIGHT_SUMMARY	08/27/2021 12:12:29	0	0	0	0		
Summer	C-GLYF	1099	POWER_ON	08/27/2021 14:17:01	NA	NA	NA	NA		
Summer	C-GLYF	1099	SCHED	08/27/2021 14:17:36	1	0	129	302	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1099	DEPARTURE	08/27/2021 14:18:47	1	66	189	113	065:01:19.79 N	096:03:39.60 W
Summer	C-GLYF	1099	SCHED	08/27/2021 14:21:03	2	6	194	78	065:01:10.79 N	095:59:01.19 W
Summer	C-GLYF	1099	ARRIVAL	08/27/2021 14:21:56	1	0	182	213	065:01:10.79 N	095:59:01.80 W
Summer	C-GLYF	1099	DEPARTURE	08/27/2021 14:23:22	2	83	211	273	065:01:00.00 N	095:59:24.59 W
Summer	C-GLYF	1099	SCHED	08/27/2021 14:25:31	3	0	160	136	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1099	ARRIVAL	08/27/2021 14:25:56	2	0	160	136	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1099	POWER_ON	08/27/2021 15:21:51	NA	NA	NA	NA		
Summer	C-GLYF	1099	SCHED	08/27/2021 15:22:27	1	0	142	104	065:01:27.60 N	096:04:18.59 W
Summer	C-GLYF	1099	DEPARTURE	08/27/2021 15:23:44	1	64	199	116	065:01:21.60 N	096:03:40.20 W
Summer	C-GLYF	1099	SCHED	08/27/2021 15:25:52	2	1	146	107	065:01:09.60 N	095:59:03.00 W
Summer	C-GLYF	1099	ARRIVAL	08/27/2021 15:27:19	1	0	143	263	065:01:10.19 N	095:59:03.60 W
Summer	C-GLYF	1099	SCHED	08/27/2021 15:29:26	3	0	143	339	065:01:10.19 N	095:59:04.19 W
Summer	C-GLYF	1099	SCHED	08/27/2021 15:32:31	4	0	142	137	065:01:10.19 N	095:59:03.60 W
Summer	C-GLYF	1099	DEPARTURE	08/27/2021 15:33:32	2	67	189	225	065:00:56.99 N	095:59:26.99 W
Summer	C-GLYF	1099	SCHED	08/27/2021 15:35:38	5	0	142	224	065:00:20.40 N	096:01:43.20 W
Summer	C-GLYF	1099	ARRIVAL	08/27/2021 15:35:46	2	0	142	224	065:00:20.40 N	096:01:43.20 W
Summer	C-GLYF	1099	DEPARTURE	08/27/2021 15:37:28	3	75	214	41	065:00:19.79 N	096:01:12.60 W
Summer	C-GLYF	1099	SCHED	08/27/2021 15:39:35	6	0	148	176	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1099	ARRIVAL	08/27/2021 15:40:15	3	0	146	176	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1099	POWER_ON	08/27/2021 19:07:16	NA	NA	NA	NA		
Summer	C-GLYF	1099	DEPARTURE	08/27/2021 19:09:46	1	67	269	156	065:00:37.79 N	096:04:54.59 W
Summer	C-GLYF	1099	SCHED	08/27/2021 19:09:56	1	88	302	126	065:00:29.40 N	096:04:38.99 W
Summer	C-GLYF	1099	SCHED	08/27/2021 19:12:05	2	0	135	166	065:00:16.79 N	096:01:45.59 W
Summer	C-GLYF	1099	SCHED	08/27/2021 19:14:14	3	17	134	175	065:00:16.79 N	096:01:45.00 W
Summer	C-GLYF	1099	SCHED	08/27/2021 19:18:06	4	97	333	234	064:56:29.40 N	096:11:11.99 W
Summer	C-GLYF	1099	SCHED	08/27/2021 19:20:14	5	59	188	238	064:54:42.60 N	096:17:30.00 W
Summer	C-GLYF	1099	SCHED	08/27/2021 19:22:21	6	0	114	332	064:54:20.39 N	096:19:08.99 W
Summer	C-GLYF	1099	ARRIVAL	08/27/2021 19:22:27	1	0	114	332	064:54:20.39 N	096:19:08.99 W
Summer	C-GLYF	1099	XML_FLIGHT_SUMMARY	08/27/2021 19:22:28	0	0	0	0		
Summer	C-GLYF	1100	DEPARTURE	08/27/2021 19:24:55	2	64	171	0	064:54:25.19 N	096:19:32.39 W
Summer	C-GLYF	1100	SCHED	08/27/2021 19:27:05	7	123	541	50	064:58:39.59 N	096:10:49.79 W
Summer	C-GLYF	1100	SCHED	08/27/2021 19:29:13	8	78	281	326	065:01:16.20 N	096:03:05.40 W
Summer	C-GLYF	1100	ARRIVAL	08/27/2021 19:31:04	2	0	133	280	065:01:24.59 N	096:04:14.39 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1100	XML_FLIGHT_SUMMARY	08/27/2021 19:31:05	0	0	0	0		
Summer	C-GLYF	1101	POWER_ON	08/27/2021 20:15:12	NA	NA	NA	NA		
Summer	C-GLYF	1101	SCHED	08/27/2021 20:15:54	1	0	150	278	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1101	DEPARTURE	08/27/2021 20:16:44	1	74	201	312	065:01:37.80 N	096:04:44.39 W
Summer	C-GLYF	1101	SCHED	08/27/2021 20:18:52	2	109	403	308	065:03:56.40 N	096:11:10.80 W
Summer	C-GLYF	1101	SCHED	08/27/2021 20:21:04	3	19	145	270	065:06:25.80 N	096:15:00.00 W
Summer	C-GLYF	1101	ARRIVAL	08/27/2021 20:22:05	1	0	124	349	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1101	XML_FLIGHT_SUMMARY	08/27/2021 20:22:06	0	0	0	0		
Summer	C-GLYF	1101	SCHED	08/27/2021 20:24:13	4	0	129	349	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1101	SCHED	08/27/2021 20:26:32	5	19	171	237	065:06:27.59 N	096:15:07.19 W
Summer	C-GLYF	1102	DEPARTURE	08/27/2021 20:26:51	2	58	225	216	065:06:15.59 N	096:15:30.00 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:29:00	6	89	360	143	065:03:34.20 N	096:12:01.20 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:31:09	7	1	189	333	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:33:28	8	78	310	322	065:02:55.80 N	096:11:26.99 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:35:44	9	90	343	335	065:05:28.80 N	096:15:57.60 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:37:53	10	1	169	207	065:06:28.19 N	096:15:05.39 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:40:05	11	77	381	126	065:05:15.00 N	096:14:43.20 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:42:17	12	74	466	129	065:03:39.60 N	096:09:20.40 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:44:32	13	64	293	148	065:01:44.39 N	096:04:43.19 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:46:40	14	96	357	312	065:02:13.80 N	096:05:56.40 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:48:51	15	0	182	289	065:01:52.19 N	096:09:25.80 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:50:57	16	62	259	321	065:02:07.80 N	096:10:11.39 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:53:10	17	72	384	322	065:04:07.79 N	096:13:51.59 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:55:19	18	49	211	22	065:06:22.19 N	096:14:43.20 W
Summer	C-GLYF	1102	SCHED	08/27/2021 20:57:31	19	4	130	41	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1102	ARRIVAL	08/27/2021 20:58:20	2	0	126	47	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1102	XML_FLIGHT_SUMMARY	08/27/2021 20:58:21	0	0	0	0		
Summer	C-GLYF	1102	SCHED	08/27/2021 21:00:30	20	0	126	47	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1103	DEPARTURE	08/27/2021 21:01:43	3	66	181	224	065:06:16.19 N	096:15:36.59 W
Summer	C-GLYF	1103	SCHED	08/27/2021 21:03:51	21	125	525	127	065:03:33.59 N	096:09:18.60 W
Summer	C-GLYF	1103	SCHED	08/27/2021 21:05:57	22	8	145	212	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1103	ARRIVAL	08/27/2021 21:06:58	3	0	134	139	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1103	XML_FLIGHT_SUMMARY	08/27/2021 21:06:59	0	0	0	0		
Summer	C-GLYF	1104	POWER_ON	08/27/2021 21:20:12	NA	NA	NA	NA		
Summer	C-GLYF	1104	SCHED	08/27/2021 21:20:48	1	0	138	153	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1104	DEPARTURE	08/27/2021 21:21:32	1	63	217	216	065:01:25.20 N	096:04:51.60 W
Summer	C-GLYF	1104	SCHED	08/27/2021 21:23:40	2	106	461	223	064:58:51.59 N	096:09:36.60 W
Summer	C-GLYF	1104	SCHED	08/27/2021 21:25:49	3	108	356	220	064:56:01.80 N	096:15:34.19 W
Summer	C-GLYF	1104	SCHED	08/27/2021 21:27:56	4	3	111	62	064:54:16.80 N	096:19:05.99 W
Summer	C-GLYF	1104	ARRIVAL	08/27/2021 21:29:01	1	0	107	47	064:54:16.80 N	096:19:04.20 W
Summer	C-GLYF	1104	XML_FLIGHT_SUMMARY	08/27/2021 21:29:02	0	0	0	0		
Summer	C-GLYF	1105	POWER_ON	08/27/2021 22:15:59	NA	NA	NA	NA		
Summer	C-GLYF	1105	SCHED	08/27/2021 22:16:35	1	0	106	67	064:54:16.80 N	096:19:04.20 W
Summer	C-GLYF	1105	DEPARTURE	08/27/2021 22:18:15	1	55	181	322	064:54:16.19 N	096:19:38.39 W
Summer	C-GLYF	1105	SCHED	08/27/2021 22:20:28	2	108	387	39	064:57:06.60 N	096:13:49.79 W
Summer	C-GLYF	1105	SCHED	08/27/2021 22:22:36	3	113	462	57	064:59:59.39 N	096:07:22.80 W
Summer	C-GLYF	1105	SCHED	08/27/2021 22:24:43	4	14	153	262	065:01:28.20 N	096:04:14.39 W
Summer	C-GLYF	1105	SCHED	08/27/2021 22:26:53	5	0	140	189	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1105	XML_OVERDUE_REPORT	08/27/2021 22:34:14	0	0	0	0		
Summer	C-GLYF	1105	XML_FLIGHT_SUMMARY	08/27/2021 23:04:35	0	0	0	0		
Summer	C-GLYF	1106	POWER_ON	08/27/2021 23:04:34	NA	NA	NA	NA		
Summer	C-GLYF	1106	SCHED	08/27/2021 23:05:15	1	0	133	21	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1106	DEPARTURE	08/27/2021 23:05:54	1	73	207	323	065:01:39.59 N	096:04:49.19 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:08:04	2	110	416	309	065:04:13.20 N	096:12:10.80 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:10:13	3	7	120	324	065:06:26.39 N	096:15:04.19 W
Summer	C-GLYF	1106	ARRIVAL	08/27/2021 23:11:28	1	0	112	344	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1106	XML_FLIGHT_SUMMARY	08/27/2021 23:11:29	0	0	0	0		
Summer	C-GLYF	1106	SCHED	08/27/2021 23:13:36	4	0	114	344	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:15:43	5	0	114	344	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:17:53	6	0	114	344	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:20:03	7	0	118	344	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:22:11	8	0	119	1	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1106	SCHED	08/27/2021 23:24:22	9	0	119	1	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1107	DEPARTURE	08/27/2021 23:26:46	2	68	187	213	065:06:20.39 N	096:15:40.80 W
Summer	C-GLYF	1107	SCHED	08/27/2021 23:28:56	10	115	477	129	065:02:50.99 N	096:06:09.59 W
Summer	C-GLYF	1107	SCHED	08/27/2021 23:31:08	11	0	130	236	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1107	ARRIVAL	08/27/2021 23:31:34	2	0	130	236	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1107	XML_FLIGHT_SUMMARY	08/27/2021 23:31:35	0	0	0	0		
Summer	C-GLYF	1108	POWER_ON	08/28/2021 10:54:57	NA	NA	NA	NA		
Summer	C-GLYF	1108	SCHED	08/28/2021 10:55:50	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1108	DEPARTURE	08/28/2021 10:57:27	1	76	181	319	065:01:40.80 N	096:04:53.99 W
Summer	C-GLYF	1108	SCHED	08/28/2021 10:59:37	2	117	337	306	065:04:06.60 N	096:11:54.00 W
Summer	C-GLYF	1108	SCHED	08/28/2021 11:01:48	3	18	134	82	065:06:26.39 N	096:15:07.80 W
Summer	C-GLYF	1108	ARRIVAL	08/28/2021 11:02:52	1	0	117	41	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1108	XML_FLIGHT_SUMMARY	08/28/2021 11:02:53	0	0	0	0		
Summer	C-GLYF	1108	SCHED	08/28/2021 11:05:00	4	0	117	41	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1109	DEPARTURE	08/28/2021 11:05:46	2	82	172	222	065:06:15.59 N	096:15:40.80 W
Summer	C-GLYF	1109	SCHED	08/28/2021 11:07:58	5	121	406	123	065:03:46.19 N	096:10:19.79 W
Summer	C-GLYF	1109	SCHED	08/28/2021 11:10:06	6	29	178	123	065:01:29.39 N	096:04:17.39 W
Summer	C-GLYF	1109	ARRIVAL	08/28/2021 11:11:25	2	0	143	246	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1109	XML_FLIGHT_SUMMARY	08/28/2021 11:11:26	0	0	0	0		
Summer	C-GLYF	1110	POWER_ON	08/28/2021 12:44:02	NA	NA	NA	NA		
Summer	C-GLYF	1110	SCHED	08/28/2021 12:44:50	1	0	140	304	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1110	DEPARTURE	08/28/2021 12:45:32	1	53	223	56	065:01:27.00 N	096:03:37.19 W
Summer	C-GLYF	1110	SCHED	08/28/2021 12:47:40	2	114	458	302	065:03:33.00 N	096:09:43.79 W
Summer	C-GLYF	1110	SCHED	08/28/2021 12:49:48	3	81	242	36	065:06:09.00 N	096:15:50.40 W
Summer	C-GLYF	1110	ARRIVAL	08/28/2021 12:51:21	1	0	134	65	065:06:27.00 N	096:15:03.60 W
Summer	C-GLYF	1110	XML_FLIGHT_SUMMARY	08/28/2021 12:51:22	0	0	0	0		
Summer	C-GLYF	1111	POWER_ON	08/28/2021 13:17:17	NA	NA	NA	NA		
Summer	C-GLYF	1111	SCHED	08/28/2021 13:17:56	1	0	129	298	065:06:27.00 N	096:15:04.19 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:20:04	2	0	166	28	065:06:28.19 N	096:15:05.39 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:22:13	3	0	168	298	065:06:28.19 N	096:15:05.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1111	DEPARTURE	08/28/2021 13:24:05	1	39	227	253	065:06:36.60 N	096:15:13.19 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:26:12	4	1	155	77	065:06:20.39 N	096:15:22.20 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:29:23	5	2	155	73	065:06:28.19 N	096:15:05.39 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:31:31	6	2	154	78	065:06:27.59 N	096:15:05.39 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:33:42	7	1	151	85	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:35:50	8	50	222	204	065:06:30.60 N	096:15:30.60 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:37:57	9	1	160	85	065:06:28.19 N	096:15:04.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:40:10	10	11	172	65	065:06:27.59 N	096:15:06.60 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:42:25	11	36	199	346	065:06:33.60 N	096:14:59.39 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:44:39	12	0	158	130	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:46:47	13	1	164	101	065:06:28.19 N	096:15:04.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:48:56	14	0	145	104	065:06:27.59 N	096:15:05.39 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:51:03	15	0	144	154	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:53:10	16	18	167	134	065:06:21.59 N	096:15:25.20 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:55:18	17	37	199	334	065:06:35.39 N	096:15:03.60 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:57:28	18	5	168	71	065:06:28.19 N	096:15:06.00 W
Summer	C-GLYF	1111	SCHED	08/28/2021 13:59:36	19	23	181	38	065:06:26.39 N	096:15:12.60 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:01:46	20	0	156	114	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:03:54	21	30	187	13	065:06:32.39 N	096:15:00.60 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:06:07	22	2	163	58	065:06:28.19 N	096:15:04.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:08:15	23	5	169	70	065:06:28.19 N	096:15:06.00 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:10:23	24	27	190	174	065:06:24.59 N	096:15:33.59 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:12:34	25	12	193	79	065:06:28.19 N	096:15:08.99 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:14:43	26	1	160	140	065:06:21.00 N	096:15:19.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:16:51	27	2	158	167	065:06:21.00 N	096:15:19.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:18:58	28	30	185	137	065:06:21.59 N	096:15:30.60 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:21:14	29	56	252	223	065:06:16.79 N	096:15:07.19 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:23:30	30	69	338	126	065:04:46.19 N	096:12:34.79 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:25:41	31	70	422	132	065:03:07.80 N	096:07:41.99 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:27:50	32	26	207	145	065:01:23.40 N	096:04:33.00 W
Summer	C-GLYF	1111	SCHED	08/28/2021 14:29:57	33	0	142	357	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1111	ARRIVAL	08/28/2021 14:30:41	1	0	141	357	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1111	XML_FLIGHT_SUMMARY	08/28/2021 14:30:42	0	0	0	0		
Summer	C-GLYF	1112	POWER_ON	08/28/2021 14:41:33	NA	NA	NA	NA		
Summer	C-GLYF	1112	SCHED	08/28/2021 14:42:56	1	2	163	33	065:01:25.20 N	096:04:13.20 W
Summer	C-GLYF	1112	DEPARTURE	08/28/2021 14:43:22	1	77	264	315	065:01:40.80 N	096:04:23.40 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:45:29	2	99	481	308	065:04:02.40 N	096:11:15.00 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:47:50	3	50	202	39	065:06:22.19 N	096:15:24.59 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:50:41	4	0	155	74	065:06:20.39 N	096:15:20.40 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:52:48	5	18	169	118	065:06:21.00 N	096:15:24.59 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:55:01	6	1	161	100	065:06:27.59 N	096:15:06.00 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:57:08	7	24	182	50	065:06:26.39 N	096:15:11.99 W
Summer	C-GLYF	1112	SCHED	08/28/2021 14:59:21	8	0	156	54	065:06:20.39 N	096:15:20.99 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:01:30	9	37	185	132	065:06:23.39 N	096:15:29.39 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:03:37	10	37	175	138	065:06:23.39 N	096:15:29.39 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:05:42	11	53	198	170	065:06:26.39 N	096:15:35.40 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:07:49	12	0	153	57	065:06:28.19 N	096:15:05.39 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:09:59	13	0	150	119	065:06:20.39 N	096:15:20.99 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:12:05	14	7	163	77	065:06:20.39 N	096:15:22.20 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:14:10	15	20	174	20	065:06:29.39 N	096:15:04.19 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:16:20	16	7	177	81	065:06:27.59 N	096:15:06.60 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:18:33	17	0	157	142	065:06:20.39 N	096:15:20.40 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:20:49	18	1	161	94	065:06:20.39 N	096:15:20.99 W
Summer	C-GLYF	1112	SCHED	08/28/2021 15:22:59	19	3	128	27	065:06:19.80 N	096:15:17.99 W
Summer	C-GLYF	1112	ARRIVAL	08/28/2021 15:24:16	1	0	120	118	065:06:19.80 N	096:15:17.99 W
Summer	C-GLYF	1112	XML_FLIGHT_SUMMARY	08/28/2021 15:24:17	0	0	0	0		
Summer	C-GLYF	1113	POWER_ON	08/28/2021 16:00:17	NA	NA	NA	NA		
Summer	C-GLYF	1113	SCHED	08/28/2021 16:00:52	1	0	113	0	065:06:19.80 N	096:15:17.39 W
Summer	C-GLYF	1113	DEPARTURE	08/28/2021 16:01:43	1	61	220	274	065:06:34.19 N	096:15:30.60 W
Summer	C-GLYF	1113	SCHED	08/28/2021 16:04:02	2	112	425	127	065:04:00.60 N	096:10:43.20 W
Summer	C-GLYF	1113	SCHED	08/28/2021 16:06:10	3	38	195	125	065:01:33.00 N	096:04:33.00 W
Summer	C-GLYF	1113	ARRIVAL	08/28/2021 16:07:27	1	0	140	99	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1113	XML_FLIGHT_SUMMARY	08/28/2021 16:07:28	0	0	0	0		
Summer	C-GLYF	1114	POWER_ON	08/28/2021 23:05:42	NA	NA	NA	NA		
Summer	C-GLYF	1114	SCHED	08/28/2021 23:06:21	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:08:42	2	5	140	130	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	1114	DEPARTURE	08/28/2021 23:08:58	1	52	204	20	065:01:28.79 N	096:03:45.00 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:11:06	3	114	460	301	065:03:44.39 N	096:10:40.80 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:13:17	4	58	182	75	065:06:16.19 N	096:16:00.60 W
Summer	C-GLYF	1114	ARRIVAL	08/28/2021 23:14:52	1	0	108	81	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1114	XML_FLIGHT_SUMMARY	08/28/2021 23:14:53	0	0	0	0		
Summer	C-GLYF	1114	SCHED	08/28/2021 23:17:00	5	0	105	81	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:19:09	6	0	103	81	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:21:30	7	0	104	81	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:24:30	8	0	106	317	065:06:19.20 N	096:15:20.99 W
Summer	C-GLYF	1114	SCHED	08/28/2021 23:26:40	9	0	106	317	065:06:19.20 N	096:15:20.99 W
Summer	C-GLYF	1115	DEPARTURE	08/28/2021 23:28:26	2	60	197	248	065:06:27.00 N	096:15:41.99 W
Summer	C-GLYF	1115	SCHED	08/28/2021 23:30:35	10	95	424	130	065:04:22.19 N	096:11:25.20 W
Summer	C-GLYF	1115	SCHED	08/28/2021 23:32:45	11	90	315	152	065:02:00.00 N	096:05:38.39 W
Summer	C-GLYF	1115	SCHED	08/28/2021 23:34:53	12	1	133	238	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1115	XML_OVERDUE_REPORT	08/28/2021 23:42:08	0	0	0	0		
Summer	C-GLYF	1115	XML_FLIGHT_SUMMARY	08/28/2021 23:44:45	0	0	0	0		
Summer	C-GLYF	1116	POWER_ON	08/28/2021 23:44:44	NA	NA	NA	NA		
Summer	C-GLYF	1116	SCHED	08/28/2021 23:45:16	1	0	134	256	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1116	DEPARTURE	08/28/2021 23:46:05	1	64	239	354	065:01:34.20 N	096:03:49.19 W
Summer	C-GLYF	1116	ARRIVAL	08/28/2021 23:47:59	1	0	134	141	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1116	POWER_ON	08/29/2021 11:07:50	NA	NA	NA	NA		
Summer	C-GLYF	1116	SCHED	08/29/2021 11:08:32	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1116	DEPARTURE	08/29/2021 11:10:19	1	70	202	337	065:01:38.39 N	096:04:02.39 W
Summer	C-GLYF	1116	SCHED	08/29/2021 11:17:02	2	0	115	340	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1116	ARRIVAL	08/29/2021 11:18:47	1	0	119	345	065:06:19.80 N	096:15:20.40 W
Summer	C-GLYF	1116	XML_FLIGHT_SUMMARY	08/29/2021 11:18:48	0	0	0	0		
Summer	C-GLYF	1116	SCHED	08/29/2021 11:20:55	3	0	115	345	065:06:19.80 N	096:15:20.40 W
Summer	C-GLYF	1116	SCHED	08/29/2021 11:23:13	4	42	138	81	065:06:22.19 N	096:15:11.40 W
Summer	C-GLYF	1117	DEPARTURE	08/29/2021 11:23:20	2	52	213	48	065:06:22.80 N	096:14:49.19 W
Summer	C-GLYF	1117	SCHED	08/29/2021 11:25:30	5	97	232	125	065:04:25.80 N	096:12:44.39 W
Summer	C-GLYF	1117	SCHED	08/29/2021 11:27:35	6	100	241	129	065:02:25.20 N	096:06:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1117	SCHED	08/29/2021 11:29:42	7	0	145	121	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1117	ARRIVAL	08/29/2021 11:29:50	2	0	145	121	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1117	XML_FLIGHT_SUMMARY	08/29/2021 11:29:51	0	0	0	0		
Summer	C-GLYF	1118	DEPARTURE	08/29/2021 11:31:00	3	89	233	316	065:01:43.80 N	096:04:21.59 W
Summer	C-GLYF	1118	SCHED	08/29/2021 11:33:11	8	107	236	307	065:03:58.19 N	096:11:39.59 W
Summer	C-GLYF	1118	SCHED	08/29/2021 11:35:20	9	12	163	95	065:06:21.00 N	096:15:22.80 W
Summer	C-GLYF	1118	SCHED	08/29/2021 11:37:28	10	61	225	128	065:05:25.80 N	096:15:39.00 W
Summer	C-GLYF	1118	SCHED	08/29/2021 11:39:40	11	62	217	130	065:04:06.60 N	096:11:22.19 W
Summer	C-GLYF	1118	SCHED	08/29/2021 11:42:39	12	64	231	140	065:02:23.39 N	096:05:56.99 W
Summer	C-GLYF	1118	SCHED	08/29/2021 11:44:49	13	28	186	43	065:01:26.40 N	096:04:24.00 W
Summer	C-GLYF	1118	ARRIVAL	08/29/2021 11:46:34	3	0	152	150	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1118	XML_FLIGHT_SUMMARY	08/29/2021 11:46:35	0	0	0	0		
Summer	C-GLYF	1119	POWER_ON	08/29/2021 12:51:51	NA	NA	NA	NA		
Summer	C-GLYF	1119	SCHED	08/29/2021 12:53:51	1	90	194	338	065:01:40.20 N	096:03:49.19 W
Summer	C-GLYF	1119	DEPARTURE	08/29/2021 12:54:00	1	78	194	2	065:01:34.79 N	096:03:46.19 W
Summer	C-GLYF	1119	SCHED	08/29/2021 12:56:07	2	120	189	271	065:02:42.59 N	096:15:16.19 W
Summer	C-GLYF	1119	SCHED	08/29/2021 12:58:16	3	72	171	216	065:00:47.39 N	096:21:44.40 W
Summer	C-GLYF	1119	ARRIVAL	08/29/2021 13:00:33	1	0	139	112	065:00:17.99 N	096:22:50.40 W
Summer	C-GLYF	1119	XML_FLIGHT_SUMMARY	08/29/2021 13:00:34	0	0	0	0		
Summer	C-GLYF	1119	SCHED	08/29/2021 13:00:41	4	0	139	112	065:00:17.99 N	096:22:50.40 W
Summer	C-GLYF	1120	DEPARTURE	08/29/2021 13:03:07	2	74	169	77	065:00:17.99 N	096:22:09.59 W
Summer	C-GLYF	1120	SCHED	08/29/2021 13:05:20	5	93	192	65	065:01:51.60 N	096:12:20.99 W
Summer	C-GLYF	1120	SCHED	08/29/2021 13:09:05	6	3	142	123	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1120	ARRIVAL	08/29/2021 13:09:20	2	0	139	123	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1120	XML_FLIGHT_SUMMARY	08/29/2021 13:09:21	0	0	0	0		
Summer	C-GLYF	1121	POWER_ON	08/29/2021 13:18:14	NA	NA	NA	NA		
Summer	C-GLYF	1121	SCHED	08/29/2021 13:18:54	1	0	139	100	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1121	DEPARTURE	08/29/2021 13:19:39	1	72	193	33	065:01:30.59 N	096:03:40.20 W
Summer	C-GLYF	1121	SCHED	08/29/2021 13:21:50	2	129	178	306	065:04:00.00 N	096:11:22.19 W
Summer	C-GLYF	1121	SCHED	08/29/2021 13:24:03	3	3	116	95	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1121	ARRIVAL	08/29/2021 13:24:53	1	0	108	72	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1121	XML_FLIGHT_SUMMARY	08/29/2021 13:24:54	0	0	0	0		
Summer	C-GLYF	1122	POWER_ON	08/29/2021 13:54:06	NA	NA	NA	NA		
Summer	C-GLYF	1122	SCHED	08/29/2021 13:54:43	1	0	109	26	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1122	SCHED	08/29/2021 13:57:41	2	39	181	243	065:06:13.20 N	096:15:31.79 W
Summer	C-GLYF	1122	DEPARTURE	08/29/2021 13:57:47	1	45	183	236	065:06:16.19 N	096:15:22.20 W
Summer	C-GLYF	1122	SCHED	08/29/2021 13:59:56	3	46	170	222	065:06:20.39 N	096:15:12.60 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:02:11	4	0	142	154	065:06:27.59 N	096:15:05.39 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:04:19	5	0	142	139	065:06:28.19 N	096:15:05.39 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:06:27	6	0	135	199	065:06:08.39 N	096:15:55.20 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:08:38	7	11	152	189	065:06:27.59 N	096:15:06.00 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:10:47	8	2	138	125	065:06:09.00 N	096:15:55.80 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:13:03	9	0	123	105	065:06:27.59 N	096:15:04.79 W
Summer	C-GLYF	1122	ARRIVAL	08/29/2021 14:13:42	1	0	123	105	065:06:27.59 N	096:15:04.79 W
Summer	C-GLYF	1122	DEPARTURE	08/29/2021 14:14:26	2	80	142	261	065:06:16.19 N	096:15:40.80 W
Summer	C-GLYF	1122	ARRIVAL	08/29/2021 14:15:57	2	0	115	221	065:06:09.59 N	096:15:55.20 W
Summer	C-GLYF	1122	POWER_ON	08/29/2021 14:47:25	NA	NA	NA	NA		
Summer	C-GLYF	1122	SCHED	08/29/2021 14:48:03	1	0	119	0	065:06:09.59 N	096:15:55.20 W
Summer	C-GLYF	1122	DEPARTURE	08/29/2021 14:48:38	1	33	137	58	065:06:19.80 N	096:15:33.00 W
Summer	C-GLYF	1122	ARRIVAL	08/29/2021 14:50:00	1	0	120	138	065:06:19.20 N	096:15:20.40 W
Summer	C-GLYF	1122	DEPARTURE	08/29/2021 14:51:51	2	76	172	221	065:06:06.00 N	096:15:50.40 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:54:15	2	104	193	130	065:03:38.39 N	096:10:23.99 W
Summer	C-GLYF	1122	SCHED	08/29/2021 14:56:26	3	19	160	164	065:01:26.40 N	096:04:13.20 W
Summer	C-GLYF	1122	ARRIVAL	08/29/2021 14:57:31	2	0	141	237	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1122	XML_FLIGHT_SUMMARY	08/29/2021 14:57:32	0	0	0	0		
Summer	C-GLYF	1123	POWER_ON	08/29/2021 15:08:13	NA	NA	NA	NA		
Summer	C-GLYF	1123	SCHED	08/29/2021 15:08:51	1	0	146	166	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1123	DEPARTURE	08/29/2021 15:09:44	1	76	197	46	065:01:29.39 N	096:03:30.00 W
Summer	C-GLYF	1123	SCHED	08/29/2021 15:11:53	2	115	190	247	065:01:55.19 N	096:11:32.39 W
Summer	C-GLYF	1123	SCHED	08/29/2021 15:14:01	3	57	170	258	065:00:54.00 N	096:15:47.39 W
Summer	C-GLYF	1123	SCHED	08/29/2021 15:16:08	4	84	175	260	065:00:34.20 N	096:21:36.60 W
Summer	C-GLYF	1123	ARRIVAL	08/29/2021 15:18:04	1	0	132	171	065:00:10.19 N	096:22:56.40 W
Summer	C-GLYF	1123	XML_FLIGHT_SUMMARY	08/29/2021 15:18:05	0	0	0	0		
Summer	C-GLYF	1124	DEPARTURE	08/29/2021 15:19:58	2	73	164	60	065:00:25.20 N	096:22:33.60 W
Summer	C-GLYF	1124	SCHED	08/29/2021 15:22:06	5	64	170	60	065:02:01.19 N	096:17:52.80 W
Summer	C-GLYF	1124	SCHED	08/29/2021 15:24:16	6	96	198	87	065:02:33.59 N	096:11:40.79 W
Summer	C-GLYF	1124	SCHED	08/29/2021 15:26:25	7	61	181	142	065:01:39.00 N	096:04:44.39 W
Summer	C-GLYF	1124	ARRIVAL	08/29/2021 15:27:53	2	0	144	126	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1124	XML_FLIGHT_SUMMARY	08/29/2021 15:27:54	0	0	0	0		
Summer	C-GLYF	1125	POWER_ON	08/29/2021 19:32:26	NA	NA	NA	NA		
Summer	C-GLYF	1125	DEPARTURE	08/29/2021 19:34:33	1	55	212	21	065:01:30.00 N	096:03:45.00 W
Summer	C-GLYF	1125	SCHED	08/29/2021 19:34:41	1	80	256	330	065:01:44.39 N	096:03:52.19 W
Summer	C-GLYF	1125	SCHED	08/29/2021 19:36:48	2	128	336	304	065:04:19.79 N	096:12:45.60 W
Summer	C-GLYF	1125	SCHED	08/29/2021 19:39:54	3	0	144	188	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1125	ARRIVAL	08/29/2021 19:40:02	1	0	144	188	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1125	XML_FLIGHT_SUMMARY	08/29/2021 19:40:03	0	0	0	0		
Summer	C-GLYF	1126	POWER_ON	08/29/2021 20:40:34	NA	NA	NA	NA		
Summer	C-GLYF	1126	SCHED	08/29/2021 20:41:12	1	0	152	0	065:06:15.59 N	096:17:16.79 W
Summer	C-GLYF	1126	DEPARTURE	08/29/2021 20:41:41	1	53	201	84	065:06:02.99 N	096:16:56.99 W
Summer	C-GLYF	1126	SCHED	08/29/2021 20:43:49	2	88	362	124	065:05:08.40 N	096:14:11.40 W
Summer	C-GLYF	1126	SCHED	08/29/2021 20:47:13	3	81	284	145	065:02:02.40 N	096:05:31.19 W
Summer	C-GLYF	1126	ARRIVAL	08/29/2021 20:48:54	1	0	134	102	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	1126	XML_FLIGHT_SUMMARY	08/29/2021 20:48:55	0	0	0	0		
Summer	C-GLYF	1127	POWER_ON	08/29/2021 21:10:30	NA	NA	NA	NA		
Summer	C-GLYF	1127	SCHED	08/29/2021 21:11:09	1	0	132	119	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1127	DEPARTURE	08/29/2021 21:12:28	1	65	186	105	065:01:21.60 N	096:03:36.59 W
Summer	C-GLYF	1127	SCHED	08/29/2021 21:15:21	2	0	126	232	065:01:26.40 N	096:00:16.19 W
Summer	C-GLYF	1127	ARRIVAL	08/29/2021 21:15:31	1	0	126	232	065:01:26.40 N	096:00:16.19 W
Summer	C-GLYF	1127	POWER_ON	08/29/2021 21:32:34	NA	NA	NA	NA		
Summer	C-GLYF	1127	SCHED	08/29/2021 21:34:13	1	69	199	230	065:01:07.19 N	096:00:13.79 W
Summer	C-GLYF	1127	DEPARTURE	08/29/2021 21:34:21	1	61	193	201	065:01:10.79 N	096:00:07.80 W
Summer	C-GLYF	1127	SCHED	08/29/2021 21:36:29	2	0	129	97	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1127	ARRIVAL	08/29/2021 21:36:39	1	0	129	97	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1127	POWER_ON	08/29/2021 22:43:29	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1127	SCHED	08/29/2021 22:44:37	1	0	130	0	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	1127	SCHED	08/29/2021 22:46:44	2	0	145	116	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1127	DEPARTURE	08/29/2021 22:47:39	1	89	232	326	065:01:45.00 N	096:04:15.00 W
Summer	C-GLYF	1127	SCHED	08/29/2021 22:49:49	3	123	387	303	065:04:08.40 N	096:12:16.19 W
Summer	C-GLYF	1127	SCHED	08/29/2021 22:51:59	4	3	186	110	065:06:21.00 N	096:15:20.40 W
Summer	C-GLYF	1127	SCHED	08/29/2021 22:54:10	5	54	284	132	065:05:36.60 N	096:15:51.00 W
Summer	C-GLYF	1127	SCHED	08/29/2021 22:56:30	6	58	362	123	065:04:25.80 N	096:11:50.40 W
Summer	C-GLYF	1127	SCHED	08/29/2021 22:58:45	7	62	419	132	065:03:00.60 N	096:07:32.39 W
Summer	C-GLYF	1127	SCHED	08/29/2021 23:00:52	8	34	226	148	065:01:28.20 N	096:04:45.00 W
Summer	C-GLYF	1127	SCHED	08/29/2021 23:03:01	9	3	156	334	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	1127	ARRIVAL	08/29/2021 23:04:31	1	0	134	79	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1127	XML_FLIGHT_SUMMARY	08/29/2021 23:04:32	0	0	0	0		
Summer	C-GLYF	1127	SCHED	08/29/2021 23:06:38	10	0	133	79	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1128	DEPARTURE	08/29/2021 23:08:07	2	71	181	11	065:01:35.40 N	096:03:47.39 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:10:14	11	134	406	305	065:04:10.20 N	096:11:57.60 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:12:33	12	7	115	270	065:06:21.59 N	096:15:17.99 W
Summer	C-GLYF	1128	ARRIVAL	08/29/2021 23:13:17	2	0	112	235	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1128	XML_FLIGHT_SUMMARY	08/29/2021 23:13:18	0	0	0	0		
Summer	C-GLYF	1128	SCHED	08/29/2021 23:15:27	13	0	116	235	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:17:33	14	0	115	235	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:19:40	15	0	115	235	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:21:47	16	0	114	235	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:24:46	17	0	114	235	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:26:55	18	0	113	235	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:29:02	19	0	112	235	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1128	SCHED	08/29/2021 23:31:11	20	70	195	226	065:06:09.59 N	096:15:53.99 W
Summer	C-GLYF	1129	DEPARTURE	08/29/2021 23:32:09	3	70	195	226	065:06:09.59 N	096:15:53.99 W
Summer	C-GLYF	1129	SCHED	08/29/2021 23:34:18	21	91	459	126	065:03:28.80 N	096:08:50.99 W
Summer	C-GLYF	1129	SCHED	08/29/2021 23:36:29	22	32	177	133	065:01:31.79 N	096:04:26.39 W
Summer	C-GLYF	1129	ARRIVAL	08/29/2021 23:37:38	3	0	138	119	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1129	XML_FLIGHT_SUMMARY	08/29/2021 23:37:39	0	0	0	0		
Summer	C-GLYF	1130	POWER_ON	08/30/2021 11:10:02	NA	NA	NA	NA		
Summer	C-GLYF	1130	SCHED	08/30/2021 11:12:14	1	36	0	81	065:01:26.40 N	096:04:08.99 W
Summer	C-GLYF	1130	DEPARTURE	08/30/2021 11:12:34	1	68	192	351	065:01:38.39 N	096:03:56.99 W
Summer	C-GLYF	1130	SCHED	08/30/2021 11:14:44	2	128	477	312	065:04:12.60 N	096:11:35.40 W
Summer	C-GLYF	1130	SCHED	08/30/2021 11:16:53	3	7	127	220	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1130	ARRIVAL	08/30/2021 11:17:53	1	0	122	204	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1130	XML_FLIGHT_SUMMARY	08/30/2021 11:17:54	0	0	0	0		
Summer	C-GLYF	1130	SCHED	08/30/2021 11:20:02	4	0	118	351	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1130	SCHED	08/30/2021 11:22:09	5	32	134	220	065:06:20.39 N	096:15:24.59 W
Summer	C-GLYF	1131	DEPARTURE	08/30/2021 11:22:28	2	66	184	221	065:06:08.39 N	096:15:48.59 W
Summer	C-GLYF	1131	SCHED	08/30/2021 11:24:40	6	99	365	122	065:04:12.60 N	096:11:32.99 W
Summer	C-GLYF	1131	SCHED	08/30/2021 11:26:52	7	81	251	152	065:01:54.60 N	096:05:18.59 W
Summer	C-GLYF	1131	ARRIVAL	08/30/2021 11:28:50	2	0	150	259	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1131	XML_FLIGHT_SUMMARY	08/30/2021 11:28:51	0	0	0	0		
Summer	C-GLYF	1132	POWER_ON	08/30/2021 11:36:31	NA	NA	NA	NA		
Summer	C-GLYF	1132	SCHED	08/30/2021 11:37:26	1	0	147	173	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:39:34	2	1	178	152	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:41:48	3	33	212	215	065:01:16.79 N	096:04:30.00 W
Summer	C-GLYF	1132	DEPARTURE	08/30/2021 11:42:05	1	89	258	299	065:01:13.20 N	096:05:07.80 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:44:14	4	110	422	305	065:03:58.80 N	096:11:52.19 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:46:24	5	30	210	115	065:06:23.39 N	096:15:28.20 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:48:34	6	0	162	196	065:06:20.39 N	096:15:20.40 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:50:52	7	66	294	126	065:05:12.60 N	096:15:10.80 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:53:12	8	68	323	127	065:03:44.39 N	096:10:16.80 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:55:19	9	63	301	149	065:02:04.19 N	096:05:34.19 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:57:28	10	1	185	166	065:01:19.79 N	096:04:26.99 W
Summer	C-GLYF	1132	SCHED	08/30/2021 11:59:37	11	3	175	307	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	1132	ARRIVAL	08/30/2021 12:00:48	1	0	153	104	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1132	XML_FLIGHT_SUMMARY	08/30/2021 12:00:49	0	0	0	0		
Summer	C-GLYF	1132	SCHED	08/30/2021 12:03:07	12	0	152	95	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1132	SCHED	08/30/2021 12:05:15	13	72	225	42	065:01:31.19 N	096:03:44.39 W
Summer	C-GLYF	1133	DEPARTURE	08/30/2021 12:05:23	2	78	231	34	065:01:33.59 N	096:03:40.80 W
Summer	C-GLYF	1133	SCHED	08/30/2021 12:07:32	14	126	350	324	065:05:08.99 N	096:08:47.39 W
Summer	C-GLYF	1133	SCHED	08/30/2021 12:09:39	15	125	531	324	065:08:44.99 N	096:14:46.20 W
Summer	C-GLYF	1133	SCHED	08/30/2021 12:11:53	16	126	628	325	065:12:19.79 N	096:20:52.19 W
Summer	C-GLYF	1133	SCHED	08/30/2021 12:14:01	17	132	587	325	065:16:16.79 N	096:27:23.99 W
Summer	C-GLYF	1133	SCHED	08/30/2021 12:16:09	18	136	465	328	065:20:12.00 N	096:33:45.60 W
Summer	C-GLYF	1133	SCHED	08/30/2021 12:18:20	19	66	274	274	065:23:57.00 N	096:39:42.60 W
Summer	C-GLYF	1133	ARRIVAL	08/30/2021 12:19:49	2	0	168	321	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1133	XML_FLIGHT_SUMMARY	08/30/2021 12:19:50	0	0	0	0		
Summer	C-GLYF	1134	POWER_ON	08/30/2021 13:05:39	NA	NA	NA	NA		
Summer	C-GLYF	1134	SCHED	08/30/2021 13:07:12	1	0	152	305	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1134	DEPARTURE	08/30/2021 13:08:03	1	57	211	203	065:23:39.60 N	096:40:33.60 W
Summer	C-GLYF	1134	SCHED	08/30/2021 13:10:14	2	117	287	290	065:23:50.99 N	096:48:38.99 W
Summer	C-GLYF	1134	SCHED	08/30/2021 13:12:34	3	0	117	122	065:24:34.19 N	096:53:43.79 W
Summer	C-GLYF	1134	ARRIVAL	08/30/2021 13:13:07	1	0	116	122	065:24:34.19 N	096:53:43.79 W
Summer	C-GLYF	1134	XML_FLIGHT_SUMMARY	08/30/2021 13:13:08	0	0	0	0		
Summer	C-GLYF	1134	SCHED	08/30/2021 13:16:10	4	77	172	95	065:24:31.19 N	096:52:56.40 W
Summer	C-GLYF	1135	DEPARTURE	08/30/2021 13:16:23	2	77	172	95	065:24:31.19 N	096:52:56.40 W
Summer	C-GLYF	1135	SCHED	08/30/2021 13:18:35	5	93	325	108	065:24:02.39 N	096:43:04.19 W
Summer	C-GLYF	1135	SCHED	08/30/2021 13:21:27	6	0	153	103	065:23:54.59 N	096:40:28.19 W
Summer	C-GLYF	1135	ARRIVAL	08/30/2021 13:21:34	2	0	152	103	065:23:54.59 N	096:40:28.19 W
Summer	C-GLYF	1135	XML_FLIGHT_SUMMARY	08/30/2021 13:21:35	0	0	0	0		
Summer	C-GLYF	1135	SCHED	08/30/2021 13:23:45	7	4	184	214	065:23:43.20 N	096:40:38.99 W
Summer	C-GLYF	1135	SCHED	08/30/2021 13:25:55	8	24	253	201	065:23:31.19 N	096:40:35.40 W
Summer	C-GLYF	1136	DEPARTURE	08/30/2021 13:27:38	3	37	294	269	065:23:07.19 N	096:41:48.00 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:29:45	9	38	281	286	065:23:21.60 N	096:45:20.99 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:31:57	10	46	290	292	065:23:53.40 N	096:48:53.40 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:34:14	11	38	220	282	065:24:36.60 N	096:53:06.00 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:36:25	12	65	322	131	065:24:09.00 N	096:52:02.39 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:38:35	13	94	380	82	065:23:44.40 N	096:45:39.00 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:40:46	14	2	208	78	065:23:54.59 N	096:40:28.19 W
Summer	C-GLYF	1136	SCHED	08/30/2021 13:42:56	15	0	155	129	065:23:54.59 N	096:40:28.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1136	XML_OVERDUE_REPOR T	08/30/2021 13:50:18	0	0	0	0		
Summer	C-GLYF	1136	XML_FLIGHT_SUMMAR Y	08/30/2021 14:01:18	0	0	0	0		
Summer	C-GLYF	1137	POWER_ON	08/30/2021 14:01:17	NA	NA	NA	NA		
Summer	C-GLYF	1137	SCHED	08/30/2021 14:01:45	1	0	168	98	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1137	DEPARTURE	08/30/2021 14:02:52	1	64	221	145	065:23:38.99 N	096:40:16.80 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:05:04	2	84	299	146	065:21:11.40 N	096:36:11.39 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:07:10	3	88	268	147	065:18:31.19 N	096:31:47.39 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:09:22	4	90	273	145	065:15:57.60 N	096:27:33.60 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:11:33	5	90	234	142	065:13:19.19 N	096:22:49.79 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:13:41	6	88	218	148	065:10:39.59 N	096:18:33.59 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:15:47	7	88	199	162	065:07:55.79 N	096:15:00.00 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:18:00	8	84	203	139	065:05:03.59 N	096:13:31.79 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:20:12	9	95	177	118	065:02:45.00 N	096:07:50.99 W
Summer	C-GLYF	1137	SCHED	08/30/2021 14:22:19	10	0	136	136	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1137	ARRIVAL	08/30/2021 14:22:58	1	0	137	136	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1137	XML_FLIGHT_SUMMAR Y	08/30/2021 14:22:59	0	0	0	0		
Summer	C-GLYF	1137	SCHED	08/30/2021 14:25:05	11	0	138	136	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1138	POWER_ON	08/30/2021 15:21:18	NA	NA	NA	NA		
Summer	C-GLYF	1138	SCHED	08/30/2021 15:21:58	1	0	142	341	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1138	DEPARTURE	08/30/2021 15:22:41	1	85	171	308	065:01:24.59 N	096:05:01.20 W
Summer	C-GLYF	1138	SCHED	08/30/2021 15:24:53	2	114	191	306	065:04:04.79 N	096:11:38.99 W
Summer	C-GLYF	1138	SCHED	08/30/2021 15:27:11	3	0	125	193	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1138	ARRIVAL	08/30/2021 15:27:51	1	0	122	193	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1138	XML_FLIGHT_SUMMAR Y	08/30/2021 15:27:52	0	0	0	0		
Summer	C-GLYF	1139	POWER_ON	08/30/2021 15:45:34	NA	NA	NA	NA		
Summer	C-GLYF	1139	SCHED	08/30/2021 15:46:11	1	0	124	119	065:06:21.59 N	096:15:19.79 W
Summer	C-GLYF	1139	DEPARTURE	08/30/2021 15:46:52	1	63	186	218	065:06:08.39 N	096:15:47.39 W
Summer	C-GLYF	1139	SCHED	08/30/2021 15:49:06	2	81	199	139	065:04:04.79 N	096:11:45.60 W
Summer	C-GLYF	1139	SCHED	08/30/2021 15:51:25	3	77	183	114	065:02:34.80 N	096:06:40.80 W
Summer	C-GLYF	1139	SCHED	08/30/2021 15:53:34	4	0	140	240	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1139	ARRIVAL	08/30/2021 15:54:38	1	0	139	240	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1139	XML_FLIGHT_SUMMAR Y	08/30/2021 15:54:39	0	0	0	0		
Summer	C-GLYF	1140	POWER_ON	08/30/2021 16:24:36	NA	NA	NA	NA		
Summer	C-GLYF	1140	SCHED	08/30/2021 16:25:18	1	0	150	16	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1140	DEPARTURE	08/30/2021 16:26:18	1	92	196	353	065:01:41.39 N	096:03:48.00 W
Summer	C-GLYF	1140	SCHED	08/30/2021 16:28:31	2	126	198	299	065:03:54.60 N	096:12:10.80 W
Summer	C-GLYF	1140	SCHED	08/30/2021 16:30:47	3	17	147	188	065:05:41.39 N	096:19:41.39 W
Summer	C-GLYF	1140	ARRIVAL	08/30/2021 16:31:47	1	0	129	218	065:05:37.80 N	096:19:42.60 W
Summer	C-GLYF	1140	XML_FLIGHT_SUMMAR Y	08/30/2021 16:31:48	0	0	0	0		
Summer	C-GLYF	1140	SCHED	08/30/2021 16:33:57	4	0	128	218	065:05:37.80 N	096:19:42.60 W
Summer	C-GLYF	1140	SCHED	08/30/2021 16:37:42	5	97	204	112	065:02:56.40 N	096:09:04.19 W
Summer	C-GLYF	1141	DEPARTURE	08/30/2021 16:37:52	2	74	182	123	065:05:25.80 N	096:19:11.99 W
Summer	C-GLYF	1141	SCHED	08/30/2021 16:40:09	6	0	139	131	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1141	ARRIVAL	08/30/2021 16:40:43	2	0	138	131	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1141	XML_FLIGHT_SUMMAR Y	08/30/2021 16:40:44	0	0	0	0		
Summer	C-GLYF	1142	POWER_ON	08/30/2021 17:49:54	NA	NA	NA	NA		
Summer	C-GLYF	1142	DEPARTURE	08/30/2021 17:51:44	1	69	220	36	065:01:30.59 N	096:03:40.20 W
Summer	C-GLYF	1142	SCHED	08/30/2021 17:51:59	1	107	255	302	065:02:10.20 N	096:04:40.20 W
Summer	C-GLYF	1142	SCHED	08/30/2021 17:54:22	2	132	242	305	065:04:40.20 N	096:13:34.20 W
Summer	C-GLYF	1142	SCHED	08/30/2021 17:56:37	3	0	112	194	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1142	ARRIVAL	08/30/2021 17:57:21	1	0	112	194	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1142	XML_FLIGHT_SUMMAR Y	08/30/2021 17:57:22	0	0	0	0		
Summer	C-GLYF	1143	POWER_ON	08/30/2021 18:16:21	NA	NA	NA	NA		
Summer	C-GLYF	1143	SCHED	08/30/2021 18:16:56	1	0	118	177	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:19:04	2	1	157	212	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:21:20	3	1	165	189	065:06:09.00 N	096:15:54.60 W
Summer	C-GLYF	1143	DEPARTURE	08/30/2021 18:22:44	1	43	141	53	065:06:21.00 N	096:15:31.20 W
Summer	C-GLYF	1143	ARRIVAL	08/30/2021 18:23:44	1	0	119	167	065:06:21.59 N	096:15:19.20 W
Summer	C-GLYF	1143	DEPARTURE	08/30/2021 18:25:01	2	39	134	237	065:06:13.79 N	096:15:48.59 W
Summer	C-GLYF	1143	ARRIVAL	08/30/2021 18:26:18	2	0	114	170	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1143	DEPARTURE	08/30/2021 18:28:25	3	38	172	43	065:06:21.00 N	096:15:29.39 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:30:46	4	73	168	25	065:06:15.59 N	096:15:38.40 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:32:58	5	51	195	37	065:06:20.39 N	096:15:34.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:36:04	6	1	153	208	065:06:08.39 N	096:15:55.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:38:11	7	8	164	227	065:06:09.00 N	096:15:55.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:40:25	8	7	156	141	065:06:21.00 N	096:15:20.40 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:42:40	9	43	180	59	065:06:21.00 N	096:15:30.60 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:44:47	10	0	149	190	065:06:08.39 N	096:15:55.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:46:54	11	70	180	20	065:06:16.19 N	096:15:40.80 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:49:04	12	16	150	100	065:06:08.39 N	096:15:53.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:51:12	13	4	152	87	065:06:09.00 N	096:15:55.80 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:53:23	14	15	174	226	065:06:09.59 N	096:15:53.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:55:36	15	45	175	236	065:06:13.79 N	096:15:43.80 W
Summer	C-GLYF	1143	SCHED	08/30/2021 18:57:52	16	15	159	233	065:06:19.80 N	096:15:21.59 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:00:49	17	5	155	160	065:06:21.00 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:02:58	18	1	152	164	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:05:08	19	0	153	243	065:06:08.39 N	096:15:55.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:07:30	20	24	178	238	065:06:18.00 N	096:15:26.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:09:43	21	1	146	163	065:06:20.39 N	096:15:19.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:11:58	22	5	151	101	065:06:08.39 N	096:15:54.60 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:14:05	23	22	169	228	065:06:12.60 N	096:15:46.80 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:16:15	24	0	150	128	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:18:34	25	3	153	166	065:06:24.00 N	096:15:15.60 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:20:42	26	0	153	170	065:06:24.00 N	096:15:15.60 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:22:50	27	3	146	316	065:06:08.39 N	096:15:53.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:24:56	28	14	162	221	065:06:09.00 N	096:15:52.19 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:27:03	29	0	152	220	065:06:08.39 N	096:15:53.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:29:11	30	52	179	229	065:06:19.20 N	096:15:27.60 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:31:19	31	0	159	172	065:06:21.00 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:33:40	32	3	164	148	065:06:21.00 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:35:59	33	7	159	217	065:06:20.39 N	096:15:20.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:38:16	34	1	154	189	065:06:09.00 N	096:15:55.80 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:40:32	35	9	166	199	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:42:42	36	31	179	230	065:06:12.00 N	096:15:50.40 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:45:04	37	17	172	211	065:06:10.20 N	096:15:55.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:47:13	38	32	233	231	065:06:14.39 N	096:15:43.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1143	SCHED	08/30/2021 19:49:31	39	1	154	148	065:06:20.39 N	096:15:19.79 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:51:42	40	8	161	60	065:06:09.00 N	096:15:54.60 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:53:48	41	25	180	230	065:06:10.79 N	096:15:52.19 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:56:00	42	1	154	151	065:06:20.39 N	096:15:20.40 W
Summer	C-GLYF	1143	SCHED	08/30/2021 19:58:09	43	8	162	151	065:06:21.00 N	096:15:20.40 W
Summer	C-GLYF	1143	SCHED	08/30/2021 20:00:20	44	21	165	53	065:06:09.00 N	096:15:53.99 W
Summer	C-GLYF	1143	SCHED	08/30/2021 20:02:26	45	1	157	206	065:06:09.00 N	096:15:55.20 W
Summer	C-GLYF	1143	SCHED	08/30/2021 20:04:34	46	4	124	172	065:06:21.59 N	096:15:20.99 W
Summer	C-GLYF	1143	ARRIVAL	08/30/2021 20:05:32	3	0	118	187	065:06:21.00 N	096:15:20.99 W
Summer	C-GLYF	1143	XML_FLIGHT_SUMMARY	08/30/2021 20:05:33	0	0	0	0		
Summer	C-GLYF	1144	DEPARTURE	08/30/2021 20:06:37	4	28	136	222	065:06:12.60 N	096:15:52.80 W
Summer	C-GLYF	1144	ARRIVAL	08/30/2021 20:07:28	4	0	119	189	065:06:09.59 N	096:15:55.20 W
Summer	C-GLYF	1144	SCHED	08/30/2021 20:09:39	47	2	161	222	065:06:09.00 N	096:15:54.60 W
Summer	C-GLYF	1144	DEPARTURE	08/30/2021 20:11:45	5	44	208	64	065:06:13.79 N	096:16:09.59 W
Summer	C-GLYF	1144	SCHED	08/30/2021 20:14:01	48	0	133	164	065:05:36.60 N	096:19:25.80 W
Summer	C-GLYF	1144	ARRIVAL	08/30/2021 20:15:27	5	0	132	164	065:05:36.60 N	096:19:25.20 W
Summer	C-GLYF	1144	DEPARTURE	08/30/2021 20:16:25	6	76	184	118	065:05:27.59 N	096:18:42.60 W
Summer	C-GLYF	1144	SCHED	08/30/2021 20:18:40	49	93	270	117	065:03:49.79 N	096:11:35.40 W
Summer	C-GLYF	1144	SCHED	08/30/2021 20:20:56	50	82	259	150	065:01:46.19 N	096:05:01.79 W
Summer	C-GLYF	1144	ARRIVAL	08/30/2021 20:22:32	6	0	144	256	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1144	XML_FLIGHT_SUMMARY	08/30/2021 20:22:33	0	0	0	0		
Summer	C-GLYF	1145	POWER_ON	08/30/2021 20:33:34	NA	NA	NA	NA		
Summer	C-GLYF	1145	SCHED	08/30/2021 20:34:21	1	0	148	204	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1145	DEPARTURE	08/30/2021 20:35:47	1	86	219	5	065:01:35.40 N	096:03:42.60 W
Summer	C-GLYF	1145	SCHED	08/30/2021 20:37:55	2	142	307	304	065:04:58.80 N	096:16:17.99 W
Summer	C-GLYF	1145	SCHED	08/30/2021 20:41:38	3	0	139	261	065:06:12.60 N	096:20:41.39 W
Summer	C-GLYF	1145	ARRIVAL	08/30/2021 20:41:57	1	0	140	261	065:06:12.60 N	096:20:41.39 W
Summer	C-GLYF	1145	XML_FLIGHT_SUMMARY	08/30/2021 20:41:58	0	0	0	0		
Summer	C-GLYF	1146	DEPARTURE	08/30/2021 20:42:06	2	91	173	90	065:06:07.20 N	096:19:57.60 W
Summer	C-GLYF	1146	SCHED	08/30/2021 20:44:16	4	0	115	320	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	ARRIVAL	08/30/2021 20:44:58	2	0	114	320	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	POWER_ON	08/30/2021 21:31:05	NA	NA	NA	NA		
Summer	C-GLYF	1146	SCHED	08/30/2021 21:31:46	1	0	112	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:33:55	2	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:36:57	3	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:39:04	4	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:41:14	5	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:43:24	6	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:46:10	7	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/30/2021 21:49:43	8	0	113	150	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	POWER_ON	08/31/2021 13:02:57	NA	NA	NA	NA		
Summer	C-GLYF	1146	SCHED	08/31/2021 13:03:37	1	0	0	0	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:05:52	2	0	95	0	065:06:09.59 N	096:15:56.39 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:09:56	3	0	107	0	065:06:09.59 N	096:15:56.39 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:12:06	4	0	107	0	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:15:20	5	0	108	0	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:17:35	6	0	108	0	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:19:45	7	0	108	0	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:22:00	8	0	112	236	065:06:09.59 N	096:15:55.80 W
Summer	C-GLYF	1146	POWER_ON	08/31/2021 13:35:43	NA	NA	NA	NA		
Summer	C-GLYF	1146	SCHED	08/31/2021 13:37:36	1	0	120	13	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:39:52	2	0	120	13	065:06:10.20 N	096:15:55.80 W
Summer	C-GLYF	1146	POWER_ON	08/31/2021 13:43:34	NA	NA	NA	NA		
Summer	C-GLYF	1146	SCHED	08/31/2021 13:45:05	1	80	153	165	065:05:22.80 N	096:16:24.59 W
Summer	C-GLYF	1146	DEPARTURE	08/31/2021 13:45:12	1	60	147	203	065:05:55.20 N	096:16:15.00 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:47:31	2	78	170	154	065:03:30.59 N	096:11:22.19 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:49:41	3	69	169	151	065:02:19.79 N	096:05:38.99 W
Summer	C-GLYF	1146	SCHED	08/31/2021 13:51:50	4	0	138	126	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1146	ARRIVAL	08/31/2021 13:51:57	1	0	138	126	065:01:27.00 N	096:04:18.00 W
Summer	C-GLYF	1146	XML_FLIGHT_SUMMARY	08/31/2021 13:51:58	0	0	0	0		
Summer	C-GLYF	1147	POWER_ON	09/16/2021 21:11:01	NA	NA	NA	NA		
Summer	C-GLYF	1147	SCHED	09/16/2021 21:12:35	1	0	0	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1147	SCHED	09/16/2021 21:14:41	2	0	134	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1147	POWER_ON	09/16/2021 21:31:22	NA	NA	NA	NA		
Summer	C-GLYF	1147	SCHED	09/16/2021 21:32:04	1	0	128	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1147	POWER_ON	09/16/2021 21:57:25	NA	NA	NA	NA		
Summer	C-GLYF	1147	SCHED	09/16/2021 21:58:33	1	0	129	281	065:01:27.00 N	096:04:19.19 W
Summer	C-GLYF	1147	DEPARTURE	09/16/2021 22:00:03	1	62	174	330	065:01:43.19 N	096:04:28.80 W
Summer	C-GLYF	1147	SCHED	09/16/2021 22:02:11	2	75	344	67	065:03:21.59 N	096:01:34.19 W
Summer	C-GLYF	1147	XML_OVERDUE_REPORT	09/16/2021 22:09:29	0	0	0	0		
Summer	C-GLYF	1147	POWER_ON	09/17/2021 12:02:10	NA	NA	NA	NA		
Summer	C-GLYF	1147	SCHED	09/17/2021 12:03:52	1	0	0	39	065:01:27.60 N	096:04:15.00 W
Summer	C-GLYF	1147	SCHED	09/17/2021 12:06:00	2	55	174	15	065:01:35.40 N	096:04:10.79 W
Summer	C-GLYF	1147	DEPARTURE	09/17/2021 12:06:07	1	57	190	5	065:01:42.59 N	096:04:07.20 W
Summer	C-GLYF	1147	SCHED	09/17/2021 12:08:14	3	107	336	311	065:03:48.00 N	096:09:55.79 W
Summer	C-GLYF	1147	SCHED	09/17/2021 12:10:20	4	86	233	301	065:06:06.59 N	096:16:43.80 W
Summer	C-GLYF	1147	ARRIVAL	09/17/2021 12:12:02	1	0	134	78	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1147	XML_FLIGHT_SUMMARY	09/17/2021 12:12:03	0	0	0	0		
Summer	C-GLYF	1147	SCHED	09/17/2021 12:14:13	5	0	136	78	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1147	SCHED	09/17/2021 12:16:20	6	0	132	78	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1147	SCHED	09/17/2021 12:18:30	7	60	160	106	065:06:28.80 N	096:16:22.19 W
Summer	C-GLYF	1148	DEPARTURE	09/17/2021 12:18:38	2	80	187	158	065:06:21.59 N	096:16:04.79 W
Summer	C-GLYF	1148	SCHED	09/17/2021 12:20:46	8	103	350	127	065:03:58.19 N	096:11:01.20 W
Summer	C-GLYF	1148	SCHED	09/17/2021 12:22:53	9	67	188	121	065:01:39.59 N	096:04:56.99 W
Summer	C-GLYF	1148	ARRIVAL	09/17/2021 12:24:51	2	0	129	290	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1148	XML_FLIGHT_SUMMARY	09/17/2021 12:24:52	0	0	0	0		
Summer	C-GLYF	1149	POWER_ON	09/17/2021 12:49:05	NA	NA	NA	NA		
Summer	C-GLYF	1149	SCHED	09/17/2021 12:49:42	1	0	136	318	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1149	SCHED	09/17/2021 12:51:51	2	2	143	51	065:01:27.00 N	096:04:18.59 W
Summer	C-GLYF	1149	DEPARTURE	09/17/2021 12:53:57	1	71	254	322	065:01:43.19 N	096:04:38.39 W
Summer	C-GLYF	1149	SCHED	09/17/2021 12:56:05	3	51	248	89	065:01:43.80 N	096:09:52.80 W
Summer	C-GLYF	1149	SCHED	09/17/2021 12:58:14	4	64	255	325	065:02:08.99 N	096:09:46.79 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:01:05	5	85	312	321	065:04:54.60 N	096:15:10.80 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:03:18	6	0	162	63	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:05:26	7	96	302	148	065:05:04.20 N	096:14:38.40 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:07:33	8	94	306	149	065:02:08.40 N	096:10:24.59 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:09:46	9	92	319	320	065:02:50.39 N	096:11:07.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1149	SCHED	09/17/2021 13:11:57	10	86	302	320	065:05:30.59 N	096:16:11.99 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:14:07	11	81	234	152	065:06:15.59 N	096:15:52.80 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:17:09	12	87	372	150	065:02:50.99 N	096:11:34.20 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:19:20	13	5	193	347	065:01:50.99 N	096:09:31.79 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:21:29	14	95	361	321	065:04:22.19 N	096:13:45.60 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:23:36	15	10	171	51	065:06:21.59 N	096:16:39.00 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:26:36	16	94	317	151	065:04:18.59 N	096:13:15.60 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:28:44	17	2	186	49	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:30:55	18	83	310	322	065:03:06.60 N	096:11:31.19 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:33:06	19	84	295	322	065:05:28.19 N	096:16:05.99 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:36:16	20	0	174	152	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:38:26	21	90	371	130	065:04:02.40 N	096:11:17.39 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:40:35	22	84	318	163	065:01:56.99 N	096:05:36.00 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:42:46	23	28	200	47	065:01:25.20 N	096:04:23.40 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:44:54	24	112	341	309	065:02:42.59 N	096:07:15.59 W
Summer	C-GLYF	1149	SCHED	09/17/2021 13:47:05	25	116	353	311	065:05:12.60 N	096:14:42.00 W
Summer	C-GLYF	1149	ARRIVAL	09/17/2021 13:49:14	1	0	142	60	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1149	XML_FLIGHT_SUMMARY	09/17/2021 13:49:15	0	0	0	0		
Summer	C-GLYF	1149	SCHED	09/17/2021 13:49:21	26	0	142	60	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1150	DEPARTURE	09/17/2021 13:51:07	2	91	204	167	065:06:18.00 N	096:16:04.79 W
Summer	C-GLYF	1150	SCHED	09/17/2021 13:53:15	27	100	349	123	065:03:31.80 N	096:10:43.20 W
Summer	C-GLYF	1150	SCHED	09/17/2021 13:55:26	28	56	176	120	065:01:36.59 N	096:04:43.19 W
Summer	C-GLYF	1150	ARRIVAL	09/17/2021 13:57:02	2	0	141	302	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1150	XML_FLIGHT_SUMMARY	09/17/2021 13:57:03	0	0	0	0		
Summer	C-GLYF	1151	POWER_ON	09/17/2021 14:12:22	NA	NA	NA	NA		
Summer	C-GLYF	1151	SCHED	09/17/2021 14:13:16	1	0	141	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1151	POWER_ON	09/17/2021 20:14:55	NA	NA	NA	NA		
Summer	C-GLYF	1151	SCHED	09/17/2021 20:15:34	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:17:45	2	0	133	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1151	DEPARTURE	09/17/2021 20:19:31	1	69	192	328	065:01:44.39 N	096:04:30.00 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:21:55	3	104	467	322	065:04:28.20 N	096:09:41.40 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:24:06	4	108	416	327	065:08:04.79 N	096:15:13.79 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:26:14	5	107	465	326	065:11:16.80 N	096:20:17.39 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:28:22	6	107	547	325	065:14:22.80 N	096:25:07.80 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:30:32	7	110	552	324	065:17:34.80 N	096:30:15.00 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:32:40	8	111	421	326	065:20:42.60 N	096:36:24.00 W
Summer	C-GLYF	1151	SCHED	09/17/2021 20:34:46	9	66	206	7	065:23:36.60 N	096:40:31.79 W
Summer	C-GLYF	1151	ARRIVAL	09/17/2021 20:36:02	1	0	160	2	065:23:55.20 N	096:40:28.79 W
Summer	C-GLYF	1151	XML_FLIGHT_SUMMARY	09/17/2021 20:36:03	0	0	0	0		
Summer	C-GLYF	1152	POWER_ON	09/17/2021 20:49:59	NA	NA	NA	NA		
Summer	C-GLYF	1152	SCHED	09/17/2021 20:50:37	1	0	154	15	065:23:54.59 N	096:40:28.79 W
Summer	C-GLYF	1152	SCHED	09/17/2021 20:52:45	2	31	208	99	065:23:53.99 N	096:40:21.00 W
Summer	C-GLYF	1152	DEPARTURE	09/17/2021 20:53:02	1	64	255	139	065:23:47.99 N	096:39:50.40 W
Summer	C-GLYF	1152	SCHED	09/17/2021 20:55:10	3	102	395	147	065:20:56.40 N	096:35:33.00 W
Summer	C-GLYF	1152	SCHED	09/17/2021 20:57:21	4	99	458	147	065:18:07.80 N	096:30:57.60 W
Summer	C-GLYF	1152	SCHED	09/17/2021 20:59:38	5	100	427	148	065:15:04.19 N	096:26:01.80 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:01:48	6	102	408	147	065:12:07.80 N	096:20:26.99 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:03:59	7	101	396	174	065:08:34.79 N	096:18:37.80 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:06:11	8	3	169	41	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:08:19	9	0	164	82	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:10:29	10	106	398	132	065:04:59.99 N	096:13:43.20 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:12:46	11	98	425	130	065:02:33.59 N	096:06:46.19 W
Summer	C-GLYF	1152	SCHED	09/17/2021 21:15:06	12	4	138	157	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1152	XML_OVERDUE_REPORT	09/17/2021 21:22:21	0	0	0	0		
Summer	C-GLYF	1152	XML_FLIGHT_SUMMARY	09/17/2021 23:29:31	0	0	0	0		
Summer	C-GLYF	1153	POWER_ON	09/17/2021 23:29:30	NA	NA	NA	NA		
Summer	C-GLYF	1153	SCHED	09/17/2021 23:30:26	1	0	138	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:32:35	2	0	119	23	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1153	DEPARTURE	09/17/2021 23:33:36	1	77	217	334	065:01:45.00 N	096:04:32.39 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:35:45	3	89	480	305	065:03:53.99 N	096:10:36.59 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:37:53	4	76	310	320	065:05:41.99 N	096:16:25.79 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:40:05	5	60	261	326	065:06:45.00 N	096:16:51.00 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:42:14	6	82	460	324	065:09:00.59 N	096:20:37.80 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:44:22	7	84	523	327	065:11:24.60 N	096:24:34.19 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:46:30	8	87	498	331	065:13:56.39 N	096:28:30.60 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:48:38	9	81	454	330	065:16:23.99 N	096:32:22.19 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:50:54	10	84	488	331	065:18:51.60 N	096:35:32.39 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:53:02	11	83	412	333	065:21:34.79 N	096:39:19.79 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:55:09	12	33	229	7	065:23:46.20 N	096:40:32.39 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:57:16	13	73	287	158	065:23:39.60 N	096:39:51.59 W
Summer	C-GLYF	1153	SCHED	09/17/2021 23:59:22	14	93	509	146	065:21:02.39 N	096:35:43.19 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:01:33	15	93	619	149	065:18:20.40 N	096:31:31.20 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:03:42	16	100	614	145	065:15:33.59 N	096:26:35.99 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:05:48	17	100	613	165	065:12:28.20 N	096:22:47.39 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:07:58	18	103	558	154	065:09:10.80 N	096:19:42.60 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:10:07	19	37	199	55	065:06:19.80 N	096:16:51.60 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:12:21	20	96	307	140	065:05:50.99 N	096:15:22.20 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:14:27	21	97	520	127	065:03:18.00 N	096:08:49.20 W
Summer	C-GLYF	1153	SCHED	09/18/2021 00:16:40	22	30	208	87	065:01:25.79 N	096:04:24.00 W
Summer	C-GLYF	1153	ARRIVAL	09/18/2021 00:18:58	1	0	137	270	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1153	XML_FLIGHT_SUMMARY	09/18/2021 00:18:59	0	0	0	0		
Summer	C-GLYF	1153	SCHED	09/18/2021 00:19:07	23	0	137	270	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1154	DEPARTURE	09/18/2021 00:20:32	2	72	223	327	065:01:42.59 N	096:01:42.79 W
Summer	C-GLYF	1154	SCHED	09/18/2021 00:22:39	24	110	461	300	065:03:48.00 N	096:11:03.00 W
Summer	C-GLYF	1154	SCHED	09/18/2021 00:24:51	25	64	243	347	065:06:09.59 N	096:17:13.20 W
Summer	C-GLYF	1154	ARRIVAL	09/18/2021 00:26:10	2	0	133	62	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1154	XML_FLIGHT_SUMMARY	09/18/2021 00:26:11	0	0	0	0		
Summer	C-GLYF	1154	SCHED	09/18/2021 00:28:25	26	0	137	62	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1155	DEPARTURE	09/18/2021 00:29:42	3	88	192	151	065:06:16.79 N	096:16:05.40 W
Summer	C-GLYF	1155	SCHED	09/18/2021 00:31:52	27	119	488	125	065:03:22.79 N	096:09:32.39 W
Summer	C-GLYF	1155	SCHED	09/18/2021 00:34:04	28	0	144	38	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1155	ARRIVAL	09/18/2021 00:34:37	3	0	145	38	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1155	XML_FLIGHT_SUMMARY	09/18/2021 00:34:38	0	0	0	0		
Summer	C-GLYF	1156	POWER_ON	09/18/2021 12:03:03	NA	NA	NA	NA		
Summer	C-GLYF	1156	SCHED	09/18/2021 12:03:44	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1156	SCHED	09/18/2021 12:05:53	2	0	0	0	065:01:27.00 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1156	DEPARTURE	09/18/2021 12:07:31	1	74	225	325	065:01:46.19 N	096:04:28.20 W
Summer	C-GLYF	1156	SCHED	09/18/2021 12:09:48	3	101	300	312	065:04:11.99 N	096:10:54.59 W
Summer	C-GLYF	1156	SCHED	09/18/2021 12:12:02	4	20	137	20	065:06:25.20 N	096:16:41.99 W
Summer	C-GLYF	1156	ARRIVAL	09/18/2021 12:12:51	1	0	121	59	065:06:26.39 N	096:16:40.20 W
Summer	C-GLYF	1156	XML_FLIGHT_SUMMARY	09/18/2021 12:12:52	0	0	0	0		
Summer	C-GLYF	1156	SCHED	09/18/2021 12:14:58	5	0	123	59	065:06:26.39 N	096:16:40.20 W
Summer	C-GLYF	1156	SCHED	09/18/2021 12:17:05	6	0	126	59	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1156	SCHED	09/18/2021 12:19:13	7	0	127	59	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1157	DEPARTURE	09/18/2021 12:20:15	2	94	160	158	065:06:13.79 N	096:16:04.19 W
Summer	C-GLYF	1157	SCHED	09/18/2021 12:22:23	8	113	353	122	065:03:20.40 N	096:09:35.40 W
Summer	C-GLYF	1157	SCHED	09/18/2021 12:24:35	9	2	134	46	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	1157	ARRIVAL	09/18/2021 12:26:19	2	0	130	46	065:01:26.40 N	096:04:17.39 W
Summer	C-GLYF	1157	XML_FLIGHT_SUMMARY	09/18/2021 12:26:20	0	0	0	0		
Summer	C-GLYF	1158	DEPARTURE	09/18/2021 12:27:52	3	73	231	317	065:01:41.39 N	096:04:42.60 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:30:00	10	63	254	124	065:01:44.39 N	096:09:52.80 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:32:10	11	79	274	332	065:02:33.00 N	096:09:59.39 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:34:30	12	87	294	330	065:05:08.40 N	096:13:39.59 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:36:38	13	2	165	98	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:38:57	14	89	321	144	065:04:57.60 N	096:13:28.20 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:41:05	15	66	273	165	065:01:55.80 N	096:09:54.00 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:43:14	16	49	215	336	065:01:59.40 N	096:09:34.19 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:45:27	17	83	299	327	065:04:16.79 N	096:13:13.80 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:47:36	18	7	168	4	065:06:25.80 N	096:16:38.39 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:49:44	19	85	326	147	065:05:14.39 N	096:14:34.20 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:52:14	20	83	348	155	065:02:42.59 N	096:10:49.20 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:56:06	21	89	311	322	065:04:37.19 N	096:14:07.80 W
Summer	C-GLYF	1158	SCHED	09/18/2021 12:58:15	22	0	163	3	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1158	SCHED	09/18/2021 13:00:24	23	92	329	131	065:04:46.19 N	096:12:55.20 W
Summer	C-GLYF	1158	SCHED	09/18/2021 13:02:32	24	86	303	127	065:02:46.19 N	096:07:01.20 W
Summer	C-GLYF	1158	SCHED	09/18/2021 13:04:40	25	1	174	71	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	1158	SCHED	09/18/2021 13:06:47	26	5	136	286	065:01:24.59 N	096:04:13.79 W
Summer	C-GLYF	1158	ARRIVAL	09/18/2021 13:07:44	3	0	136	307	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1158	XML_FLIGHT_SUMMARY	09/18/2021 13:07:45	0	0	0	0		
Summer	C-GLYF	1159	POWER_ON	09/18/2021 13:18:57	NA	NA	NA	NA		
Summer	C-GLYF	1159	SCHED	09/18/2021 13:19:36	1	0	137	311	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1159	SCHED	09/18/2021 13:21:45	2	0	135	27	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1159	POWER_ON	09/19/2021 00:09:52	NA	NA	NA	NA		
Summer	C-GLYF	1159	SCHED	09/19/2021 00:10:43	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1159	DEPARTURE	09/19/2021 00:12:39	1	78	155	324	065:01:43.80 N	096:04:34.19 W
Summer	C-GLYF	1159	SCHED	09/19/2021 00:14:46	2	124	459	306	065:04:10.20 N	096:10:55.79 W
Summer	C-GLYF	1159	SCHED	09/19/2021 00:16:54	3	36	144	16	065:06:22.80 N	096:16:43.80 W
Summer	C-GLYF	1159	ARRIVAL	09/19/2021 00:18:31	1	0	127	59	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1159	XML_FLIGHT_SUMMARY	09/19/2021 00:18:32	0	0	0	0		
Summer	C-GLYF	1159	SCHED	09/19/2021 00:20:39	4	0	136	59	065:06:26.39 N	096:16:40.20 W
Summer	C-GLYF	1160	DEPARTURE	09/19/2021 00:21:31	2	82	202	140	065:06:19.80 N	096:16:00.00 W
Summer	C-GLYF	1160	SCHED	09/19/2021 00:25:23	5	101	262	166	065:01:40.80 N	096:05:17.39 W
Summer	C-GLYF	1160	ARRIVAL	09/19/2021 00:26:44	2	0	145	28	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1160	XML_FLIGHT_SUMMARY	09/19/2021 00:26:45	0	0	0	0		
Summer	C-GLYF	1161	POWER_ON	09/19/2021 11:59:35	NA	NA	NA	NA		
Summer	C-GLYF	1161	SCHED	09/19/2021 12:00:12	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1161	SCHED	09/19/2021 12:02:22	2	1	0	83	065:01:26.40 N	096:04:15.00 W
Summer	C-GLYF	1161	DEPARTURE	09/19/2021 12:04:26	1	79	235	355	065:01:39.59 N	096:03:49.79 W
Summer	C-GLYF	1161	SCHED	09/19/2021 12:06:33	3	122	430	306	065:04:17.39 N	096:11:04.19 W
Summer	C-GLYF	1161	SCHED	09/19/2021 12:08:40	4	41	185	92	065:06:23.39 N	096:17:01.79 W
Summer	C-GLYF	1161	ARRIVAL	09/19/2021 12:09:50	1	0	143	33	065:06:26.39 N	096:16:39.00 W
Summer	C-GLYF	1161	XML_FLIGHT_SUMMARY	09/19/2021 12:09:51	0	0	0	0		
Summer	C-GLYF	1161	SCHED	09/19/2021 12:11:58	5	0	143	33	065:06:26.39 N	096:16:39.00 W
Summer	C-GLYF	1161	SCHED	09/19/2021 12:14:05	6	0	143	33	065:06:26.39 N	096:16:39.00 W
Summer	C-GLYF	1161	SCHED	09/19/2021 12:16:15	7	0	144	33	065:06:26.39 N	096:16:39.00 W
Summer	C-GLYF	1162	DEPARTURE	09/19/2021 12:17:43	2	76	198	158	065:06:16.19 N	096:16:05.40 W
Summer	C-GLYF	1162	SCHED	09/19/2021 12:19:50	8	102	416	126	065:03:55.79 N	096:10:38.40 W
Summer	C-GLYF	1162	SCHED	09/19/2021 12:21:57	9	63	196	115	065:01:31.79 N	096:04:56.40 W
Summer	C-GLYF	1162	ARRIVAL	09/19/2021 12:23:13	2	0	139	45	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1162	XML_FLIGHT_SUMMARY	09/19/2021 12:23:14	0	0	0	0		
Summer	C-GLYF	1162	SCHED	09/19/2021 12:25:19	10	68	225	25	065:01:36.00 N	096:04:01.19 W
Summer	C-GLYF	1163	DEPARTURE	09/19/2021 12:25:26	3	83	252	345	065:01:44.39 N	096:04:00.60 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:27:35	11	112	455	309	065:04:08.99 N	096:10:41.40 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:29:42	12	65	313	333	065:06:27.00 N	096:17:17.39 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:31:49	13	0	163	108	065:06:26.39 N	096:16:39.00 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:33:58	14	73	255	142	065:05:59.40 N	096:15:52.19 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:36:06	15	77	381	128	065:04:06.60 N	096:11:13.80 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:38:13	16	79	351	139	065:02:27.00 N	096:06:02.39 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:40:22	17	6	175	313	065:01:20.40 N	096:04:28.80 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:42:30	18	88	373	217	065:02:22.79 N	096:10:16.80 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:44:39	19	72	252	2	065:01:56.39 N	096:08:59.39 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:46:52	20	95	408	317	065:04:31.19 N	096:13:39.00 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:49:03	21	2	179	118	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:51:11	22	77	331	150	065:05:15.00 N	096:14:41.39 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:53:20	23	81	360	147	065:02:52.19 N	096:11:32.39 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:55:29	24	25	202	326	065:01:52.19 N	096:09:31.79 W
Summer	C-GLYF	1163	SCHED	09/19/2021 12:59:24	25	58	216	19	065:06:25.20 N	096:17:02.39 W
Summer	C-GLYF	1163	SCHED	09/19/2021 13:01:32	26	80	331	145	065:05:03.59 N	096:14:14.40 W
Summer	C-GLYF	1163	SCHED	09/19/2021 13:03:46	27	85	309	153	065:02:37.19 N	096:10:28.79 W
Summer	C-GLYF	1163	SCHED	09/19/2021 13:06:01	28	49	218	75	065:01:50.39 N	096:09:11.99 W
Summer	C-GLYF	1163	SCHED	09/19/2021 13:08:12	29	94	346	321	065:04:27.59 N	096:13:16.19 W
Summer	C-GLYF	1163	SCHED	09/19/2021 13:10:20	30	21	207	127	065:06:28.19 N	096:16:40.80 W
Summer	C-GLYF	1163	ARRIVAL	09/19/2021 13:12:21	3	0	139	210	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1163	XML_FLIGHT_SUMMARY	09/19/2021 13:12:22	0	0	0	0		
Summer	C-GLYF	1163	SCHED	09/19/2021 13:12:28	31	0	140	210	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1164	DEPARTURE	09/19/2021 13:15:07	4	75	218	151	065:06:10.20 N	096:16:11.40 W
Summer	C-GLYF	1164	SCHED	09/19/2021 13:17:15	32	81	226	125	065:02:45.00 N	096:07:46.19 W
Summer	C-GLYF	1164	SCHED	09/19/2021 13:19:21	33	3	171	330	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1164	ARRIVAL	09/19/2021 13:21:28	4	0	142	300	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1164	XML_FLIGHT_SUMMARY	09/19/2021 13:21:29	0	0	0	0		
Summer	C-GLYF	1164	SCHED	09/19/2021 13:21:35	34	0	142	300	065:01:25.20 N	096:04:15.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1165	POWER_ON	09/19/2021 18:41:58	NA	NA	NA	NA		
Summer	C-GLYF	1165	SCHED	09/19/2021 18:42:48	1	0	0	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1165	SCHED	09/19/2021 18:45:01	2	23	0	347	065:16:55.80 N	095:04:30.59 W
Summer	C-GLYF	1165	SCHED	09/19/2021 18:47:11	3	0	0	0	065:16:58.80 N	095:04:32.39 W
Summer	C-GLYF	1165	DEPARTURE	09/19/2021 18:48:35	1	130	0	328	065:05:34.19 N	096:16:15.00 W
Summer	C-GLYF	1165	SCHED	09/19/2021 18:50:43	4	1	1640	266	065:07:53.40 N	096:13:32.39 W
Summer	C-GLYF	1165	XML_OVERDUE_REPOR T	09/19/2021 18:57:55	0	0	0	0		
Summer	C-GLYF	1165	XML_FLIGHT_SUMMAR Y	09/19/2021 19:33:10	0	0	0	0		
Summer	C-GLYF	1166	POWER_ON	09/19/2021 19:33:09	NA	NA	NA	NA		
Summer	C-GLYF	1166	DEPARTURE	09/19/2021 19:33:23	1	1	0	25	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:33:34	1	1	139	27	065:06:26.39 N	096:16:39.59 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:35:42	2	1	169	20	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:37:51	3	0	173	228	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:39:59	4	0	188	154	065:06:22.80 N	096:16:52.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:42:12	5	5	177	104	065:06:23.39 N	096:16:52.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:44:20	6	8	165	104	065:06:26.39 N	096:16:37.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:46:28	7	0	177	60	065:06:22.80 N	096:16:51.60 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:48:38	8	8	161	112	065:06:26.39 N	096:16:37.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:50:50	9	3	163	93	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:52:57	10	23	204	139	065:06:25.80 N	096:16:57.60 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:55:04	11	41	219	153	065:06:26.39 N	096:17:01.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:57:11	12	66	207	294	065:06:36.60 N	096:16:35.40 W
Summer	C-GLYF	1166	SCHED	09/19/2021 19:59:24	13	59	197	249	065:06:34.19 N	096:16:55.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:01:36	14	60	206	328	065:06:36.60 N	096:16:23.99 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:03:43	15	0	161	78	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:05:50	16	2	160	117	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:07:57	17	0	164	77	065:06:27.00 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:10:09	18	1	173	158	065:06:22.80 N	096:16:51.60 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:12:17	19	30	223	158	065:06:26.39 N	096:16:58.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:14:26	20	0	157	96	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:16:34	21	0	160	151	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:18:42	22	26	167	52	065:06:25.80 N	096:16:46.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:21:06	23	16	189	132	065:06:24.59 N	096:16:54.59 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:23:18	24	59	201	209	065:06:34.79 N	096:16:56.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:25:29	25	0	156	116	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:27:38	26	1	159	106	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:29:45	27	41	205	158	065:06:27.00 N	096:17:02.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:31:52	28	52	183	355	065:06:30.60 N	096:16:31.20 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:33:59	29	0	165	150	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:36:19	30	3	181	118	065:06:23.39 N	096:16:52.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:38:27	31	54	209	249	065:06:37.80 N	096:16:51.00 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:40:39	32	0	154	187	065:06:26.39 N	096:16:38.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:42:45	33	9	180	45	065:06:27.59 N	096:16:45.59 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:45:05	34	13	163	108	065:06:26.39 N	096:16:35.40 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:47:25	35	1	173	88	065:06:22.80 N	096:16:52.19 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:49:32	36	40	214	144	065:06:26.39 N	096:17:03.60 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:51:39	37	2	170	212	065:06:22.80 N	096:16:52.80 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:53:46	38	6	167	119	065:06:23.39 N	096:16:53.39 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:56:07	39	51	204	166	065:06:28.80 N	096:17:03.60 W
Summer	C-GLYF	1166	SCHED	09/19/2021 20:58:15	40	53	186	316	065:06:33.00 N	096:16:36.00 W
Summer	C-GLYF	1166	SCHED	09/19/2021 21:00:22	41	20	167	234	065:06:25.80 N	096:16:43.20 W
Summer	C-GLYF	1166	SCHED	09/19/2021 21:02:31	42	0	152	167	065:06:26.39 N	096:16:39.00 W
Summer	C-GLYF	1166	SCHED	09/19/2021 21:04:42	43	71	309	131	065:04:58.80 N	096:13:05.40 W
Summer	C-GLYF	1166	SCHED	09/19/2021 21:06:52	44	70	338	129	065:03:19.20 N	096:08:38.99 W
Summer	C-GLYF	1166	SCHED	09/19/2021 21:09:10	45	54	225	142	065:01:27.60 N	096:04:56.40 W
Summer	C-GLYF	1166	SCHED	09/19/2021 21:11:18	46	0	137	344	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1166	ARRIVAL	09/19/2021 21:11:55	1	0	137	344	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1166	XML_FLIGHT_SUMMAR Y	09/19/2021 21:11:56	0	0	0	0		
Summer	C-GLYF	1167	POWER_ON	09/19/2021 21:22:16	NA	NA	NA	NA		
Summer	C-GLYF	1167	SCHED	09/19/2021 21:23:19	1	0	142	164	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1167	DEPARTURE	09/19/2021 21:24:22	1	89	230	333	065:01:39.00 N	096:03:51.00 W
Summer	C-GLYF	1167	SCHED	09/19/2021 21:26:33	2	131	277	309	065:04:23.39 N	096:12:19.19 W
Summer	C-GLYF	1167	SCHED	09/19/2021 21:28:42	3	0	123	301	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1167	ARRIVAL	09/19/2021 21:29:17	1	0	123	301	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1167	XML_FLIGHT_SUMMAR Y	09/19/2021 21:29:18	0	0	0	0		
Summer	C-GLYF	1168	DEPARTURE	09/19/2021 21:31:00	2	80	164	148	065:06:07.20 N	096:16:22.19 W
Summer	C-GLYF	1168	SCHED	09/19/2021 21:33:14	4	101	286	126	065:03:46.19 N	096:10:28.79 W
Summer	C-GLYF	1168	SCHED	09/19/2021 21:35:24	5	44	153	127	065:01:30.59 N	096:04:18.59 W
Summer	C-GLYF	1168	ARRIVAL	09/19/2021 21:36:37	2	0	131	292	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1168	XML_FLIGHT_SUMMAR Y	09/19/2021 21:36:38	0	0	0	0		
Summer	C-GLYF	1169	POWER_ON	09/20/2021 00:06:15	NA	NA	NA	NA		
Summer	C-GLYF	1169	SCHED	09/20/2021 00:07:01	1	0	142	263	065:01:24.59 N	096:04:14.39 W
Summer	C-GLYF	1169	DEPARTURE	09/20/2021 00:08:33	1	71	196	8	065:01:33.59 N	096:03:40.20 W
Summer	C-GLYF	1169	SCHED	09/20/2021 00:10:40	2	129	399	307	065:04:10.20 N	096:11:08.39 W
Summer	C-GLYF	1169	SCHED	09/20/2021 00:12:47	3	15	144	33	065:06:22.19 N	096:16:50.40 W
Summer	C-GLYF	1169	ARRIVAL	09/20/2021 00:13:51	1	0	141	264	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1169	XML_FLIGHT_SUMMAR Y	09/20/2021 00:13:52	0	0	0	0		
Summer	C-GLYF	1169	SCHED	09/20/2021 00:15:59	4	0	139	264	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1169	SCHED	09/20/2021 00:18:11	5	0	138	221	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1169	SCHED	09/20/2021 00:20:18	6	0	140	221	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1169	SCHED	09/20/2021 00:22:26	7	0	144	221	065:06:23.39 N	096:16:51.00 W
Summer	C-GLYF	1170	DEPARTURE	09/20/2021 00:23:40	2	75	198	146	065:06:12.60 N	096:16:15.60 W
Summer	C-GLYF	1170	SCHED	09/20/2021 00:25:58	8	100	407	127	065:03:48.60 N	096:10:33.00 W
Summer	C-GLYF	1170	SCHED	09/20/2021 00:28:07	9	39	167	137	065:01:28.79 N	096:04:25.20 W
Summer	C-GLYF	1170	ARRIVAL	09/20/2021 00:29:13	2	0	145	118	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1170	XML_FLIGHT_SUMMAR Y	09/20/2021 00:29:14	0	0	0	0		
Summer	C-GLYF	1171	POWER_ON	09/20/2021 12:04:20	NA	NA	NA	NA		
Summer	C-GLYF	1171	SCHED	09/20/2021 12:05:01	1	1	0	68	065:01:27.00 N	096:04:15.00 W
Summer	C-GLYF	1171	SCHED	09/20/2021 12:07:08	2	1	0	296	065:01:27.00 N	096:04:15.60 W
Summer	C-GLYF	1171	DEPARTURE	09/20/2021 12:09:06	1	78	206	340	065:01:45.59 N	096:04:05.99 W
Summer	C-GLYF	1171	SCHED	09/20/2021 12:11:13	3	111	554	315	065:04:16.20 N	096:10:34.79 W
Summer	C-GLYF	1171	SCHED	09/20/2021 12:13:32	4	36	180	57	065:06:18.59 N	096:16:58.80 W
Summer	C-GLYF	1171	SCHED	09/20/2021 12:15:41	5	0	142	293	065:06:23.39 N	096:16:49.19 W
Summer	C-GLYF	1171	ARRIVAL	09/20/2021 12:15:47	1	0	143	293	065:06:23.39 N	096:16:49.19 W
Summer	C-GLYF	1171	XML_FLIGHT_SUMMAR Y	09/20/2021 12:15:48	0	0	0	0		
Summer	C-GLYF	1171	SCHED	09/20/2021 12:17:58	6	0	141	293	065:06:23.39 N	096:16:49.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1171	SCHED	09/20/2021 12:20:05	7	0	143	83	065:06:23.39 N	096:16:49.79 W
Summer	C-GLYF	1171	SCHED	09/20/2021 12:22:16	8	0	144	83	065:06:23.39 N	096:16:48.60 W
Summer	C-GLYF	1171	SCHED	09/20/2021 12:24:25	9	0	144	75	065:06:23.39 N	096:16:49.19 W
Summer	C-GLYF	1172	DEPARTURE	09/20/2021 12:25:43	2	83	168	128	065:06:27.00 N	096:16:10.20 W
Summer	C-GLYF	1172	SCHED	09/20/2021 12:27:52	10	92	428	123	065:03:57.60 N	096:11:25.80 W
Summer	C-GLYF	1172	SCHED	09/20/2021 12:30:01	11	93	271	163	065:01:49.80 N	096:05:24.59 W
Summer	C-GLYF	1172	ARRIVAL	09/20/2021 12:32:07	2	0	137	48	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1172	XML_FLIGHT_SUMMARY	09/20/2021 12:32:08	0	0	0	0		
Summer	C-GLYF	1172	SCHED	09/20/2021 12:32:17	12	0	137	48	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1173	POWER_ON	09/20/2021 18:47:33	NA	NA	NA	NA		
Summer	C-GLYF	1173	SCHED	09/20/2021 18:48:10	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GLYF	1173	SCHED	09/20/2021 18:50:31	2	0	0	2	065:01:27.60 N	096:04:16.20 W
Summer	C-GLYF	1173	SCHED	09/20/2021 18:52:39	3	1	283	73	065:01:22.20 N	096:04:26.39 W
Summer	C-GLYF	1173	DEPARTURE	09/20/2021 18:53:47	1	61	290	330	065:01:37.19 N	096:04:44.39 W
Summer	C-GLYF	1173	SCHED	09/20/2021 18:55:55	4	73	364	310	065:03:22.79 N	096:08:52.80 W
Summer	C-GLYF	1173	SCHED	09/20/2021 18:58:03	5	77	375	309	065:05:04.79 N	096:13:48.00 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:00:10	6	4	182	24	065:06:22.80 N	096:16:52.19 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:02:18	7	89	281	143	065:05:47.99 N	096:15:33.00 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:04:25	8	100	362	154	065:02:52.80 N	096:11:31.19 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:06:33	9	0	187	27	065:01:52.80 N	096:09:29.40 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:08:46	10	78	305	316	065:03:39.00 N	096:12:20.99 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:10:52	11	78	283	322	065:05:46.80 N	096:16:31.79 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:13:00	12	0	171	262	065:06:22.80 N	096:16:52.80 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:15:07	13	61	216	127	065:06:20.39 N	096:16:28.20 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:17:14	14	91	364	127	065:04:15.00 N	096:11:29.40 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:19:38	15	94	318	156	065:02:07.19 N	096:05:33.60 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:21:44	16	79	274	333	065:02:10.79 N	096:05:28.20 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:23:52	17	17	190	40	065:01:49.80 N	096:09:34.19 W
Summer	C-GLYF	1173	SCHED	09/20/2021 19:26:07	18	0	147	59	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1173	ARRIVAL	09/20/2021 19:26:15	1	0	147	59	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1173	XML_FLIGHT_SUMMARY	09/20/2021 19:26:16	0	0	0	0		
Summer	C-GLYF	1173	SCHED	09/20/2021 19:28:22	19	0	146	59	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1174	DEPARTURE	09/20/2021 19:29:49	2	74	234	341	065:02:10.20 N	096:09:34.79 W
Summer	C-GLYF	1174	SCHED	09/20/2021 19:31:56	20	107	402	313	065:04:43.80 N	096:14:57.60 W
Summer	C-GLYF	1174	SCHED	09/20/2021 19:34:03	21	4	151	320	065:06:24.00 N	096:16:57.60 W
Summer	C-GLYF	1174	ARRIVAL	09/20/2021 19:35:10	2	0	147	74	065:06:24.00 N	096:16:57.60 W
Summer	C-GLYF	1174	XML_FLIGHT_SUMMARY	09/20/2021 19:35:11	0	0	0	0		
Summer	C-GLYF	1174	SCHED	09/20/2021 19:37:19	22	0	174	44	065:06:24.00 N	096:16:56.99 W
Summer	C-GLYF	1174	SCHED	09/20/2021 19:39:25	23	2	169	23	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1175	DEPARTURE	09/20/2021 19:41:19	3	53	218	254	065:06:35.39 N	096:16:54.59 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:43:27	24	0	162	41	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:45:39	25	3	161	50	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:47:48	26	1	185	41	065:06:24.00 N	096:16:57.60 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:49:57	27	0	163	57	065:06:26.39 N	096:16:37.80 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:52:08	28	2	184	54	065:06:24.00 N	096:16:57.60 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:54:24	29	2	186	44	065:06:24.00 N	096:16:58.19 W
Summer	C-GLYF	1175	SCHED	09/20/2021 19:56:35	30	0	147	323	065:06:22.80 N	096:16:58.19 W
Summer	C-GLYF	1175	ARRIVAL	09/20/2021 19:56:42	3	0	147	323	065:06:22.80 N	096:16:58.19 W
Summer	C-GLYF	1175	POWER_ON	09/20/2021 20:42:13	NA	NA	NA	NA		
Summer	C-GLYF	1175	SCHED	09/20/2021 20:42:45	1	0	151	240	065:06:22.80 N	096:16:58.80 W
Summer	C-GLYF	1175	DEPARTURE	09/20/2021 20:44:29	1	88	220	117	065:06:30.60 N	096:16:20.40 W
Summer	C-GLYF	1175	SCHED	09/20/2021 20:46:35	2	125	391	158	065:02:49.79 N	096:11:04.79 W
Summer	C-GLYF	1175	ARRIVAL	09/20/2021 20:48:43	1	0	142	54	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1175	XML_FLIGHT_SUMMARY	09/20/2021 20:48:44	0	0	0	0		
Summer	C-GLYF	1175	SCHED	09/20/2021 20:48:52	3	0	142	54	065:01:50.99 N	096:09:30.60 W
Summer	C-GLYF	1176	DEPARTURE	09/20/2021 20:49:26	2	81	196	22	065:02:09.59 N	096:09:18.00 W
Summer	C-GLYF	1176	SCHED	09/20/2021 20:51:33	4	16	144	67	065:01:26.40 N	096:04:18.00 W
Summer	C-GLYF	1176	ARRIVAL	09/20/2021 20:52:36	2	0	128	24	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1176	POWER_ON	09/20/2021 21:59:09	NA	NA	NA	NA		
Summer	C-GLYF	1176	SCHED	09/20/2021 21:59:48	1	0	126	172	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	1176	SCHED	09/20/2021 22:01:54	2	0	121	301	065:01:24.59 N	096:04:15.00 W
Summer	C-GLYF	1176	POWER_ON	09/20/2021 23:13:53	NA	NA	NA	NA		
Summer	C-GLYF	1176	SCHED	09/20/2021 23:15:38	1	0	141	0	065:01:25.20 N	096:04:15.00 W
Summer	C-GLYF	1176	DEPARTURE	09/20/2021 23:16:10	1	73	198	355	065:01:43.80 N	096:04:09.59 W
Summer	C-GLYF	1176	SCHED	09/20/2021 23:18:17	2	108	432	302	065:03:40.80 N	096:10:30.60 W
Summer	C-GLYF	1176	SCHED	09/20/2021 23:20:24	3	69	239	358	065:06:01.79 N	096:16:50.40 W
Summer	C-GLYF	1176	ARRIVAL	09/20/2021 23:21:54	1	0	144	283	065:06:24.00 N	096:16:51.00 W
Summer	C-GLYF	1176	XML_FLIGHT_SUMMARY	09/20/2021 23:21:55	0	0	0	0		
Summer	C-GLYF	1176	SCHED	09/20/2021 23:24:03	4	0	144	283	065:06:24.00 N	096:16:51.00 W
Summer	C-GLYF	1177	DEPARTURE	09/20/2021 23:26:32	2	67	251	236	065:06:31.80 N	096:17:05.99 W
Summer	C-GLYF	1177	SCHED	09/20/2021 23:28:39	5	124	337	122	065:02:43.19 N	096:06:58.20 W
Summer	C-GLYF	1177	ARRIVAL	09/20/2021 23:30:41	2	0	133	28	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1177	XML_FLIGHT_SUMMARY	09/20/2021 23:30:42	0	0	0	0		
Summer	C-GLYF	1177	SCHED	09/20/2021 23:30:50	6	0	133	28	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1178	POWER_ON	09/21/2021 12:06:21	NA	NA	NA	NA		
Summer	C-GLYF	1178	SCHED	09/21/2021 12:06:50	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Summer	C-GLYF	1178	SCHED	09/21/2021 12:09:06	2	0	153	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	1178	DEPARTURE	09/21/2021 12:10:55	1	60	189	342	065:01:43.80 N	096:04:13.79 W
Summer	C-GLYF	1178	SCHED	09/21/2021 12:13:02	3	112	486	309	065:03:51.60 N	096:10:18.60 W
Summer	C-GLYF	1178	SCHED	09/21/2021 12:15:08	4	66	248	7	065:06:07.20 N	096:16:47.39 W
Summer	C-GLYF	1178	SCHED	09/21/2021 12:17:21	5	0	153	295	065:06:24.00 N	096:16:49.19 W
Summer	C-GLYF	1178	ARRIVAL	09/21/2021 12:19:13	1	0	150	295	065:06:24.00 N	096:16:48.00 W
Summer	C-GLYF	1178	XML_FLIGHT_SUMMARY	09/21/2021 12:19:14	0	0	0	0		
Summer	C-GLYF	1179	DEPARTURE	09/21/2021 12:20:10	2	92	190	133	065:06:27.59 N	096:16:07.80 W
Summer	C-GLYF	1179	SCHED	09/21/2021 12:22:19	6	115	426	122	065:03:36.00 N	096:10:06.00 W
Summer	C-GLYF	1179	SCHED	09/21/2021 12:24:34	7	19	150	61	065:01:25.79 N	096:04:19.19 W
Summer	C-GLYF	1179	ARRIVAL	09/21/2021 12:25:23	2	0	135	45	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1179	XML_FLIGHT_SUMMARY	09/21/2021 12:25:24	0	0	0	0		
Summer	C-GLYF	1180	DEPARTURE	09/21/2021 12:27:32	3	73	235	338	065:01:45.00 N	096:04:25.20 W
Summer	C-GLYF	1180	DEPARTURE	09/21/2021 12:28:52	3	73	235	338	065:01:45.00 N	096:04:25.20 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:31:03	8	93	402	306	065:05:25.80 N	096:15:24.59 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:33:10	9	1	171	43	065:06:22.80 N	096:16:53.39 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:35:20	10	88	361	136	065:05:28.19 N	096:14:37.19 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:37:28	11	92	389	131	065:03:16.20 N	096:08:37.19 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:39:34	12	17	198	52	065:01:19.20 N	096:04:31.80 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:41:41	13	93	319	298	065:02:38.39 N	096:06:32.39 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GLYF	1180	SCHED	09/21/2021 12:43:50	14	1	177	13	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:46:43	15	85	338	319	065:04:12.60 N	096:13:21.60 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:48:50	16	3	175	311	065:06:22.80 N	096:16:51.00 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:51:45	17	96	367	150	065:04:41.39 N	096:13:42.00 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:54:46	18	1	184	358	065:01:51.60 N	096:09:27.60 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:56:54	19	89	306	322	065:03:47.39 N	096:12:37.80 W
Summer	C-GLYF	1180	SCHED	09/21/2021 12:59:06	20	55	222	352	065:06:13.79 N	096:16:49.19 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:01:21	21	89	297	150	065:05:39.60 N	096:15:04.79 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:03:34	22	95	378	156	065:02:32.39 N	096:10:55.20 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:05:42	23	38	226	349	065:01:56.39 N	096:09:26.99 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:07:54	24	84	286	323	065:04:03.59 N	096:13:01.80 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:10:01	25	32	200	352	065:06:19.80 N	096:16:48.60 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:12:09	26	100	338	146	065:04:35.99 N	096:14:20.40 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:14:16	27	71	255	112	065:01:46.19 N	096:09:47.39 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:16:23	28	79	323	323	065:03:07.20 N	096:11:29.40 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:18:32	29	83	296	329	065:05:22.19 N	096:15:52.80 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:20:45	30	95	263	139	065:05:55.79 N	096:15:41.99 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:22:52	31	87	365	140	065:03:30.59 N	096:09:45.60 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:25:00	32	57	224	99	065:01:23.99 N	096:04:37.80 W
Summer	C-GLYF	1180	SCHED	09/21/2021 13:27:12	33	0	145	317	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1180	ARRIVAL	09/21/2021 13:27:29	3	0	144	317	065:01:25.20 N	096:04:14.39 W
Summer	C-GLYF	1180	XML_FLIGHT_SUMMARY	09/21/2021 13:27:30	0	0	0	0		
Summer	C-GLYF	1181	POWER_ON	09/21/2021 13:39:02	NA	NA	NA	NA		
Summer	C-GLYF	1181	POWER_ON	09/21/2021 20:49:48	NA	NA	NA	NA		
Summer	C-GLYF	1181	SCHED	09/21/2021 20:50:28	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1181	POWER_ON	09/21/2021 22:49:24	NA	NA	NA	NA		
Summer	C-GLYF	1181	SCHED	09/21/2021 22:50:05	1	0	0	0	065:01:27.00 N	096:04:16.20 W
Summer	C-GLYF	1181	SCHED	09/21/2021 22:52:14	2	0	143	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GLYF	1181	SCHED	09/21/2021 22:54:27	3	1	143	242	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1181	DEPARTURE	09/21/2021 22:55:06	1	76	198	320	065:01:38.39 N	096:04:53.40 W
Summer	C-GLYF	1181	SCHED	09/21/2021 22:57:20	4	6	182	54	065:01:50.99 N	096:09:27.60 W
Summer	C-GLYF	1181	SCHED	09/21/2021 22:59:27	5	81	295	322	065:03:21.00 N	096:12:01.80 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:01:35	6	76	255	333	065:05:35.39 N	096:16:07.80 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:03:41	7	1	163	171	065:06:22.19 N	096:16:37.80 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:05:56	8	89	313	142	065:04:24.00 N	096:14:26.99 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:08:06	9	74	274	159	065:01:58.80 N	096:10:01.79 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:10:13	10	78	261	326	065:03:04.19 N	096:11:20.39 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:12:21	11	82	222	325	065:05:19.20 N	096:15:35.40 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:14:27	12	58	253	137	065:06:21.00 N	096:16:21.59 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:16:35	13	59	270	145	065:04:28.20 N	096:14:08.99 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:18:41	14	64	266	148	065:02:48.00 N	096:11:11.39 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:20:55	15	80	312	81	065:02:37.19 N	096:07:46.79 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:23:04	16	0	174	80	065:01:20.40 N	096:04:28.20 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:25:14	17	0	136	16	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1181	ARRIVAL	09/21/2021 23:25:46	1	0	135	16	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1181	XML_FLIGHT_SUMMARY	09/21/2021 23:25:47	0	0	0	0		
Summer	C-GLYF	1181	SCHED	09/21/2021 23:27:54	18	0	135	25	065:01:27.00 N	096:04:16.79 W
Summer	C-GLYF	1181	SCHED	09/21/2021 23:30:02	19	0	139	296	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1182	POWER_ON	09/22/2021 00:04:26	NA	NA	NA	NA		
Fall	C-GLYF	1182	SCHED	09/22/2021 00:05:23	1	0	139	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1182	DEPARTURE	09/22/2021 00:07:01	1	76	165	309	065:01:39.00 N	096:04:50.99 W
Fall	C-GLYF	1182	SCHED	09/22/2021 00:09:07	2	104	306	309	065:03:49.79 N	096:10:35.99 W
Fall	C-GLYF	1182	SCHED	09/22/2021 00:11:25	3	49	191	318	065:06:13.79 N	096:16:43.80 W
Fall	C-GLYF	1182	ARRIVAL	09/22/2021 00:12:51	1	0	141	272	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1182	XML_FLIGHT_SUMMARY	09/22/2021 00:12:52	0	0	0	0		
Fall	C-GLYF	1182	SCHED	09/22/2021 00:15:02	4	0	140	272	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1182	SCHED	09/22/2021 00:17:11	5	0	140	272	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1183	DEPARTURE	09/22/2021 00:18:58	2	87	181	206	065:06:10.79 N	096:17:22.19 W
Fall	C-GLYF	1183	SCHED	09/22/2021 00:21:06	6	109	143	151	065:04:12.60 N	096:10:40.80 W
Fall	C-GLYF	1183	SCHED	09/22/2021 00:23:26	7	78	156	122	065:01:36.00 N	096:04:39.60 W
Fall	C-GLYF	1183	ARRIVAL	09/22/2021 00:24:33	2	0	146	137	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1183	XML_FLIGHT_SUMMARY	09/22/2021 00:24:34	0	0	0	0		
Fall	C-GLYF	1184	POWER_ON	09/22/2021 00:26:56	NA	NA	NA	NA		
Fall	C-GLYF	1184	SCHED	09/22/2021 00:27:36	1	0	143	57	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1184	POWER_ON	09/22/2021 11:58:08	NA	NA	NA	NA		
Fall	C-GLYF	1184	SCHED	09/22/2021 11:58:46	1	0	0	0	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1184	SCHED	09/22/2021 12:00:56	2	1	0	160	065:01:29.39 N	096:03:52.80 W
Fall	C-GLYF	1184	SCHED	09/22/2021 12:03:08	3	1	760	271	065:01:29.39 N	096:03:56.40 W
Fall	C-GLYF	1184	DEPARTURE	09/22/2021 12:04:59	1	94	692	303	065:01:43.80 N	096:04:39.60 W
Fall	C-GLYF	1184	SCHED	09/22/2021 12:07:07	4	124	416	313	065:04:14.40 N	096:11:11.39 W
Fall	C-GLYF	1184	SCHED	09/22/2021 12:09:29	5	16	172	118	065:06:25.80 N	096:16:52.80 W
Fall	C-GLYF	1184	ARRIVAL	09/22/2021 12:10:45	1	0	135	257	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1184	XML_FLIGHT_SUMMARY	09/22/2021 12:10:46	0	0	0	0		
Fall	C-GLYF	1184	SCHED	09/22/2021 12:12:52	6	0	141	82	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1184	SCHED	09/22/2021 12:15:01	7	0	141	82	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1184	SCHED	09/22/2021 12:17:11	8	0	141	82	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1185	DEPARTURE	09/22/2021 12:18:40	2	74	156	177	065:06:05.40 N	096:16:40.20 W
Fall	C-GLYF	1185	SCHED	09/22/2021 12:20:50	9	93	223	122	065:03:22.79 N	096:09:45.00 W
Fall	C-GLYF	1185	SCHED	09/22/2021 12:22:59	10	17	156	103	065:01:26.40 N	096:04:19.79 W
Fall	C-GLYF	1185	ARRIVAL	09/22/2021 12:23:59	2	0	138	105	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1185	XML_FLIGHT_SUMMARY	09/22/2021 12:24:00	0	0	0	0		
Fall	C-GLYF	1185	SCHED	09/22/2021 12:26:07	11	44	178	292	065:01:27.00 N	096:04:24.59 W
Fall	C-GLYF	1186	DEPARTURE	09/22/2021 12:26:24	3	83	211	333	065:01:39.00 N	096:04:52.19 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:28:34	12	98	344	308	065:03:40.80 N	096:11:08.39 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:30:42	13	77	260	330	065:06:15.00 N	096:16:59.40 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:32:49	14	46	208	171	065:06:16.79 N	096:16:49.79 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:34:56	15	51	277	127	065:04:47.40 N	096:13:57.59 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:37:04	16	59	298	125	065:03:38.39 N	096:10:10.80 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:39:13	17	51	283	134	065:02:25.79 N	096:06:28.80 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:41:24	18	1	181	195	065:01:20.40 N	096:04:28.20 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:43:34	19	98	279	218	065:02:17.39 N	096:09:15.00 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:45:43	20	98	273	330	065:02:41.39 N	096:11:54.59 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:47:54	21	95	264	329	065:05:30.00 N	096:16:20.99 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:50:11	22	72	221	166	065:06:04.79 N	096:16:36.59 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:52:18	23	72	296	141	065:03:52.80 N	096:12:41.40 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:54:25	24	32	244	142	065:01:55.19 N	096:09:33.00 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:56:32	25	80	297	127	065:02:13.80 N	096:06:06.00 W
Fall	C-GLYF	1186	SCHED	09/22/2021 12:58:38	26	0	146	235	065:01:25.20 N	096:04:15.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1186	ARRIVAL	09/22/2021 12:59:18	3	0	144	235	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1186	XML_FLIGHT_SUMMARY	09/22/2021 12:59:19	0	0	0	0		
Fall	C-GLYF	1186	SCHED	09/22/2021 13:01:25	27	0	142	235	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1186	SCHED	09/22/2021 13:03:35	28	0	136	12	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1187	DEPARTURE	09/22/2021 13:04:33	4	99	168	318	065:01:43.80 N	096:04:22.79 W
Fall	C-GLYF	1187	SCHED	09/22/2021 13:06:46	29	126	331	317	065:04:11.99 N	096:11:44.39 W
Fall	C-GLYF	1187	SCHED	09/22/2021 13:08:53	30	54	201	94	065:06:13.79 N	096:17:11.40 W
Fall	C-GLYF	1187	ARRIVAL	09/22/2021 13:10:23	4	0	141	261	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1187	XML_FLIGHT_SUMMARY	09/22/2021 13:10:24	0	0	0	0		
Fall	C-GLYF	1188	DEPARTURE	09/22/2021 13:11:15	5	78	181	208	065:06:10.79 N	096:17:22.80 W
Fall	C-GLYF	1188	SCHED	09/22/2021 13:13:32	31	94	245	125	065:03:47.39 N	096:12:06.60 W
Fall	C-GLYF	1188	SCHED	09/22/2021 13:15:42	32	88	239	151	065:01:50.39 N	096:05:18.00 W
Fall	C-GLYF	1188	ARRIVAL	09/22/2021 13:17:19	5	0	144	119	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1188	XML_FLIGHT_SUMMARY	09/22/2021 13:17:20	0	0	0	0		
Fall	C-GLYF	1188	SCHED	09/22/2021 13:19:27	33	0	144	119	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1188	SCHED	09/22/2021 13:21:35	34	0	143	154	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1189	POWER_ON	09/22/2021 14:31:15	NA	NA	NA	NA		
Fall	C-GLYF	1189	SCHED	09/22/2021 14:31:58	1	0	142	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:34:18	2	1	147	57	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:36:27	3	0	142	224	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:38:35	4	0	141	224	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:40:41	5	0	139	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:42:51	6	0	139	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:44:59	7	0	139	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:47:07	8	0	139	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:49:15	9	0	139	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:51:20	10	0	139	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:53:34	11	0	140	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:55:41	12	0	140	38	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 14:57:50	13	0	140	34	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 15:03:14	14	0	136	100	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1189	SCHED	09/22/2021 15:05:25	15	0	140	139	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1189	POWER_ON	09/22/2021 17:15:31	NA	NA	NA	NA		
Fall	C-GLYF	1189	SCHED	09/22/2021 17:16:12	1	0	139	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:19:15	2	0	140	339	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:21:40	3	45	201	128	065:01:25.20 N	096:03:55.20 W
Fall	C-GLYF	1189	DEPARTURE	09/22/2021 17:21:51	1	47	251	116	065:01:19.79 N	096:03:42.60 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:23:57	4	122	333	310	065:04:17.39 N	096:11:01.20 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:26:12	5	22	185	130	065:06:21.59 N	096:17:02.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:28:24	6	118	266	319	065:08:47.99 N	096:21:24.59 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:30:31	7	108	524	322	065:11:46.20 N	096:27:22.19 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:32:38	8	121	506	321	065:14:59.39 N	096:33:11.40 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:35:29	9	120	398	324	065:19:07.79 N	096:40:55.79 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:37:36	10	121	362	323	065:22:49.20 N	096:47:37.19 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:39:43	11	120	273	326	065:26:15.00 N	096:53:29.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:41:52	12	118	208	321	065:29:38.39 N	096:59:32.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:44:16	13	12	177	112	065:30:19.79 N	097:01:04.79 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:46:52	14	0	160	53	065:30:17.99 N	097:00:52.80 W
Fall	C-GLYF	1189	ARRIVAL	09/22/2021 17:47:35	1	0	157	22	065:30:17.99 N	097:00:52.80 W
Fall	C-GLYF	1189	XML_FLIGHT_SUMMARY	09/22/2021 17:47:36	0	0	0	0		
Fall	C-GLYF	1189	SCHED	09/22/2021 17:49:51	15	0	156	137	065:30:17.40 N	097:00:53.39 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:51:58	16	0	157	322	065:30:17.40 N	097:00:52.80 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:54:05	17	0	158	322	065:30:17.40 N	097:00:52.80 W
Fall	C-GLYF	1189	SCHED	09/22/2021 17:56:19	18	73	170	127	065:30:12.60 N	097:00:29.39 W
Fall	C-GLYF	1190	DEPARTURE	09/22/2021 17:56:27	2	87	167	145	065:30:05.39 N	097:00:14.40 W
Fall	C-GLYF	1190	SCHED	09/22/2021 17:58:40	19	95	441	145	065:27:26.40 N	096:55:49.20 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:00:47	20	94	383	143	065:24:37.80 N	096:51:16.20 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:02:54	21	91	415	142	065:22:08.39 N	096:46:34.19 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:05:05	22	93	411	140	065:19:36.60 N	096:41:44.39 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:07:18	23	92	389	135	065:17:02.99 N	096:36:38.99 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:09:24	24	97	356	138	065:14:27.60 N	096:31:09.59 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:11:48	25	95	451	143	065:12:00.59 N	096:26:16.19 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:14:14	26	94	390	141	065:09:08.39 N	096:20:30.00 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:16:21	27	92	312	160	065:06:08.39 N	096:15:05.39 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:18:32	28	89	259	133	065:03:46.19 N	096:10:03.00 W
Fall	C-GLYF	1190	SCHED	09/22/2021 18:20:42	29	49	157	127	065:01:31.19 N	096:04:28.80 W
Fall	C-GLYF	1190	ARRIVAL	09/22/2021 18:21:48	2	0	143	108	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1190	XML_FLIGHT_SUMMARY	09/22/2021 18:21:49	0	0	0	0		
Fall	C-GLYF	1190	SCHED	09/22/2021 18:23:57	30	0	139	108	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1191	DEPARTURE	09/22/2021 18:24:52	3	62	204	121	065:01:19.20 N	096:03:37.80 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:27:00	31	124	418	317	065:03:13.79 N	096:09:38.40 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:29:14	32	97	226	309	065:06:30.60 N	096:16:23.40 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:31:35	33	114	258	322	065:08:07.79 N	096:19:58.79 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:33:47	34	122	429	322	065:11:30.00 N	096:26:24.59 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:35:55	35	126	429	321	065:14:55.80 N	096:32:58.79 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:38:17	36	127	411	320	065:18:14.99 N	096:39:26.99 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:40:25	37	123	286	331	065:22:17.39 N	096:46:12.60 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:42:33	38	126	308	322	065:25:45.59 N	096:52:04.20 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:44:43	39	122	212	321	065:29:06.60 N	096:58:43.79 W
Fall	C-GLYF	1191	SCHED	09/22/2021 18:46:49	40	0	163	134	065:30:17.99 N	097:00:53.99 W
Fall	C-GLYF	1191	ARRIVAL	09/22/2021 18:48:39	3	0	164	134	065:30:17.99 N	097:00:53.39 W
Fall	C-GLYF	1191	XML_FLIGHT_SUMMARY	09/22/2021 18:48:40	0	0	0	0		
Fall	C-GLYF	1191	SCHED	09/22/2021 18:50:46	41	0	166	277	065:30:17.99 N	097:00:53.39 W
Fall	C-GLYF	1192	POWER_ON	09/22/2021 18:54:22	NA	NA	NA	NA		
Fall	C-GLYF	1192	SCHED	09/22/2021 18:54:59	1	0	159	0	065:30:17.99 N	097:00:53.99 W
Fall	C-GLYF	1192	SCHED	09/22/2021 18:57:14	2	0	162	0	065:30:17.99 N	097:00:53.99 W
Fall	C-GLYF	1192	SCHED	09/22/2021 18:59:25	3	0	162	0	065:30:17.99 N	097:00:53.99 W
Fall	C-GLYF	1192	POWER_ON	09/22/2021 19:42:53	NA	NA	NA	NA		
Fall	C-GLYF	1192	SCHED	09/22/2021 19:43:35	1	0	159	0	065:30:17.99 N	097:00:53.99 W
Fall	C-GLYF	1192	POWER_ON	09/22/2021 19:58:04	NA	NA	NA	NA		
Fall	C-GLYF	1192	SCHED	09/22/2021 19:58:42	1	0	160	0	065:30:17.99 N	097:00:53.99 W
Fall	C-GLYF	1192	DEPARTURE	09/22/2021 20:00:29	1	85	191	28	065:30:25.79 N	097:00:11.99 W
Fall	C-GLYF	1192	SCHED	09/22/2021 20:02:38	2	109	250	320	065:33:48.00 N	097:05:50.99 W
Fall	C-GLYF	1192	SCHED	09/22/2021 20:04:44	3	122	260	340	065:36:26.39 N	097:10:49.20 W
Fall	C-GLYF	1192	SCHED	09/22/2021 20:06:51	4	101	232	270	065:38:13.20 N	097:19:05.40 W
Fall	C-GLYF	1192	SCHED	09/22/2021 20:09:05	5	84	204	152	065:37:26.39 N	097:16:57.60 W
Fall	C-GLYF	1192	SCHED	09/22/2021 20:11:12	6	73	179	141	065:35:07.79 N	097:12:47.39 W
Fall	C-GLYF	1192	SCHED	09/22/2021 20:13:20	7	15	132	163	065:33:38.39 N	097:08:53.99 W

Table 4 Track Data (2021)											
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude	
Fall	C-GLYF	1192	SCHED	09/22/2021 20:15:27	8	0	102	160	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1192	ARRIVAL	09/22/2021 20:15:33	1	0	102	160	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1192	XML_FLIGHT_SUMMARY	09/22/2021 20:15:34	0	0	0	0			
Fall	C-GLYF	1192	SCHED	09/22/2021 20:17:44	9	0	101	160	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1192	SCHED	09/22/2021 20:19:51	10	0	105	359	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1192	SCHED	09/22/2021 20:21:59	11	0	105	359	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1192	SCHED	09/22/2021 20:24:06	12	0	105	359	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1193	POWER_ON	09/22/2021 21:18:55	NA	NA	NA	NA			
Fall	C-GLYF	1193	SCHED	09/22/2021 21:19:37	1	0	103	0	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:21:57	2	0	102	0	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:24:05	3	0	103	0	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:26:19	4	0	103	0	065:33:41.99 N	097:08:46.79 W	
Fall	C-GLYF	1193	DEPARTURE	09/22/2021 21:26:43	1	70	172	302	065:33:36.00 N	097:09:21.60 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:28:54	5	53	168	130	065:34:17.39 N	097:10:18.00 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:31:13	6	82	142	247	065:35:06.60 N	097:12:02.39 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:33:20	7	79	127	132	065:33:34.20 N	097:09:18.00 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:35:30	8	50	186	342	065:32:03.60 N	097:04:19.79 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:38:30	9	88	214	147	065:29:37.79 N	096:59:44.39 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:40:36	10	95	208	151	065:26:32.99 N	096:54:30.60 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:42:51	11	83	241	146	065:24:03.59 N	096:49:56.40 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:44:57	12	94	271	124	065:21:36.60 N	096:44:49.19 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:47:16	13	92	283	146	065:19:34.19 N	096:38:58.79 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:49:29	14	92	275	144	065:16:45.59 N	096:33:33.00 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:51:38	15	96	251	137	065:14:01.19 N	096:28:46.20 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:53:47	16	95	278	145	065:11:25.79 N	096:23:47.39 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:55:58	17	93	239	142	065:08:47.99 N	096:18:52.80 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 21:58:06	18	89	367	143	065:06:16.79 N	096:14:03.60 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 22:00:16	19	93	238	139	065:03:37.80 N	096:09:13.20 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 22:02:29	20	18	158	152	065:01:27.60 N	096:04:13.79 W	
Fall	C-GLYF	1193	ARRIVAL	09/22/2021 22:03:35	1	0	139	228	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1193	XML_FLIGHT_SUMMARY	09/22/2021 22:03:36	0	0	0	0			
Fall	C-GLYF	1193	SCHED	09/22/2021 22:05:44	21	0	138	228	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 22:07:49	22	0	142	9	065:01:25.20 N	096:04:15.00 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 22:12:22	23	0	143	23	065:01:25.20 N	096:04:15.00 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 22:14:31	24	0	143	23	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1193	SCHED	09/22/2021 22:16:40	25	0	143	23	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1194	DEPARTURE	09/22/2021 22:17:41	2	70	162	77	065:01:20.99 N	096:03:34.19 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:19:50	26	121	362	310	065:03:49.79 N	096:11:07.19 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:22:00	27	126	488	323	065:07:03.00 N	096:17:51.00 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:24:06	28	124	523	312	065:10:25.80 N	096:24:50.40 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:26:14	29	129	550	320	065:13:20.99 N	096:32:30.00 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:28:22	30	130	447	331	065:17:10.20 N	096:38:07.19 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:30:28	31	129	298	324	065:20:56.99 N	096:44:12.60 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:32:35	32	126	197	329	065:24:41.99 N	096:50:14.39 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:34:42	33	126	150	325	065:28:07.19 N	096:56:43.20 W	
Fall	C-GLYF	1194	SCHED	09/22/2021 22:36:58	34	0	166	44	065:30:16.79 N	097:01:38.39 W	
Fall	C-GLYF	1194	ARRIVAL	09/22/2021 22:38:08	2	0	164	44	065:30:16.79 N	097:01:38.39 W	
Fall	C-GLYF	1194	XML_FLIGHT_SUMMARY	09/22/2021 22:38:09	0	0	0	0			
Fall	C-GLYF	1194	SCHED	09/22/2021 22:40:16	35	1	163	44	065:30:16.79 N	097:01:38.39 W	
Fall	C-GLYF	1195	DEPARTURE	09/22/2021 22:42:14	3	69	187	76	065:30:13.80 N	097:00:58.80 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:44:32	36	66	231	151	065:29:39.00 N	096:57:59.39 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:47:31	37	87	250	158	065:26:13.19 N	096:54:04.19 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:49:37	38	87	234	141	065:22:56.99 N	096:50:41.99 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:51:49	39	86	263	148	065:20:35.39 N	096:46:22.19 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:53:57	40	89	245	139	065:18:01.19 N	096:41:27.60 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:56:12	41	94	270	140	065:15:37.19 N	096:36:23.39 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 22:58:25	42	87	308	131	065:13:13.19 N	096:30:56.99 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 23:00:38	43	89	349	144	065:10:49.79 N	096:25:49.79 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 23:02:44	44	93	288	138	065:08:15.00 N	096:20:43.80 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 23:04:57	45	91	241	139	065:05:40.19 N	096:16:11.40 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 23:07:05	46	91	218	127	065:03:25.79 N	096:10:10.80 W	
Fall	C-GLYF	1195	SCHED	09/22/2021 23:09:14	47	50	168	125	065:01:33.59 N	096:04:36.60 W	
Fall	C-GLYF	1195	ARRIVAL	09/22/2021 23:10:31	3	0	131	131	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1195	XML_FLIGHT_SUMMARY	09/22/2021 23:10:32	0	0	0	0			
Fall	C-GLYF	1195	SCHED	09/22/2021 23:12:46	48	0	125	131	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1196	DEPARTURE	09/22/2021 23:14:52	4	84	230	327	065:01:42.59 N	096:04:04.20 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:16:58	49	101	277	309	065:04:02.40 N	096:11:16.19 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:19:11	50	91	249	328	065:06:13.20 N	096:17:13.79 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:21:16	51	51	258	139	065:05:35.39 N	096:16:04.79 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:23:43	52	56	286	128	065:04:27.00 N	096:13:01.80 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:25:53	53	57	276	128	065:03:04.79 N	096:08:33.60 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:28:01	54	52	232	158	065:01:49.19 N	096:05:19.19 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:30:09	55	0	178	322	065:01:27.60 N	096:04:17.39 W	
Fall	C-GLYF	1196	ARRIVAL	09/22/2021 23:31:36	4	0	149	212	065:01:25.20 N	096:04:15.00 W	
Fall	C-GLYF	1196	XML_FLIGHT_SUMMARY	09/22/2021 23:31:37	0	0	0	0			
Fall	C-GLYF	1196	SCHED	09/22/2021 23:33:41	56	0	147	212	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1196	SCHED	09/22/2021 23:35:49	57	0	151	107	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1197	POWER_ON	09/22/2021 23:54:58	NA	NA	NA	NA			
Fall	C-GLYF	1197	SCHED	09/22/2021 23:55:35	1	0	150	32	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1197	SCHED	09/22/2021 23:57:54	2	22	157	63	065:01:25.79 N	096:04:10.20 W	
Fall	C-GLYF	1197	DEPARTURE	09/22/2021 23:58:01	1	68	176	127	065:01:18.59 N	096:03:34.19 W	
Fall	C-GLYF	1197	SCHED	09/23/2021 00:00:11	3	132	318	297	065:03:14.40 N	096:09:46.20 W	
Fall	C-GLYF	1197	SCHED	09/23/2021 00:02:23	4	85	235	277	065:06:36.60 N	096:16:33.59 W	
Fall	C-GLYF	1197	ARRIVAL	09/23/2021 00:03:58	1	0	146	261	065:06:23.39 N	096:16:51.00 W	
Fall	C-GLYF	1197	XML_FLIGHT_SUMMARY	09/23/2021 00:03:59	0	0	0	0			
Fall	C-GLYF	1197	SCHED	09/23/2021 00:06:04	5	0	144	261	065:06:23.39 N	096:16:51.60 W	
Fall	C-GLYF	1197	SCHED	09/23/2021 00:08:23	6	0	143	261	065:06:23.39 N	096:16:51.60 W	
Fall	C-GLYF	1197	SCHED	09/23/2021 00:10:29	7	0	143	261	065:06:23.39 N	096:16:51.60 W	
Fall	C-GLYF	1197	SCHED	09/23/2021 00:12:34	8	0	142	261	065:06:23.39 N	096:16:51.60 W	
Fall	C-GLYF	1197	SCHED	09/23/2021 00:14:44	9	16	146	136	065:06:23.39 N	096:16:49.79 W	
Fall	C-GLYF	1198	DEPARTURE	09/23/2021 00:15:00	2	80	173	180	065:06:05.40 N	096:16:39.00 W	
Fall	C-GLYF	1198	SCHED	09/23/2021 00:17:11	10	87	239	118	065:03:47.39 N	096:12:28.20 W	
Fall	C-GLYF	1198	SCHED	09/23/2021 00:19:20	11	101	210	154	065:02:11.99 N	096:05:38.39 W	
Fall	C-GLYF	1198	ARRIVAL	09/23/2021 00:21:15	2	0	144	114	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1198	XML_FLIGHT_SUMMARY	09/23/2021 00:21:16	0	0	0	0			
Fall	C-GLYF	1199	POWER_ON	09/23/2021 12:09:27	NA	NA	NA	NA			
Fall	C-GLYF	1199	SCHED	09/23/2021 12:10:17	1	0	0	0	065:01:27.00 N	096:04:16.79 W	

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1199	DEPARTURE	09/23/2021 12:10:50	1	48	0	106	065:01:19.79 N	096:03:39.60 W
Fall	C-GLYF	1199	SCHED	09/23/2021 12:13:04	2	133	386	311	065:04:01.19 N	096:10:38.99 W
Fall	C-GLYF	1199	SCHED	09/23/2021 12:15:20	3	13	151	162	065:06:24.59 N	096:16:49.79 W
Fall	C-GLYF	1199	SCHED	09/23/2021 12:17:29	4	2	118	120	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1199	ARRIVAL	09/23/2021 12:19:36	1	0	129	51	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1199	XML_FLIGHT_SUMMARY	09/23/2021 12:19:37	0	0	0	0		
Fall	C-GLYF	1199	SCHED	09/23/2021 12:19:44	5	0	129	51	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1199	SCHED	09/23/2021 12:22:00	6	30	138	203	065:06:22.19 N	096:16:51.00 W
Fall	C-GLYF	1200	DEPARTURE	09/23/2021 12:22:16	2	77	166	182	065:06:06.59 N	096:17:19.20 W
Fall	C-GLYF	1200	SCHED	09/23/2021 12:24:25	7	103	167	128	065:03:40.80 N	096:10:52.79 W
Fall	C-GLYF	1200	SCHED	09/23/2021 12:26:33	8	65	156	130	065:01:33.59 N	096:04:37.80 W
Fall	C-GLYF	1200	ARRIVAL	09/23/2021 12:27:43	2	0	138	116	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1200	XML_FLIGHT_SUMMARY	09/23/2021 12:27:44	0	0	0	0		
Fall	C-GLYF	1200	SCHED	09/23/2021 12:29:50	9	0	137	116	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1200	SCHED	09/23/2021 12:32:01	10	1	171	209	065:01:20.40 N	096:04:28.80 W
Fall	C-GLYF	1201	DEPARTURE	09/23/2021 12:32:52	3	54	255	206	065:01:05.40 N	096:04:35.40 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:34:59	11	97	343	282	065:02:47.39 N	096:08:56.40 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:37:06	12	87	276	316	065:04:58.20 N	096:14:36.59 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:39:14	13	1	170	110	065:06:22.80 N	096:16:52.80 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:41:29	14	53	255	148	065:05:39.00 N	096:16:16.20 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:43:37	15	47	275	124	065:04:26.40 N	096:13:11.39 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:45:45	16	45	259	120	065:03:33.00 N	096:10:09.59 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:47:54	17	44	242	123	065:02:40.20 N	096:07:06.00 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:50:07	18	45	242	146	065:01:32.39 N	096:04:53.99 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:52:25	19	103	323	307	065:02:25.20 N	096:06:05.40 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:54:32	20	16	197	180	065:01:50.39 N	096:09:27.60 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:56:39	21	105	307	330	065:03:18.00 N	096:13:45.60 W
Fall	C-GLYF	1201	SCHED	09/23/2021 12:58:53	22	49	249	54	065:06:24.59 N	096:17:08.99 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:01:08	23	71	239	167	065:05:26.39 N	096:16:27.00 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:03:15	24	65	305	140	065:03:34.20 N	096:12:48.59 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:05:27	25	34	248	138	065:01:55.80 N	096:09:34.79 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:07:34	26	100	320	329	065:02:28.79 N	096:11:55.20 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:09:47	27	105	312	330	065:05:35.39 N	096:16:23.40 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:11:55	28	1	180	194	065:06:23.39 N	096:16:51.60 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:14:04	29	59	255	135	065:04:37.80 N	096:15:22.20 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:16:23	30	62	283	137	065:03:04.79 N	096:11:51.59 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:18:45	31	25	201	84	065:01:50.99 N	096:09:24.59 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:23:01	32	0	152	215	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1201	ARRIVAL	09/23/2021 13:23:17	3	0	152	215	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1201	XML_FLIGHT_SUMMARY	09/23/2021 13:23:18	0	0	0	0		
Fall	C-GLYF	1201	SCHED	09/23/2021 13:25:26	33	0	150	215	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:27:37	34	0	151	226	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:29:46	35	0	151	147	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:31:56	36	0	149	116	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:34:03	37	0	148	116	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1201	SCHED	09/23/2021 13:36:18	38	1	150	9	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1202	POWER_ON	09/23/2021 17:44:09	NA	NA	NA	NA		
Fall	C-GLYF	1202	SCHED	09/23/2021 17:44:48	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1202	SCHED	09/23/2021 17:46:57	2	0	0	68	065:01:27.60 N	096:04:16.79 W
Fall	C-GLYF	1202	DEPARTURE	09/23/2021 17:48:58	1	63	0	128	065:01:18.59 N	096:03:39.60 W
Fall	C-GLYF	1202	SCHED	09/23/2021 17:51:10	3	137	276	324	065:03:56.99 N	096:11:54.00 W
Fall	C-GLYF	1202	SCHED	09/23/2021 17:53:18	4	79	201	226	065:06:08.39 N	096:16:53.99 W
Fall	C-GLYF	1202	SCHED	09/23/2021 17:55:25	5	0	134	275	065:06:23.39 N	096:16:50.40 W
Fall	C-GLYF	1202	ARRIVAL	09/23/2021 17:55:53	1	0	134	275	065:06:23.39 N	096:16:50.40 W
Fall	C-GLYF	1202	XML_FLIGHT_SUMMARY	09/23/2021 17:55:54	0	0	0	0		
Fall	C-GLYF	1202	SCHED	09/23/2021 17:58:03	6	0	137	275	065:06:23.39 N	096:16:50.40 W
Fall	C-GLYF	1203	POWER_ON	09/23/2021 18:51:01	NA	NA	NA	NA		
Fall	C-GLYF	1203	SCHED	09/23/2021 18:51:41	1	0	131	0	065:06:23.39 N	096:16:50.40 W
Fall	C-GLYF	1203	SCHED	09/23/2021 18:53:48	2	0	128	198	065:06:23.39 N	096:16:50.40 W
Fall	C-GLYF	1203	SCHED	09/23/2021 18:55:56	3	3	169	219	065:06:23.39 N	096:16:51.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 18:58:06	4	0	190	282	065:06:24.59 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:00:15	5	2	178	135	065:06:22.80 N	096:16:51.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:02:23	6	9	191	287	065:06:24.00 N	096:16:55.20 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:04:30	7	0	186	277	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:06:37	8	8	195	265	065:06:24.00 N	096:16:55.80 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:08:45	9	0	187	261	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:10:57	10	1	171	282	065:06:22.80 N	096:16:51.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:13:07	11	3	179	109	065:06:23.39 N	096:16:51.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:15:16	12	0	183	227	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:17:35	13	1	184	244	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:19:45	14	5	179	332	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:21:53	15	3	168	343	065:06:23.39 N	096:16:51.00 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:24:03	16	0	186	249	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:26:13	17	0	172	128	065:06:22.80 N	096:16:52.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:28:26	18	8	179	135	065:06:22.80 N	096:16:52.80 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:30:39	19	8	192	267	065:06:24.00 N	096:16:56.39 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:32:47	20	0	184	234	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:34:55	21	7	180	146	065:06:23.39 N	096:16:52.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:39:16	22	0	189	226	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:41:28	23	1	185	81	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:43:36	24	2	177	135	065:06:22.80 N	096:16:52.19 W
Fall	C-GLYF	1203	DEPARTURE	09/23/2021 19:44:18	1	71	205	201	065:06:11.40 N	096:16:33.59 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:46:27	25	4	188	228	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:48:34	26	6	184	259	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:50:41	27	10	192	261	065:06:24.59 N	096:16:56.99 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:52:48	28	0	181	74	065:06:24.59 N	096:16:58.19 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:54:58	29	0	199	28	065:06:25.20 N	096:16:56.39 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:57:07	30	0	148	279	065:06:24.59 N	096:16:58.80 W
Fall	C-GLYF	1203	ARRIVAL	09/23/2021 19:57:15	1	0	148	279	065:06:24.59 N	096:16:58.80 W
Fall	C-GLYF	1203	SCHED	09/23/2021 19:59:21	31	0	148	279	065:06:24.59 N	096:16:58.80 W
Fall	C-GLYF	1203	SCHED	09/23/2021 20:01:29	32	0	148	279	065:06:24.59 N	096:16:58.80 W
Fall	C-GLYF	1203	POWER_ON	09/23/2021 20:57:38	NA	NA	NA	NA		
Fall	C-GLYF	1203	SCHED	09/23/2021 20:58:14	1	0	134	31	065:06:24.59 N	096:16:59.40 W
Fall	C-GLYF	1203	SCHED	09/23/2021 21:00:22	2	26	140	106	065:06:24.59 N	096:16:56.39 W
Fall	C-GLYF	1203	DEPARTURE	09/23/2021 21:02:31	1	81	149	183	065:06:07.79 N	096:16:40.20 W
Fall	C-GLYF	1203	SCHED	09/23/2021 21:04:39	3	90	198	115	065:02:41.39 N	096:07:01.20 W
Fall	C-GLYF	1203	SCHED	09/23/2021 21:06:52	4	0	128	225	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1203	ARRIVAL	09/23/2021 21:07:08	1	0	128	225	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1203	XML_FLIGHT_SUMMARY	09/23/2021 21:07:09	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1203	SCHED	09/23/2021 21:10:01	5	0	129	225	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1203	SCHED	09/23/2021 21:12:10	6	0	125	67	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1203	SCHED	09/23/2021 21:14:19	7	0	129	124	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1203	SCHED	09/23/2021 21:16:30	8	0	130	124	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1204	POWER_ON	09/24/2021 00:00:12	NA	NA	NA	NA		
Fall	C-GLYF	1204	SCHED	09/24/2021 00:00:55	1	0	138	0	065:01:26.40 N	096:04:17.39 W
Fall	C-GLYF	1204	SCHED	09/24/2021 00:03:14	2	0	139	326	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1204	SCHED	09/24/2021 00:05:22	3	0	140	326	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1204	DEPARTURE	09/24/2021 00:06:42	1	54	184	123	065:01:20.40 N	096:03:41.99 W
Fall	C-GLYF	1204	SCHED	09/24/2021 00:08:50	4	133	325	302	065:04:25.20 N	096:10:05.40 W
Fall	C-GLYF	1204	SCHED	09/24/2021 00:10:58	5	25	169	100	065:06:24.00 N	096:17:06.60 W
Fall	C-GLYF	1204	ARRIVAL	09/24/2021 00:12:10	1	0	154	158	065:06:23.39 N	096:17:00.60 W
Fall	C-GLYF	1204	XML_FLIGHT_SUMMARY	09/24/2021 00:12:11	0	0	0	0		
Fall	C-GLYF	1204	SCHED	09/24/2021 00:14:17	6	0	150	158	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1204	SCHED	09/24/2021 00:16:27	7	0	149	158	065:06:24.00 N	096:17:00.00 W
Fall	C-GLYF	1204	SCHED	09/24/2021 00:18:39	8	0	151	158	065:06:24.00 N	096:17:00.00 W
Fall	C-GLYF	1205	DEPARTURE	09/24/2021 00:20:50	2	76	197	175	065:06:07.79 N	096:16:42.60 W
Fall	C-GLYF	1205	SCHED	09/24/2021 00:22:58	9	88	273	129	065:04:05.99 N	096:11:31.19 W
Fall	C-GLYF	1205	SCHED	09/24/2021 00:25:08	10	87	265	150	065:02:09.59 N	096:05:45.00 W
Fall	C-GLYF	1205	ARRIVAL	09/24/2021 00:26:54	2	0	145	129	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1205	XML_FLIGHT_SUMMARY	09/24/2021 00:26:55	0	0	0	0		
Fall	C-GLYF	1205	SCHED	09/24/2021 00:29:00	11	0	146	129	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1206	POWER_ON	09/24/2021 12:00:08	NA	NA	NA	NA		
Fall	C-GLYF	1206	SCHED	09/24/2021 12:00:52	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:03:01	2	1	0	88	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:05:14	3	0	152	70	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1206	DEPARTURE	09/24/2021 12:06:50	1	61	167	108	065:01:19.20 N	096:03:37.80 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:09:01	4	131	329	298	065:04:08.99 N	096:10:28.19 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:11:08	5	36	198	120	065:06:25.20 N	096:17:18.59 W
Fall	C-GLYF	1206	ARRIVAL	09/24/2021 12:12:28	1	0	145	151	065:06:23.39 N	096:17:00.60 W
Fall	C-GLYF	1206	XML_FLIGHT_SUMMARY	09/24/2021 12:12:29	0	0	0	0		
Fall	C-GLYF	1206	SCHED	09/24/2021 12:14:35	6	0	141	151	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:16:45	7	0	141	151	065:06:24.00 N	096:17:00.00 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:18:53	8	0	136	151	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1206	SCHED	09/24/2021 12:21:01	9	79	160	152	065:06:18.00 N	096:16:34.79 W
Fall	C-GLYF	1207	DEPARTURE	09/24/2021 12:21:07	2	87	177	168	065:06:12.00 N	096:16:28.79 W
Fall	C-GLYF	1207	SCHED	09/24/2021 12:23:15	10	96	308	127	065:04:00.60 N	096:11:31.19 W
Fall	C-GLYF	1207	SCHED	09/24/2021 12:25:25	11	97	251	154	065:01:54.00 N	096:05:23.39 W
Fall	C-GLYF	1207	SCHED	09/24/2021 12:27:35	12	1	138	131	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1207	ARRIVAL	09/24/2021 12:29:20	2	0	139	131	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1207	XML_FLIGHT_SUMMARY	09/24/2021 12:29:21	0	0	0	0		
Fall	C-GLYF	1207	SCHED	09/24/2021 12:31:27	13	0	139	252	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1208	POWER_ON	09/24/2021 15:04:17	NA	NA	NA	NA		
Fall	C-GLYF	1208	SCHED	09/24/2021 15:04:59	1	0	130	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1208	SCHED	09/24/2021 15:07:59	2	60	145	120	065:01:23.99 N	096:03:57.60 W
Fall	C-GLYF	1208	DEPARTURE	09/24/2021 15:08:07	1	58	184	84	065:01:20.99 N	096:03:37.80 W
Fall	C-GLYF	1208	SCHED	09/24/2021 15:10:19	3	135	284	305	065:04:20.40 N	096:11:58.80 W
Fall	C-GLYF	1208	SCHED	09/24/2021 15:12:26	4	16	151	102	065:06:13.79 N	096:17:46.80 W
Fall	C-GLYF	1208	ARRIVAL	09/24/2021 15:13:57	1	0	132	182	065:06:12.00 N	096:17:34.79 W
Fall	C-GLYF	1208	XML_FLIGHT_SUMMARY	09/24/2021 15:13:58	0	0	0	0		
Fall	C-GLYF	1208	SCHED	09/24/2021 15:17:02	5	0	132	182	065:06:12.00 N	096:17:34.79 W
Fall	C-GLYF	1208	SCHED	09/24/2021 15:19:15	6	3	153	344	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1209	DEPARTURE	09/24/2021 15:19:41	2	47	229	49	065:06:23.39 N	096:17:11.99 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:21:48	7	2	167	148	065:06:12.60 N	096:17:22.80 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:24:54	8	2	184	1	065:06:24.59 N	096:16:58.19 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:27:01	9	2	188	170	065:06:19.80 N	096:17:15.00 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:29:11	10	59	218	265	065:06:02.99 N	096:17:16.20 W
Fall	C-GLYF	1209	ARRIVAL	09/24/2021 15:31:09	2	0	135	114	065:06:12.60 N	096:17:23.40 W
Fall	C-GLYF	1209	DEPARTURE	09/24/2021 15:33:12	3	36	197	80	065:06:24.59 N	096:17:03.60 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:35:19	11	0	170	196	065:06:23.39 N	096:16:51.60 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:37:31	12	1	170	199	065:06:22.80 N	096:16:51.60 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:39:42	13	11	164	91	065:06:12.00 N	096:17:34.19 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:41:49	14	66	219	219	065:06:08.39 N	096:16:50.40 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:43:56	15	57	195	29	065:06:17.39 N	096:17:16.20 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:46:14	16	40	170	68	065:06:12.60 N	096:17:28.20 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:48:20	17	1	171	333	065:06:22.80 N	096:16:51.00 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:50:28	18	2	175	18	065:06:12.60 N	096:17:34.79 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:52:37	19	78	236	230	065:06:02.99 N	096:16:54.59 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:54:45	20	6	184	59	065:06:23.39 N	096:16:52.19 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:56:57	21	50	188	32	065:06:16.19 N	096:17:25.79 W
Fall	C-GLYF	1209	SCHED	09/24/2021 15:59:14	22	0	159	258	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1209	ARRIVAL	09/24/2021 15:59:32	3	0	159	258	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1209	XML_FLIGHT_SUMMARY	09/24/2021 15:59:33	0	0	0	0		
Fall	C-GLYF	1209	SCHED	09/24/2021 16:01:54	23	0	157	151	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1210	DEPARTURE	09/24/2021 16:03:01	4	64	256	168	065:06:09.59 N	096:16:37.19 W
Fall	C-GLYF	1210	SCHED	09/24/2021 16:05:11	24	64	295	128	065:04:29.39 N	096:13:00.59 W
Fall	C-GLYF	1210	SCHED	09/24/2021 16:07:20	25	62	268	125	065:03:11.40 N	096:08:38.99 W
Fall	C-GLYF	1210	SCHED	09/24/2021 16:09:30	26	64	245	127	065:01:37.19 N	096:04:46.19 W
Fall	C-GLYF	1210	ARRIVAL	09/24/2021 16:11:36	4	0	136	264	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1210	XML_FLIGHT_SUMMARY	09/24/2021 16:11:37	0	0	0	0		
Fall	C-GLYF	1210	SCHED	09/24/2021 16:11:47	27	0	136	264	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1210	SCHED	09/24/2021 16:13:59	28	0	135	320	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1210	SCHED	09/24/2021 16:16:05	29	0	141	85	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1210	SCHED	09/24/2021 16:18:18	30	40	168	34	065:01:25.79 N	096:04:10.79 W
Fall	C-GLYF	1211	DEPARTURE	09/24/2021 16:18:34	5	97	216	322	065:01:43.19 N	096:04:45.00 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:20:43	31	102	348	305	065:04:06.60 N	096:11:13.20 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:23:01	32	83	265	334	065:06:09.59 N	096:17:41.39 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:25:13	33	0	180	30	065:06:24.00 N	096:16:58.80 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:27:21	34	63	242	129	065:05:10.79 N	096:15:58.80 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:29:32	35	59	254	125	065:04:00.00 N	096:12:00.00 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:31:42	36	53	244	126	065:02:53.39 N	096:07:55.20 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:33:58	37	52	226	132	065:01:32.39 N	096:04:29.39 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:36:18	38	117	242	325	065:02:31.19 N	096:05:48.60 W
Fall	C-GLYF	1211	SCHED	09/24/2021 16:38:28	39	136	194	298	065:05:24.00 N	096:15:35.40 W
Fall	C-GLYF	1211	ARRIVAL	09/24/2021 16:40:29	5	0	134	94	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1211	XML_FLIGHT_SUMMARY	09/24/2021 16:40:30	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1211	SCHED	09/24/2021 16:41:48	40	43	154	28	065:06:17.39 N	096:17:25.79 W
Fall	C-GLYF	1212	DEPARTURE	09/24/2021 16:41:59	6	34	160	61	065:06:24.00 N	096:17:15.60 W
Fall	C-GLYF	1212	ARRIVAL	09/24/2021 16:43:26	6	0	152	117	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1212	SCHED	09/24/2021 16:45:52	41	0	149	117	065:06:23.39 N	096:16:59.40 W
Fall	C-GLYF	1212	POWER_ON	09/24/2021 17:10:36	NA	NA	NA	NA		
Fall	C-GLYF	1212	SCHED	09/24/2021 17:12:33	1	89	301	131	065:05:01.79 N	096:15:01.79 W
Fall	C-GLYF	1212	DEPARTURE	09/24/2021 17:12:44	1	92	165	169	065:06:02.99 N	096:16:46.19 W
Fall	C-GLYF	1212	SCHED	09/24/2021 17:16:54	2	0	134	113	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1212	SCHED	09/24/2021 17:17:09	3	0	134	113	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1212	ARRIVAL	09/24/2021 17:17:18	1	0	134	113	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1212	XML_FLIGHT_SUMMARY	09/24/2021 17:17:19	0	0	0	0		
Fall	C-GLYF	1212	SCHED	09/24/2021 17:19:29	4	0	135	113	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1213	POWER_ON	09/24/2021 23:31:38	NA	NA	NA	NA		
Fall	C-GLYF	1213	SCHED	09/24/2021 23:32:09	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:34:22	2	0	152	84	065:01:26.40 N	096:04:17.39 W
Fall	C-GLYF	1213	DEPARTURE	09/24/2021 23:36:40	1	94	235	311	065:01:45.00 N	096:04:25.20 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:38:54	3	96	249	305	065:04:41.39 N	096:13:22.80 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:41:02	4	2	185	84	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:43:08	5	4	188	9	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:45:15	6	57	261	130	065:04:56.40 N	096:14:34.20 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:47:31	7	61	269	126	065:03:42.60 N	096:10:43.20 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:49:39	8	59	263	131	065:02:29.39 N	096:06:12.00 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:51:49	9	22	202	333	065:01:22.79 N	096:04:30.00 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:54:00	10	0	143	223	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1213	ARRIVAL	09/24/2021 23:54:27	1	0	142	223	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1213	XML_FLIGHT_SUMMARY	09/24/2021 23:54:28	0	0	0	0		
Fall	C-GLYF	1213	SCHED	09/24/2021 23:56:35	11	0	141	223	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1213	SCHED	09/24/2021 23:58:44	12	0	142	281	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1213	SCHED	09/25/2021 00:00:57	13	43	152	20	065:01:25.79 N	096:04:10.20 W
Fall	C-GLYF	1214	DEPARTURE	09/25/2021 00:01:14	2	86	215	322	065:01:42.59 N	096:04:22.19 W
Fall	C-GLYF	1214	SCHED	09/25/2021 00:03:20	14	127	188	298	065:04:31.80 N	096:12:35.40 W
Fall	C-GLYF	1214	SCHED	09/25/2021 00:05:28	15	0	141	134	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1214	ARRIVAL	09/25/2021 00:06:50	2	0	143	134	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1214	XML_FLIGHT_SUMMARY	09/25/2021 00:06:51	0	0	0	0		
Fall	C-GLYF	1214	SCHED	09/25/2021 00:08:56	16	0	147	134	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1214	SCHED	09/25/2021 00:11:08	17	0	151	68	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1214	SCHED	09/25/2021 00:13:16	18	0	153	71	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1214	SCHED	09/25/2021 00:15:28	19	0	155	65	065:06:24.00 N	096:17:00.00 W
Fall	C-GLYF	1215	DEPARTURE	09/25/2021 00:16:46	3	90	172	158	065:06:09.59 N	096:16:25.20 W
Fall	C-GLYF	1215	ARRIVAL	09/25/2021 00:18:13	3	0	130	127	065:06:22.19 N	096:16:37.80 W
Fall	C-GLYF	1215	DEPARTURE	09/25/2021 00:19:37	4	98	170	183	065:06:01.79 N	096:16:23.99 W
Fall	C-GLYF	1215	SCHED	09/25/2021 00:21:46	20	105	181	124	065:03:31.80 N	096:10:45.60 W
Fall	C-GLYF	1215	SCHED	09/25/2021 00:24:07	21	46	173	132	065:01:31.79 N	096:04:29.39 W
Fall	C-GLYF	1215	ARRIVAL	09/25/2021 00:25:50	4	0	144	122	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1215	XML_FLIGHT_SUMMARY	09/25/2021 00:25:51	0	0	0	0		
Fall	C-GLYF	1215	SCHED	09/25/2021 00:27:57	22	1	145	122	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1216	POWER_ON	09/25/2021 11:58:42	NA	NA	NA	NA		
Fall	C-GLYF	1216	SCHED	09/25/2021 11:59:22	1	0	0	0	065:01:27.00 N	096:04:15.00 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:01:30	2	0	186	247	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:03:39	3	0	182	247	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:05:45	4	0	177	247	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:07:59	5	22	181	95	065:01:26.40 N	096:04:13.79 W
Fall	C-GLYF	1216	DEPARTURE	09/25/2021 12:08:15	1	59	219	121	065:01:19.20 N	096:03:40.80 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:10:30	6	128	196	308	065:04:01.79 N	096:10:40.20 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:12:39	7	6	154	141	065:06:24.00 N	096:17:01.19 W
Fall	C-GLYF	1216	ARRIVAL	09/25/2021 12:13:37	1	0	149	132	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1216	XML_FLIGHT_SUMMARY	09/25/2021 12:13:38	0	0	0	0		
Fall	C-GLYF	1216	SCHED	09/25/2021 12:15:47	8	0	149	112	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1216	SCHED	09/25/2021 12:17:54	9	0	154	112	065:06:24.00 N	096:17:00.00 W
Fall	C-GLYF	1217	DEPARTURE	09/25/2021 12:19:38	2	73	183	169	065:06:07.20 N	096:16:43.20 W
Fall	C-GLYF	1217	SCHED	09/25/2021 12:21:46	10	86	206	128	065:04:00.60 N	096:11:20.39 W
Fall	C-GLYF	1217	SCHED	09/25/2021 12:23:59	11	92	160	148	065:02:10.79 N	096:05:34.19 W
Fall	C-GLYF	1217	ARRIVAL	09/25/2021 12:25:41	2	0	137	84	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1217	XML_FLIGHT_SUMMARY	09/25/2021 12:25:42	0	0	0	0		
Fall	C-GLYF	1218	DEPARTURE	09/25/2021 12:27:07	3	72	239	31	065:01:23.99 N	096:03:40.80 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:29:16	12	96	235	275	065:03:01.19 N	096:10:37.20 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:31:26	13	101	189	329	065:05:27.00 N	096:15:53.39 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:33:33	14	0	168	243	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:35:59	15	51	192	139	065:05:22.19 N	096:15:52.80 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:38:19	16	44	235	119	065:04:09.59 N	096:12:06.60 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:40:27	17	57	252	120	065:03:01.19 N	096:08:10.80 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:42:33	18	44	210	152	065:01:46.19 N	096:05:11.40 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:44:41	19	102	233	308	065:02:14.40 N	096:05:48.00 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:46:54	20	23	185	196	065:01:50.39 N	096:09:28.19 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:49:04	21	96	231	326	065:04:00.00 N	096:13:51.59 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:51:13	22	9	187	129	065:06:25.20 N	096:16:58.80 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:53:22	23	0	152	146	065:06:22.19 N	096:16:37.80 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:55:34	24	61	205	146	065:05:48.60 N	096:16:32.39 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:57:42	25	53	217	124	065:04:31.80 N	096:12:38.40 W
Fall	C-GLYF	1218	SCHED	09/25/2021 12:59:48	26	54	219	152	065:02:55.19 N	096:10:19.79 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:01:55	27	73	205	224	065:01:37.19 N	096:09:46.79 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:04:01	28	90	229	327	065:04:06.60 N	096:14:16.19 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:06:12	29	16	159	153	065:06:22.80 N	096:16:39.00 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:08:19	30	49	209	153	065:05:39.00 N	096:16:27.00 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:10:30	31	45	223	143	065:04:22.79 N	096:14:03.00 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:12:44	32	57	252	142	065:02:57.60 N	096:11:22.19 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:14:52	33	47	198	205	065:01:46.19 N	096:09:32.39 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:17:07	34	95	242	330	065:03:58.80 N	096:14:01.19 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:19:13	35	3	181	156	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:23:09	36	52	231	137	065:03:52.19 N	096:13:29.39 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:25:16	37	55	219	144	065:02:30.59 N	096:10:33.60 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:27:26	38	88	255	35	065:02:13.80 N	096:10:15.60 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:29:34	39	62	285	150	065:02:11.99 N	096:05:38.39 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:31:47	40	0	148	210	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1218	ARRIVAL	09/25/2021 13:32:50	3	0	145	210	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1218	XML_FLIGHT_SUMMARY	09/25/2021 13:32:51	0	0	0	0		
Fall	C-GLYF	1218	SCHED	09/25/2021 13:34:57	41	0	140	210	065:01:25.20 N	096:04:14.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1218	SCHED	09/25/2021 13:37:07	42	0	137	281	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:39:17	43	0	139	128	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1218	SCHED	09/25/2021 13:41:35	44	0	138	128	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1219	POWER_ON	09/25/2021 15:33:31	NA	NA	NA	NA		
Fall	C-GLYF	1219	SCHED	09/25/2021 15:34:10	1	0	140	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1219	SCHED	09/25/2021 15:36:19	2	0	137	294	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1219	SCHED	09/25/2021 15:39:17	3	79	226	34	065:01:25.20 N	096:03:28.20 W
Fall	C-GLYF	1219	DEPARTURE	09/25/2021 15:39:24	1	53	196	82	065:01:21.60 N	096:03:40.20 W
Fall	C-GLYF	1219	SCHED	09/25/2021 15:41:31	4	141	253	308	065:04:45.60 N	096:13:43.20 W
Fall	C-GLYF	1219	SCHED	09/25/2021 15:43:41	5	0	147	127	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1219	ARRIVAL	09/25/2021 15:43:58	1	0	147	127	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1219	XML_FLIGHT_SUMMARY	09/25/2021 15:43:59	0	0	0	0		
Fall	C-GLYF	1219	SCHED	09/25/2021 15:47:24	6	0	150	127	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1219	SCHED	09/25/2021 15:49:41	7	0	150	127	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1220	DEPARTURE	09/25/2021 15:51:18	2	74	168	180	065:06:06.59 N	096:16:48.60 W
Fall	C-GLYF	1220	SCHED	09/25/2021 15:53:30	8	88	228	127	065:04:00.60 N	096:12:09.60 W
Fall	C-GLYF	1220	SCHED	09/25/2021 15:56:45	9	64	183	123	065:01:34.20 N	096:04:40.80 W
Fall	C-GLYF	1220	ARRIVAL	09/25/2021 15:57:25	2	0	141	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1220	XML_FLIGHT_SUMMARY	09/25/2021 15:57:26	0	0	0	0		
Fall	C-GLYF	1220	SCHED	09/25/2021 15:59:34	10	0	140	124	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1221	POWER_ON	09/25/2021 18:34:39	NA	NA	NA	NA		
Fall	C-GLYF	1221	SCHED	09/25/2021 18:35:31	1	0	148	0	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1221	SCHED	09/25/2021 18:37:47	2	0	141	274	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1221	SCHED	09/25/2021 18:39:57	3	0	141	75	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1221	SCHED	09/25/2021 18:42:04	4	0	140	79	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1221	DEPARTURE	09/25/2021 18:42:40	1	50	201	126	065:01:19.20 N	096:03:43.80 W
Fall	C-GLYF	1221	SCHED	09/25/2021 18:44:53	5	119	206	295	065:03:25.20 N	096:10:48.00 W
Fall	C-GLYF	1221	SCHED	09/25/2021 18:47:04	6	92	185	19	065:06:16.19 N	096:17:32.39 W
Fall	C-GLYF	1221	ARRIVAL	09/25/2021 18:48:35	1	0	143	125	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1221	XML_FLIGHT_SUMMARY	09/25/2021 18:48:36	0	0	0	0		
Fall	C-GLYF	1221	SCHED	09/25/2021 18:50:42	7	0	141	125	065:06:24.00 N	096:17:00.60 W
Fall	C-GLYF	1221	SCHED	09/25/2021 18:52:56	8	0	139	125	065:06:24.00 N	096:17:01.19 W
Fall	C-GLYF	1222	POWER_ON	09/25/2021 20:28:21	NA	NA	NA	NA		
Fall	C-GLYF	1222	SCHED	09/25/2021 20:29:41	1	0	145	58	065:06:24.00 N	096:16:59.40 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:31:51	2	0	162	129	065:06:24.00 N	096:16:57.60 W
Fall	C-GLYF	1222	DEPARTURE	09/25/2021 20:33:18	1	33	211	242	065:06:04.20 N	096:17:13.79 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:35:40	3	43	176	357	065:06:19.20 N	096:17:37.80 W
Fall	C-GLYF	1222	ARRIVAL	09/25/2021 20:37:28	1	0	145	156	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1222	DEPARTURE	09/25/2021 20:38:26	2	52	176	257	065:06:15.59 N	096:17:28.20 W
Fall	C-GLYF	1222	ARRIVAL	09/25/2021 20:39:52	2	0	125	161	065:06:11.40 N	096:17:37.80 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:42:07	4	35	163	242	065:06:24.00 N	096:18:00.60 W
Fall	C-GLYF	1222	DEPARTURE	09/25/2021 20:42:39	3	59	179	71	065:06:23.39 N	096:17:23.40 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:44:49	5	55	216	283	065:06:06.59 N	096:17:42.59 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:47:43	6	3	144	99	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:49:54	7	31	188	124	065:06:15.59 N	096:17:39.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:52:08	8	85	190	261	065:05:59.40 N	096:17:23.40 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:54:21	9	58	170	20	065:06:20.39 N	096:17:19.79 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:56:29	10	81	196	291	065:06:00.60 N	096:17:43.80 W
Fall	C-GLYF	1222	SCHED	09/25/2021 20:58:42	11	62	174	185	065:06:13.20 N	096:16:49.19 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:00:48	12	7	155	128	065:06:24.00 N	096:16:56.99 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:04:24	13	42	184	107	065:06:15.59 N	096:17:43.20 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:06:38	14	0	145	122	065:06:13.20 N	096:17:34.79 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:09:02	15	19	153	133	065:06:14.39 N	096:17:37.19 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:11:17	16	56	193	71	065:06:16.79 N	096:17:58.79 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:13:23	17	66	178	192	065:06:09.59 N	096:16:48.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:15:38	18	0	154	138	065:06:24.00 N	096:16:56.99 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:17:45	19	48	158	52	065:06:13.79 N	096:17:26.39 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:19:59	20	2	138	127	065:06:12.60 N	096:17:34.79 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:22:06	21	1	135	154	065:06:12.60 N	096:17:34.79 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:24:12	22	40	172	117	065:06:15.59 N	096:17:43.80 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:26:27	23	79	221	329	065:06:04.20 N	096:18:00.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:28:34	24	80	192	243	065:06:01.79 N	096:17:09.59 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:30:42	25	35	172	142	065:06:22.19 N	096:16:55.20 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:32:58	26	11	160	128	065:06:23.39 N	096:16:56.99 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:35:11	27	0	159	170	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:38:22	28	63	184	40	065:06:34.79 N	096:17:08.99 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:40:28	29	0	141	146	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:42:35	30	67	202	275	065:06:01.20 N	096:17:32.39 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:44:45	31	1	161	114	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:46:51	32	62	186	28	065:06:24.00 N	096:17:21.59 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:48:59	33	50	211	128	065:05:27.59 N	096:15:43.80 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:51:13	34	51	269	128	065:04:17.39 N	096:12:18.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:53:22	35	53	262	127	065:03:06.60 N	096:08:22.19 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:55:30	36	47	254	158	065:01:55.19 N	096:05:21.59 W
Fall	C-GLYF	1222	SCHED	09/25/2021 21:57:40	37	0	138	358	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1222	ARRIVAL	09/25/2021 21:58:13	3	0	138	358	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1222	XML_FLIGHT_SUMMARY	09/25/2021 21:58:14	0	0	0	0		
Fall	C-GLYF	1222	SCHED	09/25/2021 22:02:02	38	0	137	170	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 22:04:11	39	0	140	218	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 22:06:19	40	0	142	202	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1222	SCHED	09/25/2021 22:08:28	41	0	143	202	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1222	SCHED	09/25/2021 22:10:47	42	0	143	202	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1223	DEPARTURE	09/25/2021 22:11:29	4	45	207	86	065:01:22.20 N	096:03:40.80 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:13:40	43	105	300	284	065:02:57.60 N	096:10:20.39 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:15:48	44	110	274	324	065:05:39.60 N	096:16:22.19 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:17:55	45	88	208	276	065:05:59.40 N	096:17:37.19 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:20:52	46	90	217	288	065:05:59.99 N	096:17:49.79 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:23:03	47	58	182	184	065:06:12.00 N	096:16:46.19 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:25:12	48	30	169	121	065:06:24.00 N	096:16:54.59 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:27:22	49	3	163	279	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:29:29	50	1	149	144	065:06:12.60 N	096:17:36.00 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:31:38	51	22	164	129	065:06:13.79 N	096:17:38.39 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:33:49	52	26	262	300	065:06:13.79 N	096:17:19.20 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:35:58	53	7	148	126	065:06:21.59 N	096:16:42.60 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:38:08	54	4	171	347	065:06:15.59 N	096:17:24.59 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:40:15	55	1	152	133	065:06:16.19 N	096:17:24.59 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:42:28	56	0	145	268	065:06:19.20 N	096:17:24.00 W
Fall	C-GLYF	1223	ARRIVAL	09/25/2021 22:42:55	4	0	144	268	065:06:19.20 N	096:17:24.00 W
Fall	C-GLYF	1223	XML_FLIGHT_SUMMARY	09/25/2021 22:42:56	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1223	SCHED	09/25/2021 22:45:01	57	0	141	268	065:06:19.20 N	096:17:24.00 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:47:30	58	1	158	319	065:06:19.80 N	096:17:25.20 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:49:36	59	6	160	313	065:06:22.80 N	096:17:31.79 W
Fall	C-GLYF	1223	SCHED	09/25/2021 22:51:51	60	3	151	180	065:06:13.20 N	096:17:28.79 W
Fall	C-GLYF	1224	DEPARTURE	09/25/2021 22:53:57	5	48	183	77	065:06:23.39 N	096:16:51.60 W
Fall	C-GLYF	1224	SCHED	09/25/2021 22:56:19	61	50	203	220	065:06:32.39 N	096:17:25.79 W
Fall	C-GLYF	1224	SCHED	09/25/2021 22:58:27	62	69	194	214	065:06:34.79 N	096:17:22.19 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:00:34	63	49	159	94	065:06:18.59 N	096:16:25.20 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:02:42	64	1	141	127	065:06:22.19 N	096:16:37.80 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:05:49	65	76	184	359	065:06:25.80 N	096:16:11.99 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:07:57	66	74	188	226	065:06:05.40 N	096:16:47.39 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:10:08	67	41	173	176	065:06:12.00 N	096:17:18.59 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:12:28	68	32	150	107	065:06:19.20 N	096:17:02.39 W
Fall	C-GLYF	1224	ARRIVAL	09/25/2021 23:14:19	5	0	137	165	065:06:12.00 N	096:17:38.39 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:16:27	69	1	160	122	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:18:37	70	0	138	117	065:06:12.00 N	096:17:38.39 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:20:50	71	0	135	117	065:06:12.00 N	096:17:38.39 W
Fall	C-GLYF	1224	DEPARTURE	09/25/2021 23:21:30	6	73	196	357	065:06:18.00 N	096:17:04.79 W
Fall	C-GLYF	1224	ARRIVAL	09/25/2021 23:22:49	6	0	145	161	065:06:18.59 N	096:17:24.00 W
Fall	C-GLYF	1224	DEPARTURE	09/25/2021 23:23:25	7	87	156	148	065:06:13.20 N	096:16:40.80 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:25:33	72	91	187	130	065:03:41.99 N	096:10:36.59 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:27:40	73	79	180	131	065:01:40.20 N	096:04:50.99 W
Fall	C-GLYF	1224	ARRIVAL	09/25/2021 23:29:04	7	0	141	221	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1224	XML_FLIGHT_SUMMARY	09/25/2021 23:29:05	0	0	0	0		
Fall	C-GLYF	1224	SCHED	09/25/2021 23:31:11	74	0	142	221	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:34:10	75	0	146	134	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:36:21	76	0	145	134	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1224	SCHED	09/25/2021 23:38:27	77	0	145	134	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1225	POWER_ON	09/25/2021 23:59:07	NA	NA	NA	NA		
Fall	C-GLYF	1225	SCHED	09/25/2021 23:59:47	1	0	140	0	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1225	SCHED	09/26/2021 00:01:55	2	61	190	121	065:01:20.99 N	096:03:41.99 W
Fall	C-GLYF	1225	DEPARTURE	09/26/2021 00:02:05	1	57	202	113	065:01:20.40 N	096:03:37.80 W
Fall	C-GLYF	1225	SCHED	09/26/2021 00:04:16	3	129	237	310	065:03:50.39 N	096:12:03.59 W
Fall	C-GLYF	1225	SCHED	09/26/2021 00:06:24	4	30	158	94	065:06:10.79 N	096:17:47.39 W
Fall	C-GLYF	1225	ARRIVAL	09/26/2021 00:07:42	1	0	139	118	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1225	XML_FLIGHT_SUMMARY	09/26/2021 00:07:43	0	0	0	0		
Fall	C-GLYF	1225	SCHED	09/26/2021 00:09:52	5	0	138	118	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1225	SCHED	09/26/2021 00:12:04	6	0	137	118	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1226	DEPARTURE	09/26/2021 00:12:37	2	74	160	154	065:05:57.60 N	096:17:10.80 W
Fall	C-GLYF	1226	SCHED	09/26/2021 00:14:45	7	98	228	120	065:03:31.19 N	096:11:22.19 W
Fall	C-GLYF	1226	SCHED	09/26/2021 00:16:55	8	79	171	135	065:01:37.80 N	096:04:52.80 W
Fall	C-GLYF	1226	ARRIVAL	09/26/2021 00:18:24	2	0	141	118	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1226	XML_FLIGHT_SUMMARY	09/26/2021 00:18:25	0	0	0	0		
Fall	C-GLYF	1226	SCHED	09/26/2021 00:20:32	9	0	141	118	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1226	SCHED	09/26/2021 00:22:47	10	0	135	97	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1227	POWER_ON	09/26/2021 11:48:06	NA	NA	NA	NA		
Fall	C-GLYF	1227	SCHED	09/26/2021 11:48:43	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:03:29	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:05:40	2	0	130	87	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:07:50	3	65	143	126	065:01:22.20 N	096:03:51.60 W
Fall	C-GLYF	1227	DEPARTURE	09/26/2021 12:07:58	1	68	177	92	065:01:19.20 N	096:03:34.79 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:10:07	4	130	276	313	065:03:50.39 N	096:11:13.20 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:12:18	5	6	132	112	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1227	ARRIVAL	09/26/2021 12:13:10	1	0	128	89	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1227	XML_FLIGHT_SUMMARY	09/26/2021 12:13:11	0	0	0	0		
Fall	C-GLYF	1227	SCHED	09/26/2021 12:15:17	6	0	127	89	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:17:24	7	0	124	89	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:19:31	8	0	125	44	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1227	SCHED	09/26/2021 12:21:38	9	0	126	44	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1228	DEPARTURE	09/26/2021 12:22:16	2	82	148	104	065:06:18.00 N	096:16:53.39 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:24:22	10	102	228	126	065:03:40.20 N	096:10:36.59 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:26:30	11	56	166	127	065:01:31.79 N	096:04:31.20 W
Fall	C-GLYF	1228	ARRIVAL	09/26/2021 12:28:35	2	0	137	136	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	XML_FLIGHT_SUMMARY	09/26/2021 12:28:36	0	0	0	0		
Fall	C-GLYF	1228	SCHED	09/26/2021 12:28:43	12	0	137	136	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:30:55	13	0	138	136	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:33:03	14	0	141	342	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:35:08	15	0	143	342	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:37:15	16	0	143	342	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:39:22	17	0	143	342	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:41:33	18	0	143	342	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:43:40	19	0	143	342	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1228	SCHED	09/26/2021 12:45:46	20	0	143	342	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1229	POWER_ON	09/26/2021 16:22:29	NA	NA	NA	NA		
Fall	C-GLYF	1229	SCHED	09/26/2021 16:24:56	1	0	155	62	065:01:27.00 N	096:04:15.00 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:25:14	2	0	138	62	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:28:10	3	0	135	62	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:30:18	4	0	136	62	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:32:33	5	0	136	62	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:34:47	6	0	137	147	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1229	DEPARTURE	09/26/2021 16:36:41	1	78	175	165	065:01:11.40 N	096:04:30.59 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:38:50	7	100	326	173	064:57:52.80 N	096:05:19.19 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:40:57	8	104	292	199	064:54:15.59 N	096:06:41.40 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:43:56	9	105	293	197	064:49:51.60 N	096:09:38.99 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:46:05	10	101	250	188	064:45:37.79 N	096:11:25.20 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:48:11	11	104	243	197	064:42:03.59 N	096:13:18.00 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:50:18	12	61	150	189	064:39:03.59 N	096:15:20.40 W
Fall	C-GLYF	1229	SCHED	09/26/2021 16:53:35	13	0	123	177	064:38:33.60 N	096:15:34.79 W
Fall	C-GLYF	1229	ARRIVAL	09/26/2021 16:53:42	1	0	123	177	064:38:33.60 N	096:15:34.79 W
Fall	C-GLYF	1229	XML_FLIGHT_SUMMARY	09/26/2021 16:53:43	0	0	0	0		
Fall	C-GLYF	1229	SCHED	09/26/2021 16:55:50	14	0	123	177	064:38:33.60 N	096:15:34.79 W
Fall	C-GLYF	1230	POWER_ON	09/26/2021 20:03:16	NA	NA	NA	NA		
Fall	C-GLYF	1230	SCHED	09/26/2021 20:03:59	1	0	119	127	064:38:33.60 N	096:15:34.19 W
Fall	C-GLYF	1230	DEPARTURE	09/26/2021 20:04:57	1	51	164	47	064:38:44.99 N	096:15:41.39 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:07:06	2	104	391	15	064:42:04.80 N	096:13:21.60 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:09:14	3	108	344	15	064:45:54.00 N	096:11:10.20 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:12:35	4	107	357	15	064:50:36.60 N	096:08:46.79 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:14:44	5	113	294	6	064:55:45.59 N	096:06:36.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1230	SCHED	09/26/2021 20:16:53	6	105	251	11	064:59:37.79 N	096:05:33.00 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:19:01	7	0	132	222	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	ARRIVAL	09/26/2021 20:19:26	1	0	132	222	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	XML_FLIGHT_SUMMARY	09/26/2021 20:19:27	0	0	0	0		
Fall	C-GLYF	1230	SCHED	09/26/2021 20:21:38	8	0	131	222	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:23:46	9	0	131	193	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:25:57	10	0	130	126	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:28:04	11	0	130	126	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:30:11	12	0	130	126	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1230	SCHED	09/26/2021 20:32:27	13	0	131	167	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1231	DEPARTURE	09/26/2021 20:33:19	2	99	142	301	065:01:40.20 N	096:04:55.20 W
Fall	C-GLYF	1231	SCHED	09/26/2021 20:35:27	14	13	144	19	065:01:50.39 N	096:09:31.79 W
Fall	C-GLYF	1231	ARRIVAL	09/26/2021 20:36:23	2	0	135	76	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1231	DEPARTURE	09/26/2021 20:37:17	3	83	169	292	065:01:55.19 N	096:10:16.19 W
Fall	C-GLYF	1231	SCHED	09/26/2021 20:39:23	15	124	257	330	065:05:04.20 N	096:16:10.20 W
Fall	C-GLYF	1231	SCHED	09/26/2021 20:41:38	16	3	129	3	065:06:14.39 N	096:17:29.39 W
Fall	C-GLYF	1231	SCHED	09/26/2021 20:43:46	17	0	121	104	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1231	ARRIVAL	09/26/2021 20:44:35	3	0	121	104	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1231	XML_FLIGHT_SUMMARY	09/26/2021 20:44:36	0	0	0	0		
Fall	C-GLYF	1231	SCHED	09/26/2021 20:47:41	18	0	119	0	065:06:11.40 N	096:17:36.59 W
Fall	C-GLYF	1232	DEPARTURE	09/26/2021 20:48:44	4	46	156	41	065:06:22.80 N	096:17:10.80 W
Fall	C-GLYF	1232	ARRIVAL	09/26/2021 20:49:52	4	0	136	120	065:06:23.39 N	096:17:00.00 W
Fall	C-GLYF	1232	DEPARTURE	09/26/2021 20:51:03	5	87	164	216	065:06:05.40 N	096:16:52.19 W
Fall	C-GLYF	1232	SCHED	09/26/2021 20:54:04	19	1	174	356	065:06:24.00 N	096:16:58.19 W
Fall	C-GLYF	1232	SCHED	09/26/2021 20:56:19	20	54	208	9	065:06:18.59 N	096:17:09.59 W
Fall	C-GLYF	1232	SCHED	09/26/2021 20:58:36	21	2	174	141	065:06:24.00 N	096:16:56.99 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:00:45	22	0	166	119	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:02:56	23	19	192	223	065:06:15.00 N	096:17:27.60 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:05:04	24	0	174	138	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:07:11	25	0	175	139	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:09:17	26	95	311	129	065:05:13.79 N	096:15:29.39 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:11:24	27	92	386	127	065:03:21.00 N	096:09:19.79 W
Fall	C-GLYF	1232	SCHED	09/26/2021 21:13:34	28	39	214	133	065:01:30.59 N	096:04:24.00 W
Fall	C-GLYF	1232	ARRIVAL	09/26/2021 21:15:21	5	0	141	120	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1232	XML_FLIGHT_SUMMARY	09/26/2021 21:15:22	0	0	0	0		
Fall	C-GLYF	1232	SCHED	09/26/2021 21:17:29	29	0	141	120	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1233	POWER_ON	09/26/2021 22:22:45	NA	NA	NA	NA		
Fall	C-GLYF	1233	SCHED	09/26/2021 22:23:26	1	65	236	68	065:01:20.40 N	096:03:33.59 W
Fall	C-GLYF	1233	DEPARTURE	09/26/2021 22:23:35	1	66	228	79	065:01:19.79 N	096:03:36.00 W
Fall	C-GLYF	1233	SCHED	09/26/2021 22:25:44	2	119	268	308	065:04:05.40 N	096:11:41.40 W
Fall	C-GLYF	1233	SCHED	09/26/2021 22:27:54	3	3	136	117	065:06:11.40 N	096:17:37.19 W
Fall	C-GLYF	1233	SCHED	09/26/2021 22:31:06	4	94	170	134	065:04:50.99 N	096:15:36.59 W
Fall	C-GLYF	1233	SCHED	09/26/2021 22:33:13	5	111	262	133	065:02:22.79 N	096:06:16.20 W
Fall	C-GLYF	1233	ARRIVAL	09/26/2021 22:35:15	1	0	128	105	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1233	XML_FLIGHT_SUMMARY	09/26/2021 22:35:16	0	0	0	0		
Fall	C-GLYF	1233	SCHED	09/26/2021 22:35:24	6	0	128	105	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1233	SCHED	09/26/2021 22:37:33	7	0	127	105	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1234	POWER_ON	09/26/2021 22:59:14	NA	NA	NA	NA		
Fall	C-GLYF	1234	SCHED	09/26/2021 22:59:52	1	0	138	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:02:10	2	60	155	7	065:01:34.20 N	096:04:11.99 W
Fall	C-GLYF	1234	DEPARTURE	09/26/2021 23:02:19	1	86	178	312	065:01:45.00 N	096:04:23.40 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:04:30	3	0	140	69	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:06:42	4	107	180	151	065:01:48.60 N	096:05:10.20 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:08:55	5	92	238	316	065:02:00.60 N	096:04:53.99 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:11:02	6	101	279	314	065:04:11.99 N	096:11:31.19 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:13:16	7	45	204	17	065:06:12.00 N	096:17:48.60 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:15:27	8	49	219	146	065:06:07.20 N	096:17:28.20 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:18:19	9	64	346	121	065:04:16.20 N	096:12:25.80 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:20:26	10	64	300	126	065:02:49.79 N	096:07:23.39 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:22:33	11	5	190	127	065:01:20.40 N	096:04:28.80 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:24:42	12	0	141	210	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1234	SCHED	09/26/2021 23:26:54	13	0	142	210	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1234	XML_OVERDUE_REPORT	09/26/2021 23:34:07	0	0	0	0		
Fall	C-GLYF	1234	XML_FLIGHT_SUMMARY	09/27/2021 00:02:15	0	0	0	0		
Fall	C-GLYF	1235	POWER_ON	09/27/2021 00:02:14	NA	NA	NA	NA		
Fall	C-GLYF	1235	SCHED	09/27/2021 00:02:56	1	0	158	0	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1235	DEPARTURE	09/27/2021 00:03:28	1	90	164	305	065:01:38.39 N	096:04:47.40 W
Fall	C-GLYF	1235	SCHED	09/27/2021 00:05:34	2	123	274	275	065:03:40.20 N	096:12:18.00 W
Fall	C-GLYF	1235	SCHED	09/27/2021 00:07:41	3	32	149	93	065:06:13.79 N	096:17:43.20 W
Fall	C-GLYF	1235	ARRIVAL	09/27/2021 00:08:50	1	0	133	83	065:06:11.40 N	096:17:36.59 W
Fall	C-GLYF	1235	XML_FLIGHT_SUMMARY	09/27/2021 00:08:51	0	0	0	0		
Fall	C-GLYF	1235	SCHED	09/27/2021 00:11:11	4	0	136	83	065:06:11.40 N	096:17:36.59 W
Fall	C-GLYF	1235	SCHED	09/27/2021 00:13:17	5	0	136	83	065:06:11.40 N	096:17:36.59 W
Fall	C-GLYF	1235	SCHED	09/27/2021 00:15:27	6	0	136	83	065:06:11.40 N	096:17:36.59 W
Fall	C-GLYF	1236	DEPARTURE	09/27/2021 00:17:29	2	91	179	148	065:05:53.99 N	096:17:05.40 W
Fall	C-GLYF	1236	SCHED	09/27/2021 00:19:40	7	111	341	127	065:03:31.19 N	096:09:39.59 W
Fall	C-GLYF	1236	SCHED	09/27/2021 00:21:52	8	0	143	131	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1236	ARRIVAL	09/27/2021 00:23:06	2	0	144	131	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1236	XML_FLIGHT_SUMMARY	09/27/2021 00:23:07	0	0	0	0		
Fall	C-GLYF	1237	POWER_ON	09/27/2021 12:06:27	NA	NA	NA	NA		
Fall	C-GLYF	1237	SCHED	09/27/2021 12:07:06	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1237	DEPARTURE	09/27/2021 12:07:36	1	87	0	328	065:01:41.39 N	096:04:10.20 W
Fall	C-GLYF	1237	SCHED	09/27/2021 12:09:47	2	83	179	326	065:03:59.40 N	096:10:58.80 W
Fall	C-GLYF	1237	SCHED	09/27/2021 12:11:54	3	45	245	309	065:05:13.20 N	096:14:55.20 W
Fall	C-GLYF	1237	SCHED	09/27/2021 12:14:01	4	18	178	343	065:06:10.20 N	096:16:46.19 W
Fall	C-GLYF	1237	SCHED	09/27/2021 12:16:07	5	0	153	148	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1237	ARRIVAL	09/27/2021 12:16:27	1	0	152	148	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1237	XML_FLIGHT_SUMMARY	09/27/2021 12:16:28	0	0	0	0		
Fall	C-GLYF	1237	SCHED	09/27/2021 12:18:38	6	0	150	148	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1238	DEPARTURE	09/27/2021 12:20:19	2	34	141	165	065:05:48.60 N	096:17:11.40 W
Fall	C-GLYF	1238	SCHED	09/27/2021 12:22:25	7	44	135	161	065:04:56.40 N	096:15:37.79 W
Fall	C-GLYF	1238	SCHED	09/27/2021 12:24:32	8	50	150	134	065:04:08.99 N	096:12:57.60 W
Fall	C-GLYF	1238	SCHED	09/27/2021 12:26:39	9	68	177	107	065:03:21.59 N	096:08:34.19 W
Fall	C-GLYF	1238	SCHED	09/27/2021 12:28:47	10	77	168	161	065:01:51.60 N	096:05:05.99 W
Fall	C-GLYF	1238	ARRIVAL	09/27/2021 12:30:19	2	0	140	120	065:01:26.40 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1238	XML_FLIGHT_SUMMARY	09/27/2021 12:30:20	0	0	0	0		
Fall	C-GLYF	1238	SCHED	09/27/2021 12:32:26	11	0	142	120	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1238	SCHED	09/27/2021 12:34:34	12	0	147	330	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	POWER_ON	09/27/2021 16:55:39	NA	NA	NA	NA		
Fall	C-GLYF	1239	POWER_ON	09/27/2021 17:41:13	NA	NA	NA	NA		
Fall	C-GLYF	1239	SCHED	09/27/2021 17:41:53	1	0	142	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 17:44:06	2	0	145	162	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 17:46:13	3	0	145	162	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 17:48:22	4	0	145	13	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	POWER_ON	09/27/2021 18:15:52	NA	NA	NA	NA		
Fall	C-GLYF	1239	SCHED	09/27/2021 18:16:29	1	0	134	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	POWER_ON	09/27/2021 18:49:52	NA	NA	NA	NA		
Fall	C-GLYF	1239	SCHED	09/27/2021 18:50:29	1	0	135	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 18:52:40	2	14	179	184	065:01:20.99 N	096:04:28.80 W
Fall	C-GLYF	1239	SCHED	09/27/2021 18:54:57	3	15	186	222	065:01:19.79 N	096:04:30.59 W
Fall	C-GLYF	1239	DEPARTURE	09/27/2021 18:55:14	1	61	227	349	065:01:36.00 N	096:04:41.99 W
Fall	C-GLYF	1239	SCHED	09/27/2021 18:57:21	4	65	282	281	065:02:56.40 N	096:08:41.99 W
Fall	C-GLYF	1239	SCHED	09/27/2021 18:59:42	5	65	242	315	065:04:00.60 N	096:13:11.99 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:01:58	6	62	223	323	065:05:55.20 N	096:17:10.20 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:04:12	7	1	163	125	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:06:19	8	51	259	133	065:06:07.20 N	096:18:01.19 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:08:28	9	62	273	128	065:04:54.60 N	096:14:28.20 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:10:35	10	65	287	126	065:03:33.59 N	096:10:18.60 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:12:50	11	56	260	134	065:02:21.59 N	096:06:10.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:14:57	12	13	176	347	065:01:20.40 N	096:04:28.80 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:17:05	13	80	251	189	065:02:12.60 N	096:09:00.00 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:19:19	14	79	259	330	065:02:33.00 N	096:10:42.60 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:21:35	15	81	282	316	065:04:58.20 N	096:15:11.40 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:23:55	16	33	190	98	065:06:26.39 N	096:17:28.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:26:10	17	81	288	136	065:03:53.99 N	096:13:34.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:29:11	18	1	178	64	065:01:51.60 N	096:09:26.99 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:31:20	19	82	287	321	065:03:58.19 N	096:13:20.40 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:33:27	20	30	219	338	065:06:10.20 N	096:17:37.19 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:35:34	21	86	290	143	065:05:02.39 N	096:15:55.20 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:37:42	22	87	272	142	065:02:38.39 N	096:11:07.80 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:39:52	23	91	245	66	065:02:37.19 N	096:08:16.80 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:42:01	24	3	137	204	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	ARRIVAL	09/27/2021 19:42:55	1	0	131	125	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	XML_FLIGHT_SUMMARY	09/27/2021 19:42:56	0	0	0	0		
Fall	C-GLYF	1239	SCHED	09/27/2021 19:45:01	25	0	133	335	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:47:13	26	0	133	335	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1239	SCHED	09/27/2021 19:49:20	27	1	133	325	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1240	POWER_ON	09/27/2021 20:39:35	NA	NA	NA	NA		
Fall	C-GLYF	1240	SCHED	09/27/2021 20:40:09	1	21	146	291	065:01:27.00 N	096:04:19.79 W
Fall	C-GLYF	1240	DEPARTURE	09/27/2021 20:40:23	1	82	152	322	065:01:39.59 N	096:04:59.39 W
Fall	C-GLYF	1240	SCHED	09/27/2021 20:42:32	2	99	346	301	065:04:01.19 N	096:10:26.99 W
Fall	C-GLYF	1240	SCHED	09/27/2021 20:44:56	3	72	213	302	065:06:01.20 N	096:17:40.20 W
Fall	C-GLYF	1240	ARRIVAL	09/27/2021 20:45:58	1	0	131	148	065:06:11.40 N	096:17:37.80 W
Fall	C-GLYF	1240	XML_FLIGHT_SUMMARY	09/27/2021 20:45:59	0	0	0	0		
Fall	C-GLYF	1240	SCHED	09/27/2021 20:48:08	4	0	130	148	065:06:11.40 N	096:17:37.80 W
Fall	C-GLYF	1240	SCHED	09/27/2021 20:50:16	5	0	130	148	065:06:11.40 N	096:17:37.80 W
Fall	C-GLYF	1241	POWER_ON	09/27/2021 21:09:30	NA	NA	NA	NA		
Fall	C-GLYF	1241	POWER_ON	09/27/2021 21:13:56	NA	NA	NA	NA		
Fall	C-GLYF	1241	SCHED	09/27/2021 21:14:33	1	0	132	44	065:06:11.40 N	096:17:37.80 W
Fall	C-GLYF	1241	DEPARTURE	09/27/2021 21:15:10	1	81	164	86	065:06:18.59 N	096:16:51.60 W
Fall	C-GLYF	1241	SCHED	09/27/2021 21:18:17	2	108	286	127	065:03:16.79 N	096:08:49.20 W
Fall	C-GLYF	1241	SCHED	09/27/2021 21:20:31	3	0	137	198	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1241	ARRIVAL	09/27/2021 21:20:57	1	0	137	198	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1241	XML_FLIGHT_SUMMARY	09/27/2021 21:20:58	0	0	0	0		
Fall	C-GLYF	1241	SCHED	09/27/2021 21:23:05	4	0	138	198	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1241	SCHED	09/27/2021 21:25:12	5	0	137	198	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1242	POWER_ON	09/27/2021 23:59:58	NA	NA	NA	NA		
Fall	C-GLYF	1242	SCHED	09/28/2021 00:00:36	1	0	154	158	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1242	DEPARTURE	09/28/2021 00:03:23	1	75	170	308	065:01:37.19 N	096:04:40.80 W
Fall	C-GLYF	1242	SCHED	09/28/2021 00:05:35	2	106	209	302	065:04:33.59 N	096:13:17.39 W
Fall	C-GLYF	1242	SCHED	09/28/2021 00:07:43	3	0	191	78	065:06:13.20 N	096:17:40.20 W
Fall	C-GLYF	1242	SCHED	09/28/2021 00:09:56	4	0	190	78	065:06:13.20 N	096:17:40.20 W
Fall	C-GLYF	1242	ARRIVAL	09/28/2021 00:11:03	1	0	190	78	065:06:12.60 N	096:17:39.59 W
Fall	C-GLYF	1242	XML_FLIGHT_SUMMARY	09/28/2021 00:11:04	0	0	0	0		
Fall	C-GLYF	1242	SCHED	09/28/2021 00:13:19	5	23	170	99	065:06:12.00 N	096:17:35.40 W
Fall	C-GLYF	1243	DEPARTURE	09/28/2021 00:13:35	2	70	189	132	065:06:09.00 N	096:16:54.59 W
Fall	C-GLYF	1243	SCHED	09/28/2021 00:17:23	6	91	209	117	065:02:36.00 N	096:06:49.79 W
Fall	C-GLYF	1243	SCHED	09/28/2021 00:19:30	7	0	145	125	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1243	ARRIVAL	09/28/2021 00:19:48	2	0	145	125	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1243	XML_FLIGHT_SUMMARY	09/28/2021 00:19:49	0	0	0	0		
Fall	C-GLYF	1243	SCHED	09/28/2021 00:21:54	8	0	144	125	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1244	POWER_ON	09/28/2021 12:04:25	NA	NA	NA	NA		
Fall	C-GLYF	1244	SCHED	09/28/2021 12:05:01	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:07:09	2	0	0	65	065:01:27.00 N	096:04:15.00 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:09:16	3	0	0	0	065:01:27.00 N	096:04:14.39 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:12:28	4	0	0	0	065:01:27.00 N	096:04:14.39 W
Fall	C-GLYF	1244	DEPARTURE	09/28/2021 12:12:36	1	95	0	319	065:03:53.99 N	096:11:10.80 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:14:44	5	0	137	118	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:16:50	6	0	139	118	065:06:12.00 N	096:17:38.39 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:18:55	7	0	139	118	065:06:12.00 N	096:17:37.80 W
Fall	C-GLYF	1244	ARRIVAL	09/28/2021 12:19:12	1	0	137	118	065:06:12.00 N	096:17:37.80 W
Fall	C-GLYF	1244	XML_FLIGHT_SUMMARY	09/28/2021 12:19:13	0	0	0	0		
Fall	C-GLYF	1244	SCHED	09/28/2021 12:21:24	8	0	134	249	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1244	SCHED	09/28/2021 12:23:30	9	0	135	249	065:06:12.00 N	096:17:37.19 W
Fall	C-GLYF	1245	DEPARTURE	09/28/2021 12:24:20	2	68	167	70	065:06:10.79 N	096:16:55.20 W
Fall	C-GLYF	1245	SCHED	09/28/2021 12:26:28	10	107	159	131	065:04:10.79 N	096:12:23.40 W
Fall	C-GLYF	1245	SCHED	09/28/2021 12:28:52	11	107	176	163	065:02:11.99 N	096:05:34.19 W
Fall	C-GLYF	1245	ARRIVAL	09/28/2021 12:30:19	2	0	134	127	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1245	XML_FLIGHT_SUMMARY	09/28/2021 12:30:20	0	0	0	0		
Fall	C-GLYF	1245	SCHED	09/28/2021 12:32:26	12	0	136	127	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1245	SCHED	09/28/2021 12:34:33	13	0	141	161	065:01:26.40 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1246	POWER_ON	09/28/2021 18:51:34	NA	NA	NA	NA		
Fall	C-GLYF	1246	SCHED	09/28/2021 18:52:13	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1246	SCHED	09/28/2021 18:54:21	2	0	153	27	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1246	DEPARTURE	09/28/2021 18:56:27	1	60	199	49	065:01:22.20 N	096:03:37.80 W
Fall	C-GLYF	1246	SCHED	09/28/2021 18:58:34	3	0	160	91	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1246	ARRIVAL	09/28/2021 18:58:40	1	0	160	91	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1246	XML_FLIGHT_SUMMARY	09/28/2021 18:58:41	0	0	0	0		
Fall	C-GLYF	1247	DEPARTURE	09/28/2021 18:59:16	2	92	181	326	065:02:05.99 N	096:09:21.00 W
Fall	C-GLYF	1247	SCHED	09/28/2021 19:01:25	4	119	181	334	065:05:25.80 N	096:15:55.80 W
Fall	C-GLYF	1247	SCHED	09/28/2021 19:03:36	5	0	130	89	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1247	ARRIVAL	09/28/2021 19:03:44	2	0	130	89	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1247	XML_FLIGHT_SUMMARY	09/28/2021 19:03:45	0	0	0	0		
Fall	C-GLYF	1247	SCHED	09/28/2021 19:05:52	6	0	131	89	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1248	POWER_ON	09/28/2021 19:18:28	NA	NA	NA	NA		
Fall	C-GLYF	1248	SCHED	09/28/2021 19:19:08	1	0	133	0	065:06:12.00 N	096:17:36.00 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:21:15	2	0	132	187	065:06:12.00 N	096:17:36.00 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:23:26	3	1	168	40	065:06:12.60 N	096:17:34.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:25:36	4	8	187	235	065:06:14.39 N	096:17:32.39 W
Fall	C-GLYF	1248	DEPARTURE	09/28/2021 19:27:12	1	70	224	224	065:06:20.39 N	096:17:59.40 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:29:22	5	0	177	78	065:06:14.39 N	096:17:28.20 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:31:32	6	2	174	51	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:33:40	7	2	178	50	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:35:48	8	10	178	57	065:06:13.20 N	096:17:32.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:37:55	9	6	171	245	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:40:05	10	0	170	118	065:06:14.39 N	096:17:28.20 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:42:18	11	3	168	252	065:06:14.39 N	096:17:28.20 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:44:26	12	2	165	92	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:47:22	13	2	170	77	065:06:14.39 N	096:17:28.20 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:49:31	14	15	168	60	065:06:13.20 N	096:17:30.00 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:51:39	15	0	165	249	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:54:00	16	14	178	244	065:06:13.79 N	096:17:30.60 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:56:07	17	8	169	263	065:06:13.79 N	096:17:29.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 19:58:22	18	3	169	117	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:00:35	19	4	177	146	065:06:14.39 N	096:17:29.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:02:45	20	1	172	62	065:06:14.39 N	096:17:29.79 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:04:55	21	94	259	136	065:05:33.00 N	096:16:17.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:07:03	22	82	268	125	065:03:41.39 N	096:10:32.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:09:10	23	78	245	142	065:01:56.39 N	096:05:20.40 W
Fall	C-GLYF	1248	ARRIVAL	09/28/2021 20:11:08	1	0	138	24	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1248	XML_FLIGHT_SUMMARY	09/28/2021 20:11:09	0	0	0	0		
Fall	C-GLYF	1248	SCHED	09/28/2021 20:13:24	24	0	135	24	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:15:31	25	0	134	171	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:17:38	26	0	134	171	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1248	SCHED	09/28/2021 20:20:36	27	0	132	171	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1249	DEPARTURE	09/28/2021 20:21:08	2	89	203	320	065:01:43.80 N	096:04:20.40 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:23:22	28	83	282	303	065:03:34.80 N	096:10:27.60 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:25:29	29	83	214	304	065:05:26.39 N	096:15:56.99 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:27:43	30	0	169	74	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:29:54	31	3	160	241	065:06:12.60 N	096:17:35.40 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:32:16	32	6	162	35	065:06:13.20 N	096:17:34.79 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:34:33	33	0	166	106	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:37:30	34	10	175	248	065:06:13.79 N	096:17:31.79 W
Fall	C-GLYF	1249	SCHED	09/28/2021 20:39:38	35	0	130	25	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1249	ARRIVAL	09/28/2021 20:40:32	2	0	130	25	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1249	XML_FLIGHT_SUMMARY	09/28/2021 20:40:33	0	0	0	0		
Fall	C-GLYF	1250	POWER_ON	09/28/2021 20:43:38	NA	NA	NA	NA		
Fall	C-GLYF	1250	POWER_ON	09/28/2021 21:45:29	NA	NA	NA	NA		
Fall	C-GLYF	1250	SCHED	09/28/2021 21:46:07	1	0	134	0	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1250	SCHED	09/28/2021 21:49:03	2	96	163	149	065:05:47.40 N	096:16:41.39 W
Fall	C-GLYF	1250	DEPARTURE	09/28/2021 21:49:10	1	84	163	165	065:06:04.79 N	096:16:58.19 W
Fall	C-GLYF	1250	SCHED	09/28/2021 21:52:11	3	57	170	77	065:01:46.80 N	096:09:43.20 W
Fall	C-GLYF	1250	ARRIVAL	09/28/2021 21:52:56	1	0	145	67	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1250	XML_FLIGHT_SUMMARY	09/28/2021 21:52:57	0	0	0	0		
Fall	C-GLYF	1250	SCHED	09/28/2021 21:55:04	4	5	180	79	065:01:51.60 N	096:09:30.00 W
Fall	C-GLYF	1251	DEPARTURE	09/28/2021 21:56:05	2	81	224	328	065:02:10.79 N	096:09:31.79 W
Fall	C-GLYF	1251	SCHED	09/28/2021 21:58:14	5	100	254	325	065:04:49.79 N	096:14:51.00 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:00:28	6	39	188	137	065:06:12.60 N	096:17:22.19 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:02:39	7	82	249	145	065:03:52.80 N	096:13:20.40 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:04:46	8	21	204	97	065:01:51.60 N	096:09:32.39 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:07:01	9	95	281	313	065:03:18.00 N	096:11:57.60 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:09:10	10	83	241	310	065:05:46.19 N	096:17:10.80 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:11:19	11	76	232	146	065:05:20.40 N	096:16:31.79 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:13:27	12	73	262	140	065:03:21.59 N	096:12:40.79 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:15:40	13	0	184	355	065:01:51.60 N	096:09:27.60 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:17:50	14	89	284	320	065:03:46.80 N	096:12:42.60 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:19:58	15	82	254	327	065:06:07.79 N	096:17:43.80 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:22:04	16	76	259	144	065:05:25.80 N	096:16:09.59 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:24:12	17	77	266	146	065:03:11.40 N	096:12:23.99 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:26:25	18	45	196	36	065:01:53.39 N	096:09:20.40 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:28:37	19	70	237	134	065:01:40.20 N	096:04:58.20 W
Fall	C-GLYF	1251	ARRIVAL	09/28/2021 22:30:38	2	0	146	133	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1251	XML_FLIGHT_SUMMARY	09/28/2021 22:30:39	0	0	0	0		
Fall	C-GLYF	1251	SCHED	09/28/2021 22:30:47	20	0	146	133	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:32:58	21	0	145	133	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1251	SCHED	09/28/2021 22:35:06	22	0	143	133	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1252	POWER_ON	09/28/2021 23:53:33	NA	NA	NA	NA		
Fall	C-GLYF	1252	SCHED	09/28/2021 23:54:12	1	0	149	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1252	DEPARTURE	09/28/2021 23:56:27	1	61	180	107	065:01:18.59 N	096:03:33.59 W
Fall	C-GLYF	1252	SCHED	09/28/2021 23:58:40	2	124	188	294	065:04:08.99 N	096:10:22.80 W
Fall	C-GLYF	1252	SCHED	09/29/2021 00:00:51	3	10	142	120	065:06:13.79 N	096:17:33.00 W
Fall	C-GLYF	1252	ARRIVAL	09/29/2021 00:01:54	1	0	142	24	065:06:14.39 N	096:17:31.20 W
Fall	C-GLYF	1252	XML_FLIGHT_SUMMARY	09/29/2021 00:01:55	0	0	0	0		
Fall	C-GLYF	1252	SCHED	09/29/2021 00:04:01	4	0	143	258	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1252	SCHED	09/29/2021 00:06:07	5	0	143	258	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1252	SCHED	09/29/2021 00:08:26	6	0	139	258	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1252	SCHED	09/29/2021 00:10:33	7	0	139	258	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1252	SCHED	09/29/2021 00:12:40	8	0	140	258	065:06:15.00 N	096:17:27.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1252	SCHED	09/29/2021 00:14:57	9	69	157	357	065:06:24.59 N	096:17:36.59 W
Fall	C-GLYF	1253	DEPARTURE	09/29/2021 00:15:05	2	79	168	36	065:06:34.19 N	096:17:28.79 W
Fall	C-GLYF	1253	SCHED	09/29/2021 00:17:15	10	96	170	120	065:03:55.19 N	096:13:30.00 W
Fall	C-GLYF	1253	SCHED	09/29/2021 00:19:23	11	94	202	115	065:02:33.00 N	096:06:24.59 W
Fall	C-GLYF	1253	SCHED	09/29/2021 00:21:33	12	0	145	216	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1253	ARRIVAL	09/29/2021 00:21:40	2	0	145	216	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1253	XML_FLIGHT_SUMMARY	09/29/2021 00:21:41	0	0	0	0		
Fall	C-GLYF	1253	SCHED	09/29/2021 00:23:49	13	1	144	216	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1253	SCHED	09/29/2021 00:25:55	14	0	139	45	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1254	DEPARTURE	09/29/2021 00:27:29	3	52	216	118	065:01:27.00 N	096:03:38.39 W
Fall	C-GLYF	1254	SCHED	09/29/2021 00:29:55	15	0	140	138	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1254	ARRIVAL	09/29/2021 00:30:01	3	0	139	138	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1254	POWER_ON	09/29/2021 12:04:35	NA	NA	NA	NA		
Fall	C-GLYF	1254	SCHED	09/29/2021 12:05:24	1	0	0	0	065:01:27.00 N	096:04:15.60 W
Fall	C-GLYF	1254	SCHED	09/29/2021 12:07:32	2	0	0	0	065:01:27.00 N	096:04:15.00 W
Fall	C-GLYF	1254	DEPARTURE	09/29/2021 12:09:27	1	138	0	305	065:04:08.40 N	096:11:00.59 W
Fall	C-GLYF	1254	SCHED	09/29/2021 12:11:39	3	30	206	165	065:06:21.59 N	096:17:22.80 W
Fall	C-GLYF	1254	ARRIVAL	09/29/2021 12:13:35	1	0	141	286	065:06:15.59 N	096:17:27.00 W
Fall	C-GLYF	1254	XML_FLIGHT_SUMMARY	09/29/2021 12:13:36	0	0	0	0		
Fall	C-GLYF	1254	SCHED	09/29/2021 12:15:42	4	0	141	286	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1254	SCHED	09/29/2021 12:17:56	5	0	143	286	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1254	SCHED	09/29/2021 12:20:07	6	0	144	286	065:06:15.00 N	096:17:26.39 W
Fall	C-GLYF	1254	SCHED	09/29/2021 12:22:17	7	5	150	319	065:06:15.59 N	096:17:27.60 W
Fall	C-GLYF	1255	DEPARTURE	09/29/2021 12:22:44	2	61	178	146	065:06:07.79 N	096:16:56.99 W
Fall	C-GLYF	1255	SCHED	09/29/2021 12:24:51	8	76	292	151	065:04:34.80 N	096:17:01.79 W
Fall	C-GLYF	1255	SCHED	09/29/2021 12:26:57	9	90	218	109	065:03:10.79 N	096:10:34.19 W
Fall	C-GLYF	1255	SCHED	09/29/2021 12:29:11	10	62	188	132	065:01:36.00 N	096:04:40.80 W
Fall	C-GLYF	1255	ARRIVAL	09/29/2021 12:30:26	2	0	145	127	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1255	XML_FLIGHT_SUMMARY	09/29/2021 12:30:27	0	0	0	0		
Fall	C-GLYF	1255	SCHED	09/29/2021 12:32:38	11	0	146	127	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1255	SCHED	09/29/2021 12:34:46	12	0	148	241	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1255	SCHED	09/29/2021 12:36:55	13	0	147	310	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1255	SCHED	09/29/2021 12:39:07	14	0	147	310	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1256	POWER_ON	09/29/2021 19:09:02	NA	NA	NA	NA		
Fall	C-GLYF	1256	SCHED	09/29/2021 19:09:46	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:11:54	2	0	133	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1256	DEPARTURE	09/29/2021 19:13:27	1	50	203	120	065:01:19.20 N	096:03:40.80 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:15:38	3	144	356	308	065:03:52.80 N	096:10:10.80 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:17:50	4	52	188	145	065:06:21.59 N	096:17:56.99 W
Fall	C-GLYF	1256	ARRIVAL	09/29/2021 19:19:14	1	0	128	125	065:06:12.00 N	096:17:36.59 W
Fall	C-GLYF	1256	XML_FLIGHT_SUMMARY	09/29/2021 19:19:15	0	0	0	0		
Fall	C-GLYF	1256	SCHED	09/29/2021 19:21:21	5	0	130	125	065:06:12.00 N	096:17:36.00 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:23:36	6	1	151	3	065:06:13.20 N	096:17:34.79 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:25:44	7	1	161	202	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:27:56	8	8	159	33	065:06:13.20 N	096:17:33.59 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:30:04	9	1	149	219	065:06:12.60 N	096:17:34.79 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:32:13	10	2	153	36	065:06:14.39 N	096:17:22.80 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:34:24	11	4	150	39	065:06:13.20 N	096:17:35.40 W
Fall	C-GLYF	1256	SCHED	09/29/2021 19:36:31	12	0	138	157	065:06:15.59 N	096:17:24.00 W
Fall	C-GLYF	1257	POWER_ON	09/29/2021 20:51:28	NA	NA	NA	NA		
Fall	C-GLYF	1257	SCHED	09/29/2021 20:52:10	1	0	138	0	065:06:15.59 N	096:17:24.00 W
Fall	C-GLYF	1257	DEPARTURE	09/29/2021 20:54:14	1	64	177	163	065:05:56.40 N	096:16:52.80 W
Fall	C-GLYF	1257	SCHED	09/29/2021 20:56:32	2	83	234	129	065:04:01.19 N	096:11:48.59 W
Fall	C-GLYF	1257	SCHED	09/29/2021 20:58:39	3	86	242	156	065:02:13.80 N	096:05:38.99 W
Fall	C-GLYF	1257	ARRIVAL	09/29/2021 21:00:47	1	0	137	112	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1257	XML_FLIGHT_SUMMARY	09/29/2021 21:00:48	0	0	0	0		
Fall	C-GLYF	1257	SCHED	09/29/2021 21:01:47	4	0	137	112	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1258	POWER_ON	09/29/2021 21:02:27	NA	NA	NA	NA		
Fall	C-GLYF	1258	SCHED	09/29/2021 21:03:15	1	1	137	58	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1258	POWER_ON	09/29/2021 21:18:09	NA	NA	NA	NA		
Fall	C-GLYF	1258	SCHED	09/29/2021 21:18:50	1	0	135	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1258	POWER_ON	09/29/2021 23:27:29	NA	NA	NA	NA		
Fall	C-GLYF	1258	SCHED	09/29/2021 23:28:06	1	0	124	93	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:30:15	2	0	133	78	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:32:24	3	1	153	12	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1258	DEPARTURE	09/29/2021 23:34:01	1	114	206	335	065:01:38.39 N	096:04:55.80 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:36:09	4	97	304	305	065:04:15.59 N	096:11:35.99 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:38:18	5	11	174	169	065:06:15.00 N	096:17:30.00 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:40:28	6	5	162	264	065:06:13.79 N	096:17:31.20 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:42:39	7	1	155	174	065:06:14.39 N	096:17:29.39 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:44:47	8	39	216	131	065:05:25.80 N	096:15:50.40 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:46:56	9	41	227	125	065:04:37.80 N	096:13:20.99 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:49:08	10	36	222	124	065:03:52.80 N	096:10:51.59 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:51:16	11	33	227	121	065:03:04.79 N	096:08:15.59 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:53:28	12	33	220	147	065:02:23.39 N	096:05:48.60 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:55:34	13	32	210	151	065:01:30.00 N	096:04:40.20 W
Fall	C-GLYF	1258	SCHED	09/29/2021 23:57:42	14	0	147	211	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1258	ARRIVAL	09/29/2021 23:58:24	1	0	146	211	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1258	XML_FLIGHT_SUMMARY	09/29/2021 23:58:25	0	0	0	0		
Fall	C-GLYF	1258	SCHED	09/30/2021 00:00:31	15	0	144	211	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1258	SCHED	09/30/2021 00:02:41	16	0	145	242	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1259	DEPARTURE	09/30/2021 00:04:00	2	52	206	123	065:01:19.20 N	096:03:38.39 W
Fall	C-GLYF	1259	SCHED	09/30/2021 00:06:07	17	147	500	309	065:04:13.20 N	096:10:47.39 W
Fall	C-GLYF	1259	SCHED	09/30/2021 00:08:15	18	12	155	186	065:06:15.59 N	096:17:32.39 W
Fall	C-GLYF	1259	ARRIVAL	09/30/2021 00:09:29	2	0	139	186	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1259	XML_FLIGHT_SUMMARY	09/30/2021 00:09:30	0	0	0	0		
Fall	C-GLYF	1259	SCHED	09/30/2021 00:11:38	19	0	132	186	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1259	SCHED	09/30/2021 00:13:54	20	0	128	186	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1260	DEPARTURE	09/30/2021 00:15:57	3	62	167	158	065:05:58.80 N	096:17:14.39 W
Fall	C-GLYF	1260	SCHED	09/30/2021 00:18:03	21	68	262	123	065:04:31.19 N	096:12:54.59 W
Fall	C-GLYF	1260	SCHED	09/30/2021 00:20:14	22	73	251	124	065:03:14.40 N	096:08:19.79 W
Fall	C-GLYF	1260	SCHED	09/30/2021 00:22:30	23	32	171	140	065:01:30.59 N	096:04:24.59 W
Fall	C-GLYF	1260	ARRIVAL	09/30/2021 00:23:45	3	0	144	114	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1260	XML_FLIGHT_SUMMARY	09/30/2021 00:23:46	0	0	0	0		
Fall	C-GLYF	1260	SCHED	09/30/2021 00:25:54	24	0	143	114	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1261	POWER_ON	09/30/2021 12:29:54	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1261	SCHED	09/30/2021 12:30:30	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1261	POWER_ON	09/30/2021 12:31:49	NA	NA	NA	NA		
Fall	C-GLYF	1261	POWER_ON	09/30/2021 12:35:28	NA	NA	NA	NA		
Fall	C-GLYF	1261	SCHED	09/30/2021 12:36:08	1	0	144	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:38:14	2	0	147	12	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:40:21	3	0	145	58	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1261	DEPARTURE	09/30/2021 12:40:49	1	80	164	332	065:01:43.19 N	096:04:55.80 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:42:59	4	61	156	303	065:03:07.80 N	096:08:45.60 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:45:05	5	58	137	276	065:04:11.40 N	096:12:35.40 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:47:13	6	68	130	295	065:05:07.79 N	096:16:03.00 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:49:20	7	0	141	270	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1261	ARRIVAL	09/30/2021 12:49:54	1	0	141	270	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1261	XML_FLIGHT_SUMMARY	09/30/2021 12:49:55	0	0	0	0		
Fall	C-GLYF	1261	SCHED	09/30/2021 12:52:03	8	0	141	270	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1261	SCHED	09/30/2021 12:54:13	9	0	141	270	065:06:15.00 N	096:17:27.00 W
Fall	C-GLYF	1262	DEPARTURE	09/30/2021 12:55:22	2	47	152	148	065:06:02.39 N	096:17:13.20 W
Fall	C-GLYF	1262	SCHED	09/30/2021 12:57:29	10	39	149	113	065:04:32.39 N	096:15:00.60 W
Fall	C-GLYF	1262	SCHED	09/30/2021 12:59:43	11	48	156	97	065:03:58.80 N	096:11:45.60 W
Fall	C-GLYF	1262	SCHED	09/30/2021 13:02:09	12	57	159	74	065:03:09.59 N	096:08:22.19 W
Fall	C-GLYF	1262	SCHED	09/30/2021 13:04:19	13	54	163	159	065:01:45.00 N	096:05:08.99 W
Fall	C-GLYF	1262	ARRIVAL	09/30/2021 13:05:52	2	0	147	146	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1262	XML_FLIGHT_SUMMARY	09/30/2021 13:05:53	0	0	0	0		
Fall	C-GLYF	1262	SCHED	09/30/2021 13:07:59	14	0	147	146	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1262	SCHED	09/30/2021 13:10:15	15	0	147	335	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1263	POWER_ON	09/30/2021 23:34:25	NA	NA	NA	NA		
Fall	C-GLYF	1263	POWER_ON	09/30/2021 23:35:43	NA	NA	NA	NA		
Fall	C-GLYF	1263	SCHED	09/30/2021 23:36:20	1	0	139	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1263	SCHED	09/30/2021 23:38:29	2	40	140	299	065:01:31.79 N	096:04:22.19 W
Fall	C-GLYF	1263	DEPARTURE	09/30/2021 23:38:44	1	57	145	305	065:01:37.80 N	096:04:43.19 W
Fall	C-GLYF	1263	SCHED	09/30/2021 23:40:51	3	49	151	305	065:03:02.40 N	096:08:26.99 W
Fall	C-GLYF	1263	SCHED	09/30/2021 23:42:57	4	78	170	335	065:04:22.79 N	096:12:19.19 W
Fall	C-GLYF	1263	SCHED	09/30/2021 23:45:07	5	76	128	324	065:05:15.59 N	096:16:39.59 W
Fall	C-GLYF	1263	SCHED	09/30/2021 23:47:14	6	0	140	268	065:06:15.59 N	096:17:27.60 W
Fall	C-GLYF	1263	ARRIVAL	09/30/2021 23:47:24	1	0	140	268	065:06:15.59 N	096:17:27.60 W
Fall	C-GLYF	1263	XML_FLIGHT_SUMMARY	09/30/2021 23:47:25	0	0	0	0		
Fall	C-GLYF	1263	SCHED	09/30/2021 23:49:31	7	0	140	268	065:06:15.59 N	096:17:27.60 W
Fall	C-GLYF	1264	DEPARTURE	09/30/2021 23:50:57	2	51	144	159	065:06:00.60 N	096:17:16.79 W
Fall	C-GLYF	1264	SCHED	09/30/2021 23:53:09	8	71	155	136	065:04:55.79 N	096:13:12.60 W
Fall	C-GLYF	1264	SCHED	09/30/2021 23:55:19	9	62	157	133	065:03:24.59 N	096:09:17.39 W
Fall	C-GLYF	1264	SCHED	09/30/2021 23:58:18	10	54	151	149	065:02:02.40 N	096:05:30.00 W
Fall	C-GLYF	1264	ARRIVAL	10/01/2021 00:00:21	2	0	142	127	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1264	XML_FLIGHT_SUMMARY	10/01/2021 00:00:22	0	0	0	0		
Fall	C-GLYF	1264	SCHED	10/01/2021 00:00:30	11	0	142	127	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1265	POWER_ON	10/01/2021 12:53:33	NA	NA	NA	NA		
Fall	C-GLYF	1265	SCHED	10/01/2021 12:54:23	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1265	POWER_ON	10/01/2021 13:05:49	NA	NA	NA	NA		
Fall	C-GLYF	1265	SCHED	10/01/2021 13:08:01	1	0	139	345	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1265	SCHED	10/01/2021 13:10:21	2	0	145	345	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1265	DEPARTURE	10/01/2021 13:10:36	1	61	175	2	065:01:25.79 N	096:03:48.60 W
Fall	C-GLYF	1265	SCHED	10/01/2021 13:12:48	3	107	154	281	065:03:13.79 N	096:09:58.20 W
Fall	C-GLYF	1265	SCHED	10/01/2021 13:14:57	4	127	166	320	065:05:45.60 N	096:16:45.00 W
Fall	C-GLYF	1265	ARRIVAL	10/01/2021 13:16:41	1	0	144	109	065:06:14.39 N	096:17:32.39 W
Fall	C-GLYF	1265	XML_FLIGHT_SUMMARY	10/01/2021 13:16:42	0	0	0	0		
Fall	C-GLYF	1265	SCHED	10/01/2021 13:18:48	5	0	146	66	065:06:14.39 N	096:17:30.60 W
Fall	C-GLYF	1265	SCHED	10/01/2021 13:20:55	6	0	146	66	065:06:14.39 N	096:17:30.60 W
Fall	C-GLYF	1265	SCHED	10/01/2021 13:23:09	7	0	146	66	065:06:14.39 N	096:17:30.60 W
Fall	C-GLYF	1266	DEPARTURE	10/01/2021 13:25:02	2	63	163	155	065:05:59.40 N	096:17:11.99 W
Fall	C-GLYF	1266	SCHED	10/01/2021 13:27:15	8	78	179	132	065:03:48.00 N	096:13:06.00 W
Fall	C-GLYF	1266	SCHED	10/01/2021 13:29:38	9	80	171	114	065:02:36.00 N	096:06:39.59 W
Fall	C-GLYF	1266	SCHED	10/01/2021 13:32:31	10	0	146	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1266	ARRIVAL	10/01/2021 13:32:51	2	0	146	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1266	XML_FLIGHT_SUMMARY	10/01/2021 13:32:52	0	0	0	0		
Fall	C-GLYF	1267	POWER_ON	10/01/2021 13:35:23	NA	NA	NA	NA		
Fall	C-GLYF	1267	POWER_ON	10/01/2021 16:05:38	NA	NA	NA	NA		
Fall	C-GLYF	1267	SCHED	10/01/2021 16:08:11	1	3	165	350	065:01:28.79 N	096:04:17.39 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:10:19	2	0	159	27	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:12:39	3	79	224	355	065:01:34.79 N	096:04:09.59 W
Fall	C-GLYF	1267	DEPARTURE	10/01/2021 16:12:47	1	104	249	325	065:01:47.39 N	096:04:21.59 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:14:56	4	117	306	329	065:04:28.80 N	096:12:16.79 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:17:08	5	1	161	165	065:06:14.39 N	096:17:29.39 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:20:03	6	40	243	120	065:04:45.00 N	096:14:28.20 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:23:59	7	45	255	121	065:03:10.79 N	096:08:40.20 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:26:13	8	52	240	151	065:01:57.60 N	096:05:24.00 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:28:21	9	3	146	15	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1267	ARRIVAL	10/01/2021 16:29:11	1	0	143	215	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1267	XML_FLIGHT_SUMMARY	10/01/2021 16:29:12	0	0	0	0		
Fall	C-GLYF	1267	SCHED	10/01/2021 16:31:24	10	0	142	109	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:33:31	11	0	144	269	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1267	SCHED	10/01/2021 16:35:37	12	0	144	269	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1268	POWER_ON	10/01/2021 16:46:11	NA	NA	NA	NA		
Fall	C-GLYF	1268	SCHED	10/01/2021 16:47:05	1	0	138	258	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1268	DEPARTURE	10/01/2021 16:47:21	1	67	203	135	065:01:16.20 N	096:03:37.19 W
Fall	C-GLYF	1268	SCHED	10/01/2021 16:49:32	2	116	290	358	065:01:18.59 N	096:09:07.80 W
Fall	C-GLYF	1268	SCHED	10/01/2021 16:51:40	3	111	284	310	065:02:00.60 N	096:12:07.80 W
Fall	C-GLYF	1268	SCHED	10/01/2021 16:53:46	4	117	260	346	065:05:37.80 N	096:16:31.79 W
Fall	C-GLYF	1268	SCHED	10/01/2021 16:56:00	5	55	192	158	065:05:37.80 N	096:16:51.60 W
Fall	C-GLYF	1268	SCHED	10/01/2021 16:58:10	6	55	244	140	065:04:02.40 N	096:13:49.79 W
Fall	C-GLYF	1268	SCHED	10/01/2021 17:01:28	7	56	218	144	065:02:11.40 N	096:09:55.79 W
Fall	C-GLYF	1268	SCHED	10/01/2021 17:03:35	8	115	307	332	065:03:22.79 N	096:13:34.20 W
Fall	C-GLYF	1268	SCHED	10/01/2021 17:05:42	9	6	169	187	065:06:14.39 N	096:17:27.60 W
Fall	C-GLYF	1268	SCHED	10/01/2021 17:08:42	10	62	218	137	065:04:30.00 N	096:14:56.99 W
Fall	C-GLYF	1268	SCHED	10/01/2021 17:11:35	11	60	211	147	065:02:17.99 N	096:10:10.20 W
Fall	C-GLYF	1268	SCHED	10/01/2021 17:13:42	12	0	148	76	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1268	ARRIVAL	10/01/2021 17:13:59	1	0	148	76	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1268	XML_FLIGHT_SUMMARY	10/01/2021 17:14:00	0	0	0	0		
Fall	C-GLYF	1269	DEPARTURE	10/01/2021 17:15:45	2	78	200	236	065:01:34.79 N	096:09:48.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1269	SCHED	10/01/2021 17:17:52	13	131	307	341	065:05:07.20 N	096:15:51.00 W
Fall	C-GLYF	1269	SCHED	10/01/2021 17:20:45	14	0	144	199	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1269	ARRIVAL	10/01/2021 17:20:55	2	0	144	199	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1269	XML_FLIGHT_SUMMARY	10/01/2021 17:20:56	0	0	0	0		
Fall	C-GLYF	1269	SCHED	10/01/2021 17:23:03	15	0	145	199	065:06:14.39 N	096:17:31.79 W
Fall	C-GLYF	1269	SCHED	10/01/2021 17:25:10	16	0	147	199	065:06:14.39 N	096:17:31.79 W
Fall	C-GLYF	1269	SCHED	10/01/2021 17:27:22	17	0	142	300	065:06:14.39 N	096:17:32.39 W
Fall	C-GLYF	1270	POWER_ON	10/01/2021 18:42:21	NA	NA	NA	NA		
Fall	C-GLYF	1270	SCHED	10/01/2021 18:43:00	1	0	121	0	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:45:06	2	0	127	122	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:47:14	3	1	137	172	065:06:13.79 N	096:17:28.79 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:49:20	4	2	152	156	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:51:27	5	7	155	241	065:06:14.39 N	096:17:27.60 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:53:37	6	0	155	75	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:55:47	7	0	152	92	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1270	SCHED	10/01/2021 18:57:55	8	1	152	122	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:00:08	9	10	155	60	065:06:14.39 N	096:17:27.00 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:02:14	10	6	152	77	065:06:14.39 N	096:17:27.60 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:04:25	11	1	153	202	065:06:13.79 N	096:17:28.20 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:06:47	12	13	159	64	065:06:14.39 N	096:17:25.20 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:09:04	13	1	153	154	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:11:12	14	0	150	136	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:13:25	15	0	160	161	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:15:48	16	4	155	219	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:18:00	17	6	162	90	065:06:15.00 N	096:17:24.00 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:20:09	18	0	155	262	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:22:18	19	0	156	87	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:24:31	20	7	161	277	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1270	DEPARTURE	10/01/2021 19:27:07	1	80	174	151	065:05:58.20 N	096:17:07.19 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:29:17	21	97	191	121	065:02:53.39 N	096:07:50.40 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:31:27	22	0	129	230	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1270	ARRIVAL	10/01/2021 19:31:37	1	0	129	230	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1270	XML_FLIGHT_SUMMARY	10/01/2021 19:31:38	0	0	0	0		
Fall	C-GLYF	1270	SCHED	10/01/2021 19:33:48	23	0	129	230	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1270	SCHED	10/01/2021 19:36:02	24	24	137	78	065:01:24.59 N	096:04:11.99 W
Fall	C-GLYF	1271	DEPARTURE	10/01/2021 19:37:00	2	64	199	129	065:01:17.99 N	096:03:36.00 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:39:11	25	140	264	336	065:03:28.80 N	096:13:24.59 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:41:19	26	1	140	123	065:06:14.39 N	096:17:30.60 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:43:29	27	10	150	255	065:06:14.39 N	096:17:24.00 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:45:39	28	0	148	286	065:06:13.79 N	096:17:28.79 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:47:47	29	3	158	222	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:49:55	30	1	152	99	065:06:15.00 N	096:17:23.40 W
Fall	C-GLYF	1271	SCHED	10/01/2021 19:52:05	31	0	131	102	065:06:14.39 N	096:17:32.39 W
Fall	C-GLYF	1271	ARRIVAL	10/01/2021 19:52:30	2	0	130	102	065:06:14.39 N	096:17:32.39 W
Fall	C-GLYF	1271	XML_FLIGHT_SUMMARY	10/01/2021 19:52:31	0	0	0	0		
Fall	C-GLYF	1271	SCHED	10/01/2021 19:54:36	32	0	124	102	065:06:13.79 N	096:17:33.00 W
Fall	C-GLYF	1272	POWER_ON	10/01/2021 20:37:32	NA	NA	NA	NA		
Fall	C-GLYF	1272	SCHED	10/01/2021 20:38:12	1	0	117	0	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1272	SCHED	10/01/2021 20:40:20	2	0	119	356	065:06:13.79 N	096:17:32.39 W
Fall	C-GLYF	1272	DEPARTURE	10/01/2021 20:41:12	1	67	142	160	065:05:58.80 N	096:17:14.39 W
Fall	C-GLYF	1272	SCHED	10/01/2021 20:43:30	3	72	186	109	065:04:24.59 N	096:14:58.20 W
Fall	C-GLYF	1272	SCHED	10/01/2021 20:45:42	4	89	201	179	065:02:30.59 N	096:09:41.40 W
Fall	C-GLYF	1272	ARRIVAL	10/01/2021 20:47:21	1	0	141	109	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1272	XML_FLIGHT_SUMMARY	10/01/2021 20:47:22	0	0	0	0		
Fall	C-GLYF	1273	DEPARTURE	10/01/2021 20:47:57	2	103	196	15	065:02:09.59 N	096:09:07.80 W
Fall	C-GLYF	1273	SCHED	10/01/2021 20:51:06	5	0	133	140	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1273	ARRIVAL	10/01/2021 20:52:20	2	0	134	140	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1273	SCHED	10/01/2021 20:54:25	6	0	134	140	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1273	SCHED	10/01/2021 20:56:33	7	0	132	175	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1273	POWER_ON	10/01/2021 23:43:50	NA	NA	NA	NA		
Fall	C-GLYF	1273	SCHED	10/01/2021 23:44:24	1	0	142	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1273	SCHED	10/01/2021 23:46:33	2	0	139	309	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1273	DEPARTURE	10/01/2021 23:48:25	1	65	212	129	065:01:15.60 N	096:03:31.80 W
Fall	C-GLYF	1273	SCHED	10/01/2021 23:50:32	3	143	399	319	065:03:50.99 N	096:10:29.40 W
Fall	C-GLYF	1273	SCHED	10/01/2021 23:52:43	4	31	160	121	065:06:16.19 N	096:17:35.40 W
Fall	C-GLYF	1273	ARRIVAL	10/01/2021 23:54:27	1	0	141	104	065:06:14.39 N	096:17:23.40 W
Fall	C-GLYF	1273	XML_FLIGHT_SUMMARY	10/01/2021 23:54:28	0	0	0	0		
Fall	C-GLYF	1273	SCHED	10/01/2021 23:56:34	5	0	145	155	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1273	SCHED	10/01/2021 23:58:46	6	0	145	155	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1273	SCHED	10/02/2021 00:01:55	7	45	337	146	065:05:59.40 N	096:16:59.40 W
Fall	C-GLYF	1274	DEPARTURE	10/02/2021 00:02:12	2	44	285	149	065:06:03.59 N	096:17:05.40 W
Fall	C-GLYF	1274	SCHED	10/02/2021 00:04:24	8	85	265	129	065:03:39.00 N	096:09:51.00 W
Fall	C-GLYF	1274	SCHED	10/02/2021 00:06:31	9	54	173	141	065:01:34.20 N	096:04:31.20 W
Fall	C-GLYF	1274	ARRIVAL	10/02/2021 00:07:45	2	0	141	128	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1274	XML_FLIGHT_SUMMARY	10/02/2021 00:07:46	0	0	0	0		
Fall	C-GLYF	1274	SCHED	10/02/2021 00:09:53	10	0	142	128	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1275	POWER_ON	10/02/2021 15:25:43	NA	NA	NA	NA		
Fall	C-GLYF	1275	SCHED	10/02/2021 15:26:08	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:28:15	2	0	134	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:30:37	3	0	133	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1275	DEPARTURE	10/02/2021 15:32:10	1	64	208	320	065:01:39.00 N	096:04:53.40 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:34:17	4	110	254	314	065:03:45.00 N	096:11:16.19 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:36:25	5	61	196	11	065:06:11.40 N	096:17:41.99 W
Fall	C-GLYF	1275	ARRIVAL	10/02/2021 15:37:49	1	0	144	156	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1275	XML_FLIGHT_SUMMARY	10/02/2021 15:37:50	0	0	0	0		
Fall	C-GLYF	1275	SCHED	10/02/2021 15:39:57	6	0	143	156	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:42:09	7	0	143	156	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:44:24	8	0	141	156	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1275	SCHED	10/02/2021 15:46:31	9	0	138	156	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1276	DEPARTURE	10/02/2021 15:47:14	2	52	154	197	065:05:59.99 N	096:17:17.99 W
Fall	C-GLYF	1276	SCHED	10/02/2021 15:49:28	10	107	215	124	065:04:25.80 N	096:13:58.20 W
Fall	C-GLYF	1276	SCHED	10/02/2021 15:51:36	11	109	198	126	065:02:29.39 N	096:06:03.59 W
Fall	C-GLYF	1276	ARRIVAL	10/02/2021 15:53:29	2	0	135	137	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1276	XML_FLIGHT_SUMMARY	10/02/2021 15:53:30	0	0	0	0		
Fall	C-GLYF	1276	SCHED	10/02/2021 15:55:37	12	0	137	137	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1276	SCHED	10/02/2021 15:57:51	13	1	172	319	065:01:20.40 N	096:04:27.60 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1277	DEPARTURE	10/02/2021 15:58:15	3	53	248	257	065:01:07.19 N	096:04:41.99 W
Fall	C-GLYF	1277	SCHED	10/02/2021 16:00:22	14	76	309	304	065:03:07.20 N	096:08:47.39 W
Fall	C-GLYF	1277	SCHED	10/02/2021 16:02:29	15	77	281	310	065:04:40.20 N	096:13:59.39 W
Fall	C-GLYF	1277	SCHED	10/02/2021 16:04:37	16	1	178	180	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1277	SCHED	10/02/2021 16:07:37	17	2	179	245	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1277	ARRIVAL	10/02/2021 16:09:37	3	0	146	153	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1277	XML_FLIGHT_SUMMARY	10/02/2021 16:09:38	0	0	0	0		
Fall	C-GLYF	1277	SCHED	10/02/2021 16:11:46	18	31	192	169	065:06:12.60 N	096:17:22.19 W
Fall	C-GLYF	1278	DEPARTURE	10/02/2021 16:12:02	4	68	219	153	065:05:58.20 N	096:17:07.19 W
Fall	C-GLYF	1278	SCHED	10/02/2021 16:14:08	19	72	275	119	065:04:11.99 N	096:12:54.00 W
Fall	C-GLYF	1278	SCHED	10/02/2021 16:17:10	20	66	283	126	065:02:40.20 N	096:06:38.39 W
Fall	C-GLYF	1278	SCHED	10/02/2021 16:19:23	21	10	185	104	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1278	ARRIVAL	10/02/2021 16:20:58	4	0	141	178	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1278	XML_FLIGHT_SUMMARY	10/02/2021 16:20:59	0	0	0	0		
Fall	C-GLYF	1278	SCHED	10/02/2021 16:23:05	22	0	141	178	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1278	SCHED	10/02/2021 16:25:21	23	0	139	336	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1278	SCHED	10/02/2021 16:28:19	24	0	138	336	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1279	POWER_ON	10/02/2021 18:49:52	NA	NA	NA	NA		
Fall	C-GLYF	1279	SCHED	10/02/2021 18:50:29	1	0	133	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1279	SCHED	10/02/2021 18:52:37	2	0	132	116	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1279	SCHED	10/02/2021 18:54:46	3	2	129	112	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1279	DEPARTURE	10/02/2021 18:55:23	1	81	156	312	065:01:40.20 N	096:04:53.40 W
Fall	C-GLYF	1279	SCHED	10/02/2021 18:57:38	4	108	259	25	065:05:10.20 N	096:03:11.99 W
Fall	C-GLYF	1279	SCHED	10/02/2021 19:00:00	5	94	292	337	065:08:40.79 N	095:59:00.60 W
Fall	C-GLYF	1279	SCHED	10/02/2021 19:02:07	6	6	205	155	065:08:10.80 N	096:00:01.79 W
Fall	C-GLYF	1279	ARRIVAL	10/02/2021 19:02:59	1	0	199	144	065:08:10.80 N	096:00:01.19 W
Fall	C-GLYF	1279	XML_FLIGHT_SUMMARY	10/02/2021 19:03:00	0	0	0	0		
Fall	C-GLYF	1279	SCHED	10/02/2021 19:05:10	7	0	195	144	065:08:10.80 N	096:00:01.19 W
Fall	C-GLYF	1280	POWER_ON	10/02/2021 21:31:16	NA	NA	NA	NA		
Fall	C-GLYF	1280	SCHED	10/02/2021 21:31:55	1	0	212	0	065:08:10.80 N	096:00:01.19 W
Fall	C-GLYF	1280	SCHED	10/02/2021 21:34:12	2	7	207	202	065:08:10.20 N	096:00:02.39 W
Fall	C-GLYF	1280	DEPARTURE	10/02/2021 21:34:38	1	40	194	3	065:08:15.59 N	096:00:20.99 W
Fall	C-GLYF	1280	ARRIVAL	10/02/2021 21:36:39	1	0	180	156	065:08:16.80 N	096:00:14.40 W
Fall	C-GLYF	1280	SCHED	10/02/2021 21:36:58	3	0	182	156	065:08:16.80 N	096:00:14.40 W
Fall	C-GLYF	1280	DEPARTURE	10/02/2021 21:37:21	2	57	192	265	065:08:12.59 N	096:00:45.59 W
Fall	C-GLYF	1280	SCHED	10/02/2021 21:39:31	4	105	314	196	065:05:15.00 N	096:00:57.60 W
Fall	C-GLYF	1280	SCHED	10/02/2021 21:41:38	5	98	305	189	065:02:10.79 N	096:05:21.59 W
Fall	C-GLYF	1280	ARRIVAL	10/02/2021 21:43:32	2	0	132	161	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1280	XML_FLIGHT_SUMMARY	10/02/2021 21:43:33	0	0	0	0		
Fall	C-GLYF	1280	SCHED	10/02/2021 21:45:43	6	0	133	161	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1280	SCHED	10/02/2021 21:47:50	7	0	133	197	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1281	POWER_ON	10/02/2021 22:48:47	NA	NA	NA	NA		
Fall	C-GLYF	1281	SCHED	10/02/2021 22:49:27	1	0	134	354	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1281	SCHED	10/02/2021 22:51:50	2	0	135	219	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1281	SCHED	10/02/2021 22:53:59	3	0	131	219	065:01:25.20 N	096:04:13.79 W
Fall	C-GLYF	1281	SCHED	10/02/2021 22:56:08	4	28	140	301	065:01:32.39 N	096:04:24.00 W
Fall	C-GLYF	1281	DEPARTURE	10/02/2021 22:58:07	1	32	135	349	065:02:11.40 N	096:05:40.80 W
Fall	C-GLYF	1281	SCHED	10/02/2021 23:00:14	5	76	222	278	065:02:46.80 N	096:07:23.39 W
Fall	C-GLYF	1281	SCHED	10/02/2021 23:02:21	6	0	142	142	065:01:50.99 N	096:09:31.19 W
Fall	C-GLYF	1281	ARRIVAL	10/02/2021 23:02:38	1	0	142	142	065:01:50.99 N	096:09:31.19 W
Fall	C-GLYF	1281	XML_FLIGHT_SUMMARY	10/02/2021 23:02:39	0	0	0	0		
Fall	C-GLYF	1281	SCHED	10/02/2021 23:04:45	7	14	176	158	065:01:50.39 N	096:09:26.99 W
Fall	C-GLYF	1282	DEPARTURE	10/02/2021 23:05:10	2	67	230	211	065:01:33.00 N	096:09:34.79 W
Fall	C-GLYF	1282	SCHED	10/02/2021 23:07:20	8	96	224	332	065:03:32.39 N	096:14:10.80 W
Fall	C-GLYF	1282	SCHED	10/02/2021 23:10:15	9	0	160	345	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1282	SCHED	10/02/2021 23:12:24	10	93	302	144	065:04:39.60 N	096:14:31.79 W
Fall	C-GLYF	1282	SCHED	10/02/2021 23:14:31	11	65	318	116	065:02:02.99 N	096:09:16.19 W
Fall	C-GLYF	1282	SCHED	10/02/2021 23:16:39	12	0	150	63	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1282	ARRIVAL	10/02/2021 23:16:45	2	0	150	63	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1282	XML_FLIGHT_SUMMARY	10/02/2021 23:16:46	0	0	0	0		
Fall	C-GLYF	1282	SCHED	10/02/2021 23:18:53	13	19	150	46	065:01:55.19 N	096:09:32.39 W
Fall	C-GLYF	1282	SCHED	10/02/2021 23:21:01	14	27	141	354	065:02:21.59 N	096:09:09.00 W
Fall	C-GLYF	1283	DEPARTURE	10/02/2021 23:21:25	3	34	142	360	065:02:33.00 N	096:09:12.60 W
Fall	C-GLYF	1283	SCHED	10/02/2021 23:23:33	15	120	248	300	065:04:02.99 N	096:09:59.39 W
Fall	C-GLYF	1283	SCHED	10/02/2021 23:25:52	16	10	135	142	065:06:16.19 N	096:17:22.80 W
Fall	C-GLYF	1283	ARRIVAL	10/02/2021 23:26:34	3	0	134	160	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1283	XML_FLIGHT_SUMMARY	10/02/2021 23:26:35	0	0	0	0		
Fall	C-GLYF	1283	SCHED	10/02/2021 23:28:44	17	39	140	132	065:06:14.39 N	096:17:19.20 W
Fall	C-GLYF	1284	DEPARTURE	10/02/2021 23:28:58	4	84	169	137	065:06:04.20 N	096:16:45.00 W
Fall	C-GLYF	1284	SCHED	10/02/2021 23:31:05	18	112	334	124	065:04:06.60 N	096:09:32.39 W
Fall	C-GLYF	1284	SCHED	10/02/2021 23:33:12	19	25	161	212	065:02:48.60 N	096:08:51.59 W
Fall	C-GLYF	1284	SCHED	10/02/2021 23:35:35	20	20	152	228	065:01:57.60 N	096:09:24.59 W
Fall	C-GLYF	1284	ARRIVAL	10/02/2021 23:36:38	4	0	151	80	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1284	XML_FLIGHT_SUMMARY	10/02/2021 23:36:39	0	0	0	0		
Fall	C-GLYF	1284	SCHED	10/02/2021 23:38:45	21	0	151	80	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1284	SCHED	10/02/2021 23:40:59	22	0	152	310	065:01:52.19 N	096:09:31.19 W
Fall	C-GLYF	1285	POWER_ON	10/03/2021 12:31:07	NA	NA	NA	NA		
Fall	C-GLYF	1285	SCHED	10/03/2021 12:31:46	1	0	0	0	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:33:52	2	0	153	0	065:01:52.19 N	096:09:31.19 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:36:04	3	0	154	118	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:38:16	4	0	155	118	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1285	DEPARTURE	10/03/2021 12:39:50	1	94	194	251	065:01:33.59 N	096:09:45.00 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:42:00	5	102	166	344	065:03:42.60 N	096:15:39.59 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:44:08	6	0	143	161	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1285	ARRIVAL	10/03/2021 12:44:51	1	0	143	161	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1285	XML_FLIGHT_SUMMARY	10/03/2021 12:44:52	0	0	0	0		
Fall	C-GLYF	1285	SCHED	10/03/2021 12:47:00	7	0	147	161	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:49:09	8	0	148	161	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:51:15	9	0	148	161	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1285	SCHED	10/03/2021 12:54:45	10	90	175	126	065:05:31.19 N	096:16:17.39 W
Fall	C-GLYF	1286	DEPARTURE	10/03/2021 12:54:57	2	74	173	153	065:05:52.80 N	096:17:13.20 W
Fall	C-GLYF	1286	SCHED	10/03/2021 12:57:05	11	89	191	107	065:03:07.80 N	096:09:00.00 W
Fall	C-GLYF	1286	SCHED	10/03/2021 12:59:17	12	11	153	119	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1286	ARRIVAL	10/03/2021 13:00:26	2	0	144	220	065:01:25.20 N	096:04:14.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1286	XML_FLIGHT_SUMMARY	10/03/2021 13:00:27	0	0	0	0		
Fall	C-GLYF	1286	SCHED	10/03/2021 13:02:41	13	0	140	220	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1287	POWER_ON	10/03/2021 13:09:12	NA	NA	NA	NA		
Fall	C-GLYF	1287	SCHED	10/03/2021 13:11:56	1	123	221	294	065:02:36.00 N	096:06:55.20 W
Fall	C-GLYF	1287	DEPARTURE	10/03/2021 13:12:08	1	68	197	38	065:01:21.60 N	096:03:39.60 W
Fall	C-GLYF	1287	ARRIVAL	10/03/2021 13:14:14	1	0	152	71	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1287	XML_FLIGHT_SUMMARY	10/03/2021 13:14:15	0	0	0	0		
Fall	C-GLYF	1287	SCHED	10/03/2021 13:14:23	2	0	151	71	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1287	SCHED	10/03/2021 13:16:40	3	0	169	48	065:01:51.60 N	096:09:26.99 W
Fall	C-GLYF	1288	DEPARTURE	10/03/2021 13:17:14	2	72	218	255	065:01:36.00 N	096:09:52.80 W
Fall	C-GLYF	1288	SCHED	10/03/2021 13:19:24	4	101	215	330	065:04:21.00 N	096:12:05.40 W
Fall	C-GLYF	1288	SCHED	10/03/2021 13:21:45	5	22	184	131	065:06:16.19 N	096:17:24.00 W
Fall	C-GLYF	1288	ARRIVAL	10/03/2021 13:23:01	2	0	167	109	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1288	XML_FLIGHT_SUMMARY	10/03/2021 13:23:02	0	0	0	0		
Fall	C-GLYF	1289	DEPARTURE	10/03/2021 13:24:00	3	55	205	155	065:06:00.60 N	096:17:09.59 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:29:30	6	24	226	136	065:03:02.40 N	096:09:35.40 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:31:39	7	57	223	120	065:02:28.79 N	096:06:03.59 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:33:52	8	17	173	13	065:01:20.99 N	096:04:27.60 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:35:59	9	49	194	189	065:01:56.99 N	096:09:25.80 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:38:08	10	67	230	346	065:02:50.39 N	096:11:04.19 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:40:18	11	52	239	317	065:04:19.79 N	096:13:43.20 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:42:28	12	63	234	331	065:06:28.80 N	096:16:30.60 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:44:35	13	67	196	280	065:06:10.20 N	096:17:36.59 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:47:22	14	0	147	274	065:06:25.80 N	096:17:31.79 W
Fall	C-GLYF	1289	ARRIVAL	10/03/2021 13:47:33	3	0	147	274	065:06:25.80 N	096:17:31.79 W
Fall	C-GLYF	1289	XML_FLIGHT_SUMMARY	10/03/2021 13:47:34	0	0	0	0		
Fall	C-GLYF	1289	SCHED	10/03/2021 13:49:42	15	1	163	328	065:06:25.20 N	096:17:33.00 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:51:50	16	0	161	12	065:06:25.20 N	096:17:33.00 W
Fall	C-GLYF	1289	SCHED	10/03/2021 13:54:45	17	0	163	358	065:06:25.20 N	096:17:32.39 W
Fall	C-GLYF	1290	DEPARTURE	10/03/2021 13:56:01	4	64	199	147	065:06:10.79 N	096:17:09.59 W
Fall	C-GLYF	1290	SCHED	10/03/2021 13:58:09	18	63	231	136	065:04:25.20 N	096:13:39.59 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:00:16	19	59	207	144	065:02:38.39 N	096:10:35.99 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:02:23	20	102	217	331	065:02:16.20 N	096:10:38.99 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:04:38	21	96	213	328	065:05:09.59 N	096:15:40.80 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:06:45	22	55	206	166	065:06:01.79 N	096:17:15.60 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:08:53	23	49	212	143	065:04:23.39 N	096:14:45.59 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:10:59	24	55	212	139	065:02:49.79 N	096:12:22.19 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:13:09	25	23	194	134	065:01:55.80 N	096:09:37.80 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:15:32	26	36	207	6	065:02:22.20 N	096:09:11.99 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:17:40	27	57	181	96	065:02:31.19 N	096:06:18.00 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:19:57	28	4	147	160	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1290	SCHED	10/03/2021 14:23:00	29	0	139	336	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1290	ARRIVAL	10/03/2021 14:24:05	4	0	142	128	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1290	XML_FLIGHT_SUMMARY	10/03/2021 14:24:06	0	0	0	0		
Fall	C-GLYF	1291	POWER_ON	10/03/2021 14:25:30	NA	NA	NA	NA		
Fall	C-GLYF	1291	SCHED	10/03/2021 14:26:06	1	1	142	337	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1291	POWER_ON	10/03/2021 15:22:54	NA	NA	NA	NA		
Fall	C-GLYF	1291	SCHED	10/03/2021 15:23:35	1	0	143	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:25:48	2	0	137	220	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:28:03	3	0	139	192	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:30:09	4	0	142	335	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:32:22	5	0	143	335	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:34:36	6	1	141	154	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1291	DEPARTURE	10/03/2021 15:35:27	1	85	157	305	065:01:37.19 N	096:04:41.99 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:37:42	7	4	160	168	065:01:52.19 N	096:09:31.79 W
Fall	C-GLYF	1291	ARRIVAL	10/03/2021 15:38:31	1	0	153	146	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:40:45	8	0	149	146	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:42:59	9	0	145	146	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:45:19	10	0	142	146	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:47:35	11	0	139	180	065:01:51.60 N	096:09:31.19 W
Fall	C-GLYF	1291	DEPARTURE	10/03/2021 15:48:35	2	89	183	260	065:01:36.59 N	096:05:51.59 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:50:45	12	127	185	334	065:05:34.19 N	096:16:06.60 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:52:52	13	129	195	336	065:09:26.39 N	096:21:22.80 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:54:59	14	125	195	321	065:13:37.20 N	096:25:10.80 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:57:04	15	133	234	344	065:17:09.59 N	096:31:07.80 W
Fall	C-GLYF	1291	SCHED	10/03/2021 15:59:11	16	132	205	335	065:21:15.00 N	096:35:41.39 W
Fall	C-GLYF	1291	SCHED	10/03/2021 16:01:22	17	3	163	88	065:23:54.59 N	096:40:31.79 W
Fall	C-GLYF	1291	ARRIVAL	10/03/2021 16:02:11	2	0	159	70	065:23:54.59 N	096:40:31.19 W
Fall	C-GLYF	1291	XML_FLIGHT_SUMMARY	10/03/2021 16:02:12	0	0	0	0		
Fall	C-GLYF	1291	SCHED	10/03/2021 16:04:17	18	0	158	70	065:23:54.59 N	096:40:30.60 W
Fall	C-GLYF	1291	SCHED	10/03/2021 16:06:31	19	0	157	70	065:23:54.59 N	096:40:30.60 W
Fall	C-GLYF	1291	SCHED	10/03/2021 16:08:38	20	0	156	70	065:23:54.59 N	096:40:30.60 W
Fall	C-GLYF	1292	POWER_ON	10/03/2021 16:09:07	NA	NA	NA	NA		
Fall	C-GLYF	1292	SCHED	10/03/2021 16:09:45	1	0	164	275	065:23:54.59 N	096:40:31.19 W
Fall	C-GLYF	1292	POWER_ON	10/03/2021 16:26:51	NA	NA	NA	NA		
Fall	C-GLYF	1292	SCHED	10/03/2021 16:27:27	1	0	164	66	065:23:54.59 N	096:40:30.60 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:30:21	2	74	187	170	065:23:38.40 N	096:39:57.00 W
Fall	C-GLYF	1292	DEPARTURE	10/03/2021 16:30:28	1	70	178	157	065:23:42.60 N	096:39:59.39 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:32:43	3	103	196	89	065:20:56.99 N	096:34:30.00 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:34:58	4	95	160	128	065:19:56.99 N	096:26:28.79 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:37:05	5	92	141	149	065:17:16.79 N	096:21:26.39 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:39:17	6	96	146	165	065:14:00.60 N	096:20:53.40 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:41:25	7	97	152	171	065:10:36.60 N	096:18:41.39 W
Fall	C-GLYF	1292	SCHED	10/03/2021 16:43:37	8	91	174	165	065:07:09.59 N	096:18:05.40 W
Fall	C-GLYF	1292	ARRIVAL	10/03/2021 16:45:16	1	0	141	157	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1292	XML_FLIGHT_SUMMARY	10/03/2021 16:45:17	0	0	0	0		
Fall	C-GLYF	1292	SCHED	10/03/2021 16:47:22	9	0	141	157	065:06:15.00 N	096:17:21.59 W
Fall	C-GLYF	1293	DEPARTURE	10/03/2021 16:49:43	2	76	169	174	065:05:56.99 N	096:17:08.99 W
Fall	C-GLYF	1293	SCHED	10/03/2021 16:52:00	10	88	179	131	065:03:37.80 N	096:10:38.99 W
Fall	C-GLYF	1293	SCHED	10/03/2021 16:54:08	11	62	163	129	065:01:35.40 N	096:04:36.00 W
Fall	C-GLYF	1293	ARRIVAL	10/03/2021 16:55:24	2	0	139	119	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1293	XML_FLIGHT_SUMMARY	10/03/2021 16:55:25	0	0	0	0		
Fall	C-GLYF	1294	POWER_ON	10/03/2021 18:21:32	NA	NA	NA	NA		
Fall	C-GLYF	1294	SCHED	10/03/2021 18:22:08	1	0	135	293	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:24:17	2	0	135	293	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1294	DEPARTURE	10/03/2021 18:25:10	1	90	191	329	065:01:41.39 N	096:04:50.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1294	SCHED	10/03/2021 18:28:03	3	1	169	226	065:01:52.19 N	096:09:28.80 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:30:10	4	104	224	316	065:04:16.20 N	096:13:06.00 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:32:21	5	27	176	74	065:06:14.39 N	096:17:28.20 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:34:32	6	59	182	143	065:05:12.60 N	096:16:13.79 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:36:56	7	59	229	134	065:03:37.80 N	096:12:56.99 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:39:15	8	19	193	140	065:01:54.00 N	096:09:30.60 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:41:25	9	86	228	325	065:03:13.20 N	096:12:42.60 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:43:33	10	81	206	333	065:05:46.19 N	096:16:56.39 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:45:51	11	0	148	84	065:06:14.39 N	096:17:22.80 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:48:02	12	45	187	140	065:05:05.40 N	096:16:06.60 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:50:08	13	56	217	146	065:03:38.39 N	096:13:00.00 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:52:20	14	60	204	129	065:02:07.80 N	096:10:13.80 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:54:38	15	71	205	349	065:02:25.20 N	096:10:37.80 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:56:45	16	89	195	281	065:05:16.19 N	096:13:53.39 W
Fall	C-GLYF	1294	SCHED	10/03/2021 18:58:52	17	69	162	164	065:05:59.99 N	096:17:06.60 W
Fall	C-GLYF	1294	SCHED	10/03/2021 19:00:59	18	64	182	131	065:04:25.20 N	096:13:30.00 W
Fall	C-GLYF	1294	SCHED	10/03/2021 19:03:06	19	54	173	153	065:02:45.00 N	096:10:44.39 W
Fall	C-GLYF	1294	SCHED	10/03/2021 19:05:17	20	0	143	148	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1294	ARRIVAL	10/03/2021 19:05:52	1	0	142	148	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1294	XML_FLIGHT_SUMMARY	10/03/2021 19:05:53	0	0	0	0		
Fall	C-GLYF	1295	DEPARTURE	10/03/2021 19:07:37	2	85	177	223	065:01:31.19 N	096:09:39.59 W
Fall	C-GLYF	1295	SCHED	10/03/2021 19:09:49	21	122	143	338	065:04:48.60 N	096:15:25.79 W
Fall	C-GLYF	1295	ARRIVAL	10/03/2021 19:11:54	2	0	130	187	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1295	XML_FLIGHT_SUMMARY	10/03/2021 19:11:55	0	0	0	0		
Fall	C-GLYF	1295	SCHED	10/03/2021 19:12:02	22	0	130	187	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1295	SCHED	10/03/2021 19:14:10	23	0	131	187	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1295	SCHED	10/03/2021 19:16:17	24	0	132	167	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1296	POWER_ON	10/03/2021 20:05:27	NA	NA	NA	NA		
Fall	C-GLYF	1296	SCHED	10/03/2021 20:06:07	1	0	137	0	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1296	SCHED	10/03/2021 20:09:07	2	0	132	25	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1296	DEPARTURE	10/03/2021 20:09:52	1	82	158	146	065:05:57.60 N	096:16:58.19 W
Fall	C-GLYF	1296	SCHED	10/03/2021 20:11:59	3	87	184	147	065:02:55.80 N	096:13:47.39 W
Fall	C-GLYF	1296	SCHED	10/03/2021 20:14:19	4	0	145	100	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1296	ARRIVAL	10/03/2021 20:15:02	1	0	143	100	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1296	XML_FLIGHT_SUMMARY	10/03/2021 20:15:03	0	0	0	0		
Fall	C-GLYF	1297	DEPARTURE	10/03/2021 20:15:57	2	104	148	8	065:02:13.20 N	096:09:13.80 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:19:25	5	0	128	219	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1297	ARRIVAL	10/03/2021 20:19:39	2	0	128	219	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:21:47	6	0	127	219	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:23:54	7	0	129	219	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:26:06	8	0	129	219	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:29:06	9	0	129	307	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1297	DEPARTURE	10/03/2021 20:30:22	3	87	161	74	065:01:20.99 N	096:03:25.20 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:32:33	10	122	165	313	065:02:57.60 N	096:07:52.80 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:34:40	11	74	153	152	065:02:50.39 N	096:07:52.80 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:36:47	12	3	134	121	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1297	ARRIVAL	10/03/2021 20:37:50	3	0	135	141	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1297	XML_FLIGHT_SUMMARY	10/03/2021 20:37:51	0	0	0	0		
Fall	C-GLYF	1297	SCHED	10/03/2021 20:39:56	13	0	135	141	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1297	SCHED	10/03/2021 20:42:03	14	0	139	24	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1298	POWER_ON	10/04/2021 12:22:33	NA	NA	NA	NA		
Fall	C-GLYF	1298	SCHED	10/04/2021 12:23:22	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1298	POWER_ON	10/04/2021 13:52:15	NA	NA	NA	NA		
Fall	C-GLYF	1298	SCHED	10/04/2021 13:52:49	1	1	154	335	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1298	DEPARTURE	10/04/2021 13:55:02	1	86	168	306	065:01:40.80 N	096:04:57.60 W
Fall	C-GLYF	1298	SCHED	10/04/2021 13:57:09	2	77	164	280	065:03:10.79 N	096:09:29.40 W
Fall	C-GLYF	1298	SCHED	10/04/2021 13:59:16	3	61	157	281	065:04:47.40 N	096:13:10.80 W
Fall	C-GLYF	1298	SCHED	10/04/2021 14:01:27	4	65	122	19	065:05:47.40 N	096:16:20.40 W
Fall	C-GLYF	1298	SCHED	10/04/2021 14:03:40	5	0	142	192	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1298	ARRIVAL	10/04/2021 14:04:08	1	0	139	192	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1298	XML_FLIGHT_SUMMARY	10/04/2021 14:04:09	0	0	0	0		
Fall	C-GLYF	1299	DEPARTURE	10/04/2021 14:04:58	2	51	142	154	065:06:01.20 N	096:17:08.99 W
Fall	C-GLYF	1299	SCHED	10/04/2021 14:07:07	6	52	155	97	065:04:35.39 N	096:13:44.39 W
Fall	C-GLYF	1299	SCHED	10/04/2021 14:09:15	7	69	160	123	065:03:35.39 N	096:09:50.40 W
Fall	C-GLYF	1299	SCHED	10/04/2021 14:11:24	8	73	140	114	065:02:30.59 N	096:06:12.60 W
Fall	C-GLYF	1299	SCHED	10/04/2021 14:13:40	9	0	138	124	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1299	ARRIVAL	10/04/2021 14:13:50	2	0	138	124	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1299	XML_FLIGHT_SUMMARY	10/04/2021 14:13:51	0	0	0	0		
Fall	C-GLYF	1299	SCHED	10/04/2021 14:15:59	10	0	135	124	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1300	POWER_ON	10/04/2021 18:42:43	NA	NA	NA	NA		
Fall	C-GLYF	1300	SCHED	10/04/2021 18:43:20	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1300	SCHED	10/04/2021 18:45:26	2	76	129	304	065:01:37.80 N	096:04:40.80 W
Fall	C-GLYF	1300	DEPARTURE	10/04/2021 18:45:47	1	80	126	305	065:01:39.59 N	096:04:48.60 W
Fall	C-GLYF	1300	SCHED	10/04/2021 18:48:03	3	89	82	303	065:03:53.99 N	096:11:06.59 W
Fall	C-GLYF	1300	SCHED	10/04/2021 18:50:10	4	90	132	324	065:05:37.19 N	096:17:31.20 W
Fall	C-GLYF	1300	SCHED	10/04/2021 18:52:17	5	0	134	22	065:06:14.39 N	096:17:21.59 W
Fall	C-GLYF	1300	ARRIVAL	10/04/2021 18:52:26	1	0	134	22	065:06:14.39 N	096:17:21.59 W
Fall	C-GLYF	1300	XML_FLIGHT_SUMMARY	10/04/2021 18:52:27	0	0	0	0		
Fall	C-GLYF	1300	SCHED	10/04/2021 18:54:37	6	0	132	22	065:06:14.39 N	096:17:21.59 W
Fall	C-GLYF	1301	POWER_ON	10/04/2021 19:45:00	NA	NA	NA	NA		
Fall	C-GLYF	1301	SCHED	10/04/2021 19:45:40	1	0	131	0	065:06:14.39 N	096:17:21.59 W
Fall	C-GLYF	1301	SCHED	10/04/2021 19:47:48	2	85	149	146	065:06:12.60 N	096:16:41.99 W
Fall	C-GLYF	1301	DEPARTURE	10/04/2021 19:47:55	1	87	149	152	065:06:11.40 N	096:16:40.80 W
Fall	C-GLYF	1301	SCHED	10/04/2021 19:50:09	3	101	176	115	065:03:31.19 N	096:11:23.99 W
Fall	C-GLYF	1301	SCHED	10/04/2021 19:52:21	4	58	150	134	065:01:30.59 N	096:04:26.99 W
Fall	C-GLYF	1301	ARRIVAL	10/04/2021 19:53:56	1	0	128	130	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1301	XML_FLIGHT_SUMMARY	10/04/2021 19:53:57	0	0	0	0		
Fall	C-GLYF	1301	SCHED	10/04/2021 19:56:05	5	0	127	130	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1302	POWER_ON	10/04/2021 22:09:43	NA	NA	NA	NA		
Fall	C-GLYF	1302	SCHED	10/04/2021 22:10:21	1	0	107	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1302	SCHED	10/04/2021 22:12:28	2	1	111	129	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1302	DEPARTURE	10/04/2021 22:12:57	1	78	124	311	065:01:39.59 N	096:04:47.40 W
Fall	C-GLYF	1302	SCHED	10/04/2021 22:15:06	3	14	147	158	065:01:25.20 N	096:04:13.20 W
Fall	C-GLYF	1302	ARRIVAL	10/04/2021 22:16:11	1	0	134	279	065:01:23.99 N	096:04:14.39 W
Fall	C-GLYF	1302	SCHED	10/04/2021 22:18:26	4	0	134	279	065:01:23.99 N	096:04:14.39 W
Fall	C-GLYF	1302	SCHED	10/04/2021 22:20:33	5	0	134	279	065:01:23.99 N	096:04:14.39 W

Table 4 Track Data (2021)											
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude	
Fall	C-GLYF	1302	SCHED	10/04/2021 22:22:44	6	0	134	279	065:01:23.99 N	096:04:14.39 W	
Fall	C-GLYF	1302	DEPARTURE	10/04/2021 22:23:19	2	84	153	309	065:01:38.39 N	096:04:46.19 W	
Fall	C-GLYF	1302	SCHED	10/04/2021 22:26:17	7	103	181	300	065:04:21.59 N	096:11:50.40 W	
Fall	C-GLYF	1302	SCHED	10/04/2021 22:28:31	8	2	137	153	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1302	ARRIVAL	10/04/2021 22:30:05	2	0	136	153	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1302	XML_FLIGHT_SUMMARY	10/04/2021 22:30:06	0	0	0	0			
Fall	C-GLYF	1302	SCHED	10/04/2021 22:32:12	9	0	138	175	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1302	SCHED	10/04/2021 22:34:19	10	0	138	175	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1302	SCHED	10/04/2021 22:36:27	11	0	139	175	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1302	SCHED	10/04/2021 22:38:45	12	0	138	175	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1303	DEPARTURE	10/04/2021 22:39:17	3	89	169	141	065:06:12.60 N	096:16:38.39 W	
Fall	C-GLYF	1303	SCHED	10/04/2021 22:41:23	13	108	196	105	065:02:58.19 N	096:11:40.20 W	
Fall	C-GLYF	1303	SCHED	10/04/2021 22:43:31	14	62	169	111	065:01:25.79 N	096:04:37.80 W	
Fall	C-GLYF	1303	ARRIVAL	10/04/2021 22:44:45	3	0	136	130	065:01:26.40 N	096:04:16.20 W	
Fall	C-GLYF	1303	XML_FLIGHT_SUMMARY	10/04/2021 22:44:46	0	0	0	0			
Fall	C-GLYF	1304	POWER_ON	10/05/2021 12:32:26	NA	NA	NA	NA			
Fall	C-GLYF	1304	SCHED	10/05/2021 12:34:03	1	1	0	309	065:01:26.40 N	096:04:18.00 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:36:15	2	1	142	274	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1304	DEPARTURE	10/05/2021 12:36:38	1	83	135	311	065:01:40.80 N	096:04:52.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:38:49	3	64	151	255	065:03:10.20 N	096:09:03.00 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:40:58	4	88	133	313	065:05:07.20 N	096:14:54.60 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:43:06	5	0	147	267	065:06:24.59 N	096:17:31.79 W	
Fall	C-GLYF	1304	ARRIVAL	10/05/2021 12:45:10	1	0	142	281	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	XML_FLIGHT_SUMMARY	10/05/2021 12:45:11	0	0	0	0			
Fall	C-GLYF	1304	SCHED	10/05/2021 12:45:19	6	0	142	281	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:47:27	7	0	143	281	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:49:36	8	0	140	281	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:51:46	9	0	140	281	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:53:55	10	0	139	281	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:56:03	11	0	139	255	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1304	SCHED	10/05/2021 12:58:14	12	0	140	255	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1305	DEPARTURE	10/05/2021 13:00:16	2	88	170	38	065:06:31.80 N	096:17:34.79 W	
Fall	C-GLYF	1305	SCHED	10/05/2021 13:02:43	13	94	174	64	065:02:01.80 N	096:10:10.20 W	
Fall	C-GLYF	1305	SCHED	10/05/2021 13:04:52	14	20	162	283	065:01:26.40 N	096:04:07.80 W	
Fall	C-GLYF	1305	ARRIVAL	10/05/2021 13:06:26	2	0	140	308	065:01:24.59 N	096:04:14.39 W	
Fall	C-GLYF	1305	XML_FLIGHT_SUMMARY	10/05/2021 13:06:27	0	0	0	0			
Fall	C-GLYF	1305	SCHED	10/05/2021 13:08:36	15	0	140	308	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1305	SCHED	10/05/2021 13:10:46	16	0	140	134	065:01:25.20 N	096:04:15.00 W	
Fall	C-GLYF	1306	POWER_ON	10/05/2021 15:58:16	NA	NA	NA	NA			
Fall	C-GLYF	1306	SCHED	10/05/2021 15:58:43	1	0	0	0	065:01:24.59 N	096:04:14.39 W	
Fall	C-GLYF	1306	DEPARTURE	10/05/2021 16:00:43	1	60	188	316	065:01:37.19 N	096:04:38.99 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:02:51	2	97	257	189	065:02:13.80 N	096:08:58.79 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:04:58	3	110	239	72	065:00:24.59 N	096:05:51.60 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:07:12	4	45	178	341	065:01:23.99 N	096:04:30.00 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:09:19	5	65	254	290	065:02:58.80 N	096:08:21.60 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:11:26	6	63	229	304	065:03:58.19 N	096:12:35.40 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:13:33	7	59	194	307	065:05:19.79 N	096:16:18.60 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:15:49	8	1	161	352	065:06:15.00 N	096:17:23.40 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:18:02	9	91	236	163	065:04:43.80 N	096:15:18.60 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:20:17	10	97	236	144	065:02:24.00 N	096:09:40.80 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:22:27	11	60	205	339	065:02:45.60 N	096:10:12.59 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:24:34	12	61	220	299	065:04:01.19 N	096:13:45.60 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:26:45	13	57	190	334	065:05:37.19 N	096:16:48.00 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:28:58	14	101	227	163	065:05:41.99 N	096:16:08.99 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:31:14	15	105	246	146	065:02:25.79 N	096:11:32.39 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:33:21	16	60	206	313	065:02:22.20 N	096:10:47.39 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:35:28	17	67	233	322	065:04:02.99 N	096:14:18.00 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:37:43	18	60	199	339	065:05:55.79 N	096:17:22.80 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:39:52	19	41	196	228	065:06:14.39 N	096:17:34.19 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:42:00	20	85	251	120	065:04:21.00 N	096:13:04.19 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:44:07	21	89	264	122	065:02:48.60 N	096:06:55.80 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:46:19	22	54	225	249	065:01:27.60 N	096:04:15.00 W	
Fall	C-GLYF	1306	ARRIVAL	10/05/2021 16:48:26	1	0	142	130	065:01:26.40 N	096:04:16.20 W	
Fall	C-GLYF	1306	XML_FLIGHT_SUMMARY	10/05/2021 16:48:27	0	0	0	0			
Fall	C-GLYF	1306	SCHED	10/05/2021 16:48:33	23	0	142	130	065:01:26.40 N	096:04:16.20 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:50:40	24	0	138	130	065:01:26.40 N	096:04:16.20 W	
Fall	C-GLYF	1306	SCHED	10/05/2021 16:52:49	25	0	141	192	065:01:26.40 N	096:04:16.20 W	
Fall	C-GLYF	1307	POWER_ON	10/05/2021 22:30:27	NA	NA	NA	NA			
Fall	C-GLYF	1307	SCHED	10/05/2021 22:31:04	1	0	0	0	065:01:26.40 N	096:04:16.79 W	
Fall	C-GLYF	1307	SCHED	10/05/2021 22:33:14	2	7	0	190	065:01:26.40 N	096:04:17.39 W	
Fall	C-GLYF	1307	SCHED	10/05/2021 22:35:24	3	0	318	129	065:01:27.60 N	096:04:19.79 W	
Fall	C-GLYF	1307	DEPARTURE	10/05/2021 22:36:27	1	60	336	299	065:01:38.39 N	096:04:45.60 W	
Fall	C-GLYF	1307	SCHED	10/05/2021 22:38:44	4	90	221	318	065:03:15.59 N	096:11:07.19 W	
Fall	C-GLYF	1307	SCHED	10/05/2021 22:41:09	5	91	221	322	065:05:40.19 N	096:16:21.59 W	
Fall	C-GLYF	1307	ARRIVAL	10/05/2021 22:42:53	1	0	144	293	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1307	XML_FLIGHT_SUMMARY	10/05/2021 22:42:54	0	0	0	0			
Fall	C-GLYF	1307	SCHED	10/05/2021 22:45:03	6	0	146	324	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1307	SCHED	10/05/2021 22:47:11	7	0	141	324	065:06:15.59 N	096:17:21.59 W	
Fall	C-GLYF	1307	SCHED	10/05/2021 22:49:21	8	0	143	324	065:06:15.59 N	096:17:22.19 W	
Fall	C-GLYF	1308	DEPARTURE	10/05/2021 22:50:47	2	103	177	142	065:05:54.59 N	096:17:21.59 W	
Fall	C-GLYF	1308	SCHED	10/05/2021 22:52:56	9	125	208	122	065:03:08.40 N	096:08:59.39 W	
Fall	C-GLYF	1308	SCHED	10/05/2021 22:55:03	10	0	136	33	065:01:26.40 N	096:04:17.39 W	
Fall	C-GLYF	1308	ARRIVAL	10/05/2021 22:55:32	2	0	136	33	065:01:26.40 N	096:04:17.39 W	
Fall	C-GLYF	1308	XML_FLIGHT_SUMMARY	10/05/2021 22:55:33	0	0	0	0			
Fall	C-GLYF	1309	DEPARTURE	10/05/2021 22:57:54	3	67	220	331	065:01:39.59 N	096:04:39.60 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:00:01	11	66	245	304	065:03:57.60 N	096:10:31.79 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:02:09	12	65	215	304	065:05:13.79 N	096:14:55.80 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:04:18	13	0	156	307	065:06:15.00 N	096:17:23.40 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:06:29	14	76	283	126	065:04:46.80 N	096:14:56.39 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:08:42	15	77	275	120	065:03:17.39 N	096:09:25.80 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:10:52	16	72	249	166	065:01:26.40 N	096:05:18.00 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:13:00	17	15	147	84	065:01:27.00 N	096:04:15.00 W	
Fall	C-GLYF	1309	ARRIVAL	10/05/2021 23:14:06	3	0	138	307	065:01:24.59 N	096:04:15.00 W	
Fall	C-GLYF	1309	XML_FLIGHT_SUMMARY	10/05/2021 23:14:07	0	0	0	0			
Fall	C-GLYF	1309	SCHED	10/05/2021 23:16:24	18	0	141	307	065:01:24.59 N	096:04:14.39 W	
Fall	C-GLYF	1309	SCHED	10/05/2021 23:18:34	19	0	143	154	065:01:24.59 N	096:04:15.00 W	

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1309	SCHED	10/05/2021 23:20:41	20	0	142	51	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1310	POWER_ON	10/06/2021 12:31:06	NA	NA	NA	NA		
Fall	C-GLYF	1310	SCHED	10/06/2021 12:31:44	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:33:57	2	0	152	14	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:36:23	3	0	152	100	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:38:41	4	0	138	268	065:01:26.40 N	096:04:18.00 W
Fall	C-GLYF	1310	DEPARTURE	10/06/2021 12:40:06	1	87	159	306	065:01:40.20 N	096:04:56.40 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:42:17	5	108	202	316	065:04:00.00 N	096:11:04.79 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:44:34	6	27	161	28	065:06:12.00 N	096:17:27.00 W
Fall	C-GLYF	1310	ARRIVAL	10/06/2021 12:45:35	1	0	141	283	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1310	XML_FLIGHT_SUMMARY	10/06/2021 12:45:36	0	0	0	0		
Fall	C-GLYF	1310	SCHED	10/06/2021 12:47:42	7	0	147	283	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:49:53	8	0	142	283	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:52:02	9	0	139	283	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:54:13	10	0	138	61	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1310	SCHED	10/06/2021 12:56:23	11	0	136	275	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1311	DEPARTURE	10/06/2021 12:58:13	2	71	186	47	065:06:33.00 N	096:17:19.79 W
Fall	C-GLYF	1311	SCHED	10/06/2021 13:01:12	12	122	209	127	065:03:25.79 N	096:09:47.39 W
Fall	C-GLYF	1311	SCHED	10/06/2021 13:03:26	13	0	139	74	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1311	ARRIVAL	10/06/2021 13:04:00	2	0	138	74	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1311	XML_FLIGHT_SUMMARY	10/06/2021 13:04:01	0	0	0	0		
Fall	C-GLYF	1312	DEPARTURE	10/06/2021 13:06:06	3	67	201	325	065:01:41.39 N	096:04:44.39 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:08:19	14	76	269	317	065:03:05.99 N	096:09:18.00 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:10:32	15	76	225	306	065:04:52.80 N	096:14:12.60 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:12:51	16	27	176	15	065:06:16.19 N	096:17:21.59 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:15:00	17	88	256	144	065:03:53.40 N	096:13:20.40 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:17:05	18	7	199	29	065:01:50.99 N	096:09:27.60 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:19:15	19	71	226	324	065:03:18.59 N	096:12:26.99 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:21:27	20	75	201	315	065:05:25.20 N	096:16:01.19 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:23:37	21	86	257	138	065:06:17.39 N	096:16:34.19 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:25:45	22	76	267	127	065:04:15.59 N	096:12:05.40 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:29:23	23	75	234	167	065:01:34.20 N	096:05:13.79 W
Fall	C-GLYF	1312	ARRIVAL	10/06/2021 13:31:20	3	0	146	117	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1312	XML_FLIGHT_SUMMARY	10/06/2021 13:31:21	0	0	0	0		
Fall	C-GLYF	1312	SCHED	10/06/2021 13:33:37	24	0	140	117	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:35:45	25	0	136	225	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:37:52	26	0	134	225	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:40:01	27	0	133	213	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:42:15	28	0	129	27	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1312	SCHED	10/06/2021 13:44:23	29	9	132	343	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1313	DEPARTURE	10/06/2021 13:44:46	4	78	183	346	065:01:45.00 N	096:04:30.59 W
Fall	C-GLYF	1313	SCHED	10/06/2021 13:47:15	30	129	259	149	065:03:53.40 N	096:03:33.59 W
Fall	C-GLYF	1313	SCHED	10/06/2021 13:49:22	31	0	138	30	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1313	ARRIVAL	10/06/2021 13:49:40	4	0	138	30	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1313	XML_FLIGHT_SUMMARY	10/06/2021 13:49:41	0	0	0	0		
Fall	C-GLYF	1313	SCHED	10/06/2021 13:51:52	32	0	133	30	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1314	POWER_ON	10/06/2021 20:06:09	NA	NA	NA	NA		
Fall	C-GLYF	1314	SCHED	10/06/2021 20:07:07	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1314	DEPARTURE	10/06/2021 20:09:14	1	85	154	326	065:01:42.00 N	096:04:52.19 W
Fall	C-GLYF	1314	SCHED	10/06/2021 20:11:22	2	105	257	304	065:03:42.60 N	096:11:34.20 W
Fall	C-GLYF	1314	SCHED	10/06/2021 20:13:33	3	73	194	335	065:06:16.19 N	096:17:15.60 W
Fall	C-GLYF	1314	ARRIVAL	10/06/2021 20:15:26	1	0	128	298	065:06:14.39 N	096:17:29.39 W
Fall	C-GLYF	1314	XML_FLIGHT_SUMMARY	10/06/2021 20:15:27	0	0	0	0		
Fall	C-GLYF	1314	SCHED	10/06/2021 20:18:27	4	2	157	261	065:06:13.79 N	096:17:28.79 W
Fall	C-GLYF	1315	DEPARTURE	10/06/2021 20:19:27	2	66	231	63	065:06:28.80 N	096:17:07.19 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:21:39	5	78	245	111	065:05:41.99 N	096:10:47.39 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:23:46	6	80	280	104	065:04:53.40 N	096:04:20.40 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:25:55	7	13	203	304	065:03:52.19 N	096:00:13.19 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:28:05	8	10	211	264	065:03:47.39 N	096:00:19.20 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:30:18	9	88	235	213	065:03:07.20 N	096:01:07.19 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:32:44	10	2	148	181	065:01:27.00 N	096:04:18.59 W
Fall	C-GLYF	1315	ARRIVAL	10/06/2021 20:33:42	2	0	135	244	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1315	XML_FLIGHT_SUMMARY	10/06/2021 20:33:43	0	0	0	0		
Fall	C-GLYF	1315	SCHED	10/06/2021 20:35:56	11	0	133	200	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:38:04	12	0	133	328	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:40:10	13	0	130	138	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:42:17	14	0	134	203	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:44:23	15	0	131	203	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:46:29	16	0	132	2	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1315	SCHED	10/06/2021 20:48:37	17	2	140	294	065:01:25.20 N	096:04:13.79 W
Fall	C-GLYF	1316	DEPARTURE	10/06/2021 20:49:07	3	63	206	323	065:01:37.19 N	096:04:41.39 W
Fall	C-GLYF	1316	SCHED	10/06/2021 20:51:14	18	65	246	310	065:03:18.00 N	096:08:34.79 W
Fall	C-GLYF	1316	SCHED	10/06/2021 20:53:26	19	67	286	307	065:04:44.39 N	096:12:49.79 W
Fall	C-GLYF	1316	SCHED	10/06/2021 20:55:47	20	28	187	304	065:06:12.60 N	096:17:24.00 W
Fall	C-GLYF	1316	SCHED	10/06/2021 20:57:55	21	96	322	111	065:05:52.19 N	096:12:55.80 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:00:02	22	89	329	111	065:04:36.60 N	096:05:38.99 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:02:08	23	0	169	4	065:03:52.19 N	096:00:06.60 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:05:49	24	70	232	275	065:05:00.60 N	096:08:25.20 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:08:00	25	71	206	283	065:05:18.59 N	096:14:04.19 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:10:08	26	31	193	25	065:06:17.39 N	096:17:25.79 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:12:18	27	94	338	115	065:05:19.79 N	096:11:13.20 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:14:24	28	96	337	112	065:04:20.40 N	096:03:42.60 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:16:37	29	47	182	268	065:03:52.19 N	096:00:14.40 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:19:22	30	72	491	282	065:04:41.39 N	096:08:10.20 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:21:31	31	71	410	290	065:05:30.59 N	096:14:00.00 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:23:39	32	2	174	153	065:06:14.39 N	096:17:28.79 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:25:48	33	67	347	115	065:05:27.59 N	096:14:26.40 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:28:00	34	70	298	106	065:04:53.40 N	096:08:50.40 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:30:07	35	75	326	111	065:04:10.20 N	096:03:04.19 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:32:13	36	1	177	207	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:34:30	37	68	341	286	065:03:53.40 N	096:04:58.20 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:36:45	38	71	345	286	065:04:43.19 N	096:10:46.79 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:38:57	39	63	278	318	065:05:44.40 N	096:16:24.59 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:41:05	40	104	383	122	065:05:38.39 N	096:14:55.80 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:43:16	41	98	423	113	065:04:08.99 N	096:07:22.19 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:45:25	42	21	226	47	065:03:50.99 N	096:00:06.60 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:47:38	43	70	286	271	065:03:34.80 N	096:02:28.20 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:49:44	44	71	286	290	065:04:13.20 N	096:08:08.40 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1316	SCHED	10/06/2021 21:51:53	45	65	254	292	065:05:02.39 N	096:13:38.40 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:54:04	46	6	188	343	065:06:14.39 N	096:17:22.80 W
Fall	C-GLYF	1316	SCHED	10/06/2021 21:56:30	47	41	145	13	065:06:16.79 N	096:17:19.79 W
Fall	C-GLYF	1316	ARRIVAL	10/06/2021 21:56:40	3	0	141	111	065:06:13.79 N	096:17:21.00 W
Fall	C-GLYF	1316	XML_FLIGHT_SUMMARY	10/06/2021 21:56:41	0	0	0	0		
Fall	C-GLYF	1317	DEPARTURE	10/06/2021 21:56:50	4	92	210	95	065:06:27.00 N	096:16:51.00 W
Fall	C-GLYF	1317	SCHED	10/06/2021 21:59:02	48	120	265	153	065:02:01.80 N	096:10:54.59 W
Fall	C-GLYF	1317	ARRIVAL	10/06/2021 22:00:39	4	0	138	35	065:01:50.99 N	096:09:30.60 W
Fall	C-GLYF	1317	XML_FLIGHT_SUMMARY	10/06/2021 22:00:40	0	0	0	0		
Fall	C-GLYF	1318	DEPARTURE	10/06/2021 22:02:11	5	70	198	33	065:02:05.40 N	096:09:18.60 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:04:19	49	14	157	267	065:01:25.20 N	096:04:11.40 W
Fall	C-GLYF	1318	ARRIVAL	10/06/2021 22:05:22	5	0	132	320	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:07:28	50	0	133	320	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:09:36	51	0	133	186	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1318	DEPARTURE	10/06/2021 22:11:57	6	83	155	310	065:01:38.39 N	096:04:46.19 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:15:01	52	91	315	304	065:04:20.40 N	096:13:34.20 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:17:09	53	0	138	15	065:06:14.39 N	096:17:21.00 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:19:17	54	0	167	67	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:21:25	55	80	390	130	065:05:40.19 N	096:15:27.60 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:23:38	56	92	490	136	065:03:31.80 N	096:10:15.00 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:25:44	57	84	314	120	065:01:10.79 N	096:05:14.39 W
Fall	C-GLYF	1318	SCHED	10/06/2021 22:27:52	58	0	137	301	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1318	ARRIVAL	10/06/2021 22:28:26	6	0	136	301	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1318	XML_FLIGHT_SUMMARY	10/06/2021 22:28:27	0	0	0	0		
Fall	C-GLYF	1318	SCHED	10/06/2021 22:30:34	59	71	173	305	065:01:36.00 N	096:04:37.80 W
Fall	C-GLYF	1319	DEPARTURE	10/06/2021 22:30:44	7	72	181	309	065:01:37.19 N	096:04:41.99 W
Fall	C-GLYF	1319	SCHED	10/06/2021 22:33:48	60	99	244	312	065:04:14.40 N	096:12:12.60 W
Fall	C-GLYF	1319	SCHED	10/06/2021 22:35:55	61	0	140	296	065:06:14.39 N	096:17:22.19 W
Fall	C-GLYF	1319	ARRIVAL	10/06/2021 22:36:28	7	0	139	296	065:06:14.39 N	096:17:22.19 W
Fall	C-GLYF	1319	XML_FLIGHT_SUMMARY	10/06/2021 22:36:29	0	0	0	0		
Fall	C-GLYF	1319	SCHED	10/06/2021 22:38:35	62	39	172	249	065:06:15.59 N	096:16:38.39 W
Fall	C-GLYF	1320	DEPARTURE	10/06/2021 22:38:51	8	72	174	213	065:06:15.00 N	096:17:11.40 W
Fall	C-GLYF	1320	SCHED	10/06/2021 22:41:01	63	58	162	186	065:06:12.60 N	096:17:17.99 W
Fall	C-GLYF	1320	ARRIVAL	10/06/2021 22:42:26	8	0	142	355	065:06:14.39 N	096:17:21.59 W
Fall	C-GLYF	1320	SCHED	10/06/2021 22:44:33	64	0	137	355	065:06:13.79 N	096:17:21.59 W
Fall	C-GLYF	1320	DEPARTURE	10/06/2021 22:45:17	9	91	156	334	065:06:28.80 N	096:17:53.39 W
Fall	C-GLYF	1320	SCHED	10/06/2021 22:47:30	65	126	147	121	065:04:14.40 N	096:12:38.40 W
Fall	C-GLYF	1320	SCHED	10/06/2021 22:49:38	66	98	186	158	065:01:36.59 N	096:03:56.40 W
Fall	C-GLYF	1320	SCHED	10/06/2021 22:51:58	67	0	138	4	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1320	ARRIVAL	10/06/2021 22:52:06	9	0	141	4	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1320	XML_FLIGHT_SUMMARY	10/06/2021 22:52:07	0	0	0	0		
Fall	C-GLYF	1320	SCHED	10/06/2021 22:54:12	68	0	139	4	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	POWER_ON	10/07/2021 11:35:41	NA	NA	NA	NA		
Fall	C-GLYF	1321	SCHED	10/07/2021 11:36:20	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	SCHED	10/07/2021 11:38:28	2	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	SCHED	10/07/2021 11:40:39	3	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	SCHED	10/07/2021 11:42:50	4	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	SCHED	10/07/2021 11:44:58	5	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	POWER_ON	10/07/2021 12:33:17	NA	NA	NA	NA		
Fall	C-GLYF	1321	SCHED	10/07/2021 12:33:44	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:35:56	2	0	128	93	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:38:05	3	0	136	307	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1321	DEPARTURE	10/07/2021 12:38:33	1	90	158	310	065:01:40.20 N	096:04:53.40 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:40:49	4	130	206	309	065:04:03.59 N	096:12:34.79 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:43:53	5	0	146	140	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:46:55	6	0	146	140	065:06:15.59 N	096:17:23.40 W
Fall	C-GLYF	1321	ARRIVAL	10/07/2021 12:48:40	1	0	146	140	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1321	XML_FLIGHT_SUMMARY	10/07/2021 12:48:41	0	0	0	0		
Fall	C-GLYF	1321	SCHED	10/07/2021 12:50:52	7	0	145	140	065:06:16.19 N	096:17:24.00 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:53:04	8	0	145	140	065:06:15.59 N	096:17:24.00 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:55:24	9	0	141	140	065:06:16.19 N	096:17:23.40 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:57:44	10	0	142	140	065:06:16.19 N	096:17:23.40 W
Fall	C-GLYF	1321	SCHED	10/07/2021 12:59:56	11	0	139	140	065:06:16.19 N	096:17:23.40 W
Fall	C-GLYF	1322	DEPARTURE	10/07/2021 13:02:07	2	74	170	148	065:06:05.40 N	096:16:46.19 W
Fall	C-GLYF	1322	SCHED	10/07/2021 13:03:09	12	87	184	125	065:04:57.60 N	096:14:32.39 W
Fall	C-GLYF	1322	SCHED	10/07/2021 13:06:54	13	61	170	127	065:01:36.59 N	096:04:43.80 W
Fall	C-GLYF	1322	ARRIVAL	10/07/2021 13:08:19	2	0	144	139	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1322	XML_FLIGHT_SUMMARY	10/07/2021 13:08:20	0	0	0	0		
Fall	C-GLYF	1323	DEPARTURE	10/07/2021 13:09:37	3	90	244	342	065:01:42.00 N	096:03:55.80 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:11:43	14	110	363	308	065:03:55.19 N	096:11:05.40 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:13:49	15	75	273	13	065:06:12.00 N	096:17:48.00 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:15:59	16	2	180	153	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:18:10	17	43	278	126	065:05:07.79 N	096:14:51.00 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:20:28	18	52	273	127	065:04:01.79 N	096:11:11.39 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:22:58	19	54	274	126	065:02:54.00 N	096:07:19.79 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:25:12	20	3	189	144	065:01:20.40 N	096:04:28.20 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:27:23	21	86	257	207	065:02:19.79 N	096:09:03.59 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:29:29	22	109	308	326	065:02:14.99 N	096:11:49.79 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:31:38	23	108	331	331	065:05:22.80 N	096:16:52.19 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:33:51	24	61	243	152	065:05:53.40 N	096:16:52.19 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:35:59	25	62	297	143	065:04:04.79 N	096:13:35.40 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:38:08	26	65	277	142	065:02:17.99 N	096:10:15.00 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:40:18	27	105	269	319	065:01:43.80 N	096:11:25.20 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:42:27	28	101	314	329	065:04:52.80 N	096:15:57.60 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:44:33	29	0	177	186	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:47:47	30	63	277	141	065:03:58.19 N	096:13:12.60 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:51:41	31	96	280	278	065:01:29.39 N	096:10:48.59 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:53:51	32	111	327	328	065:04:55.79 N	096:16:07.19 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:55:59	33	1	180	211	065:06:15.00 N	096:17:21.59 W
Fall	C-GLYF	1323	SCHED	10/07/2021 13:59:02	34	65	272	140	065:04:17.39 N	096:13:54.59 W
Fall	C-GLYF	1323	SCHED	10/07/2021 14:01:09	35	66	260	148	065:02:05.99 N	096:09:56.39 W
Fall	C-GLYF	1323	SCHED	10/07/2021 14:03:17	36	61	279	108	065:02:39.59 N	096:07:10.20 W
Fall	C-GLYF	1323	SCHED	10/07/2021 14:05:33	37	3	154	140	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1323	ARRIVAL	10/07/2021 14:06:49	3	0	146	257	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1323	XML_FLIGHT_SUMMARY	10/07/2021 14:06:50	0	0	0	0		
Fall	C-GLYF	1323	SCHED	10/07/2021 14:08:59	38	0	145	257	065:01:25.20 N	096:04:14.39 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1323	SCHED	10/07/2021 14:11:04	39	0	141	51	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1323	SCHED	10/07/2021 14:13:15	40	0	140	51	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1324	DEPARTURE	10/07/2021 14:15:00	4	63	240	73	065:01:20.40 N	096:03:33.00 W
Fall	C-GLYF	1324	SCHED	10/07/2021 14:17:09	41	139	222	280	065:03:16.79 N	096:12:01.20 W
Fall	C-GLYF	1324	SCHED	10/07/2021 14:19:26	42	18	139	156	065:06:17.39 N	096:17:21.00 W
Fall	C-GLYF	1324	ARRIVAL	10/07/2021 14:20:27	4	0	135	167	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1324	XML_FLIGHT_SUMMARY	10/07/2021 14:20:28	0	0	0	0		
Fall	C-GLYF	1325	DEPARTURE	10/07/2021 14:21:29	5	70	172	133	065:06:15.59 N	096:16:38.39 W
Fall	C-GLYF	1325	SCHED	10/07/2021 14:26:07	43	93	215	148	065:02:11.99 N	096:05:40.80 W
Fall	C-GLYF	1325	ARRIVAL	10/07/2021 14:27:33	5	0	145	124	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1325	XML_FLIGHT_SUMMARY	10/07/2021 14:27:34	0	0	0	0		
Fall	C-GLYF	1325	SCHED	10/07/2021 14:29:40	44	0	145	124	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1326	POWER_ON	10/07/2021 22:03:22	NA	NA	NA	NA		
Fall	C-GLYF	1326	SCHED	10/07/2021 22:04:01	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:06:10	2	0	135	163	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:08:22	3	0	130	163	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:10:30	4	0	131	119	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:12:37	5	0	132	119	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:14:45	6	0	131	143	065:01:25.79 N	096:04:13.20 W
Fall	C-GLYF	1326	DEPARTURE	10/07/2021 22:16:28	1	65	164	309	065:01:37.19 N	096:04:31.80 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:18:46	7	139	201	254	065:03:30.00 N	096:13:49.19 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:20:56	8	10	141	202	065:06:16.19 N	096:17:22.19 W
Fall	C-GLYF	1326	ARRIVAL	10/07/2021 22:21:50	1	0	134	112	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1326	XML_FLIGHT_SUMMARY	10/07/2021 22:21:51	0	0	0	0		
Fall	C-GLYF	1326	SCHED	10/07/2021 22:23:56	9	0	133	93	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:26:03	10	0	130	93	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:28:12	11	0	128	67	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1326	SCHED	10/07/2021 22:30:23	12	0	129	67	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1327	DEPARTURE	10/07/2021 22:31:57	2	66	162	164	065:05:58.20 N	096:17:13.79 W
Fall	C-GLYF	1327	SCHED	10/07/2021 22:34:05	13	73	193	129	065:04:09.59 N	096:13:30.00 W
Fall	C-GLYF	1327	SCHED	10/07/2021 22:36:14	14	76	181	153	065:02:57.60 N	096:08:02.39 W
Fall	C-GLYF	1327	SCHED	10/07/2021 22:38:36	15	5	145	128	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1327	ARRIVAL	10/07/2021 22:39:17	2	0	141	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1327	XML_FLIGHT_SUMMARY	10/07/2021 22:39:18	0	0	0	0		
Fall	C-GLYF	1327	SCHED	10/07/2021 22:41:36	16	0	142	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1328	POWER_ON	10/08/2021 12:24:03	NA	NA	NA	NA		
Fall	C-GLYF	1328	POWER_ON	10/08/2021 12:29:03	NA	NA	NA	NA		
Fall	C-GLYF	1328	SCHED	10/08/2021 12:29:53	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1328	SCHED	10/08/2021 12:32:00	2	0	145	343	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1328	SCHED	10/08/2021 12:34:08	3	0	148	343	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1328	DEPARTURE	10/08/2021 12:36:07	1	85	196	322	065:01:42.59 N	096:04:55.20 W
Fall	C-GLYF	1328	SCHED	10/08/2021 12:38:16	4	102	275	305	065:04:00.00 N	096:11:34.20 W
Fall	C-GLYF	1328	SCHED	10/08/2021 12:40:24	5	68	206	263	065:06:27.59 N	096:17:08.99 W
Fall	C-GLYF	1328	SCHED	10/08/2021 12:42:50	6	0	148	184	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1328	ARRIVAL	10/08/2021 12:42:58	1	0	149	184	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1328	XML_FLIGHT_SUMMARY	10/08/2021 12:42:59	0	0	0	0		
Fall	C-GLYF	1328	SCHED	10/08/2021 12:45:06	7	0	148	184	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1328	SCHED	10/08/2021 12:49:57	8	0	147	23	065:06:15.59 N	096:17:22.80 W
Fall	C-GLYF	1329	DEPARTURE	10/08/2021 12:52:04	2	77	185	162	065:05:56.99 N	096:17:07.19 W
Fall	C-GLYF	1329	SCHED	10/08/2021 12:54:15	9	114	272	123	065:03:34.20 N	096:10:18.00 W
Fall	C-GLYF	1329	SCHED	10/08/2021 12:57:22	10	0	146	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1329	ARRIVAL	10/08/2021 12:58:25	2	0	145	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1329	XML_FLIGHT_SUMMARY	10/08/2021 12:58:26	0	0	0	0		
Fall	C-GLYF	1330	DEPARTURE	10/08/2021 12:59:16	3	79	230	329	065:01:43.19 N	096:04:48.60 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:01:26	11	78	257	302	065:03:18.00 N	096:09:49.79 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:03:32	12	78	244	306	065:04:59.99 N	096:15:16.19 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:05:39	13	4	191	7	065:06:15.59 N	096:17:20.40 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:09:38	14	63	277	135	065:04:24.00 N	096:14:40.20 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:11:48	15	84	311	113	065:03:07.20 N	096:08:46.20 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:14:06	16	50	246	148	065:01:30.59 N	096:04:35.40 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:16:16	17	2	170	50	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:18:24	18	0	147	241	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	ARRIVAL	10/08/2021 13:19:11	3	0	146	241	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	XML_FLIGHT_SUMMARY	10/08/2021 13:19:12	0	0	0	0		
Fall	C-GLYF	1330	SCHED	10/08/2021 13:21:19	19	1	147	114	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:23:29	20	0	145	56	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:26:30	21	0	145	56	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:28:37	22	0	145	56	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:30:50	23	0	145	56	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1330	SCHED	10/08/2021 13:32:57	24	0	145	56	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1331	POWER_ON	10/08/2021 14:10:32	NA	NA	NA	NA		
Fall	C-GLYF	1331	SCHED	10/08/2021 14:12:09	1	0	137	8	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1331	SCHED	10/08/2021 14:14:24	2	1	135	2	065:01:25.20 N	096:04:13.79 W
Fall	C-GLYF	1331	SCHED	10/08/2021 14:16:35	3	78	155	315	065:01:31.79 N	096:04:34.79 W
Fall	C-GLYF	1331	DEPARTURE	10/08/2021 14:16:44	1	95	162	326	065:01:39.59 N	096:04:50.40 W
Fall	C-GLYF	1331	SCHED	10/08/2021 14:18:52	4	104	216	295	065:03:48.60 N	096:12:20.40 W
Fall	C-GLYF	1331	SCHED	10/08/2021 14:21:00	5	91	193	23	065:06:15.00 N	096:17:50.39 W
Fall	C-GLYF	1331	ARRIVAL	10/08/2021 14:22:28	1	0	144	170	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1331	XML_FLIGHT_SUMMARY	10/08/2021 14:22:29	0	0	0	0		
Fall	C-GLYF	1331	SCHED	10/08/2021 14:24:38	6	0	144	170	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1332	POWER_ON	10/08/2021 14:35:56	NA	NA	NA	NA		
Fall	C-GLYF	1332	SCHED	10/08/2021 14:36:36	1	0	143	0	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:38:59	2	0	144	0	065:06:15.59 N	096:17:21.59 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:41:10	3	1	176	301	065:06:14.39 N	096:17:22.19 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:43:31	4	4	192	275	065:06:14.39 N	096:17:21.59 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:45:37	5	0	180	157	065:06:14.39 N	096:17:22.19 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:47:50	6	0	144	243	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1332	DEPARTURE	10/08/2021 14:49:45	1	76	190	122	065:06:06.00 N	096:16:40.80 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:52:35	7	124	252	98	065:04:53.40 N	096:04:40.20 W
Fall	C-GLYF	1332	SCHED	10/08/2021 14:54:42	8	0	141	231	065:03:53.99 N	096:00:01.79 W
Fall	C-GLYF	1332	ARRIVAL	10/08/2021 14:55:27	1	0	141	231	065:03:53.99 N	096:00:01.79 W
Fall	C-GLYF	1332	XML_FLIGHT_SUMMARY	10/08/2021 14:55:28	0	0	0	0		
Fall	C-GLYF	1333	DEPARTURE	10/08/2021 14:55:53	2	75	172	257	065:03:50.99 N	096:00:45.59 W
Fall	C-GLYF	1333	SCHED	10/08/2021 14:58:04	9	96	288	285	065:04:15.00 N	096:08:17.39 W
Fall	C-GLYF	1333	SCHED	10/08/2021 15:00:11	10	114	258	327	065:05:41.39 N	096:16:04.79 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1333	ARRIVAL	10/08/2021 15:02:04	2	0	144	292	065:06:14.39 N	096:17:20.40 W
Fall	C-GLYF	1333	XML_FLIGHT_SUMMARY	10/08/2021 15:02:05	0	0	0	0		
Fall	C-GLYF	1334	DEPARTURE	10/08/2021 15:04:08	3	56	232	157	065:05:58.80 N	096:17:20.40 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:06:34	11	100	291	84	065:05:23.39 N	096:09:41.40 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:08:51	12	93	288	111	065:04:27.59 N	096:01:16.79 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:11:54	13	79	280	249	065:03:38.39 N	096:02:51.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:14:04	14	82	280	293	065:04:28.80 N	096:10:13.80 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:16:11	15	88	252	322	065:05:41.39 N	096:16:14.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:18:19	16	77	299	115	065:05:35.99 N	096:15:59.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:22:14	17	94	318	103	065:03:46.19 N	096:03:46.79 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:24:24	18	71	246	258	065:03:43.80 N	096:01:23.99 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:26:32	19	77	314	289	065:04:14.40 N	096:07:36.60 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:28:39	20	79	267	291	065:05:10.20 N	096:13:54.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:32:48	21	114	317	93	065:05:22.80 N	096:10:57.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:33:12	22	110	329	96	065:05:20.40 N	096:09:51.59 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:35:20	23	82	244	130	065:04:14.40 N	096:00:20.40 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:37:31	24	40	194	256	065:03:50.99 N	096:00:11.40 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:39:40	25	71	316	288	065:03:56.40 N	096:05:56.40 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:41:49	26	73	314	292	065:04:55.19 N	096:11:40.20 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:43:56	27	46	227	285	065:06:14.39 N	096:17:06.60 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:46:11	28	94	288	90	065:05:21.59 N	096:14:02.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:48:26	29	93	346	99	065:05:05.99 N	096:05:36.60 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:50:44	30	18	222	234	065:03:56.99 N	095:59:56.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:52:51	31	66	272	272	065:03:37.80 N	096:03:48.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:55:04	32	79	301	294	065:04:24.00 N	096:09:26.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:57:17	33	75	278	299	065:05:30.59 N	096:15:28.20 W
Fall	C-GLYF	1334	SCHED	10/08/2021 15:59:32	34	36	199	149	065:06:10.20 N	096:17:17.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:04:53	35	76	279	118	065:04:49.79 N	096:02:19.20 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:07:02	36	1	181	340	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:09:09	37	68	266	283	065:03:41.39 N	096:04:33.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:11:17	38	75	281	293	065:04:38.39 N	096:09:58.79 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:13:23	39	78	216	299	065:05:31.19 N	096:15:47.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:15:33	40	89	257	115	065:05:34.19 N	096:16:07.19 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:18:27	41	93	332	96	065:05:02.39 N	096:05:45.60 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:20:45	42	0	182	185	065:03:52.19 N	096:00:05.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:22:53	43	77	266	292	065:03:43.19 N	096:04:31.80 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:25:06	44	71	308	290	065:04:39.60 N	096:10:15.60 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:27:13	45	74	232	309	065:05:35.99 N	096:15:55.80 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:29:20	46	47	248	114	065:05:57.60 N	096:16:33.59 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:31:31	47	60	265	101	065:05:27.00 N	096:12:16.19 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:33:41	48	57	309	94	065:05:08.40 N	096:07:32.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:35:52	49	55	279	111	065:04:46.19 N	096:02:55.80 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:38:00	50	4	191	227	065:03:51.60 N	096:00:04.19 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:40:08	51	16	177	188	065:03:51.60 N	096:00:06.00 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:42:15	52	70	264	193	065:02:22.79 N	096:03:53.40 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:45:23	53	0	145	29	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1334	ARRIVAL	10/08/2021 16:45:29	3	0	147	29	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1334	XML_FLIGHT_SUMMARY	10/08/2021 16:45:30	0	0	0	0		
Fall	C-GLYF	1334	SCHED	10/08/2021 16:47:36	54	0	140	29	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:49:42	55	0	139	338	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:51:49	56	0	138	192	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1334	SCHED	10/08/2021 16:54:50	57	0	135	171	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1335	DEPARTURE	10/08/2021 16:55:22	4	79	187	315	065:01:34.79 N	096:04:49.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 16:57:37	58	78	289	300	065:03:32.39 N	096:10:16.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 16:59:45	59	84	259	315	065:05:02.39 N	096:15:45.59 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:02:45	60	94	300	111	065:05:24.59 N	096:15:29.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:04:55	61	97	345	103	065:05:02.99 N	096:04:55.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:07:02	62	1	180	247	065:03:52.19 N	096:00:05.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:09:09	63	72	328	290	065:03:48.60 N	096:05:15.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:11:24	64	72	304	295	065:04:39.00 N	096:10:52.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:13:31	65	82	238	324	065:05:51.60 N	096:16:31.79 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:15:38	66	2	180	11	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:17:45	67	90	330	96	065:05:27.59 N	096:12:26.99 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:19:54	68	81	313	103	065:05:02.99 N	096:05:24.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:22:02	69	43	227	185	065:03:56.40 N	095:59:58.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:24:11	70	0	179	75	065:03:52.19 N	096:00:05.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:26:22	71	73	274	270	065:03:41.99 N	096:02:12.60 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:29:18	72	60	261	283	065:04:53.99 N	096:08:37.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:31:27	73	75	237	281	065:05:28.80 N	096:15:13.79 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:33:34	74	0	174	315	065:06:24.59 N	096:17:32.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:35:44	75	68	253	124	065:05:31.19 N	096:15:57.60 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:37:59	76	86	349	87	065:05:18.00 N	096:09:37.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:40:13	77	72	266	118	065:04:46.80 N	096:02:43.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:42:20	78	3	186	209	065:03:47.39 N	096:00:00.60 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:44:33	79	81	307	298	065:03:44.39 N	096:03:41.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:46:46	80	74	352	294	065:04:49.79 N	096:10:09.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:48:59	81	82	263	314	065:05:41.39 N	096:16:04.79 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:51:09	82	89	290	122	065:05:43.19 N	096:16:04.79 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:53:19	83	95	337	104	065:05:15.59 N	096:07:21.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:55:31	84	72	251	139	065:04:00.00 N	096:00:23.40 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:57:48	85	0	180	162	065:03:47.39 N	096:00:00.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 17:59:55	86	62	278	266	065:03:41.39 N	096:03:24.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:02:06	87	69	276	286	065:04:27.00 N	096:08:38.40 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:04:15	88	65	222	288	065:05:18.59 N	096:14:22.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:07:15	89	77	249	138	065:05:49.19 N	096:16:36.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:09:22	90	100	306	94	065:05:10.20 N	096:07:34.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:11:29	91	89	239	126	065:04:00.60 N	096:00:16.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:13:36	92	74	272	268	065:03:30.00 N	096:03:10.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:15:44	93	71	296	283	065:04:31.19 N	096:08:58.20 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:17:52	94	64	263	300	065:05:19.79 N	096:14:10.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:20:06	95	30	189	155	065:06:22.19 N	096:17:32.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:22:13	96	91	279	96	065:05:16.19 N	096:12:08.99 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:24:35	97	94	333	102	065:04:51.60 N	096:04:14.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:26:42	98	1	180	217	065:03:47.39 N	096:00:00.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:28:53	99	69	254	294	065:03:44.39 N	096:05:03.60 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:31:07	100	78	285	290	065:04:49.19 N	096:11:04.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:33:19	101	81	223	332	065:06:15.59 N	096:17:09.59 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:35:28	102	92	245	96	065:05:23.39 N	096:14:22.20 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:37:35	103	96	300	100	065:05:02.99 N	

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1335	SCHED	10/08/2021 18:46:11	107	80	222	299	065:05:34.19 N	096:15:51.00 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:48:19	108	78	237	125	065:05:36.60 N	096:16:10.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:50:29	109	91	272	97	065:05:12.60 N	096:08:40.20 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:53:29	110	66	212	162	065:04:05.40 N	095:59:53.99 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:55:36	111	81	250	294	065:03:44.39 N	096:04:31.80 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:57:41	112	79	275	298	065:04:43.19 N	096:10:18.60 W
Fall	C-GLYF	1335	SCHED	10/08/2021 18:59:53	113	79	228	300	065:05:34.80 N	096:15:55.20 W
Fall	C-GLYF	1335	SCHED	10/08/2021 19:02:09	114	70	222	137	065:05:45.00 N	096:16:44.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 19:04:19	115	87	266	95	065:05:01.79 N	096:09:34.79 W
Fall	C-GLYF	1335	SCHED	10/08/2021 19:06:29	116	84	272	109	065:04:34.80 N	096:02:04.19 W
Fall	C-GLYF	1335	SCHED	10/08/2021 19:08:37	117	61	208	213	065:03:37.80 N	096:00:21.59 W
Fall	C-GLYF	1335	SCHED	10/08/2021 19:10:45	118	64	227	227	065:01:33.59 N	096:03:22.79 W
Fall	C-GLYF	1335	ARRIVAL	10/08/2021 19:12:26	4	0	140	44	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1335	XML_FLIGHT_SUMMARY	10/08/2021 19:12:27	0	0	0	0		
Fall	C-GLYF	1335	SCHED	10/08/2021 19:14:40	119	1	131	16	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1335	SCHED	10/08/2021 19:16:46	120	0	140	10	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1336	POWER_ON	10/08/2021 19:21:07	NA	NA	NA	NA		
Fall	C-GLYF	1336	SCHED	10/08/2021 19:21:45	1	0	135	62	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:23:53	2	0	138	231	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:26:06	3	65	150	313	065:01:29.39 N	096:04:28.80 W
Fall	C-GLYF	1336	DEPARTURE	10/08/2021 19:26:12	1	88	198	337	065:01:44.39 N	096:04:50.99 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:28:18	4	93	274	307	065:03:39.60 N	096:10:40.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:30:26	5	87	197	325	065:05:47.40 N	096:16:22.80 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:32:33	6	108	219	100	065:05:19.20 N	096:15:00.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:34:40	7	98	284	95	065:05:02.99 N	096:06:30.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:37:03	8	41	186	212	065:03:53.40 N	095:59:59.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:39:10	9	85	237	296	065:04:00.00 N	096:05:47.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:41:17	10	73	179	288	065:05:05.40 N	096:12:01.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:43:29	11	71	182	326	065:06:09.59 N	096:17:04.79 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:46:38	12	97	264	89	065:05:15.00 N	096:11:02.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:48:45	13	85	238	114	065:04:34.80 N	096:01:39.59 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:50:53	14	75	221	263	065:03:43.80 N	096:02:22.19 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:53:00	15	76	244	294	065:04:21.59 N	096:08:40.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:55:08	16	66	188	283	065:05:16.79 N	096:14:10.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 19:57:21	17	39	166	167	065:06:10.20 N	096:17:19.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:00:37	18	93	255	90	065:05:25.80 N	096:07:00.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:02:47	19	79	211	136	065:04:12.60 N	096:00:17.99 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:04:56	20	70	216	264	065:03:39.60 N	096:03:25.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:07:04	21	76	219	299	065:04:19.79 N	096:09:34.19 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:09:12	22	64	193	291	065:05:12.60 N	096:14:43.80 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:12:16	23	85	229	117	065:05:32.39 N	096:15:42.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:14:27	24	95	283	92	065:05:25.80 N	096:06:18.59 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:16:38	25	55	199	165	065:03:58.80 N	096:00:03.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:18:46	26	68	204	254	065:03:42.60 N	096:03:40.80 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:20:53	27	76	264	305	065:04:34.80 N	096:09:12.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:23:02	28	85	220	294	065:05:28.80 N	096:15:31.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:25:11	29	80	210	130	065:05:32.39 N	096:16:13.79 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:27:22	30	90	255	98	065:04:52.80 N	096:08:50.99 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:29:43	31	92	243	108	065:04:27.59 N	096:01:01.79 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:31:53	32	24	155	246	065:03:50.99 N	096:00:07.19 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:34:00	33	76	242	292	065:03:58.80 N	096:06:19.79 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:36:07	34	79	185	289	065:05:04.20 N	096:12:22.19 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:38:19	35	3	153	279	065:06:15.00 N	096:17:23.40 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:40:29	36	93	243	95	065:05:18.00 N	096:13:20.99 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:42:40	37	97	285	99	065:04:58.80 N	096:05:17.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:44:56	38	1	159	326	065:03:52.19 N	096:00:06.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:47:03	39	77	222	285	065:03:51.60 N	096:05:43.19 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:49:10	40	77	202	292	065:04:51.60 N	096:11:54.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:51:17	41	57	192	319	065:06:11.40 N	096:17:08.40 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:53:25	42	53	192	107	065:05:31.19 N	096:16:01.19 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:55:33	43	64	244	96	065:05:06.60 N	096:10:51.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 20:57:46	44	68	277	97	065:04:56.40 N	096:05:14.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:00:55	45	4	170	246	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:03:05	46	80	276	295	065:04:00.00 N	096:05:30.59 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:05:12	47	81	257	288	065:04:59.99 N	096:11:47.39 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:07:18	48	20	176	289	065:06:15.00 N	096:17:21.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:09:26	49	103	268	95	065:05:22.80 N	096:13:36.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:11:35	50	105	296	100	065:04:56.99 N	096:04:56.99 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:13:47	51	1	162	188	065:03:52.19 N	096:00:06.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:15:55	52	74	224	276	065:03:39.00 N	096:04:21.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:18:04	53	76	237	295	065:04:37.80 N	096:10:03.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:20:10	54	76	201	290	065:05:33.00 N	096:15:46.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:22:17	55	102	235	110	065:05:33.60 N	096:15:38.40 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:24:24	56	99	284	99	065:04:57.60 N	096:06:25.20 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:27:35	57	1	159	189	065:03:52.19 N	096:00:06.60 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:29:49	58	71	230	209	065:02:16.79 N	096:02:33.59 W
Fall	C-GLYF	1336	ARRIVAL	10/08/2021 21:31:57	1	0	137	3	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1336	XML_FLIGHT_SUMMARY	10/08/2021 21:31:58	0	0	0	0		
Fall	C-GLYF	1336	SCHED	10/08/2021 21:32:06	59	0	137	3	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:34:19	60	0	137	328	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:36:29	61	0	133	336	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:38:36	62	0	134	343	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:40:43	63	0	134	343	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:42:49	64	0	134	343	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1336	SCHED	10/08/2021 21:44:57	65	71	204	310	065:01:32.39 N	096:04:52.19 W
Fall	C-GLYF	1337	DEPARTURE	10/08/2021 21:45:07	2	71	204	310	065:01:32.39 N	096:04:52.19 W
Fall	C-GLYF	1337	SCHED	10/08/2021 21:47:16	66	79	304	302	065:03:45.60 N	096:09:57.60 W
Fall	C-GLYF	1337	SCHED	10/08/2021 21:49:26	67	73	202	311	065:05:16.79 N	096:15:08.40 W
Fall	C-GLYF	1337	SCHED	10/08/2021 21:51:34	68	80	219	141	065:05:53.40 N	096:17:00.60 W
Fall	C-GLYF	1337	SCHED	10/08/2021 21:54:23	69	107	323	94	065:04:50.99 N	096:06:17.39 W
Fall	C-GLYF	1337	SCHED	10/08/2021 21:56:32	70	28	207	237	065:03:57.60 N	096:00:04.79 W
Fall	C-GLYF	1337	SCHED	10/08/2021 21:58:39	71	77	239	264	065:03:40.20 N	096:02:56.40 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:00:51	72	77	278	294	065:04:31.19 N	096:08:59.39 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:02:59	73	72	221	287	065:05:25.80 N	096:15:10.20 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:05:13	74	82	224	130	065:05:43.19 N	096:16:36.00 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:07:20	75	104	291	92	065:05:02.99 N	096:08:05.40 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:09:28	76	87	211	145	065:04:10.20 N	096:00:14.40 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:11:42	77	78	216	273	065:04:51.60 N	096:03:57.60 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:13:50	78	71	215	279	065:05:08.99 N	096:10:15.00 W
Fall	C-GLYF									

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1337	SCHED	10/08/2021 22:22:35	82	81	227	142	065:04:07.20 N	096:00:15.60 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:24:44	83	70	263	292	065:03:41.99 N	096:04:24.00 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:26:51	84	75	273	297	065:04:40.80 N	096:10:00.00 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:29:03	85	68	209	282	065:05:27.59 N	096:15:30.60 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:31:13	86	1	161	281	065:06:15.00 N	096:17:23.40 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:33:22	87	95	255	104	065:05:07.20 N	096:12:08.99 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:35:29	88	97	265	98	065:04:48.60 N	096:03:57.60 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:37:36	89	59	176	279	065:03:52.80 N	096:00:25.20 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:39:50	90	69	265	295	065:04:02.40 N	096:06:11.39 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:41:58	91	73	256	288	065:05:02.99 N	096:12:07.19 W
Fall	C-GLYF	1337	SCHED	10/08/2021 22:44:04	92	61	204	320	065:06:11.40 N	096:17:05.99 W
Fall	C-GLYF	1337	ARRIVAL	10/08/2021 22:46:00	2	0	145	263	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1337	XML_FLIGHT_SUMMARY	10/08/2021 22:46:01	0	0	0	0		
Fall	C-GLYF	1338	DEPARTURE	10/08/2021 22:47:03	3	76	174	170	065:05:56.40 N	096:17:16.20 W
Fall	C-GLYF	1338	SCHED	10/08/2021 22:49:12	93	127	273	115	065:03:32.39 N	096:10:37.80 W
Fall	C-GLYF	1338	SCHED	10/08/2021 22:51:22	94	1	143	192	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1338	ARRIVAL	10/08/2021 22:53:09	3	0	138	192	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1338	XML_FLIGHT_SUMMARY	10/08/2021 22:53:10	0	0	0	0		
Fall	C-GLYF	1338	SCHED	10/08/2021 22:55:16	95	0	136	192	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	POWER_ON	10/09/2021 12:38:08	NA	NA	NA	NA		
Fall	C-GLYF	1339	SCHED	10/09/2021 12:38:45	1	0	0	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	SCHED	10/09/2021 12:42:22	2	0	142	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	POWER_ON	10/09/2021 13:14:22	NA	NA	NA	NA		
Fall	C-GLYF	1339	SCHED	10/09/2021 13:14:52	1	0	144	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1339	POWER_ON	10/09/2021 13:33:06	NA	NA	NA	NA		
Fall	C-GLYF	1339	SCHED	10/09/2021 13:33:51	1	0	140	348	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:36:31	2	0	139	348	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:38:44	3	0	140	348	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:40:51	4	0	143	348	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:43:05	5	0	145	348	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1339	DEPARTURE	10/09/2021 13:44:20	1	84	156	310	065:01:40.20 N	096:04:52.19 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:46:29	6	54	183	322	065:01:46.19 N	096:09:38.99 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:48:40	7	124	195	323	065:04:59.40 N	096:15:07.80 W
Fall	C-GLYF	1339	SCHED	10/09/2021 13:50:49	8	2	145	209	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1339	ARRIVAL	10/09/2021 13:51:41	1	0	143	209	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1339	XML_FLIGHT_SUMMARY	10/09/2021 13:51:42	0	0	0	0		
Fall	C-GLYF	1339	SCHED	10/09/2021 13:54:52	9	0	164	340	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1340	DEPARTURE	10/09/2021 13:56:16	2	67	195	163	065:05:57.60 N	096:17:13.20 W
Fall	C-GLYF	1340	SCHED	10/09/2021 13:58:23	10	75	221	145	065:02:56.99 N	096:11:21.60 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:00:38	11	0	170	205	065:01:52.80 N	096:09:29.40 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:02:44	12	93	212	312	065:04:05.99 N	096:13:39.00 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:04:55	13	8	163	151	065:06:15.00 N	096:17:22.80 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:07:05	14	77	194	135	065:04:59.40 N	096:15:56.39 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:09:12	15	69	221	140	065:03:03.59 N	096:11:39.59 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:11:19	16	0	168	154	065:01:52.19 N	096:09:28.80 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:13:24	17	96	223	325	065:03:49.19 N	096:13:16.19 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:15:35	18	10	180	311	065:06:15.00 N	096:17:21.59 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:17:51	19	73	211	141	065:04:23.39 N	096:14:35.40 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:20:07	20	70	207	139	065:02:31.79 N	096:10:46.20 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:22:17	21	91	212	325	065:02:57.60 N	096:11:31.79 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:24:24	22	93	188	339	065:05:29.39 N	096:16:35.40 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:26:32	23	75	198	170	065:05:43.80 N	096:16:51.60 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:28:42	24	79	228	113	065:04:38.39 N	096:11:34.20 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:31:44	25	83	256	93	065:04:44.39 N	096:03:16.79 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:33:51	26	62	181	216	065:03:46.80 N	096:00:11.99 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:36:01	27	86	255	293	065:04:02.99 N	096:06:54.59 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:38:11	28	93	236	290	065:05:15.59 N	096:14:11.40 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:41:04	29	76	205	141	065:05:45.00 N	096:16:40.20 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:43:14	30	74	263	96	065:04:56.99 N	096:09:51.00 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:45:24	31	79	249	94	065:04:46.19 N	096:03:15.60 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:48:17	32	78	228	260	065:03:45.60 N	096:01:04.79 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:50:24	33	92	297	289	065:04:18.00 N	096:08:47.39 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:52:32	34	95	233	311	065:05:37.19 N	096:16:04.79 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:54:55	35	47	188	141	065:05:42.60 N	096:16:36.59 W
Fall	C-GLYF	1340	SCHED	10/09/2021 14:57:59	36	54	235	95	065:05:07.20 N	096:10:50.40 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:00:14	37	38	238	94	065:04:58.20 N	096:06:42.60 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:02:23	38	45	221	109	065:04:46.80 N	096:02:58.19 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:04:48	39	26	192	141	065:03:55.19 N	096:00:12.60 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:07:05	40	77	198	217	065:02:38.39 N	096:02:19.79 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:09:16	41	0	147	46	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1340	ARRIVAL	10/09/2021 15:09:25	2	0	147	46	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1340	XML_FLIGHT_SUMMARY	10/09/2021 15:09:26	0	0	0	0		
Fall	C-GLYF	1340	SCHED	10/09/2021 15:11:34	42	0	145	46	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:13:47	43	0	142	136	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:16:03	44	0	142	61	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1340	SCHED	10/09/2021 15:18:11	45	22	164	47	065:01:25.20 N	096:04:11.40 W
Fall	C-GLYF	1341	DEPARTURE	10/09/2021 15:18:33	3	82	206	312	065:01:39.59 N	096:04:48.00 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:20:47	46	93	261	305	065:02:50.99 N	096:10:36.59 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:23:00	47	95	241	329	065:05:38.39 N	096:16:11.40 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:27:35	48	71	238	102	065:05:04.20 N	096:10:18.00 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:29:55	49	73	259	106	065:04:46.19 N	096:02:56.99 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:32:04	50	85	213	271	065:03:37.19 N	096:01:05.40 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:34:11	51	93	275	296	065:04:13.20 N	096:08:11.99 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:36:21	52	89	230	290	065:05:25.20 N	096:15:17.39 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:38:32	53	65	202	136	065:05:43.80 N	096:16:33.00 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:40:41	54	73	237	98	065:05:12.60 N	096:10:33.00 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:44:41	55	71	224	126	065:04:10.20 N	096:00:20.40 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:46:47	56	88	276	293	065:03:55.79 N	096:05:00.00 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:49:01	57	86	266	285	065:04:58.80 N	096:11:40.20 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:51:08	58	11	170	174	065:06:15.00 N	096:17:23.40 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:56:07	59	67	243	97	065:04:56.40 N	096:08:18.00 W
Fall	C-GLYF	1341	SCHED	10/09/2021 15:58:26	60	66	229	118	065:04:35.39 N	096:01:36.59 W
Fall	C-GLYF	1341	SCHED	10/09/2021 16:00:44	61	69	219	217	065:03:01.79 N	096:01:19.20 W
Fall	C-GLYF	1341	SCHED	10/09/2021 16:03:00	62	2	148	31	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1341	ARRIVAL	10/09/2021 16:03:50	3	0	139	31	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1341	XML_FLIGHT_SUMMARY	10/09/2021 16:03:51	0	0	0	0		
Fall	C-GLYF	1341	SCHED	10/09/2021 16:06:00	63	0	137	31	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1341	SCHED	10/09/2021 16:08:07	64	0	135	279	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1341	SCHED	10/09/2021 16:10:24	65	61	166	1	065:01:30.59 N	096:04:09.59 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1342	DEPARTURE	10/09/2021 16:10:35	4	83	201	333	065:01:45.00 N	096:04:19.79 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:12:45	66	89	277	306	065:04:05.40 N	096:10:24.59 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:14:55	67	93	222	324	065:05:47.40 N	096:16:32.39 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:17:04	68	50	200	135	065:05:39.60 N	096:16:20.40 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:19:16	69	61	225	81	065:05:19.79 N	096:11:54.59 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:22:29	70	56	282	104	065:05:10.20 N	096:05:45.00 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:25:32	71	16	185	198	065:03:54.60 N	096:00:01.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:27:44	72	81	292	292	065:03:48.60 N	096:05:43.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:29:52	73	81	279	291	065:05:01.20 N	096:12:22.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:32:02	74	31	184	186	065:06:16.79 N	096:17:21.59 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:34:21	75	54	230	120	065:05:33.00 N	096:16:13.20 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:36:30	76	65	236	94	065:05:09.59 N	096:10:41.40 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:38:38	77	65	280	94	065:04:59.40 N	096:05:22.80 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:40:55	78	63	227	118	065:04:18.00 N	096:00:28.79 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:43:02	79	96	260	290	065:03:42.60 N	096:03:58.79 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:45:11	80	85	253	287	065:04:45.00 N	096:10:52.79 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:47:28	81	88	228	325	065:06:15.59 N	096:16:53.99 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:49:39	82	97	296	89	065:05:22.19 N	096:13:29.39 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:51:50	83	86	312	106	065:05:17.39 N	096:05:36.00 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:54:00	84	8	180	193	065:03:53.99 N	096:00:01.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:56:07	85	95	260	299	065:03:54.60 N	096:05:31.80 W
Fall	C-GLYF	1342	SCHED	10/09/2021 16:59:08	86	83	243	290	065:05:10.79 N	096:13:52.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:01:20	87	67	213	134	065:05:49.19 N	096:16:52.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:03:36	88	80	281	105	065:05:28.80 N	096:09:43.20 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:05:47	89	80	285	115	065:04:41.99 N	096:02:29.39 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:08:39	90	68	229	203	065:02:50.39 N	096:01:34.19 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:10:47	91	19	149	279	065:01:27.00 N	096:04:18.59 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:12:55	92	106	292	303	065:03:52.80 N	096:10:11.99 W
Fall	C-GLYF	1342	SCHED	10/09/2021 17:15:43	93	9	146	165	065:06:15.59 N	096:17:22.19 W
Fall	C-GLYF	1342	ARRIVAL	10/09/2021 17:16:27	4	0	138	209	065:06:15.00 N	096:17:22.19 W
Fall	C-GLYF	1342	XML_FLIGHT_SUMMARY	10/09/2021 17:16:28	0	0	0	0		
Fall	C-GLYF	1343	DEPARTURE	10/09/2021 17:17:01	5	87	163	161	065:05:54.59 N	096:17:03.60 W
Fall	C-GLYF	1343	SCHED	10/09/2021 17:19:12	94	102	236	115	065:03:41.99 N	096:11:25.80 W
Fall	C-GLYF	1343	SCHED	10/09/2021 17:21:19	95	77	198	135	065:01:43.19 N	096:04:51.60 W
Fall	C-GLYF	1343	ARRIVAL	10/09/2021 17:22:51	5	0	140	118	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1343	XML_FLIGHT_SUMMARY	10/09/2021 17:22:52	0	0	0	0		
Fall	C-GLYF	1343	SCHED	10/09/2021 17:24:59	96	0	140	118	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1344	POWER_ON	10/09/2021 17:26:11	NA	NA	NA	NA		
Fall	C-GLYF	1344	SCHED	10/09/2021 17:26:47	1	0	146	102	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1344	POWER_ON	10/09/2021 18:28:09	NA	NA	NA	NA		
Fall	C-GLYF	1344	SCHED	10/09/2021 18:28:51	1	0	133	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1344	POWER_ON	10/09/2021 18:32:01	NA	NA	NA	NA		
Fall	C-GLYF	1344	SCHED	10/09/2021 18:33:28	1	0	135	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1344	POWER_ON	10/09/2021 18:40:03	NA	NA	NA	NA		
Fall	C-GLYF	1344	SCHED	10/09/2021 18:40:59	1	0	136	223	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1344	SCHED	10/09/2021 18:43:06	2	0	135	223	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1344	POWER_ON	10/10/2021 13:27:15	NA	NA	NA	NA		
Fall	C-GLYF	1344	SCHED	10/10/2021 13:28:06	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1344	POWER_ON	10/10/2021 14:34:14	NA	NA	NA	NA		
Fall	C-GLYF	1344	SCHED	10/10/2021 14:35:12	1	0	143	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:37:21	2	0	141	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:39:32	3	0	141	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:41:50	4	0	141	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:44:03	5	0	142	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:46:19	6	78	206	318	065:01:33.00 N	096:04:48.60 W
Fall	C-GLYF	1344	DEPARTURE	10/10/2021 14:46:32	1	86	210	327	065:01:37.19 N	096:04:56.40 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:48:42	7	26	210	199	065:01:53.39 N	096:09:23.99 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:50:53	8	103	335	55	065:02:50.39 N	096:08:30.00 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:53:05	9	77	239	106	065:04:04.79 N	096:00:25.79 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:55:11	10	66	269	246	065:03:50.39 N	096:02:05.99 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:57:19	11	74	288	269	065:03:01.79 N	096:07:25.20 W
Fall	C-GLYF	1344	SCHED	10/10/2021 14:59:35	12	3	188	221	065:01:51.60 N	096:09:27.60 W
Fall	C-GLYF	1344	SCHED	10/10/2021 15:01:55	13	43	263	74	065:02:57.60 N	096:05:19.79 W
Fall	C-GLYF	1344	SCHED	10/10/2021 15:04:04	14	1	182	187	065:03:52.19 N	096:00:05.39 W
Fall	C-GLYF	1344	SCHED	10/10/2021 15:06:09	15	73</				

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1346	SCHED	10/11/2021 13:41:46	4	0	141	241	065:03:54.60 N	096:00:00.00 W
Fall	C-GLYF	1347	POWER_ON	10/11/2021 13:58:34	NA	NA	NA	NA		
Fall	C-GLYF	1347	SCHED	10/11/2021 13:59:26	1	0	139	106	065:03:53.99 N	096:00:00.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:01:34	2	0	141	237	065:03:54.60 N	096:00:00.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:03:45	3	4	145	73	065:03:54.60 N	096:00:00.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:06:14	4	0	182	152	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:08:23	5	1	182	42	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:10:30	6	3	186	113	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:12:41	7	0	179	143	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:14:48	8	7	173	164	065:04:04.20 N	096:00:12.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:16:55	9	1	173	359	065:04:04.79 N	096:00:12.60 W
Fall	C-GLYF	1347	DEPARTURE	10/11/2021 14:17:53	1	78	218	183	065:03:58.80 N	096:00:45.59 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:20:01	10	19	201	347	065:03:56.99 N	096:00:06.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:22:15	11	27	222	24	065:03:45.60 N	096:00:03.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:24:30	12	15	177	168	065:04:04.20 N	096:00:11.40 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:26:38	13	29	186	220	065:04:04.20 N	096:00:16.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:28:50	14	41	213	148	065:03:54.60 N	096:00:13.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:31:00	15	68	187	244	065:04:05.99 N	096:00:26.99 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:33:07	16	4	169	326	065:04:04.79 N	096:00:12.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:35:19	17	2	171	43	065:04:04.79 N	096:00:12.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:37:39	18	29	193	276	065:04:05.99 N	096:00:16.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:39:48	19	1	172	4	065:04:04.79 N	096:00:11.99 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:41:54	20	0	171	342	065:04:04.79 N	096:00:11.99 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:44:15	21	48	201	166	065:03:55.79 N	096:00:19.20 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:46:21	22	38	199	348	065:03:56.99 N	096:00:11.40 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:48:34	23	1	174	111	065:04:04.79 N	096:00:11.99 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:50:52	24	15	193	114	065:03:52.80 N	096:00:07.80 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:53:19	25	0	181	313	065:04:05.40 N	096:00:13.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:55:26	26	16	199	7	065:04:03.59 N	096:00:13.79 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:57:33	27	21	205	94	065:03:51.60 N	096:00:10.20 W
Fall	C-GLYF	1347	SCHED	10/11/2021 14:59:45	28	2	181	255	065:04:04.79 N	096:00:13.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:02:10	29	15	197	62	065:03:51.60 N	096:00:07.80 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:04:22	30	1	182	12	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:06:29	31	1	180	32	065:03:51.60 N	096:00:04.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:08:41	32	1	180	20	065:04:04.79 N	096:00:13.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:10:54	33	1	176	33	065:03:52.19 N	096:00:06.60 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:13:01	34	1	178	90	065:03:51.60 N	096:00:04.79 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:15:08	35	37	205	339	065:04:00.00 N	096:00:11.99 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:17:19	36	5	187	10	065:04:04.79 N	096:00:13.19 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:19:32	37	3	182	295	065:04:05.40 N	096:00:13.79 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:21:48	38	78	287	208	065:02:31.19 N	096:01:56.99 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:23:56	39	0	142	194	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1347	ARRIVAL	10/11/2021 15:24:31	1	0	141	194	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1347	XML_FLIGHT_SUMMARY	10/11/2021 15:24:32	0	0	0	0		
Fall	C-GLYF	1347	SCHED	10/11/2021 15:26:41	40	0	141	126	065:01:24.59 N	096:04:15.00 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:28:48	41	0	137	158	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:31:45	42	0	138	158	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1347	SCHED	10/11/2021 15:33:54	43	0	138	158	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1348	DEPARTURE	10/11/2021 15:35:07	2	72	227	323	065:01:39.00 N	096:04:39.60 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:37:15	44	83	269	231	065:01:39.59 N	096:03:40.20 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:39:37	45	2	179	74	065:01:20.40 N	096:04:28.20 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:41:49	46	66	268	49	065:03:07.80 N	096:02:59.40 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:43:56	47	1	172	6	065:04:04.79 N	096:00:13.79 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:46:24	48	1	182	59	065:03:47.39 N	096:00:00.00 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:48:49	49	72	206	204	065:04:05.40 N	096:00:39.59 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:51:47	50	1	181	31	065:03:47.39 N	096:00:00.00 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:54:06	51	52	201	315	065:03:52.80 N	096:00:12.60 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:56:13	52	60	191	356	065:04:00.00 N	096:00:16.19 W
Fall	C-GLYF	1348	SCHED	10/11/2021 15:58:25	53	30	188	132	065:03:55.19 N	096:00:08.99 W
Fall	C-GLYF	1348	SCHED	10/11/2021 16:00:43	54	16	179	166	065:04:11.40 N	096:00:14.40 W
Fall	C-GLYF	1348	ARRIVAL	10/11/2021 16:02:45	2	0	148	307	065:03:52.80 N	096:00:04.19 W
Fall	C-GLYF	1348	XML_FLIGHT_SUMMARY	10/11/2021 16:02:46	0	0	0	0		
Fall	C-GLYF	1349	DEPARTURE	10/11/2021 16:04:46	3	60	194	356	065:04:10.79 N	095:59:55.80 W
Fall	C-GLYF	1349	SCHED	10/11/2021 16:06:56	55	12	153	317	065:03:52.19 N	096:00:03.00 W
Fall	C-GLYF	1349	ARRIVAL	10/11/2021 16:07:53	3	0	145	344	065:03:52.80 N	096:00:04.19 W
Fall	C-GLYF	1349	DEPARTURE	10/11/2021 16:08:46	4	75	225	261	065:04:02.99 N	096:00:25.20 W
Fall	C-GLYF	1349	SCHED	10/11/2021 16:10:56	56	63	225	211	065:01:36.59 N	096:04:01.19 W
Fall	C-GLYF	1349	ARRIVAL	10/11/2021 16:12:36	4	0	147	108	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1349	XML_FLIGHT_SUMMARY	10/11/2021 16:12:37	0	0	0	0		
Fall	C-GLYF	1349	SCHED	10/11/2021 16:14:49	57	0	146	108	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1349	SCHED	10/11/2021 16:16:55	58	0	146	108	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1349	SCHED	10/11/2021 16:19:02	59	0	146	108	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1349	SCHED	10/11/2021 16:21:11	60	0	141	353	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1350	POWER_ON	10/11/2021 19:33:50	NA	NA	NA	NA		
Fall	C-GLYF	1350	SCHED	10/11/2021 19:34:26	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:37:26	2	15	153	12	065:01:34.20 N	096:04:13.20 W
Fall	C-GLYF	1350	DEPARTURE	10/11/2021 19:38:59	1	75	205	310	065:01:42.59 N	096:04:52.80 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:41:09	3	47	262	251	065:01:45.00 N	096:09:23.39 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:43:29	4	70	287	51	065:03:03.59 N	096:08:06.59 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:45:39	5	78	241	63	065:03:42.60 N	096:01:14.39 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:47:53	6	89	259	238	065:04:01.79 N	096:01:46.19 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:50:09	7	16	197	191	065:01:25.79 N	096:04:13.79 W
Fall	C-GLYF	1350	ARRIVAL	10/11/2021 19:51:32	1	0	135	228	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1350	XML_FLIGHT_SUMMARY	10/11/2021 19:51:33	0	0	0	0		
Fall	C-GLYF	1350	SCHED	10/11/2021 19:53:40	8	0	131	35	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:56:01	9	0	130	35	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1350	SCHED	10/11/2021 19:58:09	10	0	131	35	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1350	SCHED	10/11/2021 20:00:15	11	0	131	35	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1350	SCHED	10/11/2021 20:03:11	12	0	131	268	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1351	DEPARTURE	10/11/2021 20:04:22	2	69	224	312	065:01:39.00 N	096:04:36.00 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:06:32	13	83	261	192	065:01:53.39 N	096:09:09.59 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:09:45	14	73	281	54	065:03:07.20 N	096:07:31.19 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:11:53	15	28	199	33	065:04:02.40 N	096:00:16.19 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:14:08	16	86	280	251	065:03:40.80 N	096:03:18.00 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:16:31	17	88	265	209	065:02:08.40 N	096:09:49.79 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:18:44	18	74	271	59	065:03:04.79 N	096:07:51.59 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:20:52	19	65	253	56	065:03:37.80 N	096:01:36.00 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:23:03	20	79	222	222	065:04:08.40 N	096:00:43.80 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:25:12	21	93	286	252	065:03:10.79 N	096:07:38.99 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:27:19	22	2	175	310	065:01:52.80 N	096:09:29.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1351	SCHED	10/11/2021 20:29:32	23	73	289	63	065:03:06.60 N	096:07:47.39 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:31:42	24	73	268	65	065:03:43.80 N	096:01:13.79 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:33:53	25	64	235	237	065:04:08.40 N	096:00:48.00 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:36:02	26	88	265	236	065:03:59.40 N	096:02:10.20 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:38:09	27	101	300	186	065:01:04.19 N	096:05:33.00 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:40:21	28	68	205	331	065:01:11.99 N	096:04:30.00 W
Fall	C-GLYF	1351	ARRIVAL	10/11/2021 20:42:12	2	0	133	231	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1351	XML_FLIGHT_SUMMARY	10/11/2021 20:42:13	0	0	0	0		
Fall	C-GLYF	1351	SCHED	10/11/2021 20:44:19	29	0	131	231	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1351	SCHED	10/11/2021 20:46:25	30	0	133	231	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1352	POWER_ON	10/11/2021 21:19:17	NA	NA	NA	NA		
Fall	C-GLYF	1352	SCHED	10/11/2021 21:19:57	1	0	138	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1352	DEPARTURE	10/11/2021 21:20:25	1	70	195	318	065:01:39.59 N	096:04:47.40 W
Fall	C-GLYF	1352	SCHED	10/11/2021 21:22:30	2	1	153	58	065:02:25.20 N	096:05:37.80 W
Fall	C-GLYF	1352	SCHED	10/11/2021 21:24:41	3	0	139	201	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1352	ARRIVAL	10/11/2021 21:25:42	1	0	137	124	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1352	POWER_ON	10/11/2021 21:28:20	NA	NA	NA	NA		
Fall	C-GLYF	1352	POWER_ON	10/11/2021 21:50:37	NA	NA	NA	NA		
Fall	C-GLYF	1352	POWER_ON	10/12/2021 14:17:19	NA	NA	NA	NA		
Fall	C-GLYF	1352	SCHED	10/12/2021 14:18:00	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1352	DEPARTURE	10/12/2021 14:19:01	1	69	211	330	065:01:41.39 N	096:04:45.00 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:21:09	2	46	255	326	065:01:45.59 N	096:09:31.19 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:23:23	3	69	305	80	065:02:46.80 N	096:07:18.59 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:25:31	4	70	272	64	065:03:45.00 N	096:01:19.20 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:27:41	5	86	269	241	065:04:10.79 N	096:01:06.60 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:29:48	6	92	329	245	065:02:45.00 N	096:07:33.00 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:31:56	7	64	229	20	065:02:07.19 N	096:09:09.59 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:34:11	8	72	298	69	065:03:13.79 N	096:03:57.60 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:36:25	9	25	187	280	065:04:04.20 N	096:00:16.19 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:38:40	10	85	311	249	065:02:59.40 N	096:06:25.80 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:40:48	11	2	187	79	065:01:50.99 N	096:09:22.19 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:42:58	12	0	189	253	065:01:50.99 N	096:09:25.80 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:45:05	13	82	307	150	065:02:00.00 N	096:05:33.60 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:47:43	14	0	148	242	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1352	ARRIVAL	10/12/2021 14:47:54	1	0	148	242	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1352	XML_FLIGHT_SUMMARY	10/12/2021 14:47:55	0	0	0	0		
Fall	C-GLYF	1352	SCHED	10/12/2021 14:50:01	15	0	149	9	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1352	SCHED	10/12/2021 14:52:13	16	56	240	39	065:01:35.40 N	096:03:48.60 W
Fall	C-GLYF	1353	DEPARTURE	10/12/2021 14:52:24	2	56	243	39	065:01:36.59 N	096:03:47.39 W
Fall	C-GLYF	1353	SCHED	10/12/2021 14:55:21	17	1	173	24	065:04:04.79 N	096:00:12.60 W
Fall	C-GLYF	1353	SCHED	10/12/2021 14:57:31	18	77	245	251	065:03:48.60 N	096:01:32.39 W
Fall	C-GLYF	1353	SCHED	10/12/2021 14:59:38	19	90	279	248	065:02:35.39 N	096:08:23.99 W
Fall	C-GLYF	1353	SCHED	10/12/2021 15:01:52	20	0	156	227	065:01:52.19 N	096:09:30.60 W
Fall	C-GLYF	1353	ARRIVAL	10/12/2021 15:03:59	2	0	149	13	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1353	XML_FLIGHT_SUMMARY	10/12/2021 15:04:00	0	0	0	0		
Fall	C-GLYF	1353	SCHED	10/12/2021 15:04:07	21	0	149	13	065:01:51.60 N	096:09:30.60 W
Fall	C-GLYF	1354	DEPARTURE	10/12/2021 15:06:25	3	69	213	29	065:02:08.40 N	096:09:18.60 W
Fall	C-GLYF	1354	SCHED	10/12/2021 15:08:33	22	3	162	131	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1354	ARRIVAL	10/12/2021 15:09:43	3	0	145	108	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1354	SCHED	10/12/2021 15:11:53	23	0	145	108	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1354	SCHED	10/12/2021 15:14:05	24	0	141	152	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1354	POWER_ON	10/12/2021 18:33:11	NA	NA	NA	NA		
Fall	C-GLYF	1354	SCHED	10/12/2021 18:34:04	1	0	137	0	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1354	SCHED	10/12/2021 18:36:22	2	0	131	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1354	POWER_ON	10/12/2021 19:04:22	NA	NA	NA	NA		
Fall	C-GLYF	1354	SCHED	10/12/2021 19:05:02	1	0	0	0	065:01:20.99 N	096:04:08.40 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:07:10	2	62	169	316	065:01:37.80 N	096:04:23.40 W
Fall	C-GLYF	1354	DEPARTURE	10/12/2021 19:07:20	1	66	173	302	065:01:39.59 N	096:04:29.39 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:09:26	3	111	505	173	064:58:01.19 N	096:04:50.99 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:11:40	4	116	637	187	064:54:04.20 N	096:04:35.40 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:13:51	5	119	751	185	064:49:45.60 N	096:04:20.40 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:15:58	6	117	820	189	064:45:33.00 N	096:05:35.40 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:18:04	7	118	869	191	064:41:25.79 N	096:07:03.59 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:20:15	8	125	855	194	064:37:20.39 N	096:08:56.40 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:22:27	9	116	853	163	064:33:12.60 N	096:08:13.80 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:24:43	10	117	851	159	064:29:14.40 N	096:04:51.60 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:26:49	11	119	803	158	064:25:06.59 N	096:01:18.60 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:29:04	12	122	661	150	064:21:18.00 N	095:57:28.20 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:31:16	13	98	300	282	064:17:47.39 N	095:57:19.79 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:33:24	14	8	187	61	064:18:10.79 N	095:57:17.40 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:36:26	15	87	346	110	064:18:40.80 N	095:55:46.79 W
Fall	C-GLYF	1354	SCHED	10/12/2021 19:38:33	16	47	70	264	064:18:06.60 N	095:56:51.00 W
Fall	C-GLYF	1354	ARRIVAL	10/12/2021 19:40:18	1	0	-15	59	064:18:18.59 N	095:57:13.19 W
Fall	C-GLYF	1354	XML_FLIGHT_SUMMARY	10/12/2021 19:40:19	0	0	0	0		
Fall	C-GLYF	1354	SCHED	10/12/2021 19:42:27	17	0	-17	59	064:18:18.59 N	095:57:13.19 W
Fall	C-GLYF	1355	POWER_ON	10/12/2021 22:02:40	NA	NA	NA	NA		
Fall	C-GLYF	1355	SCHED	10/12/2021 22:03:18	1	0	-2	320	064:18:18.59 N	095:57:13.19 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:05:37	2	0	-2	320	064:18:19.20 N	095:57:13.19 W
Fall	C-GLYF	1355	DEPARTURE	10/12/2021 22:06:11	1	66	83	6	064:18:33.59 N	095:57:30.00 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:08:18	3	96	482	6	064:21:40.19 N	095:55:41.99 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:10:25	4	103	678	5	064:25:09.00 N	095:54:52.80 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:12:31	5	107	778	356	064:28:49.80 N	095:55:16.19 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:14:49	6	103	803	4	064:32:32.39 N	095:54:47.99 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:16:56	7	105	824	19	064:36:26.39 N	095:52:38.40 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:19:06	8	107	857	345	064:40:06.59 N	095:53:23.99 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:21:18	9	107	901	344	064:43:49.20 N	095:55:43.20 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:23:27	10	108	900	346	064:47:38.39 N	095:58:06.60 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:25:37	11	107	864	343	064:51:22.80 N	096:00:33.59 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:27:45	12	113	738	345	064:55:08.39 N	096:03:10.20 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:29:57	13	111	409	354	064:59:01.80 N	096:04:55.80 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:32:03	14	0	133	18	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1355	ARRIVAL	10/12/2021 22:32:47	1	0	132	18	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1355	XML_FLIGHT_SUMMARY	10/12/2021 22:32:48	0	0	0	0		
Fall	C-GLYF	1355	SCHED	10/12/2021 22:34:58	15	0	128	18	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1355	SCHED	10/12/2021 22:37:07	16	0	120	18	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1356	DEPARTURE	10/12/2021 22:38:27	2	68	234	47	065:01:43.19 N	096:04:01.19 W
Fall	C-GLYF	1356	SCHED	10/12/2021 22:40:41	17	57	283	18	065:03:46.80 N	096:00:33.59 W
Fall	C-GLYF	1356	SCHED	10/12/2021 22:42:52	18	1	167	246	065:04:04.79 N	096:00:12.60 W
Fall	C-GLYF	1356	SCHED	10/12/2021 22:45:01	19	103	360	225	065:02:15.60 N	096:04:47.40 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1356	SCHED	10/12/2021 22:47:08	20	0	136	324	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1356	ARRIVAL	10/12/2021 22:47:39	2	0	136	324	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1356	XML_FLIGHT_SUMMARY	10/12/2021 22:47:40	0	0	0	0		
Fall	C-GLYF	1357	POWER_ON	10/13/2021 17:55:47	NA	NA	NA	NA		
Fall	C-GLYF	1357	SCHED	10/13/2021 17:57:05	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1357	SCHED	10/13/2021 17:59:13	2	0	145	325	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1357	POWER_ON	10/13/2021 18:14:00	NA	NA	NA	NA		
Fall	C-GLYF	1357	SCHED	10/13/2021 18:14:35	1	0	132	295	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:16:46	2	7	135	20	065:01:25.20 N	096:04:13.79 W
Fall	C-GLYF	1357	DEPARTURE	10/13/2021 18:17:10	1	72	193	200	065:01:18.59 N	096:04:52.80 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:19:22	3	96	709	184	064:58:13.80 N	096:05:25.20 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:21:34	4	106	814	186	064:54:34.19 N	096:06:04.79 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:23:41	5	110	841	189	064:50:38.39 N	096:07:00.00 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:25:48	6	109	837	184	064:46:49.80 N	096:07:33.60 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:27:55	7	107	868	185	064:43:06.60 N	096:08:27.60 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:30:11	8	109	902	180	064:39:21.60 N	096:08:56.40 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:32:18	9	110	859	166	064:35:17.39 N	096:08:50.40 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:34:26	10	112	834	159	064:31:33.00 N	096:06:47.39 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:36:34	11	112	828	164	064:27:46.79 N	096:03:45.00 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:38:50	12	116	821	156	064:24:04.79 N	096:00:19.79 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:41:49	13	109	290	140	064:18:59.40 N	095:57:18.00 W
Fall	C-GLYF	1357	SCHED	10/13/2021 18:44:00	14	0	-10	58	064:18:18.59 N	095:57:12.60 W
Fall	C-GLYF	1357	ARRIVAL	10/13/2021 18:44:25	1	0	-11	58	064:18:18.59 N	095:57:13.19 W
Fall	C-GLYF	1357	XML_FLIGHT_SUMMARY	10/13/2021 18:44:26	0	0	0	0		
Fall	C-GLYF	1358	POWER_ON	10/13/2021 19:02:19	NA	NA	NA	NA		
Fall	C-GLYF	1358	SCHED	10/13/2021 19:02:58	1	0	0	0	064:18:18.59 N	095:57:13.19 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:05:19	2	32	26	155	064:18:16.20 N	095:57:11.39 W
Fall	C-GLYF	1358	DEPARTURE	10/13/2021 19:05:30	1	59	43	107	064:18:10.20 N	095:56:41.40 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:08:38	3	10	64	174	064:18:02.99 N	095:57:23.99 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:10:56	4	41	63	144	064:18:18.00 N	095:57:32.99 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:13:05	5	21	6	118	064:18:19.20 N	095:57:20.99 W
Fall	C-GLYF	1358	ARRIVAL	10/13/2021 19:14:14	1	0	-5	62	064:18:18.59 N	095:57:13.19 W
Fall	C-GLYF	1358	DEPARTURE	10/13/2021 19:15:51	2	80	88	58	064:18:14.99 N	095:56:35.40 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:17:57	6	130	575	4	064:22:25.80 N	095:55:33.00 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:20:06	7	137	850	3	064:27:09.60 N	095:54:49.20 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:22:19	8	139	868	5	064:32:03.60 N	095:53:41.99 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:24:29	9	136	871	7	064:37:12.00 N	095:52:15.00 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:28:07	10	134	834	346	064:45:11.99 N	095:55:46.79 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:30:14	11	133	855	345	064:49:41.39 N	095:58:28.79 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:32:22	12	133	849	351	064:54:20.99 N	096:00:39.00 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:34:34	13	142	588	352	064:59:11.99 N	096:02:10.20 W
Fall	C-GLYF	1358	SCHED	10/13/2021 19:37:25	14	0	125	198	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1358	XML_OVERDUE_REPORT	10/13/2021 19:44:43	0	0	0	0		
Fall	C-GLYF	1358	XML_FLIGHT_SUMMARY	10/14/2021 13:17:31	0	0	0	0		
Fall	C-GLYF	1359	POWER_ON	10/14/2021 13:17:30	NA	NA	NA	NA		
Fall	C-GLYF	1359	SCHED	10/14/2021 13:17:58	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:20:06	2	1	133	178	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:22:21	3	3	153	150	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1359	DEPARTURE	10/14/2021 13:22:57	1	93	229	320	065:01:36.59 N	096:05:01.79 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:25:05	4	17	196	198	065:01:54.60 N	096:09:24.59 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:27:13	5	89	297	85	065:02:41.39 N	096:08:12.60 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:29:20	6	95	273	34	065:03:43.80 N	096:01:46.19 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:31:29	7	0	174	178	065:04:04.79 N	096:00:11.99 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:34:25	8	67	273	239	065:03:02.99 N	096:03:45.00 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:37:17	9	2	192	191	065:01:51.60 N	096:09:26.99 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:39:34	10	76	264	112	065:02:37.80 N	096:06:52.20 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:41:52	11	70	245	48	065:04:17.39 N	096:00:51.00 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:44:03	12	69	254	247	065:03:48.00 N	096:00:51.00 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:46:10	13	71	254	253	065:02:48.60 N	096:06:36.00 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:48:19	14	0	189	216	065:01:51.60 N	096:09:26.99 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:50:31	15	76	264	80	065:02:42.59 N	096:07:21.00 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:52:44	16	76	262	50	065:03:57.60 N	096:01:37.80 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:54:51	17	58	228	316	065:04:18.59 N	095:59:49.19 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:56:58	18	68	263	241	065:03:50.99 N	096:00:40.20 W
Fall	C-GLYF	1359	SCHED	10/14/2021 13:59:04	19	74	261	253	065:02:52.19 N	096:06:10.79 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:01:19	20	2	192	188	065:01:51.60 N	096:09:26.99 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:03:30	21	71	248	84	065:02:40.80 N	096:07:44.40 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:05:37	22	82	259	50	065:03:55.79 N	096:01:48.60 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:08:43	23	42	209	219	065:03:57.60 N	096:00:11.99 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:10:50	24	68	243	250	065:02:49.19 N	096:06:33.00 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:12:57	25	1	203	198	065:01:52.80 N	096:09:28.19 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:15:09	26	64	247	139	065:02:25.79 N	096:05:52.80 W
Fall	C-GLYF	1359	SCHED	10/14/2021 14:17:20	27	2	146	42	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1359	ARRIVAL	10/14/2021 14:18:35	1	0	139	248	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1359	XML_FLIGHT_SUMMARY	10/14/2021 14:18:36	0	0	0	0		
Fall	C-GLYF	1360	POWER_ON	10/14/2021 15:34:12	NA	NA	NA	NA		
Fall	C-GLYF	1360	SCHED	10/14/2021 15:34:49	1	0	138	0	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1360	SCHED	10/14/2021 15:37:03	2	0	141	0	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1360	DEPARTURE	10/14/2021 15:38:10	1	71	213	33	065:01:40.80 N	096:03:40.20 W
Fall	C-GLYF	1360	SCHED	10/14/2021 15:40:17	3	33	244	50	065:02:52.19 N	096:02:05.99 W
Fall	C-GLYF	1360	SCHED	10/14/2021 15:42:34	4	49	276	26	065:03:46.80 N	096:00:43.80 W
Fall	C-GLYF	1360	SCHED	10/14/2021 15:44:50	5	4	161	320	065:04:07.20 N	096:00:24.59 W
Fall	C-GLYF	1360	ARRIVAL	10/14/2021 15:46:01	1	0	143	281	065:04:07.79 N	096:00:25.79 W
Fall	C-GLYF	1360	XML_FLIGHT_SUMMARY	10/14/2021 15:46:02	0	0	0	0		
Fall	C-GLYF	1361	POWER_ON	10/14/2021 18:01:28	NA	NA	NA	NA		
Fall	C-GLYF	1361	SCHED	10/14/2021 18:02:06	1	0	136	299	065:04:07.79 N	096:00:25.79 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:04:14	2	0	136	107	065:04:07.79 N	096:00:25.20 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:06:24	3	0	174	158	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:08:31	4	69	218	10	065:03:55.79 N	095:59:37.79 W
Fall	C-GLYF	1361	DEPARTURE	10/14/2021 18:08:37	1	69	218	10	065:03:55.79 N	095:59:37.79 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:10:52	5	8	172	166	065:03:52.19 N	096:00:05.39 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:12:59	6	36	182	170	065:04:02.99 N	096:00:10.80 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:15:12	7	30	200	190	065:04:13.79 N	096:00:13.79 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:17:20	8	1	173	360	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:19:28	9	0	175	195	065:04:08.40 N	096:00:15.00 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:21:38	10	0	174	157	065:03:52.19 N	096:00:06.00 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:23:53	11	7	175	158	065:04:07.79 N	096:00:15.60 W
Fall	C-GLYF	1361	SCHED	10/14/2021 18:26:50	12	1	169	198	065:04:04.79 N	096:00:13.19 W

Table 4 Track Data (2021)											
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude	
Fall	C-GLYF	1361	SCHED	10/14/2021 18:28:55	13	64	259	226	065:03:04.19 N	096:03:22.19 W	
Fall	C-GLYF	1361	SCHED	10/14/2021 18:31:04	14	32	223	171	065:01:33.59 N	096:04:34.19 W	
Fall	C-GLYF	1361	SCHED	10/14/2021 18:33:12	15	1	168	147	065:01:27.00 N	096:04:16.20 W	
Fall	C-GLYF	1361	ARRIVAL	10/14/2021 18:34:42	1	0	133	139	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1361	XML_FLIGHT_SUMMARY	10/14/2021 18:34:43	0	0	0	0			
Fall	C-GLYF	1362	POWER_ON	10/14/2021 20:02:28	NA	NA	NA	NA			
Fall	C-GLYF	1362	SCHED	10/14/2021 20:03:04	1	0	132	88	065:01:26.40 N	096:04:16.79 W	
Fall	C-GLYF	1362	SCHED	10/14/2021 20:05:14	2	0	133	88	065:01:26.40 N	096:04:16.79 W	
Fall	C-GLYF	1362	DEPARTURE	10/14/2021 20:05:57	1	84	217	353	065:01:37.80 N	096:03:53.99 W	
Fall	C-GLYF	1362	SCHED	10/14/2021 20:08:08	3	128	422	306	065:04:15.59 N	096:11:31.79 W	
Fall	C-GLYF	1362	SCHED	10/14/2021 20:10:16	4	2	146	168	065:06:13.20 N	096:17:25.20 W	
Fall	C-GLYF	1362	ARRIVAL	10/14/2021 20:11:06	1	0	142	168	065:06:13.20 N	096:17:25.20 W	
Fall	C-GLYF	1362	XML_FLIGHT_SUMMARY	10/14/2021 20:11:07	0	0	0	0			
Fall	C-GLYF	1363	POWER_ON	10/14/2021 21:12:45	NA	NA	NA	NA			
Fall	C-GLYF	1363	SCHED	10/14/2021 21:13:23	1	0	136	1	065:06:13.20 N	096:17:25.20 W	
Fall	C-GLYF	1363	DEPARTURE	10/14/2021 21:15:03	1	60	219	156	065:05:56.40 N	096:17:19.79 W	
Fall	C-GLYF	1363	SCHED	10/14/2021 21:17:10	2	99	414	121	065:03:57.60 N	096:11:41.99 W	
Fall	C-GLYF	1363	SCHED	10/14/2021 21:20:08	3	51	206	168	065:01:37.19 N	096:04:11.40 W	
Fall	C-GLYF	1363	ARRIVAL	10/14/2021 21:21:08	1	0	130	224	065:01:24.59 N	096:04:15.00 W	
Fall	C-GLYF	1363	XML_FLIGHT_SUMMARY	10/14/2021 21:21:09	0	0	0	0			
Fall	C-GLYF	1364	POWER_ON	10/14/2021 21:26:42	NA	NA	NA	NA			
Fall	C-GLYF	1364	SCHED	10/14/2021 21:27:19	1	0	139	0	065:01:25.20 N	096:04:15.00 W	
Fall	C-GLYF	1364	SCHED	10/14/2021 21:29:27	2	0	137	188	065:01:26.40 N	096:04:16.79 W	
Fall	C-GLYF	1364	POWER_ON	10/15/2021 13:43:14	NA	NA	NA	NA			
Fall	C-GLYF	1364	SCHED	10/15/2021 13:43:56	1	0	0	0	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:46:05	2	0	138	24	065:01:26.40 N	096:04:16.79 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:48:22	3	0	159	133	065:01:26.40 N	096:04:16.20 W	
Fall	C-GLYF	1364	DEPARTURE	10/15/2021 13:48:46	1	80	229	349	065:01:44.39 N	096:04:06.59 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:51:00	4	24	216	114	065:01:52.19 N	096:09:35.40 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:53:07	5	70	299	77	065:02:44.39 N	096:07:33.60 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:55:16	6	74	265	58	065:03:50.39 N	096:02:05.40 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:57:23	7	72	242	223	065:03:54.60 N	096:00:06.60 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 13:59:30	8	107	292	257	065:02:44.39 N	096:07:58.20 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:01:39	9	40	209	64	065:01:51.60 N	096:09:16.80 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:03:47	10	72	296	56	065:03:07.20 N	096:05:09.59 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:05:57	11	24	199	82	065:04:04.79 N	096:00:17.99 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:08:05	12	103	292	253	065:03:32.39 N	096:01:58.19 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:10:15	13	84	250	195	065:02:08.99 N	096:09:45.00 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:12:25	14	46	221	36	065:01:54.60 N	096:09:15.59 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:14:49	15	70	281	60	065:03:12.60 N	096:05:03.60 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:17:10	16	3	183	59	065:04:04.20 N	096:00:13.19 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:19:19	17	99	315	253	065:03:30.59 N	096:01:36.00 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:21:30	18	92	260	204	065:02:15.60 N	096:09:43.20 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:23:47	19	69	258	21	065:02:21.59 N	096:08:59.39 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:25:57	20	73	247	62	065:03:34.80 N	096:03:25.20 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:28:07	21	1	172	83	065:04:13.20 N	096:00:09.59 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:30:15	22	107	286	250	065:03:04.19 N	096:05:02.39 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:32:35	23	1	188	103	065:01:51.60 N	096:09:26.99 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:34:43	24	72	255	158	065:01:44.39 N	096:05:09.59 W	
Fall	C-GLYF	1364	SCHED	10/15/2021 14:36:53	25	0	141	297	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1364	ARRIVAL	10/15/2021 14:37:31	1	0	142	297	065:01:25.20 N	096:04:15.00 W	
Fall	C-GLYF	1364	XML_FLIGHT_SUMMARY	10/15/2021 14:37:32	0	0	0	0			
Fall	C-GLYF	1365	POWER_ON	10/15/2021 15:01:07	NA	NA	NA	NA			
Fall	C-GLYF	1365	SCHED	10/15/2021 15:01:45	1	0	139	239	065:01:25.20 N	096:04:14.39 W	
Fall	C-GLYF	1365	SCHED	10/15/2021 15:03:57	2	0	141	216	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1365	POWER_ON	10/15/2021 19:27:18	NA	NA	NA	NA			
Fall	C-GLYF	1365	SCHED	10/15/2021 19:27:57	1	0	0	0	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1365	POWER_ON	10/15/2021 20:17:40	NA	NA	NA	NA			
Fall	C-GLYF	1365	SCHED	10/15/2021 20:18:17	1	0	139	0	065:01:27.00 N	096:04:16.79 W	
Fall	C-GLYF	1365	SCHED	10/15/2021 20:20:26	2	0	136	0	065:01:26.40 N	096:04:16.79 W	
Fall	C-GLYF	1365	DEPARTURE	10/15/2021 20:21:39	1	74	210	350	065:01:43.19 N	096:04:00.00 W	
Fall	C-GLYF	1365	SCHED	10/15/2021 20:23:47	3	74	246	61	065:04:00.00 N	096:01:04.19 W	
Fall	C-GLYF	1365	SCHED	10/15/2021 20:25:58	4	0	175	241	065:04:04.79 N	096:00:12.60 W	
Fall	C-GLYF	1365	SCHED	10/15/2021 20:28:08	5	38	207	207	065:04:10.79 N	096:00:46.20 W	
Fall	C-GLYF	1365	SCHED	10/15/2021 20:30:15	6	0	156	262	065:04:07.20 N	096:00:22.20 W	
Fall	C-GLYF	1365	ARRIVAL	10/15/2021 20:30:24	1	0	156	262	065:04:07.20 N	096:00:22.20 W	
Fall	C-GLYF	1365	XML_FLIGHT_SUMMARY	10/15/2021 20:30:25	0	0	0	0			
Fall	C-GLYF	1366	POWER_ON	10/15/2021 20:45:08	NA	NA	NA	NA			
Fall	C-GLYF	1366	SCHED	10/15/2021 20:45:48	1	0	144	0	065:04:07.20 N	096:00:22.20 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 20:47:58	2	46	191	257	065:04:14.40 N	096:00:14.40 W	
Fall	C-GLYF	1366	DEPARTURE	10/15/2021 20:48:06	1	42	192	246	065:04:13.79 N	096:00:16.19 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 20:50:18	3	9	172	110	065:04:08.40 N	096:00:17.39 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 20:52:26	4	33	193	127	065:04:08.40 N	096:00:30.60 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 20:54:34	5	0	170	210	065:04:08.40 N	096:00:15.60 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 20:56:42	6	41	203	178	065:04:11.99 N	096:00:26.40 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 20:58:56	7	61	211	273	065:04:17.39 N	096:00:17.99 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:01:04	8	6	179	138	065:04:16.20 N	096:00:10.80 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:03:21	9	58	213	299	065:04:16.79 N	096:00:09.59 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:05:29	10	8	187	102	065:04:08.40 N	096:00:17.99 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:07:36	11	0	168	115	065:04:08.40 N	096:00:15.00 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:09:44	12	1	169	95	065:04:08.40 N	096:00:15.00 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:11:54	13	35	194	181	065:04:11.99 N	096:00:36.00 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:14:14	14	51	199	213	065:04:11.99 N	096:00:39.00 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:16:20	15	0	162	146	065:04:04.79 N	096:00:12.60 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:18:30	16	0	165	119	065:04:08.40 N	096:00:15.00 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:20:41	17	1	167	239	065:04:04.79 N	096:00:12.60 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:22:59	18	0	168	128	065:04:04.79 N	096:00:11.99 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:25:07	19	4	180	87	065:04:08.40 N	096:00:15.60 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:27:14	20	22	190	125	065:04:08.99 N	096:00:19.79 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:29:29	21	0	173	99	065:04:08.40 N	096:00:15.60 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:31:37	22	15	190	110	065:04:08.40 N	096:00:19.79 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:33:46	23	12	192	108	065:04:08.40 N	096:00:17.99 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:35:57	24	43	212	257	065:04:16.79 N	096:00:23.40 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:38:06	25	26	180	65	065:04:05.40 N	096:00:08.99 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:40:13	26	1	172	268	065:04:07.20 N	096:00:20.99 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:42:19	27	0	168	324	065:04:08.40 N	096:00:15.00 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:44:26	28	25	177	47	065:04:05.99 N	096:00:09.59 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:46:43	29	30	178	52	065:04:05.99 N	096:00:08.40 W	
Fall	C-GLYF	1366	SCHED	10/15/2021 21:49:09	30	22	185	147	065:04:09.59 N	096:00:20.99 W	

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1366	SCHED	10/15/2021 21:51:20	31	46	195	317	065:04:15.59 N	096:00:08.40 W
Fall	C-GLYF	1366	SCHED	10/15/2021 21:53:31	32	40	189	262	065:04:11.99 N	096:00:15.00 W
Fall	C-GLYF	1366	SCHED	10/15/2021 21:55:37	33	1	176	59	065:04:08.40 N	096:00:16.19 W
Fall	C-GLYF	1366	SCHED	10/15/2021 21:57:51	34	19	180	159	065:04:05.99 N	096:00:14.40 W
Fall	C-GLYF	1366	SCHED	10/15/2021 21:59:59	35	97	287	238	065:03:45.00 N	096:01:20.40 W
Fall	C-GLYF	1366	SCHED	10/15/2021 22:02:06	36	7	176	91	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1366	ARRIVAL	10/15/2021 22:04:07	1	0	139	307	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1366	XML_FLIGHT_SUMMARY	10/15/2021 22:04:08	0	0	0	0		
Fall	C-GLYF	1366	SCHED	10/15/2021 22:04:19	37	0	139	307	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1367	POWER_ON	10/15/2021 22:11:07	NA	NA	NA	NA		
Fall	C-GLYF	1367	SCHED	10/15/2021 22:11:57	1	0	142	317	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1367	POWER_ON	10/17/2021 14:56:40	NA	NA	NA	NA		
Fall	C-GLYF	1367	SCHED	10/17/2021 14:58:23	1	1	0	294	065:01:27.60 N	096:04:17.39 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:00:31	2	0	0	301	065:01:27.60 N	096:04:18.59 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:02:39	3	0	0	299	065:01:27.60 N	096:04:18.59 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:04:49	4	0	140	303	065:01:26.40 N	096:04:18.59 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:06:57	5	0	137	303	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:09:08	6	0	136	303	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:11:15	7	30	181	277	065:01:27.00 N	096:04:21.00 W
Fall	C-GLYF	1367	DEPARTURE	10/17/2021 15:11:33	1	65	225	310	065:01:35.40 N	096:04:55.20 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:13:55	8	58	241	201	065:01:56.39 N	096:09:06.59 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:16:56	9	106	297	72	065:03:04.79 N	096:04:43.19 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:19:04	10	0	172	285	065:04:08.40 N	096:00:15.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:21:14	11	77	302	244	065:03:10.20 N	096:04:28.80 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:23:22	12	18	215	261	065:01:51.60 N	096:09:21.60 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:25:33	13	89	281	54	065:02:33.59 N	096:08:42.60 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:27:43	14	97	260	75	065:03:47.39 N	096:00:51.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:29:49	15	71	232	242	065:03:54.60 N	096:01:18.60 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:32:03	16	75	285	247	065:02:54.00 N	096:06:51.59 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:34:11	17	0	184	270	065:01:51.60 N	096:09:26.99 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:36:20	18	106	289	75	065:03:05.40 N	096:04:38.39 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:38:27	19	0	181	225	065:04:08.40 N	096:00:15.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:40:38	20	72	279	242	065:03:24.59 N	096:03:36.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:42:51	21	73	242	198	065:02:11.40 N	096:08:58.20 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:45:00	22	97	287	53	065:02:28.20 N	096:08:32.40 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:47:10	23	84	242	59	065:03:55.79 N	095:59:58.80 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:49:18	24	74	236	232	065:03:52.19 N	096:01:28.20 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:51:28	25	73	275	269	065:02:44.39 N	096:06:45.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:53:35	26	89	214	26	065:02:02.40 N	096:09:33.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:55:42	27	110	284	64	065:03:19.79 N	096:01:22.80 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:57:48	28	44	192	232	065:04:06.60 N	096:00:23.40 W
Fall	C-GLYF	1367	SCHED	10/17/2021 15:59:59	29	76	257	173	065:02:10.20 N	096:04:07.20 W
Fall	C-GLYF	1367	SCHED	10/17/2021 16:02:10	30	7	198	219	065:01:27.00 N	096:04:15.00 W
Fall	C-GLYF	1367	SCHED	10/17/2021 16:04:18	31	0	141	227	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1367	ARRIVAL	10/17/2021 16:04:28	1	0	141	227	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1367	XML_FLIGHT_SUMMARY	10/17/2021 16:04:29	0	0	0	0		
Fall	C-GLYF	1368	POWER_ON	10/17/2021 19:49:29	NA	NA	NA	NA		
Fall	C-GLYF	1368	SCHED	10/17/2021 19:50:06	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1368	SCHED	10/17/2021 19:52:24	2	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1368	DEPARTURE	10/17/2021 19:53:46	1	89	0	272	065:02:43.19 N	096:07:31.79 W
Fall	C-GLYF	1368	SCHED	10/17/2021 19:55:52	3	0	143	64	065:01:50.99 N	096:09:31.19 W
Fall	C-GLYF	1368	ARRIVAL	10/17/2021 19:55:57	1	0	143	64	065:01:50.99 N	096:09:31.19 W
Fall	C-GLYF	1368	XML_FLIGHT_SUMMARY	10/17/2021 19:55:58	0	0	0	0		
Fall	C-GLYF	1369	DEPARTURE	10/17/2021 19:57:07	2	74	170	319	065:02:01.80 N	096:10:04.79 W
Fall	C-GLYF	1369	SCHED	10/17/2021 19:59:18	4	103	263	322	065:04:43.80 N	096:14:52.19 W
Fall	C-GLYF	1369	SCHED	10/17/2021 20:01:28	5	0	127	107	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1369	ARRIVAL	10/17/2021 20:02:02	2	0	127	107	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1369	XML_FLIGHT_SUMMARY	10/17/2021 20:02:03	0	0	0	0		
Fall	C-GLYF	1369	SCHED	10/17/2021 20:04:12	6	0	128	107	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1370	DEPARTURE	10/17/2021 20:04:48	3	74	194	180	065:06:04.79 N	096:17:51.00 W
Fall	C-GLYF	1370	SCHED	10/17/2021 20:06:56	7	120	347	121	065:03:37.19 N	096:09:25.20 W
Fall	C-GLYF	1370	SCHED	10/17/2021 20:09:07	8	0	133	223	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1370	ARRIVAL	10/17/2021 20:09:56	3	0	128	223	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1370	XML_FLIGHT_SUMMARY	10/17/2021 20:09:57	0	0	0	0		
Fall	C-GLYF	1370	SCHED	10/17/2021 20:12:06	9	3	135	337	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1371	DEPARTURE	10/17/2021 20:13:00	4	72	218	313	065:01:33.59 N	096:04:57.60 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:15:09	10	25	206	261	065:01:52.80 N	096:09:19.79 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:17:17	11	38	222	294	065:01:50.99 N	096:09:56.39 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:19:25	12	77	306	325	065:03:40.20 N	096:13:06.60 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:22:20	13	29	209	277	065:06:10.79 N	096:17:05.99 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:24:56	14	89	312	172	065:05:40.19 N	096:15:52.80 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:27:05	15	101	328	129	065:03:24.00 N	096:09:03.59 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:29:17	16	14	185	193	065:01:27.60 N	096:04:15.60 W
Fall	C-GLYF	1371	SCHED	10/17/2021 20:32:02	17	0	140	226	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1371	ARRIVAL	10/17/2021 20:32:17	4	0	140	226	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1371	XML_FLIGHT_SUMMARY	10/17/2021 20:32:18	0	0	0	0		
Fall	C-GLYF	1372	POWER_ON	10/17/2021 21:47:35	NA	NA	NA	NA		
Fall	C-GLYF	1372	SCHED	10/17/2021 21:48:25	1	0	130	357	065:01:25.20 N	096:04:14.39 W
Fall	C-GLYF	1372	DEPARTURE	10/17/2021 21:50:05	1	87	180	316	065:01:36.00 N	096:04:58.20 W
Fall	C-GLYF	1372	SCHED	10/17/2021 21:52:13	2	107	310	308	065:03:53.99 N	096:11:25.20 W
Fall	C-GLYF	1372	SCHED	10/17/2021 21:54:30	3	31	160	264	065:06:10.79 N	096:17:17.99 W
Fall	C-GLYF	1372	ARRIVAL	10/17/2021 21:55:30	1	0	137	77	065:06:12.00 N	096:17:21.59 W
Fall	C-GLYF	1372	XML_FLIGHT_SUMMARY	10/17/2021 21:55:31	0	0	0	0		
Fall	C-GLYF	1373	DEPARTURE	10/17/2021 21:57:04	2	71	197	165	065:06:01.20 N	096:17:42.59 W
Fall	C-GLYF	1373	SCHED	10/17/2021 21:59:16	4	112	301	122	065:03:50.39 N	096:10:35.99 W
Fall	C-GLYF	1373	SCHED	10/17/2021 22:01:25	5	43	174	212	065:01:33.59 N	096:04:05.99 W
Fall	C-GLYF	1373	ARRIVAL	10/17/2021 22:02:34	2	0	142	194	065:01:26.40 N	096:04:17.39 W
Fall	C-GLYF	1373	XML_FLIGHT_SUMMARY	10/17/2021 22:02:35	0	0	0	0		
Fall	C-GLYF	1374	POWER_ON	10/18/2021 15:15:49	NA	NA	NA	NA		
Fall	C-GLYF	1374	SCHED	10/18/2021 15:17:20	1	0	0	0	065:01:26.40 N	096:04:17.39 W
Fall	C-GLYF	1374	SCHED	10/18/2021 15:19:28	2	0	141	14	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1374	DEPARTURE	10/18/2021 15:20:58	1	76	199	308	065:01:34.79 N	096:04:58.20 W
Fall	C-GLYF	1374	SCHED	10/18/2021 15:23:08	3	97	393	308	065:03:39.00 N	096:10:57.60 W
Fall	C-GLYF	1374	SCHED	10/18/2021 15:25:18	4	83	205	333	065:06:12.60 N	096:16:34.19 W
Fall	C-GLYF	1374	ARRIVAL	10/18/2021 15:27:10	1	0	140	68	065:06:12.00 N	096:17:21.00 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1374	XML_FLIGHT_SUMMARY	10/18/2021 15:27:11	0	0	0	0		
Fall	C-GLYF	1375	POWER_ON	10/18/2021 16:44:51	NA	NA	NA	NA		
Fall	C-GLYF	1375	SCHED	10/18/2021 16:45:28	1	0	146	25	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1375	SCHED	10/18/2021 16:47:37	2	0	146	25	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1375	SCHED	10/18/2021 16:49:45	3	33	194	215	065:06:09.59 N	096:17:35.40 W
Fall	C-GLYF	1375	DEPARTURE	10/18/2021 16:49:58	1	58	218	146	065:05:59.40 N	096:17:30.60 W
Fall	C-GLYF	1375	SCHED	10/18/2021 16:52:05	4	92	315	107	065:04:33.00 N	096:11:40.20 W
Fall	C-GLYF	1375	SCHED	10/18/2021 16:54:11	5	87	288	127	065:02:43.80 N	096:06:26.39 W
Fall	C-GLYF	1375	SCHED	10/18/2021 16:57:01	6	1	164	105	065:01:26.40 N	096:04:17.39 W
Fall	C-GLYF	1375	ARRIVAL	10/18/2021 16:58:02	1	0	152	40	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1375	XML_FLIGHT_SUMMARY	10/18/2021 16:58:03	0	0	0	0		
Fall	C-GLYF	1376	POWER_ON	10/18/2021 18:24:10	NA	NA	NA	NA		
Fall	C-GLYF	1376	SCHED	10/18/2021 18:24:49	1	0	135	351	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1376	POWER_ON	10/18/2021 18:25:16	NA	NA	NA	NA		
Fall	C-GLYF	1376	SCHED	10/18/2021 18:26:19	1	0	127	357	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1376	DEPARTURE	10/18/2021 18:28:06	1	81	233	321	065:01:34.20 N	096:04:55.80 W
Fall	C-GLYF	1376	SCHED	10/18/2021 18:30:13	2	85	249	305	065:03:31.19 N	096:09:56.39 W
Fall	C-GLYF	1376	SCHED	10/18/2021 18:32:20	3	81	275	318	065:05:10.20 N	096:15:17.39 W
Fall	C-GLYF	1376	SCHED	10/18/2021 18:34:36	4	1	149	254	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1376	ARRIVAL	10/18/2021 18:35:32	1	0	139	251	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1376	XML_FLIGHT_SUMMARY	10/18/2021 18:35:33	0	0	0	0		
Fall	C-GLYF	1376	SCHED	10/18/2021 18:37:48	5	3	168	279	065:06:12.60 N	096:17:22.80 W
Fall	C-GLYF	1377	DEPARTURE	10/18/2021 18:38:51	2	72	225	142	065:05:58.20 N	096:17:28.20 W
Fall	C-GLYF	1377	SCHED	10/18/2021 18:41:08	6	97	284	120	065:03:41.39 N	096:11:46.79 W
Fall	C-GLYF	1377	SCHED	10/18/2021 18:43:16	7	83	283	139	065:02:01.80 N	096:04:07.80 W
Fall	C-GLYF	1377	SCHED	10/18/2021 18:45:40	8	1	158	130	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1377	ARRIVAL	10/18/2021 18:48:44	2	0	138	13	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1377	XML_FLIGHT_SUMMARY	10/18/2021 18:48:45	0	0	0	0		
Fall	C-GLYF	1378	DEPARTURE	10/18/2021 18:50:02	3	70	207	306	065:01:34.20 N	096:04:56.40 W
Fall	C-GLYF	1378	SCHED	10/18/2021 18:52:12	9	76	262	306	065:02:45.00 N	096:09:20.40 W
Fall	C-GLYF	1378	SCHED	10/18/2021 18:54:36	10	86	277	320	065:04:35.99 N	096:14:24.59 W
Fall	C-GLYF	1378	SCHED	10/18/2021 18:56:49	11	0	174	282	065:06:12.60 N	096:17:23.40 W
Fall	C-GLYF	1378	SCHED	10/18/2021 18:58:58	12	78	258	132	065:05:21.59 N	096:16:19.79 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:01:06	13	82	258	135	065:03:22.20 N	096:11:25.80 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:03:18	14	1	186	286	065:01:52.80 N	096:09:30.00 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:05:26	15	0	175	286	065:01:52.80 N	096:09:29.40 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:07:38	16	89	304	131	065:02:07.80 N	096:04:38.39 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:09:46	17	9	137	237	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:11:53	18	95	281	296	065:03:18.59 N	096:10:06.59 W
Fall	C-GLYF	1378	SCHED	10/18/2021 19:14:00	19	101	262	325	065:05:48.60 N	096:16:15.00 W
Fall	C-GLYF	1378	ARRIVAL	10/18/2021 19:16:00	3	0	127	48	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1378	XML_FLIGHT_SUMMARY	10/18/2021 19:16:01	0	0	0	0		
Fall	C-GLYF	1378	SCHED	10/18/2021 19:18:08	20	8	128	351	065:06:12.00 N	096:17:21.00 W
Fall	C-GLYF	1379	DEPARTURE	10/18/2021 19:19:08	4	80	199	149	065:05:55.79 N	096:17:25.20 W
Fall	C-GLYF	1379	SCHED	10/18/2021 19:21:17	21	122	316	116	065:03:24.00 N	096:09:52.19 W
Fall	C-GLYF	1379	SCHED	10/18/2021 19:23:26	22	9	130	225	065:01:25.20 N	096:04:13.79 W
Fall	C-GLYF	1379	ARRIVAL	10/18/2021 19:25:08	4	0	127	225	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1379	XML_FLIGHT_SUMMARY	10/18/2021 19:25:09	0	0	0	0		
Fall	C-GLYF	1380	POWER_ON	10/18/2021 19:32:04	NA	NA	NA	NA		
Fall	C-GLYF	1380	SCHED	10/18/2021 19:32:59	1	0	129	191	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1380	POWER_ON	10/19/2021 18:14:51	NA	NA	NA	NA		
Fall	C-GLYF	1380	SCHED	10/19/2021 18:15:30	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Fall	C-GLYF	1380	SCHED	10/19/2021 18:17:37	2	0	0	182	065:01:26.40 N	096:04:18.00 W
Fall	C-GLYF	1380	SCHED	10/19/2021 18:19:54	3	0	0	283	065:01:27.00 N	096:04:18.00 W
Fall	C-GLYF	1380	DEPARTURE	10/19/2021 18:20:39	1	64	269	8	065:01:43.80 N	096:04:13.79 W
Fall	C-GLYF	1380	SCHED	10/19/2021 18:22:50	4	55	226	13	065:03:55.79 N	096:00:04.19 W
Fall	C-GLYF	1380	SCHED	10/19/2021 18:25:00	5	1	145	286	065:04:07.20 N	096:00:22.20 W
Fall	C-GLYF	1380	ARRIVAL	10/19/2021 18:26:04	1	0	136	30	065:04:07.20 N	096:00:22.20 W
Fall	C-GLYF	1380	XML_FLIGHT_SUMMARY	10/19/2021 18:26:05	0	0	0	0		
Fall	C-GLYF	1380	SCHED	10/19/2021 18:28:16	6	0	135	62	065:04:07.20 N	096:00:22.20 W
Fall	C-GLYF	1381	POWER_ON	10/19/2021 18:44:59	NA	NA	NA	NA		
Fall	C-GLYF	1381	SCHED	10/19/2021 18:45:44	1	1	140	175	065:04:07.20 N	096:00:22.80 W
Fall	C-GLYF	1381	SCHED	10/19/2021 18:47:52	2	4	176	189	065:04:07.20 N	096:00:22.20 W
Fall	C-GLYF	1381	SCHED	10/19/2021 18:50:09	3	2	180	6	065:04:08.99 N	096:00:16.19 W
Fall	C-GLYF	1381	DEPARTURE	10/19/2021 18:53:00	1	62	237	66	065:04:17.39 N	095:59:42.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 18:55:14	4	82	244	238	065:04:05.40 N	095:59:20.40 W
Fall	C-GLYF	1381	SCHED	10/19/2021 18:58:16	5	1	177	350	065:04:53.40 N	095:59:18.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:00:25	6	62	220	24	065:04:25.80 N	095:59:27.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:02:34	7	75	202	176	065:04:45.00 N	095:59:05.39 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:04:44	8	49	210	73	065:04:14.40 N	096:00:06.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:06:51	9	0	181	105	065:04:52.19 N	095:59:19.19 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:08:56	10	1	177	264	065:04:53.40 N	095:59:18.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:11:11	11	38	177	340	065:04:03.59 N	096:00:15.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:13:21	12	3	160	356	065:04:52.80 N	095:59:18.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:15:28	13	0	151	256	065:04:08.40 N	096:00:15.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:18:26	14	83	213	224	065:04:03.59 N	095:59:40.79 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:20:35	15	13	178	357	065:04:52.19 N	095:59:17.39 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:22:43	16	1	159	1	065:04:07.79 N	096:00:15.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:24:53	17	0	163	6	065:04:52.80 N	095:59:16.19 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:27:02	18	55	186	67	065:04:13.20 N	095:59:53.39 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:29:12	19	82	209	216	065:04:12.60 N	095:59:33.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:31:21	20	48	211	11	065:04:40.80 N	095:59:20.40 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:33:29	21	53	200	283	065:04:00.00 N	096:00:01.79 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:35:37	22	54	206	3	065:04:34.19 N	095:59:16.79 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:37:45	23	38	171	324	065:04:02.40 N	096:00:10.20 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:39:52	24	4	167	353	065:04:52.80 N	095:59:15.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:42:00	25	0	164	322	065:04:08.40 N	096:00:15.60 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:44:10	26	0	165	356	065:04:53.40 N	095:59:18.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:46:19	27	0	163	327	065:04:08.40 N	096:00:15.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:48:32	28	65	177	143	065:04:50.99 N	095:59:07.80 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:50:38	29	67	199	57	065:04:16.79 N	095:59:40.79 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:52:49	30	80	230	227	065:04:01.79 N	095:59:39.59 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:54:56	31	16	175	8	065:04:10.20 N	096:00:16.79 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:57:04	32	0	173	317	065:04:53.99 N	095:59:17.39 W
Fall	C-GLYF	1381	SCHED	10/19/2021 19:59:16	33	1	154	28	065:04:07.79 N	096:00:15.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 20:01:27	34	4	179	348	065:04:53.40 N	095:59:15.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 20:03:35	35	1	163	360	065:04:07.79 N	096:00:15.60 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1381	SCHED	10/19/2021 20:05:49	36	63	257	249	065:03:42.60 N	096:02:33.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 20:07:56	37	69	257	252	065:02:49.79 N	096:08:00.00 W
Fall	C-GLYF	1381	SCHED	10/19/2021 20:10:06	38	2	178	348	065:01:52.80 N	096:09:26.39 W
Fall	C-GLYF	1381	SCHED	10/19/2021 20:12:15	39	104	317	128	065:02:20.40 N	096:05:31.80 W
Fall	C-GLYF	1381	SCHED	10/19/2021 20:14:22	40	0	141	20	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1381	ARRIVAL	10/19/2021 20:14:59	1	0	140	20	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1381	XML_FLIGHT_SUMMARY	10/19/2021 20:15:00	0	0	0	0		
Fall	C-GLYF	1382	POWER_ON	10/19/2021 20:27:56	NA	NA	NA	NA		
Fall	C-GLYF	1382	SCHED	10/19/2021 20:28:32	1	0	130	216	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1382	DEPARTURE	10/19/2021 20:30:37	1	69	216	360	065:01:42.00 N	096:04:05.40 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:32:44	2	69	205	17	065:03:52.80 N	096:00:16.79 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:34:54	3	39	217	318	065:04:15.59 N	096:00:26.40 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:37:02	4	71	298	239	065:03:03.59 N	096:05:23.39 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:39:13	5	71	245	178	065:01:52.19 N	096:10:07.19 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:41:19	6	90	284	64	065:02:39.00 N	096:08:29.39 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:43:27	7	89	293	58	065:03:34.80 N	096:01:11.40 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:45:40	8	56	233	243	065:03:57.60 N	096:01:24.59 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:47:51	9	58	268	252	065:02:55.19 N	096:06:07.19 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:49:58	10	51	208	113	065:01:44.39 N	096:09:45.60 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:52:05	11	72	234	24	065:02:10.79 N	096:09:06.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:54:18	12	85	248	66	065:03:21.00 N	096:02:31.79 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:56:27	13	57	229	246	065:04:09.59 N	096:00:40.20 W
Fall	C-GLYF	1382	SCHED	10/19/2021 20:58:38	14	72	266	247	065:03:00.00 N	096:05:38.99 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:00:48	15	75	235	155	065:01:49.80 N	096:10:00.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:02:57	16	85	275	79	065:02:43.19 N	096:08:07.19 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:05:09	17	85	247	69	065:03:44.39 N	096:01:11.40 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:07:18	18	64	260	245	065:03:53.40 N	096:01:46.19 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:09:28	19	65	232	247	065:02:52.19 N	096:06:38.99 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:11:36	20	26	197	31	065:01:46.80 N	096:09:30.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:13:47	21	1	186	7	065:01:50.99 N	096:09:26.39 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:15:55	22	0	183	7	065:01:50.39 N	096:09:25.80 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:18:03	23	93	339	68	065:02:58.19 N	096:05:19.79 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:20:09	24	1	161	302	065:04:08.40 N	096:00:15.60 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:22:16	25	65	252	241	065:04:00.00 N	096:01:34.79 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:24:23	26	66	259	251	065:02:51.60 N	096:06:31.19 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:26:30	27	24	197	20	065:01:47.39 N	096:09:26.99 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:28:37	28	74	233	22	065:02:17.39 N	096:09:03.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:30:44	29	86	263	72	065:03:24.59 N	096:02:48.60 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:32:52	30	65	208	252	065:04:12.60 N	096:00:32.39 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:35:00	31	83	291	249	065:02:50.39 N	096:06:45.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:37:08	32	1	188	8	065:01:50.99 N	096:09:26.39 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:40:49	33	92	307	68	065:03:39.00 N	096:01:27.60 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:42:59	34	88	294	242	065:03:30.00 N	096:03:30.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:45:06	35	93	260	203	065:02:06.60 N	096:09:46.79 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:47:12	36	85	267	31	065:02:30.59 N	096:08:50.99 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:49:20	37	90	271	66	065:03:34.20 N	096:01:35.40 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:51:30	38	60	231	237	065:04:02.40 N	096:01:03.00 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:53:37	39	62	265	252	065:02:54.00 N	096:05:57.60 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:55:44	40	41	204	100	065:01:45.00 N	096:09:34.19 W
Fall	C-GLYF	1382	SCHED	10/19/2021 21:58:03	41	1	191	199	065:01:50.39 N	096:09:26.39 W
Fall	C-GLYF	1382	SCHED	10/19/2021 22:00:25	42	2	177	338	065:01:50.39 N	096:09:25.80 W
Fall	C-GLYF	1382	SCHED	10/19/2021 22:02:33	43	86	292	105	065:02:41.39 N	096:06:34.79 W
Fall	C-GLYF	1382	SCHED	10/19/2021 22:04:44	44	3	171	306	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1382	ARRIVAL	10/19/2021 22:06:33	1	0	132	308	065:01:24.59 N	096:04:14.39 W
Fall	C-GLYF	1382	XML_FLIGHT_SUMMARY	10/19/2021 22:06:34	0	0	0	0		
Fall	C-GLYF	1383	POWER_ON	10/19/2021 22:17:02	NA	NA	NA	NA		
Fall	C-GLYF	1383	SCHED	10/19/2021 22:18:01	1	0	138	0	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1383	POWER_ON	10/20/2021 15:33:58	NA	NA	NA	NA		
Fall	C-GLYF	1383	SCHED	10/20/2021 15:34:37	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1383	SCHED	10/20/2021 15:37:02	2	5	148	358	065:01:30.59 N	096:04:16.79 W
Fall	C-GLYF	1383	SCHED	10/20/2021 15:39:17	3	2	0	248	065:01:39.59 N	096:04:16.79 W
Fall	C-GLYF	1383	DEPARTURE	10/20/2021 15:40:06	1	74	220	1	065:01:44.39 N	096:04:00.60 W
Fall	C-GLYF	1383	SCHED	10/20/2021 15:42:26	4	1	187	322	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1383	ARRIVAL	10/20/2021 15:44:08	1	0	148	164	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1383	POWER_ON	10/21/2021 20:06:46	NA	NA	NA	NA		
Fall	C-GLYF	1383	SCHED	10/21/2021 20:07:30	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:09:41	2	0	0	360	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:11:49	3	2	171	120	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1383	DEPARTURE	10/21/2021 20:12:31	1	78	188	359	065:01:40.20 N	096:04:43.80 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:14:44	4	51	205	289	065:04:10.79 N	095:59:55.20 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:16:56	5	79	263	245	065:03:21.59 N	096:03:34.79 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:19:11	6	54	216	204	065:02:05.40 N	096:09:11.99 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:21:20	7	91	248	80	065:02:49.79 N	096:07:03.00 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:23:31	8	82	195	21	065:04:00.00 N	095:59:56.39 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:25:40	9	79	237	253	065:03:25.79 N	096:04:03.60 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:27:47	10	57	218	204	065:02:01.19 N	096:09:16.80 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:30:40	11	95	239	81	065:03:00.00 N	096:04:48.60 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:32:50	12	47	201	230	065:04:05.40 N	096:00:23.40 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:35:09	13	89	234	246	065:02:46.80 N	096:06:45.00 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:37:18	14	103	232	39	065:02:28.20 N	096:08:59.39 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:39:26	15	102	235	64	065:03:40.80 N	096:01:20.40 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:41:31	16	79	230	251	065:03:40.80 N	096:02:12.60 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:43:40	17	83	246	258	065:02:40.80 N	096:08:10.80 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:45:51	18	107	251	39	065:02:30.00 N	096:08:57.00 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:47:59	19	94	228	67	065:03:43.19 N	096:01:17.39 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:50:13	20	86	229	246	065:03:43.19 N	096:02:27.60 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:52:20	21	76	231	204	065:02:20.40 N	096:08:57.00 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:54:39	22	102	254	74	065:02:46.19 N	096:07:26.39 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:56:48	23	28	164	282	065:04:08.99 N	096:00:06.00 W
Fall	C-GLYF	1383	SCHED	10/21/2021 20:59:29	24	64	239	228	065:03:14.40 N	096:04:46.19 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:01:35	25	44	214	203	065:01:58.80 N	096:09:19.19 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:03:47	26	92	240	78	065:02:43.80 N	096:07:16.20 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:05:53	27	69	187	350	065:04:05.40 N	095:59:58.80 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:08:01	28	27	207	232	065:03:59.40 N	096:00:41.99 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:10:08	29	35	234	245	065:03:24.00 N	096:03:12.60 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:12:21	30	36	244	248	065:02:56.99 N	096:05:55.20 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:14:29	31	37	231	207	065:02:23.39 N	096:08:52.80 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:16:36	32	0	185	194	065:01:50.39 N	096:09:25.80 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:18:46	33	82	236	137	065:02:05.40 N	096:04:49.79 W
Fall	C-GLYF	1383	SCHED	10/21/2021 21:20:55	34	0	139	42	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1383	XML_OVERDUE_REPORT	10/21/2021 21:28:12	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Fall	C-GLYF	1383	XML_FLIGHT_SUMMARY	10/21/2021 21:37:40	0	0	0	0		
Fall	C-GLYF	1384	POWER_ON	10/21/2021 21:37:39	NA	NA	NA	NA		
Fall	C-GLYF	1384	SCHED	10/21/2021 21:38:15	1	0	138	134	065:01:25.20 N	096:04:15.00 W
Fall	C-GLYF	1384	DEPARTURE	10/21/2021 21:39:32	1	95	223	48	065:01:40.80 N	096:03:33.59 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:41:39	2	1	174	291	065:04:08.40 N	096:00:16.19 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:43:46	3	73	222	239	065:03:22.79 N	096:04:25.80 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:45:53	4	61	208	204	065:02:05.40 N	096:09:11.99 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:48:11	5	105	237	71	065:02:55.19 N	096:05:58.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:50:19	6	2	179	219	065:04:04.79 N	096:00:12.60 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:52:26	7	58	246	245	065:03:36.00 N	096:02:34.19 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:54:35	8	57	251	252	065:02:47.39 N	096:06:49.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:56:42	9	1	191	225	065:01:50.39 N	096:09:25.80 W
Fall	C-GLYF	1384	SCHED	10/21/2021 21:58:48	10	97	266	76	065:02:49.19 N	096:07:00.00 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:00:55	11	41	168	325	065:04:04.20 N	096:00:01.19 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:03:02	12	78	250	242	065:03:31.80 N	096:03:10.20 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:05:09	13	79	244	202	065:02:18.59 N	096:09:01.20 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:07:22	14	94	267	78	065:02:52.19 N	096:07:13.20 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:09:30	15	44	169	300	065:04:08.40 N	096:00:01.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:11:39	16	68	249	242	065:03:31.19 N	096:03:10.20 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:13:46	17	74	235	241	065:02:35.39 N	096:08:34.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:16:00	18	96	252	76	065:02:43.80 N	096:08:00.00 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:18:08	19	78	197	53	065:03:57.60 N	096:00:04.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:20:17	20	69	256	244	065:03:31.19 N	096:03:13.20 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:22:28	21	67	234	224	065:02:33.59 N	096:08:43.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:24:39	22	95	239	75	065:02:45.00 N	096:07:36.00 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:26:52	23	77	194	43	065:03:57.60 N	095:59:55.20 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:29:04	24	71	242	247	065:03:31.80 N	096:03:13.79 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:31:12	25	73	246	216	065:02:27.60 N	096:08:51.59 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:33:26	26	88	246	38	065:02:23.39 N	096:09:04.19 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:35:32	27	89	227	63	065:03:46.19 N	096:02:07.19 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:37:41	28	73	240	219	065:02:31.19 N	096:02:20.40 W
Fall	C-GLYF	1384	SCHED	10/21/2021 22:39:53	29	2	160	312	065:01:27.00 N	096:04:17.39 W
Fall	C-GLYF	1384	ARRIVAL	10/21/2021 22:41:19	1	0	144	81	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1384	XML_FLIGHT_SUMMARY	10/21/2021 22:41:20	0	0	0	0		
Fall	C-GLYF	1385	POWER_ON	10/22/2021 15:27:22	NA	NA	NA	NA		
Fall	C-GLYF	1385	SCHED	10/22/2021 15:27:59	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1385	SCHED	10/22/2021 15:30:12	2	1	88	196	065:01:25.79 N	096:04:16.20 W
Fall	C-GLYF	1385	SCHED	10/22/2021 15:32:28	3	0	92	71	065:01:25.79 N	096:04:16.20 W
Fall	C-GLYF	1385	SCHED	10/22/2021 15:34:37	4	0	113	71	065:01:26.40 N	096:04:16.20 W
Fall	C-GLYF	1385	POWER_ON	10/22/2021 16:20:38	NA	NA	NA	NA		
Fall	C-GLYF	1385	SCHED	10/22/2021 16:21:17	1	0	141	299	065:01:27.00 N	096:04:16.79 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:23:25	2	0	152	116	065:01:27.00 N	096:04:16.20 W
Fall	C-GLYF	1385	DEPARTURE	10/22/2021 16:24:29	1	66	189	206	065:01:14.99 N	096:04:45.00 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:26:36	3	89	455	178	064:58:18.60 N	096:05:40.20 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:28:47	4	94	580	187	064:55:10.20 N	096:06:06.00 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:30:58	5	92	682	190	064:51:48.59 N	096:07:25.20 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:33:08	6	103	873	180	064:48:16.20 N	096:08:18.00 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:35:15	7	110	875	177	064:44:23.99 N	096:08:23.99 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:37:23	8	107	873	183	064:40:37.80 N	096:08:16.20 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:39:30	9	107	891	189	064:36:53.40 N	096:08:51.59 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:41:37	10	110	874	176	064:33:03.59 N	096:08:16.80 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:43:45	11	113	881	177	064:29:08.39 N	096:07:16.20 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:45:52	12	114	726	171	064:25:07.80 N	096:05:50.40 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:47:58	13	110	352	185	064:21:03.59 N	096:04:21.59 W
Fall	C-GLYF	1385	SCHED	10/22/2021 16:50:13	14	3	23	135	064:18:14.99 N	096:04:53.99 W
Fall	C-GLYF	1385	ARRIVAL	10/22/2021 16:51:55	1	0	13	144	064:18:19.20 N	096:04:38.39 W
Fall	C-GLYF	1385	XML_FLIGHT_SUMMARY	10/22/2021 16:51:56	0	0	0	0		
Summer	C-GZRN	9590	POWER_ON	06/22/2021 13:30:21	NA	NA	NA	NA		
Summer	C-GZRN	9590	SCHED	06/22/2021 13:32:59	1	0	145	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9590	POWER_ON	06/22/2021 13:39:20	NA	NA	NA	NA		
Summer	C-GZRN	9590	SCHED	06/22/2021 13:39:58	1	0	148	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9590	SCHED	06/22/2021 13:45:05	2	0	147	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9590	SCHED	06/22/2021 13:50:11	3	0	145	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9590	SCHED	06/22/2021 13:55:17	4	0	145	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:00:25	5	0	145	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9590	POWER_ON	06/22/2021 14:28:14	NA	NA	NA	NA		
Summer	C-GZRN	9590	SCHED	06/22/2021 14:28:56	1	0	146	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9590	DEPARTURE	06/22/2021 14:32:40	1	66	184	305	065:01:37.80 N	096:04:45.60 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:35:52	2	107	334	319	065:05:55.79 N	096:10:48.00 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:39:01	3	101	298	334	065:10:31.79 N	096:17:47.39 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:42:06	4	105	400	345	065:15:21.60 N	096:22:02.39 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:45:16	5	100	412	293	065:19:30.00 N	096:29:00.60 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:48:22	6	100	459	327	065:21:32.39 N	096:39:34.79 W
Summer	C-GZRN	9590	SCHED	06/22/2021 14:51:28	7	1	162	329	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9590	ARRIVAL	06/22/2021 14:52:23	1	0	160	329	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9590	XML_FLIGHT_SUMMARY	06/22/2021 14:52:24	0	0	0	0		
Summer	C-GZRN	9591	POWER_ON	06/22/2021 15:08:23	NA	NA	NA	NA		
Summer	C-GZRN	9591	SCHED	06/22/2021 15:08:59	1	0	151	0	065:23:54.59 N	096:40:28.19 W
Summer	C-GZRN	9591	POWER_ON	06/22/2021 16:35:35	NA	NA	NA	NA		
Summer	C-GZRN	9591	POWER_ON	06/22/2021 16:39:30	NA	NA	NA	NA		
Summer	C-GZRN	9591	SCHED	06/22/2021 16:40:08	1	0	0	0	065:23:54.59 N	096:40:28.19 W
Summer	C-GZRN	9591	DEPARTURE	06/22/2021 16:44:08	1	77	234	120	065:23:38.99 N	096:39:59.39 W
Summer	C-GZRN	9591	SCHED	06/22/2021 16:47:18	2	119	467	91	065:23:30.00 N	096:26:27.60 W
Summer	C-GZRN	9591	SCHED	06/22/2021 16:50:30	3	120	433	93	065:23:29.39 N	096:11:28.19 W
Summer	C-GZRN	9591	SCHED	06/22/2021 16:53:38	4	107	328	117	065:22:06.00 N	095:57:04.19 W
Summer	C-GZRN	9591	SCHED	06/22/2021 16:56:45	5	100	341	278	065:20:35.99 N	095:56:25.80 W
Summer	C-GZRN	9591	SCHED	06/22/2021 16:59:50	6	109	423	276	065:21:18.00 N	096:09:33.00 W
Summer	C-GZRN	9591	SCHED	06/22/2021 17:03:00	7	108	447	278	065:21:55.79 N	096:22:52.80 W
Summer	C-GZRN	9591	SCHED	06/22/2021 17:08:09	8	17	169	171	065:22:48.59 N	096:42:10.20 W
Summer	C-GZRN	9591	ARRIVAL	06/22/2021 17:09:32	1	0	162	264	065:22:49.79 N	096:42:11.39 W
Summer	C-GZRN	9591	XML_FLIGHT_SUMMARY	06/22/2021 17:09:33	0	0	0	0		
Summer	C-GZRN	9592	DEPARTURE	06/22/2021 17:11:26	2	72	218	196	065:22:41.99 N	096:42:46.20 W
Summer	C-GZRN	9592	ARRIVAL	06/22/2021 17:13:49	2	0	169	232	065:21:59.99 N	096:42:04.19 W
Summer	C-GZRN	9592	DEPARTURE	06/22/2021 17:16:15	3	99	218	16	065:22:11.40 N	096:42:30.60 W
Summer	C-GZRN	9592	ARRIVAL	06/22/2021 17:18:30	3	0	156	355	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9592	POWER_ON	06/22/2021 17:21:22	NA	NA	NA	NA		
Summer	C-GZRN	9592	SCHED	06/22/2021 17:22:00	1	0	162	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9592	POWER_ON	06/22/2021 17:28:41	NA	NA	NA	NA		
Summer	C-GZRN	9592	SCHED	06/22/2021 17:29:16	1	0	157	0	065:23:54.59 N	096:40:28.19 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9592	SCHED	06/22/2021 17:34:23	2	0	157	0	065:23:54.59 N	096:40:28.19 W
Summer	C-GZRN	9592	POWER_ON	06/22/2021 20:59:21	NA	NA	NA	NA		
Summer	C-GZRN	9592	SCHED	06/22/2021 21:00:01	1	0	0	0	065:23:54.59 N	096:40:28.19 W
Summer	C-GZRN	9592	DEPARTURE	06/22/2021 21:02:30	1	76	196	185	065:23:34.19 N	096:40:31.79 W
Summer	C-GZRN	9592	SCHED	06/22/2021 21:05:36	2	98	309	350	065:21:35.99 N	096:41:52.79 W
Summer	C-GZRN	9592	ARRIVAL	06/22/2021 21:07:40	1	0	158	246	065:22:18.00 N	096:40:55.79 W
Summer	C-GZRN	9592	XML_FLIGHT_SUMMARY	06/22/2021 21:07:41	0	0	0	0		
Summer	C-GZRN	9593	DEPARTURE	06/22/2021 21:09:40	2	81	214	296	065:22:19.20 N	096:41:41.99 W
Summer	C-GZRN	9593	ARRIVAL	06/22/2021 21:11:52	2	0	156	252	065:23:37.19 N	096:41:59.39 W
Summer	C-GZRN	9593	DEPARTURE	06/22/2021 21:13:10	3	63	227	168	065:23:24.60 N	096:42:20.40 W
Summer	C-GZRN	9593	ARRIVAL	06/22/2021 21:15:31	3	0	157	3	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9593	POWER_ON	06/22/2021 21:52:31	NA	NA	NA	NA		
Summer	C-GZRN	9593	SCHED	06/22/2021 21:53:05	1	0	159	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9593	DEPARTURE	06/22/2021 21:56:41	1	72	209	169	065:23:35.99 N	096:40:27.60 W
Summer	C-GZRN	9593	SCHED	06/22/2021 21:59:49	2	102	890	146	065:19:55.79 N	096:33:38.99 W
Summer	C-GZRN	9593	SCHED	06/22/2021 22:02:55	3	111	951	143	065:15:13.19 N	096:26:11.39 W
Summer	C-GZRN	9593	SCHED	06/22/2021 22:06:01	4	110	921	154	065:10:30.00 N	096:18:17.39 W
Summer	C-GZRN	9593	SCHED	06/22/2021 22:09:07	5	121	817	130	065:05:40.19 N	096:10:36.59 W
Summer	C-GZRN	9593	SCHED	06/22/2021 22:12:12	6	85	528	150	065:01:50.39 N	096:05:01.20 W
Summer	C-GZRN	9593	ARRIVAL	06/22/2021 22:15:12	1	0	141	122	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9593	XML_FLIGHT_SUMMARY	06/22/2021 22:15:13	0	0	0	0		
Summer	C-GZRN	9594	POWER_ON	06/23/2021 12:44:11	NA	NA	NA	NA		
Summer	C-GZRN	9594	SCHED	06/23/2021 12:44:51	1	0	154	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9594	DEPARTURE	06/23/2021 12:49:16	1	71	197	358	065:01:32.39 N	096:04:48.00 W
Summer	C-GZRN	9594	SCHED	06/23/2021 12:52:22	2	81	226	312	065:05:05.40 N	095:59:00.60 W
Summer	C-GZRN	9594	ARRIVAL	06/23/2021 12:54:54	1	0	155	211	065:05:17.39 N	095:59:34.79 W
Summer	C-GZRN	9594	XML_FLIGHT_SUMMARY	06/23/2021 12:54:55	0	0	0	0		
Summer	C-GZRN	9595	DEPARTURE	06/23/2021 12:56:40	2	81	210	124	065:05:00.60 N	095:59:16.79 W
Summer	C-GZRN	9595	SCHED	06/23/2021 12:59:47	3	39	177	244	065:01:28.79 N	096:04:00.00 W
Summer	C-GZRN	9595	ARRIVAL	06/23/2021 13:01:07	2	0	134	285	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9595	XML_FLIGHT_SUMMARY	06/23/2021 13:01:08	0	0	0	0		
Summer	C-GZRN	9596	POWER_ON	06/23/2021 13:25:41	NA	NA	NA	NA		
Summer	C-GZRN	9596	SCHED	06/23/2021 13:26:18	1	0	137	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9596	POWER_ON	06/23/2021 13:30:19	NA	NA	NA	NA		
Summer	C-GZRN	9596	SCHED	06/23/2021 13:30:54	1	0	140	0	065:01:26.40 N	096:04:17.39 W
Summer	C-GZRN	9596	POWER_ON	06/23/2021 15:33:37	NA	NA	NA	NA		
Summer	C-GZRN	9596	SCHED	06/23/2021 15:34:21	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9596	DEPARTURE	06/23/2021 15:36:56	1	78	221	58	065:01:37.80 N	096:03:37.19 W
Summer	C-GZRN	9596	SCHED	06/23/2021 15:40:01	2	96	272	50	065:05:37.80 N	096:00:46.80 W
Summer	C-GZRN	9596	ARRIVAL	06/23/2021 15:42:22	1	0	152	129	065:05:01.79 N	095:59:12.60 W
Summer	C-GZRN	9596	XML_FLIGHT_SUMMARY	06/23/2021 15:42:23	0	0	0	0		
Summer	C-GZRN	9597	DEPARTURE	06/23/2021 15:43:54	2	77	203	143	065:04:49.79 N	095:58:34.79 W
Summer	C-GZRN	9597	SCHED	06/23/2021 15:47:02	3	1	154	162	065:01:26.40 N	096:04:17.39 W
Summer	C-GZRN	9597	ARRIVAL	06/23/2021 15:47:59	2	0	148	14	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9597	XML_FLIGHT_SUMMARY	06/23/2021 15:48:00	0	0	0	0		
Summer	C-GZRN	9598	POWER_ON	06/24/2021 11:16:55	NA	NA	NA	NA		
Summer	C-GZRN	9598	SCHED	06/24/2021 11:17:33	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9598	POWER_ON	06/24/2021 12:22:02	NA	NA	NA	NA		
Summer	C-GZRN	9598	SCHED	06/24/2021 12:22:30	1	0	136	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9598	DEPARTURE	06/24/2021 12:25:48	1	36	235	303	065:01:37.19 N	096:04:41.39 W
Summer	C-GZRN	9598	SCHED	06/24/2021 12:28:54	2	42	237	323	065:04:22.19 N	096:01:25.20 W
Summer	C-GZRN	9598	ARRIVAL	06/24/2021 12:30:44	1	0	142	11	065:04:39.60 N	096:02:03.00 W
Summer	C-GZRN	9598	XML_FLIGHT_SUMMARY	06/24/2021 12:30:45	0	0	0	0		
Summer	C-GZRN	9599	DEPARTURE	06/24/2021 12:32:43	2	47	213	294	065:04:47.99 N	096:02:33.00 W
Summer	C-GZRN	9599	SCHED	06/24/2021 12:35:53	3	126	351	156	065:00:47.39 N	096:05:13.79 W
Summer	C-GZRN	9599	SCHED	06/24/2021 12:38:58	4	0	150	284	065:01:26.40 N	096:04:17.39 W
Summer	C-GZRN	9599	ARRIVAL	06/24/2021 12:40:06	2	0	135	284	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9599	XML_FLIGHT_SUMMARY	06/24/2021 12:40:07	0	0	0	0		
Summer	C-GZRN	9600	POWER_ON	06/24/2021 15:31:08	NA	NA	NA	NA		
Summer	C-GZRN	9600	SCHED	06/24/2021 15:32:20	1	0	151	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9600	DEPARTURE	06/24/2021 15:35:01	1	46	246	316	065:01:37.80 N	096:04:41.39 W
Summer	C-GZRN	9600	SCHED	06/24/2021 15:38:07	2	29	196	347	065:04:31.80 N	096:01:58.19 W
Summer	C-GZRN	9600	ARRIVAL	06/24/2021 15:40:15	1	0	158	0	065:04:39.00 N	096:02:05.40 W
Summer	C-GZRN	9600	XML_FLIGHT_SUMMARY	06/24/2021 15:40:16	0	0	0	0		
Summer	C-GZRN	9601	DEPARTURE	06/24/2021 15:43:35	2	41	233	301	065:04:46.19 N	096:02:50.39 W
Summer	C-GZRN	9601	SCHED	06/24/2021 15:46:41	3	57	248	312	065:05:02.99 N	096:03:57.60 W
Summer	C-GZRN	9601	SCHED	06/24/2021 15:49:47	4	94	325	277	065:05:21.00 N	096:13:29.39 W
Summer	C-GZRN	9601	SCHED	06/24/2021 15:52:53	5	91	304	201	065:05:18.00 N	096:23:44.39 W
Summer	C-GZRN	9601	ARRIVAL	06/24/2021 15:55:21	2	0	152	50	065:05:39.00 N	096:23:30.60 W
Summer	C-GZRN	9601	XML_FLIGHT_SUMMARY	06/24/2021 15:55:22	0	0	0	0		
Summer	C-GZRN	9602	DEPARTURE	06/24/2021 15:57:11	3	57	251	55	065:05:52.19 N	096:23:14.39 W
Summer	C-GZRN	9602	SCHED	06/24/2021 16:00:19	6	122	391	126	065:03:04.79 N	096:11:06.00 W
Summer	C-GZRN	9602	SCHED	06/24/2021 16:03:28	7	0	162	253	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9602	ARRIVAL	06/24/2021 16:04:44	3	0	149	337	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9602	XML_FLIGHT_SUMMARY	06/24/2021 16:04:45	0	0	0	0		
Summer	C-GZRN	9603	POWER_ON	06/24/2021 16:22:32	NA	NA	NA	NA		
Summer	C-GZRN	9603	SCHED	06/24/2021 16:23:11	1	0	148	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9603	DEPARTURE	06/24/2021 16:24:46	1	75	225	226	065:01:20.99 N	096:04:55.80 W
Summer	C-GZRN	9603	SCHED	06/24/2021 16:27:54	2	134	375	196	064:55:13.80 N	096:09:15.59 W
Summer	C-GZRN	9603	SCHED	06/24/2021 16:31:02	3	128	309	194	064:48:34.80 N	096:13:43.20 W
Summer	C-GZRN	9603	SCHED	06/24/2021 16:34:13	4	133	375	197	064:42:05.39 N	096:18:07.20 W
Summer	C-GZRN	9603	SCHED	06/24/2021 16:37:19	5	103	227	138	064:39:30.00 N	096:16:17.99 W
Summer	C-GZRN	9603	ARRIVAL	06/24/2021 16:39:26	1	0	86	341	064:39:06.59 N	096:16:53.99 W
Summer	C-GZRN	9603	XML_FLIGHT_SUMMARY	06/24/2021 16:39:27	0	0	0	0		
Summer	C-GZRN	9604	DEPARTURE	06/24/2021 16:41:02	2	50	174	310	064:39:19.80 N	096:17:07.80 W
Summer	C-GZRN	9604	ARRIVAL	06/24/2021 16:43:29	2	0	129	303	064:39:25.80 N	096:19:26.99 W
Summer	C-GZRN	9604	POWER_ON	06/24/2021 18:46:29	NA	NA	NA	NA		
Summer	C-GZRN	9604	SCHED	06/24/2021 18:47:07	1	0	136	0	064:39:25.19 N	096:19:26.99 W
Summer	C-GZRN	9604	DEPARTURE	06/24/2021 18:48:02	1	59	210	11	064:39:41.99 N	096:19:22.19 W
Summer	C-GZRN	9604	SCHED	06/24/2021 18:51:08	2	85	330	16	064:43:45.59 N	096:16:28.79 W
Summer	C-GZRN	9604	SCHED	06/24/2021 18:54:19	3	83	274	7	064:47:52.19 N	096:14:02.39 W
Summer	C-GZRN	9604	SCHED	06/24/2021 18:57:38	4	86	293	21	064:52:07.20 N	096:11:01.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9604	SCHED	06/24/2021 19:00:44	5	86	298	19	064:56:33.59 N	096:07:33.00 W
Summer	C-GZRN	9604	SCHED	06/24/2021 19:03:51	6	82	288	21	065:00:39.59 N	096:02:53.39 W
Summer	C-GZRN	9604	XML_FLIGHT_SUMMARY	06/24/2021 19:17:04	0	0	0	0		
Summer	C-GZRN	9605	POWER_ON	06/24/2021 19:17:03	NA	NA	NA	NA		
Summer	C-GZRN	9605	SCHED	06/24/2021 19:17:32	1	0	135	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9605	DEPARTURE	06/24/2021 19:18:51	1	50	216	286	065:01:30.59 N	096:04:45.60 W
Summer	C-GZRN	9605	SCHED	06/24/2021 19:21:58	2	81	329	298	065:03:19.20 N	096:12:52.80 W
Summer	C-GZRN	9605	SCHED	06/24/2021 19:25:10	3	78	264	297	065:05:07.20 N	096:21:18.00 W
Summer	C-GZRN	9605	ARRIVAL	06/24/2021 19:27:37	1	0	146	314	065:05:39.00 N	096:23:30.60 W
Summer	C-GZRN	9605	XML_FLIGHT_SUMMARY	06/24/2021 19:27:38	0	0	0	0		
Summer	C-GZRN	9606	DEPARTURE	06/24/2021 19:29:53	2	62	239	83	065:05:44.40 N	096:22:52.20 W
Summer	C-GZRN	9606	SCHED	06/24/2021 19:35:07	4	0	124	284	065:06:28.19 N	096:14:38.40 W
Summer	C-GZRN	9606	ARRIVAL	06/24/2021 19:36:56	2	0	124	284	065:06:28.19 N	096:14:38.40 W
Summer	C-GZRN	9606	XML_FLIGHT_SUMMARY	06/24/2021 19:36:57	0	0	0	0		
Summer	C-GZRN	9607	DEPARTURE	06/24/2021 19:37:03	3	63	229	240	065:06:18.00 N	096:15:10.80 W
Summer	C-GZRN	9607	SCHED	06/24/2021 19:40:09	5	63	214	204	065:01:28.20 N	096:03:35.40 W
Summer	C-GZRN	9607	ARRIVAL	06/24/2021 19:41:44	3	0	143	301	065:01:25.79 N	096:04:13.20 W
Summer	C-GZRN	9607	XML_FLIGHT_SUMMARY	06/24/2021 19:41:45	0	0	0	0		
Summer	C-GZRN	9608	DEPARTURE	06/24/2021 19:43:51	4	59	233	284	065:01:35.40 N	096:04:44.39 W
Summer	C-GZRN	9608	SCHED	06/24/2021 19:47:03	6	129	447	195	064:55:30.60 N	096:07:00.60 W
Summer	C-GZRN	9608	SCHED	06/24/2021 19:50:13	7	134	364	193	064:48:45.60 N	096:10:43.20 W
Summer	C-GZRN	9608	SCHED	06/24/2021 19:53:18	8	133	355	190	064:42:01.80 N	096:13:48.59 W
Summer	C-GZRN	9608	SCHED	06/24/2021 19:56:25	9	0	104	342	064:39:21.60 N	096:14:53.39 W
Summer	C-GZRN	9608	ARRIVAL	06/24/2021 19:56:34	4	0	104	342	064:39:21.60 N	096:14:53.39 W
Summer	C-GZRN	9608	XML_FLIGHT_SUMMARY	06/24/2021 19:56:35	0	0	0	0		
Summer	C-GZRN	9609	DEPARTURE	06/24/2021 19:57:07	5	49	187	280	064:39:24.60 N	096:15:28.20 W
Summer	C-GZRN	9609	SCHED	06/24/2021 20:00:19	10	49	197	319	064:39:49.79 N	096:18:51.00 W
Summer	C-GZRN	9609	SCHED	06/24/2021 20:03:26	11	56	166	264	064:39:05.40 N	096:17:06.60 W
Summer	C-GZRN	9609	ARRIVAL	06/24/2021 20:05:53	5	0	76	319	064:38:57.00 N	096:17:27.00 W
Summer	C-GZRN	9609	XML_FLIGHT_SUMMARY	06/24/2021 20:05:54	0	0	0	0		
Summer	C-GZRN	9610	DEPARTURE	06/24/2021 20:09:53	6	73	144	130	064:39:03.59 N	096:17:15.00 W
Summer	C-GZRN	9610	ARRIVAL	06/24/2021 20:12:14	6	0	83	342	064:38:50.40 N	096:17:25.20 W
Summer	C-GZRN	9610	DEPARTURE	06/24/2021 20:14:13	7	47	176	345	064:39:04.79 N	096:17:35.40 W
Summer	C-GZRN	9610	SCHED	06/24/2021 20:17:18	12	75	335	17	064:42:38.40 N	096:15:08.99 W
Summer	C-GZRN	9610	SCHED	06/24/2021 20:20:27	13	80	359	14	064:46:27.00 N	096:12:33.60 W
Summer	C-GZRN	9610	SCHED	06/24/2021 20:23:32	14	85	390	13	064:50:22.19 N	096:09:48.59 W
Summer	C-GZRN	9610	SCHED	06/24/2021 20:26:38	15	81	370	15	064:54:32.40 N	096:07:06.00 W
Summer	C-GZRN	9610	SCHED	06/24/2021 20:29:59	16	88	396	17	064:58:41.40 N	096:04:49.19 W
Summer	C-GZRN	9610	SCHED	06/24/2021 20:33:04	17	0	146	256	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9610	ARRIVAL	06/24/2021 20:33:36	7	0	146	256	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9610	XML_FLIGHT_SUMMARY	06/24/2021 20:33:37	0	0	0	0		
Summer	C-GZRN	9611	POWER_ON	06/24/2021 21:26:13	NA	NA	NA	NA		
Summer	C-GZRN	9611	SCHED	06/24/2021 21:26:48	1	0	134	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GZRN	9611	DEPARTURE	06/24/2021 21:28:05	1	43	225	307	065:01:35.40 N	096:04:43.80 W
Summer	C-GZRN	9611	SCHED	06/24/2021 21:31:10	2	78	334	320	065:04:21.00 N	096:10:37.20 W
Summer	C-GZRN	9611	SCHED	06/24/2021 21:34:16	3	0	118	352	065:06:27.59 N	096:14:37.19 W
Summer	C-GZRN	9611	ARRIVAL	06/24/2021 21:34:56	1	0	117	352	065:06:27.59 N	096:14:37.19 W
Summer	C-GZRN	9611	XML_FLIGHT_SUMMARY	06/24/2021 21:34:57	0	0	0	0		
Summer	C-GZRN	9612	DEPARTURE	06/24/2021 21:36:47	2	82	249	197	065:06:21.00 N	096:15:15.00 W
Summer	C-GZRN	9612	SCHED	06/24/2021 21:39:57	4	101	322	120	065:01:57.60 N	096:04:45.60 W
Summer	C-GZRN	9612	ARRIVAL	06/24/2021 21:41:58	2	0	141	279	065:01:25.20 N	096:04:13.20 W
Summer	C-GZRN	9612	XML_FLIGHT_SUMMARY	06/24/2021 21:41:59	0	0	0	0		
Summer	C-GZRN	9613	POWER_ON	06/25/2021 14:08:07	NA	NA	NA	NA		
Summer	C-GZRN	9613	SCHED	06/25/2021 14:08:48	1	0	145	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GZRN	9613	DEPARTURE	06/25/2021 14:11:56	1	46	237	307	065:01:37.19 N	096:04:48.00 W
Summer	C-GZRN	9613	SCHED	06/25/2021 14:15:07	2	87	452	321	065:04:31.19 N	096:10:45.00 W
Summer	C-GZRN	9613	SCHED	06/25/2021 14:18:18	3	29	187	333	065:06:01.20 N	096:16:55.20 W
Summer	C-GZRN	9613	ARRIVAL	06/25/2021 14:19:52	1	0	157	294	065:06:07.20 N	096:17:06.60 W
Summer	C-GZRN	9613	XML_FLIGHT_SUMMARY	06/25/2021 14:19:53	0	0	0	0		
Summer	C-GZRN	9614	DEPARTURE	06/25/2021 14:21:21	2	67	237	76	065:06:19.80 N	096:16:58.80 W
Summer	C-GZRN	9614	SCHED	06/25/2021 14:24:27	4	105	393	129	065:02:17.99 N	096:06:28.80 W
Summer	C-GZRN	9614	ARRIVAL	06/25/2021 14:27:05	2	0	143	276	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9614	XML_FLIGHT_SUMMARY	06/25/2021 14:27:06	0	0	0	0		
Summer	C-GZRN	9615	POWER_ON	06/25/2021 15:08:53	NA	NA	NA	NA		
Summer	C-GZRN	9615	SCHED	06/25/2021 15:10:02	1	0	139	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9615	DEPARTURE	06/25/2021 15:11:11	1	43	233	301	065:01:34.20 N	096:04:37.19 W
Summer	C-GZRN	9615	SCHED	06/25/2021 15:14:17	2	83	317	320	065:04:56.99 N	096:12:09.60 W
Summer	C-GZRN	9615	SCHED	06/25/2021 15:17:27	3	0	151	337	065:06:07.20 N	096:17:06.60 W
Summer	C-GZRN	9615	XML_FLIGHT_SUMMARY	06/25/2021 17:13:48	0	0	0	0		
Summer	C-GZRN	9616	POWER_ON	06/25/2021 17:13:47	NA	NA	NA	NA		
Summer	C-GZRN	9616	SCHED	06/25/2021 17:14:25	1	0	157	0	065:06:07.20 N	096:17:06.60 W
Summer	C-GZRN	9616	POWER_ON	06/25/2021 17:51:37	NA	NA	NA	NA		
Summer	C-GZRN	9616	SCHED	06/25/2021 17:52:17	1	0	0	0	065:06:05.40 N	096:17:36.00 W
Summer	C-GZRN	9616	DEPARTURE	06/25/2021 17:53:42	1	33	263	349	065:06:18.00 N	096:17:52.80 W
Summer	C-GZRN	9616	SCHED	06/25/2021 17:56:53	2	86	378	336	065:10:01.19 N	096:20:42.60 W
Summer	C-GZRN	9616	SCHED	06/25/2021 18:00:02	3	82	365	3	065:14:17.99 N	096:21:59.39 W
Summer	C-GZRN	9616	SCHED	06/25/2021 18:03:12	4	22	198	22	065:16:55.19 N	096:23:32.40 W
Summer	C-GZRN	9616	SCHED	06/25/2021 18:06:23	5	0	148	297	065:16:56.99 N	096:22:55.20 W
Summer	C-GZRN	9616	SCHED	06/25/2021 19:47:39	1	45	216	26	065:17:04.79 N	096:23:01.20 W
Summer	C-GZRN	9616	DEPARTURE	06/25/2021 19:47:48	1	78	249	117	065:17:06.60 N	096:22:36.00 W
Summer	C-GZRN	9616	SCHED	06/25/2021 19:50:54	2	0	169	323	065:16:14.99 N	096:24:07.80 W
Summer	C-GZRN	9616	ARRIVAL	06/25/2021 19:51:59	1	0	169	321	065:16:14.99 N	096:24:07.80 W
Summer	C-GZRN	9616	XML_FLIGHT_SUMMARY	06/25/2021 19:52:00	0	0	0	0		
Summer	C-GZRN	9617	POWER_ON	06/25/2021 20:55:07	NA	NA	NA	NA		
Summer	C-GZRN	9617	SCHED	06/25/2021 20:55:44	1	0	170	0	065:16:14.99 N	096:24:07.80 W
Summer	C-GZRN	9617	DEPARTURE	06/25/2021 20:56:36	1	76	256	108	065:16:23.99 N	096:23:32.40 W
Summer	C-GZRN	9617	SCHED	06/25/2021 20:59:44	2	0	130	322	065:14:26.99 N	096:22:38.40 W
Summer	C-GZRN	9617	POWER_ON	06/25/2021 21:42:48	NA	NA	NA	NA		
Summer	C-GZRN	9617	SCHED	06/25/2021 21:43:24	1	0	136	0	065:14:26.99 N	096:22:38.99 W
Summer	C-GZRN	9617	DEPARTURE	06/25/2021 21:44:25	1	54	223	76	065:14:38.39 N	096:22:16.80 W
Summer	C-GZRN	9617	SCHED	06/25/2021 21:47:31	2	130	445	151	065:09:22.19 N	096:15:02.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9617	SCHED	06/25/2021 21:50:37	3	133	434	148	065:03:34.80 N	096:07:03.59 W
Summer	C-GZRN	9617	SCHED	06/25/2021 21:53:46	4	0	146	10	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9617	XML_FLIGHT_SUMMARY	06/25/2021 23:04:37	0	0	0	0		
Summer	C-GZRN	9618	POWER_ON	06/25/2021 23:04:36	NA	NA	NA	NA		
Summer	C-GZRN	9618	SCHED	06/25/2021 23:05:11	1	0	140	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9618	DEPARTURE	06/25/2021 23:05:54	1	84	243	192	065:01:21.60 N	096:04:51.60 W
Summer	C-GZRN	9618	SCHED	06/25/2021 23:09:05	2	131	453	193	064:55:12.00 N	096:07:22.19 W
Summer	C-GZRN	9618	SCHED	06/25/2021 23:12:12	3	134	388	189	064:48:15.59 N	096:10:37.20 W
Summer	C-GZRN	9618	SCHED	06/25/2021 23:15:18	4	126	259	191	064:41:32.40 N	096:13:48.00 W
Summer	C-GZRN	9618	ARRIVAL	06/25/2021 23:18:02	1	0	93	40	064:39:21.60 N	096:14:54.60 W
Summer	C-GZRN	9618	XML_FLIGHT_SUMMARY	06/25/2021 23:18:03	0	0	0	0		
Summer	C-GZRN	9618	SCHED	06/25/2021 23:23:10	5	0	94	40	064:39:21.60 N	096:14:54.60 W
Summer	C-GZRN	9619	DEPARTURE	06/25/2021 23:26:11	2	48	194	8	064:39:35.99 N	096:14:48.59 W
Summer	C-GZRN	9619	SCHED	06/25/2021 23:29:17	6	96	337	12	064:43:49.20 N	096:12:46.79 W
Summer	C-GZRN	9619	SCHED	06/25/2021 23:32:23	7	91	346	11	064:48:18.59 N	096:10:34.79 W
Summer	C-GZRN	9619	SCHED	06/25/2021 23:35:33	8	91	316	15	064:52:55.20 N	096:08:11.99 W
Summer	C-GZRN	9619	SCHED	06/25/2021 23:38:38	9	89	381	12	064:57:36.60 N	096:05:36.60 W
Summer	C-GZRN	9619	SCHED	06/25/2021 23:41:44	10	32	165	296	065:01:24.59 N	096:03:56.40 W
Summer	C-GZRN	9619	ARRIVAL	06/25/2021 23:43:06	2	0	143	273	065:01:24.59 N	096:04:13.79 W
Summer	C-GZRN	9619	XML_FLIGHT_SUMMARY	06/25/2021 23:43:07	0	0	0	0		
Summer	C-GZRN	9620	POWER_ON	06/26/2021 11:17:23	NA	NA	NA	NA		
Summer	C-GZRN	9620	SCHED	06/26/2021 11:17:54	1	0	0	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GZRN	9620	POWER_ON	06/26/2021 11:28:08	NA	NA	NA	NA		
Summer	C-GZRN	9620	SCHED	06/26/2021 11:28:40	1	0	135	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9620	POWER_ON	06/26/2021 12:22:55	NA	NA	NA	NA		
Summer	C-GZRN	9620	SCHED	06/26/2021 12:23:21	1	0	129	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GZRN	9620	POWER_ON	06/26/2021 12:40:38	NA	NA	NA	NA		
Summer	C-GZRN	9620	SCHED	06/26/2021 12:41:12	1	0	130	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GZRN	9620	DEPARTURE	06/26/2021 12:43:04	1	53	229	79	065:01:22.20 N	096:03:36.00 W
Summer	C-GZRN	9620	SCHED	06/26/2021 12:46:10	2	112	686	317	065:04:43.19 N	096:11:41.99 W
Summer	C-GZRN	9620	SCHED	06/26/2021 12:49:23	3	112	716	319	065:09:07.19 N	096:20:31.80 W
Summer	C-GZRN	9620	SCHED	06/26/2021 12:52:29	4	113	745	313	065:13:41.40 N	096:29:52.80 W
Summer	C-GZRN	9620	SCHED	06/26/2021 12:55:39	5	112	756	311	065:17:31.19 N	096:40:18.60 W
Summer	C-GZRN	9620	SCHED	06/26/2021 12:58:49	6	113	780	306	065:21:08.39 N	096:51:42.60 W
Summer	C-GZRN	9620	SCHED	06/26/2021 13:01:55	7	111	767	309	065:24:43.80 N	097:02:55.20 W
Summer	C-GZRN	9620	SCHED	06/26/2021 13:05:01	8	109	454	326	065:28:32.39 N	097:12:40.20 W
Summer	C-GZRN	9620	SCHED	06/26/2021 13:08:19	9	0	167	6	065:30:07.19 N	097:13:49.79 W
Summer	C-GZRN	9620	ARRIVAL	06/26/2021 13:08:28	1	0	168	6	065:30:07.19 N	097:13:49.79 W
Summer	C-GZRN	9620	XML_FLIGHT_SUMMARY	06/26/2021 13:08:29	0	0	0	0		
Summer	C-GZRN	9621	POWER_ON	06/26/2021 14:13:19	NA	NA	NA	NA		
Summer	C-GZRN	9621	SCHED	06/26/2021 14:13:59	1	0	173	0	065:30:07.19 N	097:13:49.79 W
Summer	C-GZRN	9621	DEPARTURE	06/26/2021 14:14:49	1	33	200	173	065:29:52.80 N	097:14:00.00 W
Summer	C-GZRN	9621	ARRIVAL	06/26/2021 14:16:44	1	0	176	35	065:29:50.39 N	097:13:51.59 W
Summer	C-GZRN	9621	POWER_ON	06/26/2021 15:57:53	NA	NA	NA	NA		
Summer	C-GZRN	9621	SCHED	06/26/2021 15:58:29	1	4	168	176	065:29:50.39 N	097:13:52.80 W
Summer	C-GZRN	9621	DEPARTURE	06/26/2021 15:59:23	1	45	250	75	065:29:54.00 N	097:13:13.19 W
Summer	C-GZRN	9621	SCHED	06/26/2021 16:02:33	2	80	243	123	065:29:58.80 N	097:02:14.39 W
Summer	C-GZRN	9621	XML_FLIGHT_SUMMARY	06/26/2021 18:21:39	0	0	0	0		
Summer	C-GZRN	9622	POWER_ON	06/26/2021 18:21:38	NA	NA	NA	NA		
Summer	C-GZRN	9622	SCHED	06/26/2021 18:22:04	1	0	158	0	065:29:48.00 N	097:02:10.80 W
Summer	C-GZRN	9622	DEPARTURE	06/26/2021 18:22:53	1	43	223	354	065:30:03.00 N	097:02:20.40 W
Summer	C-GZRN	9622	POWER_ON	06/26/2021 20:52:09	NA	NA	NA	NA		
Summer	C-GZRN	9622	SCHED	06/26/2021 20:52:44	1	0	177	0	065:30:15.60 N	097:02:24.00 W
Summer	C-GZRN	9622	DEPARTURE	06/26/2021 20:53:41	1	47	220	57	065:30:23.40 N	097:01:53.39 W
Summer	C-GZRN	9622	ARRIVAL	06/26/2021 20:55:59	1	0	169	305	065:30:17.40 N	097:00:49.19 W
Summer	C-GZRN	9622	POWER_ON	06/26/2021 21:38:15	NA	NA	NA	NA		
Summer	C-GZRN	9622	SCHED	06/26/2021 21:38:57	1	0	163	0	065:30:17.40 N	097:00:49.19 W
Summer	C-GZRN	9622	DEPARTURE	06/26/2021 21:39:30	1	59	210	109	065:30:13.80 N	097:00:07.19 W
Summer	C-GZRN	9622	SCHED	06/26/2021 21:42:40	2	71	535	161	065:29:36.00 N	096:58:08.39 W
Summer	C-GZRN	9622	SCHED	06/26/2021 21:45:46	3	114	917	141	065:25:30.60 N	096:50:45.60 W
Summer	C-GZRN	9622	SCHED	06/26/2021 21:48:52	4	119	952	143	065:20:55.79 N	096:41:55.20 W
Summer	C-GZRN	9622	SCHED	06/26/2021 21:51:58	5	115	880	141	065:16:19.20 N	096:32:55.20 W
Summer	C-GZRN	9622	SCHED	06/26/2021 21:55:04	6	119	824	143	065:11:34.79 N	096:24:22.80 W
Summer	C-GZRN	9622	SCHED	06/26/2021 21:58:13	7	119	708	143	065:06:49.79 N	096:15:42.60 W
Summer	C-GZRN	9622	SCHED	06/26/2021 22:01:23	8	88	325	129	065:02:05.99 N	096:06:43.19 W
Summer	C-GZRN	9622	XML_FLIGHT_SUMMARY	06/27/2021 11:41:09	0	0	0	0		
Summer	C-GZRN	9623	POWER_ON	06/27/2021 11:41:08	NA	NA	NA	NA		
Summer	C-GZRN	9623	SCHED	06/27/2021 11:41:44	1	0	175	0	065:01:27.60 N	096:04:19.79 W
Summer	C-GZRN	9623	POWER_ON	06/27/2021 12:29:29	NA	NA	NA	NA		
Summer	C-GZRN	9623	SCHED	06/27/2021 12:30:03	1	0	0	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9623	DEPARTURE	06/27/2021 12:32:00	1	64	216	301	065:01:36.59 N	096:04:41.39 W
Summer	C-GZRN	9623	SCHED	06/27/2021 12:35:09	2	110	582	205	064:57:00.59 N	096:07:33.00 W
Summer	C-GZRN	9623	SCHED	06/27/2021 12:38:22	3	116	600	198	064:51:22.80 N	096:11:25.80 W
Summer	C-GZRN	9623	SCHED	06/27/2021 12:41:30	4	113	590	197	064:45:35.40 N	096:15:23.99 W
Summer	C-GZRN	9623	SCHED	06/27/2021 12:44:42	5	104	482	186	064:39:59.39 N	096:17:56.40 W
Summer	C-GZRN	9623	SCHED	06/27/2021 12:47:47	6	0	109	135	064:37:34.19 N	096:17:57.60 W
Summer	C-GZRN	9623	ARRIVAL	06/27/2021 12:48:35	1	0	108	135	064:37:34.19 N	096:17:57.60 W
Summer	C-GZRN	9623	XML_FLIGHT_SUMMARY	06/27/2021 12:48:36	0	0	0	0		
Summer	C-GZRN	9624	POWER_ON	06/27/2021 14:00:31	NA	NA	NA	NA		
Summer	C-GZRN	9624	SCHED	06/27/2021 14:01:08	1	0	121	0	064:37:34.79 N	096:17:57.60 W
Summer	C-GZRN	9624	DEPARTURE	06/27/2021 14:02:09	1	60	218	355	064:37:49.79 N	096:17:48.00 W
Summer	C-GZRN	9624	POWER_ON	06/27/2021 15:50:46	NA	NA	NA	NA		
Summer	C-GZRN	9624	SCHED	06/27/2021 15:51:20	1	0	0	0	064:38:51.60 N	096:17:03.00 W
Summer	C-GZRN	9624	POWER_ON	06/27/2021 16:57:03	NA	NA	NA	NA		
Summer	C-GZRN	9624	SCHED	06/27/2021 16:57:43	1	0	89	0	064:38:54.59 N	096:16:30.60 W
Summer	C-GZRN	9624	DEPARTURE	06/27/2021 16:58:24	1	66	181	308	064:39:11.39 N	096:16:37.19 W
Summer	C-GZRN	9624	SCHED	06/27/2021 17:01:36	2	64	224	68	064:36:39.60 N	096:23:50.99 W
Summer	C-GZRN	9624	XML_FLIGHT_SUMMARY	06/27/2021 19:46:12	0	0	0	0		
Summer	C-GZRN	9625	POWER_ON	06/27/2021 19:46:11	NA	NA	NA	NA		
Summer	C-GZRN	9625	SCHED	06/27/2021 19:46:46	1	0	107	0	064:36:34.19 N	096:23:49.20 W
Summer	C-GZRN	9625	DEPARTURE	06/27/2021 19:47:37	1	30	151	10	064:36:46.19 N	096:23:33.60 W
Summer	C-GZRN	9625	ARRIVAL	06/27/2021 19:48:47	1	0	115	307	064:36:50.99 N	096:23:35.40 W
Summer	C-GZRN	9625	POWER_ON	06/27/2021 21:13:27	NA	NA	NA	NA		
Summer	C-GZRN	9625	POWER_ON	06/27/2021 21:14:24	NA	NA	NA	NA		
Summer	C-GZRN	9625	SCHED	06/27/2021 21:15:13	1	74	361	21	064:37:45.00 N	096:23:06.59 W
Summer	C-GZRN	9625	DEPARTURE	06/27/2021 21:15:24	1	52	189	359	064:37:06.59 N	096:23:40.20 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9625	SCHED	06/27/2021 21:18:29	2	105	474	19	064:43:09.60 N	096:18:46.79 W
Summer	C-GZRN	9625	SCHED	06/27/2021 21:21:36	3	101	450	19	064:48:01.79 N	096:14:48.59 W
Summer	C-GZRN	9625	SCHED	06/27/2021 21:24:49	4	101	445	19	064:52:53.40 N	096:10:52.79 W
Summer	C-GZRN	9625	SCHED	06/27/2021 21:27:58	5	99	419	19	064:57:55.20 N	096:06:53.40 W
Summer	C-GZRN	9625	SCHED	06/27/2021 21:31:04	6	1	143	37	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9625	ARRIVAL	06/27/2021 21:32:02	1	0	141	37	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9625	XML_FLIGHT_SUMMARY	06/27/2021 21:32:03	0	0	0	0		
Summer	C-GZRN	9626	POWER_ON	06/27/2021 22:11:44	NA	NA	NA	NA		
Summer	C-GZRN	9626	SCHED	06/27/2021 22:12:20	1	0	141	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GZRN	9626	POWER_ON	06/27/2021 22:28:35	NA	NA	NA	NA		
Summer	C-GZRN	9626	SCHED	06/27/2021 22:29:11	1	0	141	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:34:21	2	30	228	308	065:01:30.00 N	096:04:19.79 W
Summer	C-GZRN	9626	DEPARTURE	06/27/2021 22:34:38	1	52	294	302	065:01:36.59 N	096:04:45.00 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:37:44	3	66	364	318	065:04:27.00 N	096:09:09.59 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:41:01	4	75	355	327	065:07:41.99 N	096:14:01.19 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:44:06	5	76	382	326	065:11:04.20 N	096:19:17.39 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:47:12	6	80	386	328	065:14:21.60 N	096:24:34.79 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:50:20	7	75	438	326	065:17:37.80 N	096:29:47.39 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:53:26	8	73	383	328	065:20:46.80 N	096:35:05.99 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:56:33	9	44	296	321	065:23:32.99 N	096:39:58.79 W
Summer	C-GZRN	9626	SCHED	06/27/2021 22:59:42	10	0	162	138	065:23:54.59 N	096:40:28.19 W
Summer	C-GZRN	9626	ARRIVAL	06/27/2021 23:00:20	1	0	161	138	065:23:54.59 N	096:40:28.19 W
Summer	C-GZRN	9626	XML_FLIGHT_SUMMARY	06/27/2021 23:00:21	0	0	0	0		
Summer	C-GZRN	9627	DEPARTURE	06/27/2021 23:04:11	2	63	309	124	065:23:52.79 N	096:39:37.19 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:07:16	11	88	437	169	065:19:31.19 N	096:37:38.40 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:10:22	12	95	434	166	065:14:55.80 N	096:35:28.80 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:13:32	13	88	454	168	065:10:18.00 N	096:32:49.19 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:16:41	14	94	455	167	065:05:34.80 N	096:30:03.60 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:19:47	15	92	440	166	065:00:56.39 N	096:27:34.20 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:22:54	16	97	436	166	064:56:10.20 N	096:24:50.40 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:26:02	17	89	396	167	064:51:28.19 N	096:22:01.79 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:29:07	18	92	360	165	064:47:00.60 N	096:19:16.79 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:32:47	19	87	333	168	064:41:43.20 N	096:16:25.20 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:35:52	20	15	174	359	064:39:19.80 N	096:14:53.99 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:39:00	21	2	137	52	064:39:22.19 N	096:14:52.80 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:42:06	22	1	130	277	064:39:22.19 N	096:14:53.39 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:45:12	23	82	350	11	064:41:32.99 N	096:14:10.20 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:48:22	24	78	392	15	064:45:32.39 N	096:12:15.60 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:51:35	25	79	346	11	064:49:34.80 N	096:10:19.19 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:54:42	26	82	412	13	064:53:49.20 N	096:08:02.39 W
Summer	C-GZRN	9627	SCHED	06/27/2021 23:57:49	27	80	467	14	064:57:57.59 N	096:05:45.60 W
Summer	C-GZRN	9627	SCHED	06/28/2021 00:00:57	28	16	284	21	065:01:17.99 N	096:04:32.39 W
Summer	C-GZRN	9627	SCHED	06/28/2021 00:04:05	29	2	197	53	065:01:26.40 N	096:04:15.00 W
Summer	C-GZRN	9627	XML_FLIGHT_SUMMARY	06/28/2021 11:46:50	0	0	0	0		
Summer	C-GZRN	9628	POWER_ON	06/28/2021 11:46:49	NA	NA	NA	NA		
Summer	C-GZRN	9628	SCHED	06/28/2021 11:47:15	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9628	POWER_ON	06/28/2021 12:24:18	NA	NA	NA	NA		
Summer	C-GZRN	9628	SCHED	06/28/2021 12:24:59	1	0	142	0	065:01:24.59 N	096:04:15.00 W
Summer	C-GZRN	9628	DEPARTURE	06/28/2021 12:26:45	1	52	247	281	065:01:34.79 N	096:04:40.20 W
Summer	C-GZRN	9628	SCHED	06/28/2021 12:29:50	2	118	649	193	064:56:55.80 N	096:07:00.60 W
Summer	C-GZRN	9628	SCHED	06/28/2021 12:32:56	3	120	756	193	064:51:04.20 N	096:10:32.39 W
Summer	C-GZRN	9628	SCHED	06/28/2021 12:36:05	4	122	752	185	064:45:06.60 N	096:14:03.00 W
Summer	C-GZRN	9628	SCHED	06/28/2021 12:39:14	5	125	730	181	064:38:38.40 N	096:14:08.39 W
Summer	C-GZRN	9628	SCHED	06/28/2021 12:42:20	6	124	635	154	064:32:16.79 N	096:10:35.40 W
Summer	C-GZRN	9628	SCHED	06/28/2021 12:45:27	7	11	107	300	064:30:08.40 N	096:07:27.60 W
Summer	C-GZRN	9628	ARRIVAL	06/28/2021 12:46:44	1	0	97	339	064:30:10.19 N	096:07:30.00 W
Summer	C-GZRN	9628	XML_FLIGHT_SUMMARY	06/28/2021 12:46:45	0	0	0	0		
Summer	C-GZRN	9629	POWER_ON	06/28/2021 13:55:09	NA	NA	NA	NA		
Summer	C-GZRN	9629	SCHED	06/28/2021 13:55:48	1	2	113	338	064:30:10.19 N	096:07:30.00 W
Summer	C-GZRN	9629	DEPARTURE	06/28/2021 13:56:14	1	53	232	329	064:30:24.59 N	096:07:53.40 W
Summer	C-GZRN	9629	SCHED	06/28/2021 13:59:21	2	47	203	243	064:33:39.60 N	096:11:46.20 W
Summer	C-GZRN	9629	ARRIVAL	06/28/2021 14:01:11	1	0	130	228	064:33:42.60 N	096:12:22.19 W
Summer	C-GZRN	9629	XML_FLIGHT_SUMMARY	06/28/2021 14:01:12	0	0	0	0		
Summer	C-GZRN	9630	POWER_ON	06/28/2021 14:54:20	NA	NA	NA	NA		
Summer	C-GZRN	9630	SCHED	06/28/2021 14:55:19	1	13	138	284	064:34:12.60 N	096:14:30.00 W
Summer	C-GZRN	9630	DEPARTURE	06/28/2021 14:55:27	1	54	219	142	064:34:22.79 N	096:14:08.99 W
Summer	C-GZRN	9630	POWER_ON	06/28/2021 15:53:51	NA	NA	NA	NA		
Summer	C-GZRN	9630	SCHED	06/28/2021 15:54:30	1	0	125	0	064:34:13.20 N	096:14:34.79 W
Summer	C-GZRN	9630	DEPARTURE	06/28/2021 15:55:13	1	53	258	3	064:34:29.39 N	096:14:36.00 W
Summer	C-GZRN	9630	SCHED	06/28/2021 15:58:22	2	111	641	357	064:39:27.60 N	096:14:46.80 W
Summer	C-GZRN	9630	SCHED	06/28/2021 16:01:31	3	111	672	357	064:45:13.19 N	096:15:22.20 W
Summer	C-GZRN	9630	SCHED	06/28/2021 16:04:37	4	112	648	359	064:51:05.40 N	096:15:33.00 W
Summer	C-GZRN	9630	SCHED	06/28/2021 16:07:44	5	95	648	8	064:56:48.59 N	096:14:20.99 W
Summer	C-GZRN	9630	SCHED	06/28/2021 16:10:53	6	0	202	333	064:58:13.80 N	096:13:08.99 W
Summer	C-GZRN	9630	ARRIVAL	06/28/2021 16:11:01	1	0	202	333	064:58:13.80 N	096:13:08.99 W
Summer	C-GZRN	9630	XML_FLIGHT_SUMMARY	06/28/2021 16:11:02	0	0	0	0		
Summer	C-GZRN	9631	POWER_ON	06/28/2021 16:55:06	NA	NA	NA	NA		
Summer	C-GZRN	9631	SCHED	06/28/2021 16:55:42	1	0	189	0	064:58:13.19 N	096:13:08.99 W
Summer	C-GZRN	9631	DEPARTURE	06/28/2021 16:56:42	1	61	317	358	064:58:30.60 N	096:13:16.79 W
Summer	C-GZRN	9631	SCHED	06/28/2021 16:59:52	2	0	176	315	065:00:11.40 N	096:13:30.00 W
Summer	C-GZRN	9631	ARRIVAL	06/28/2021 17:00:00	1	0	176	315	065:00:11.40 N	096:13:30.00 W
Summer	C-GZRN	9631	POWER_ON	06/28/2021 17:30:35	NA	NA	NA	NA		
Summer	C-GZRN	9631	SCHED	06/28/2021 17:31:05	1	0	179	0	065:00:11.40 N	096:13:30.00 W
Summer	C-GZRN	9631	DEPARTURE	06/28/2021 17:31:49	1	60	237	55	065:00:24.59 N	096:13:12.60 W
Summer	C-GZRN	9631	SCHED	06/28/2021 17:34:54	2	6	165	22	065:02:34.80 N	096:09:30.60 W
Summer	C-GZRN	9631	ARRIVAL	06/28/2021 17:35:59	1	0	151	275	065:02:35.39 N	096:09:32.39 W
Summer	C-GZRN	9631	XML_FLIGHT_SUMMARY	06/28/2021 17:36:00	0	0	0	0		
Summer	C-GZRN	9632	POWER_ON	06/28/2021 18:04:30	NA	NA	NA	NA		
Summer	C-GZRN	9632	SCHED	06/28/2021 18:05:06	1	0	150	0	065:02:35.39 N	096:09:33.00 W
Summer	C-GZRN	9632	DEPARTURE	06/28/2021 18:06:25	1	52	255	314	065:02:47.39 N	096:09:58.20 W
Summer	C-GZRN	9632	SCHED	06/28/2021 18:09:32	2	43	211	328	065:06:16.79 N	096:16:53.39 W
Summer	C-GZRN	9632	XML_FLIGHT_SUMMARY	06/28/2021 20:01:11	0	0	0	0		
Summer	C-GZRN	9633	POWER_ON	06/28/2021 20:01:10	NA	NA	NA	NA		
Summer	C-GZRN	9633	SCHED	06/28/2021 20:01:44	1	0	156	0	065:06:25.80 N	096:16:56.99 W
Summer	C-GZRN	9633	DEPARTURE	06/28/2021 20:02:36	1	33	170	188	065:06:15.59 N	096:16:26.40 W
Summer	C-GZRN	9633	ARRIVAL	06/28/2021 20:03:37	1	0	145	205	065:06:13.20 N	096:16:35.40 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9633	DEPARTURE	06/28/2021 20:04:58	2	68	221	135	065:05:58.80 N	096:16:19.20 W
Summer	C-GZRN	9633	SCHED	06/28/2021 20:08:07	2	103	422	128	065:02:32.39 N	096:06:46.79 W
Summer	C-GZRN	9633	XML_FLIGHT_SUMMARY	06/28/2021 20:28:08	0	0	0	0		
Summer	C-GZRN	9634	POWER_ON	06/28/2021 20:28:07	NA	NA	NA	NA		
Summer	C-GZRN	9634	SCHED	06/28/2021 20:28:41	1	0	146	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9634	DEPARTURE	06/28/2021 20:29:24	1	61	230	300	065:01:36.59 N	096:04:46.19 W
Summer	C-GZRN	9634	SCHED	06/28/2021 20:32:31	2	106	362	301	065:04:02.99 N	096:15:02.39 W
Summer	C-GZRN	9634	SCHED	06/28/2021 20:35:41	3	66	190	317	065:05:49.19 N	096:21:24.00 W
Summer	C-GZRN	9634	ARRIVAL	06/28/2021 20:37:09	1	0	158	349	065:06:02.99 N	096:21:55.20 W
Summer	C-GZRN	9634	XML_FLIGHT_SUMMARY	06/28/2021 20:37:10	0	0	0	0		
Summer	C-GZRN	9635	DEPARTURE	06/28/2021 20:38:57	2	60	189	121	065:05:56.99 N	096:21:15.60 W
Summer	C-GZRN	9635	ARRIVAL	06/28/2021 20:40:21	2	0	139	41	065:06:04.20 N	096:20:51.60 W
Summer	C-GZRN	9635	DEPARTURE	06/28/2021 20:41:47	3	71	202	134	065:06:02.99 N	096:20:05.40 W
Summer	C-GZRN	9635	SCHED	06/28/2021 20:44:54	4	47	189	322	065:05:27.59 N	096:22:26.99 W
Summer	C-GZRN	9635	ARRIVAL	06/28/2021 20:46:56	3	0	144	317	065:05:49.19 N	096:23:21.60 W
Summer	C-GZRN	9635	DEPARTURE	06/28/2021 20:48:52	4	48	180	227	065:05:36.60 N	096:23:47.39 W
Summer	C-GZRN	9635	ARRIVAL	06/28/2021 20:50:21	4	0	141	325	065:05:31.80 N	096:24:18.60 W
Summer	C-GZRN	9635	DEPARTURE	06/28/2021 20:51:18	5	68	222	231	065:05:35.39 N	096:24:55.20 W
Summer	C-GZRN	9635	SCHED	06/28/2021 20:54:24	5	122	418	114	065:03:36.00 N	096:13:13.19 W
Summer	C-GZRN	9635	SCHED	06/28/2021 20:57:29	6	2	142	209	065:01:23.99 N	096:04:13.79 W
Summer	C-GZRN	9635	ARRIVAL	06/28/2021 20:58:20	5	0	141	209	065:01:23.99 N	096:04:14.39 W
Summer	C-GZRN	9635	XML_FLIGHT_SUMMARY	06/28/2021 20:58:21	0	0	0	0		
Summer	C-GZRN	9636	POWER_ON	06/28/2021 22:45:07	NA	NA	NA	NA		
Summer	C-GZRN	9636	SCHED	06/28/2021 22:45:47	1	0	144	0	065:01:26.40 N	096:04:17.39 W
Summer	C-GZRN	9636	DEPARTURE	06/28/2021 22:46:30	1	68	228	236	065:01:31.19 N	096:04:48.60 W
Summer	C-GZRN	9636	SCHED	06/28/2021 22:49:36	2	114	600	192	064:56:25.19 N	096:07:01.20 W
Summer	C-GZRN	9636	SCHED	06/28/2021 22:52:47	3	119	611	193	064:50:33.00 N	096:10:12.59 W
Summer	C-GZRN	9636	SCHED	06/28/2021 22:55:53	4	118	519	189	064:44:23.40 N	096:12:54.59 W
Summer	C-GZRN	9636	SCHED	06/28/2021 22:58:59	5	64	224	198	064:39:10.20 N	096:14:26.40 W
Summer	C-GZRN	9636	ARRIVAL	06/28/2021 23:01:37	1	0	76	99	064:39:06.00 N	096:16:55.20 W
Summer	C-GZRN	9636	XML_FLIGHT_SUMMARY	06/28/2021 23:01:38	0	0	0	0		
Summer	C-GZRN	9636	SCHED	06/28/2021 23:06:46	6	0	77	99	064:39:06.00 N	096:16:55.20 W
Summer	C-GZRN	9637	DEPARTURE	06/28/2021 23:09:09	2	64	185	115	064:39:01.19 N	096:16:19.20 W
Summer	C-GZRN	9637	SCHED	06/28/2021 23:12:17	7	115	437	11	064:43:28.80 N	096:12:45.60 W
Summer	C-GZRN	9637	SCHED	06/28/2021 23:15:22	8	109	456	11	064:49:00.60 N	096:10:21.00 W
Summer	C-GZRN	9637	SCHED	06/28/2021 23:18:28	9	109	443	13	064:54:34.79 N	096:08:09.59 W
Summer	C-GZRN	9637	SCHED	06/28/2021 23:21:34	10	104	400	33	064:59:54.60 N	096:04:42.60 W
Summer	C-GZRN	9637	ARRIVAL	06/28/2021 23:24:23	2	0	145	259	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9637	XML_FLIGHT_SUMMARY	06/28/2021 23:24:24	0	0	0	0		
Summer	C-GZRN	9638	POWER_ON	06/28/2021 23:46:01	NA	NA	NA	NA		
Summer	C-GZRN	9638	SCHED	06/28/2021 23:46:38	1	0	147	0	065:01:24.59 N	096:04:13.79 W
Summer	C-GZRN	9638	POWER_ON	06/29/2021 12:33:01	NA	NA	NA	NA		
Summer	C-GZRN	9638	SCHED	06/29/2021 12:33:37	1	0	137	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9638	DEPARTURE	06/29/2021 12:35:14	1	66	215	300	065:01:37.80 N	096:04:49.79 W
Summer	C-GZRN	9638	SCHED	06/29/2021 12:38:22	2	109	465	298	065:04:00.60 N	096:15:10.20 W
Summer	C-GZRN	9638	SCHED	06/29/2021 12:41:32	3	76	290	287	065:05:48.60 N	096:21:32.39 W
Summer	C-GZRN	9638	ARRIVAL	06/29/2021 12:44:02	1	0	152	89	065:06:02.39 N	096:21:54.59 W
Summer	C-GZRN	9638	XML_FLIGHT_SUMMARY	06/29/2021 12:44:03	0	0	0	0		
Summer	C-GZRN	9639	POWER_ON	06/29/2021 17:57:27	NA	NA	NA	NA		
Summer	C-GZRN	9639	SCHED	06/29/2021 17:58:02	1	0	0	0	065:06:02.39 N	096:21:54.59 W
Summer	C-GZRN	9639	DEPARTURE	06/29/2021 17:59:12	1	67	212	43	065:06:14.39 N	096:22:03.59 W
Summer	C-GZRN	9639	POWER_ON	06/29/2021 19:45:49	NA	NA	NA	NA		
Summer	C-GZRN	9639	SCHED	06/29/2021 19:46:29	1	0	0	0	065:06:10.20 N	096:20:48.60 W
Summer	C-GZRN	9639	DEPARTURE	06/29/2021 19:47:05	1	66	232	18	065:06:21.59 N	096:21:12.00 W
Summer	C-GZRN	9639	ARRIVAL	06/29/2021 19:49:32	1	0	151	255	065:06:07.20 N	096:20:02.39 W
Summer	C-GZRN	9639	POWER_ON	06/29/2021 20:27:00	NA	NA	NA	NA		
Summer	C-GZRN	9639	SCHED	06/29/2021 20:27:29	1	0	152	0	065:06:07.20 N	096:20:02.39 W
Summer	C-GZRN	9639	DEPARTURE	06/29/2021 20:28:12	1	72	255	333	065:06:14.39 N	096:20:43.19 W
Summer	C-GZRN	9639	SCHED	06/29/2021 20:31:17	2	115	429	129	065:03:38.39 N	096:10:38.99 W
Summer	C-GZRN	9639	SCHED	06/29/2021 20:34:24	3	0	136	216	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9639	ARRIVAL	06/29/2021 20:34:57	1	0	131	216	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9639	XML_FLIGHT_SUMMARY	06/29/2021 20:34:58	0	0	0	0		
Summer	C-GZRN	9640	POWER_ON	06/29/2021 20:35:32	NA	NA	NA	NA		
Summer	C-GZRN	9640	SCHED	06/29/2021 20:36:07	1	0	142	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9640	POWER_ON	06/29/2021 22:50:47	NA	NA	NA	NA		
Summer	C-GZRN	9640	SCHED	06/29/2021 22:51:22	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9640	DEPARTURE	06/29/2021 22:52:15	1	59	261	189	065:01:14.40 N	096:04:40.20 W
Summer	C-GZRN	9640	SCHED	06/29/2021 22:55:24	2	106	623	191	064:56:38.40 N	096:06:15.00 W
Summer	C-GZRN	9640	SCHED	06/29/2021 22:58:32	3	111	643	190	064:51:12.00 N	096:08:58.20 W
Summer	C-GZRN	9640	SCHED	06/29/2021 23:01:38	4	107	592	195	064:45:48.59 N	096:11:48.00 W
Summer	C-GZRN	9640	SCHED	06/29/2021 23:04:44	5	87	431	203	064:40:46.79 N	096:15:11.99 W
Summer	C-GZRN	9640	ARRIVAL	06/29/2021 23:07:45	1	0	74	222	064:39:07.80 N	096:16:56.39 W
Summer	C-GZRN	9640	XML_FLIGHT_SUMMARY	06/29/2021 23:07:46	0	0	0	0		
Summer	C-GZRN	9640	SCHED	06/29/2021 23:12:59	6	0	74	222	064:39:07.80 N	096:16:56.39 W
Summer	C-GZRN	9641	DEPARTURE	06/29/2021 23:16:55	2	57	188	168	064:38:52.20 N	096:17:09.59 W
Summer	C-GZRN	9641	SCHED	06/29/2021 23:20:01	7	122	612	14	064:43:44.39 N	096:13:50.40 W
Summer	C-GZRN	9641	SCHED	06/29/2021 23:23:07	8	124	584	12	064:49:47.40 N	096:10:34.79 W
Summer	C-GZRN	9641	SCHED	06/29/2021 23:26:13	9	117	591	15	064:55:43.20 N	096:07:26.99 W
Summer	C-GZRN	9641	SCHED	06/29/2021 23:29:24	10	77	291	354	065:01:07.80 N	096:02:57.60 W
Summer	C-GZRN	9641	ARRIVAL	06/29/2021 23:31:16	2	0	142	250	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9641	XML_FLIGHT_SUMMARY	06/29/2021 23:31:17	0	0	0	0		
Summer	C-GZRN	9642	POWER_ON	06/30/2021 00:04:11	NA	NA	NA	NA		
Summer	C-GZRN	9642	SCHED	06/30/2021 00:04:41	1	0	149	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9642	POWER_ON	06/30/2021 14:10:15	NA	NA	NA	NA		
Summer	C-GZRN	9642	SCHED	06/30/2021 14:10:50	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9642	DEPARTURE	06/30/2021 14:13:07	1	63	257	299	065:01:31.79 N	096:04:57.60 W
Summer	C-GZRN	9642	SCHED	06/30/2021 14:16:13	2	105	456	302	065:04:05.99 N	096:15:17.99 W
Summer	C-GZRN	9642	SCHED	06/30/2021 14:19:22	3	56	324	226	065:05:57.60 N	096:21:16.20 W
Summer	C-GZRN	9642	SCHED	06/30/2021 14:22:35	4	0	140	149	065:06:03.59 N	096:21:23.39 W
Summer	C-GZRN	9642	ARRIVAL	06/30/2021 14:22:44	1	0	140	149	065:06:03.59 N	096:21:23.39 W
Summer	C-GZRN	9642	XML_FLIGHT_SUMMARY	06/30/2021 14:22:45	0	0	0	0		
Summer	C-GZRN	9643	DEPARTURE	06/30/2021 14:24:03	2	64	240	80	065:06:06.00 N	096:20:43.19 W
Summer	C-GZRN	9643	SCHED	06/30/2021 14:27:13	5	34	186	159	065:06:30.00 N	096:15:19.20 W
Summer	C-GZRN	9643	POWER_ON	06/30/2021 14:29:01	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9643	SCHED	06/30/2021 14:29:40	1	0	123	0	065:06:20.39 N	096:15:23.40 W
Summer	C-GZRN	9643	POWER_ON	06/30/2021 20:51:45	NA	NA	NA	NA		
Summer	C-GZRN	9643	SCHED	06/30/2021 20:52:27	1	0	107	0	065:06:20.39 N	096:15:23.40 W
Summer	C-GZRN	9643	DEPARTURE	06/30/2021 20:53:19	1	82	223	48	065:06:18.59 N	096:14:52.19 W
Summer	C-GZRN	9643	ARRIVAL	06/30/2021 20:55:18	1	0	133	39	065:06:37.19 N	096:15:09.59 W
Summer	C-GZRN	9643	DEPARTURE	06/30/2021 20:57:00	2	55	246	236	065:06:27.59 N	096:15:41.39 W
Summer	C-GZRN	9643	SCHED	06/30/2021 21:00:13	2	0	159	196	065:06:09.59 N	096:20:48.00 W
Summer	C-GZRN	9643	ARRIVAL	06/30/2021 21:00:38	2	0	159	196	065:06:09.59 N	096:20:48.00 W
Summer	C-GZRN	9643	DEPARTURE	06/30/2021 21:01:49	3	50	239	232	065:06:01.79 N	096:21:18.59 W
Summer	C-GZRN	9643	SCHED	06/30/2021 21:04:57	3	108	550	116	065:03:45.60 N	096:13:07.19 W
Summer	C-GZRN	9643	SCHED	06/30/2021 21:08:09	4	34	185	195	065:01:30.59 N	096:04:04.20 W
Summer	C-GZRN	9643	ARRIVAL	06/30/2021 21:09:17	3	0	141	212	065:01:23.99 N	096:04:13.79 W
Summer	C-GZRN	9643	XML_FLIGHT_SUMMARY	06/30/2021 21:09:18	0	0	0	0		
Summer	C-GZRN	9644	POWER_ON	06/30/2021 22:54:42	NA	NA	NA	NA		
Summer	C-GZRN	9644	SCHED	06/30/2021 22:55:22	1	0	140	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9644	DEPARTURE	06/30/2021 22:56:07	1	63	214	232	065:01:29.39 N	096:04:56.40 W
Summer	C-GZRN	9644	SCHED	06/30/2021 22:59:12	2	100	463	198	064:57:00.59 N	096:07:00.60 W
Summer	C-GZRN	9644	SCHED	06/30/2021 23:02:18	3	108	498	188	064:51:43.19 N	096:09:47.99 W
Summer	C-GZRN	9644	SCHED	06/30/2021 23:05:24	4	108	488	193	064:46:12.60 N	096:12:16.19 W
Summer	C-GZRN	9644	SCHED	06/30/2021 23:08:32	5	90	367	206	064:40:51.00 N	096:15:10.20 W
Summer	C-GZRN	9644	SCHED	06/30/2021 23:11:38	6	0	74	207	064:39:07.80 N	096:16:55.80 W
Summer	C-GZRN	9644	ARRIVAL	06/30/2021 23:12:06	1	0	74	207	064:39:07.80 N	096:16:55.80 W
Summer	C-GZRN	9644	XML_FLIGHT_SUMMARY	06/30/2021 23:12:07	0	0	0	0		
Summer	C-GZRN	9644	SCHED	06/30/2021 23:17:11	7	0	74	207	064:39:07.80 N	096:16:55.80 W
Summer	C-GZRN	9645	DEPARTURE	06/30/2021 23:22:06	2	72	158	322	064:39:06.00 N	096:17:32.39 W
Summer	C-GZRN	9645	SCHED	06/30/2021 23:25:14	8	122	487	14	064:44:19.19 N	096:14:06.60 W
Summer	C-GZRN	9645	SCHED	06/30/2021 23:28:21	9	115	482	12	064:50:15.00 N	096:10:37.80 W
Summer	C-GZRN	9645	SCHED	06/30/2021 23:31:35	10	116	488	18	064:56:09.00 N	096:07:01.79 W
Summer	C-GZRN	9645	SCHED	06/30/2021 23:34:40	11	47	217	292	065:01:20.99 N	096:03:34.79 W
Summer	C-GZRN	9645	XML_FLIGHT_SUMMARY	06/30/2021 23:51:10	0	0	0	0		
Summer	C-GZRN	9646	POWER_ON	06/30/2021 23:51:09	NA	NA	NA	NA		
Summer	C-GZRN	9646	SCHED	06/30/2021 23:51:50	1	0	145	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9646	POWER_ON	07/01/2021 14:46:21	NA	NA	NA	NA		
Summer	C-GZRN	9646	SCHED	07/01/2021 14:47:06	1	0	140	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9646	DEPARTURE	07/01/2021 14:49:26	1	61	243	334	065:01:43.80 N	096:04:21.59 W
Summer	C-GZRN	9646	SCHED	07/01/2021 14:52:32	2	63	226	174	065:01:41.39 N	096:05:04.79 W
Summer	C-GZRN	9646	ARRIVAL	07/01/2021 14:54:09	1	0	148	29	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9646	POWER_ON	07/01/2021 14:56:27	NA	NA	NA	NA		
Summer	C-GZRN	9646	SCHED	07/01/2021 14:57:00	1	0	152	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9646	POWER_ON	07/01/2021 17:47:03	NA	NA	NA	NA		
Summer	C-GZRN	9646	SCHED	07/01/2021 17:47:39	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9646	SCHED	07/01/2021 17:51:49	2	94	429	328	065:04:46.19 N	096:11:54.59 W
Summer	C-GZRN	9646	SCHED	07/01/2021 17:54:55	3	9	138	26	065:06:33.60 N	096:14:51.59 W
Summer	C-GZRN	9646	ARRIVAL	07/01/2021 17:55:51	1	0	128	37	065:06:34.19 N	096:14:51.00 W
Summer	C-GZRN	9646	XML_FLIGHT_SUMMARY	07/01/2021 17:55:52	0	0	0	0		
Summer	C-GZRN	9647	POWER_ON	07/01/2021 20:22:47	NA	NA	NA	NA		
Summer	C-GZRN	9647	SCHED	07/01/2021 20:23:27	1	0	0	0	065:06:34.19 N	096:14:51.00 W
Summer	C-GZRN	9647	SCHED	07/01/2021 20:27:07	2	87	380	204	065:05:31.19 N	096:25:04.79 W
Summer	C-GZRN	9647	ARRIVAL	07/01/2021 20:29:23	1	0	132	41	065:05:33.60 N	096:24:11.99 W
Summer	C-GZRN	9647	XML_FLIGHT_SUMMARY	07/01/2021 20:29:24	0	0	0	0		
Summer	C-GZRN	9648	POWER_ON	07/01/2021 20:53:20	NA	NA	NA	NA		
Summer	C-GZRN	9648	SCHED	07/01/2021 20:54:01	1	0	138	0	065:05:33.60 N	096:24:12.60 W
Summer	C-GZRN	9648	DEPARTURE	07/01/2021 20:54:35	1	60	257	287	065:05:47.40 N	096:24:30.00 W
Summer	C-GZRN	9648	SCHED	07/01/2021 20:57:41	2	109	476	116	065:03:29.39 N	096:15:00.00 W
Summer	C-GZRN	9648	SCHED	07/01/2021 21:00:46	3	46	219	90	065:01:23.99 N	096:04:55.20 W
Summer	C-GZRN	9648	ARRIVAL	07/01/2021 21:02:22	1	0	137	36	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9648	XML_FLIGHT_SUMMARY	07/01/2021 21:02:23	0	0	0	0		
Summer	C-GZRN	9649	POWER_ON	07/01/2021 22:59:38	NA	NA	NA	NA		
Summer	C-GZRN	9649	SCHED	07/01/2021 23:00:13	1	0	149	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9649	DEPARTURE	07/01/2021 23:00:59	1	80	267	240	065:01:33.59 N	096:04:47.40 W
Summer	C-GZRN	9649	SCHED	07/01/2021 23:04:05	2	137	668	193	064:55:34.19 N	096:07:56.40 W
Summer	C-GZRN	9649	SCHED	07/01/2021 23:07:12	3	135	700	192	064:48:46.80 N	096:11:31.79 W
Summer	C-GZRN	9649	SCHED	07/01/2021 23:10:18	4	122	629	190	064:41:55.80 N	096:14:49.19 W
Summer	C-GZRN	9649	SCHED	07/01/2021 23:13:26	5	0	71	30	064:38:57.00 N	096:17:11.40 W
Summer	C-GZRN	9649	ARRIVAL	07/01/2021 23:15:26	1	0	72	336	064:38:57.00 N	096:17:11.40 W
Summer	C-GZRN	9649	XML_FLIGHT_SUMMARY	07/01/2021 23:15:27	0	0	0	0		
Summer	C-GZRN	9649	SCHED	07/01/2021 23:20:32	6	0	73	336	064:38:57.00 N	096:17:11.40 W
Summer	C-GZRN	9650	DEPARTURE	07/01/2021 23:24:48	2	56	182	20	064:39:13.19 N	096:17:06.60 W
Summer	C-GZRN	9650	SCHED	07/01/2021 23:27:54	7	92	590	13	064:43:20.99 N	096:14:49.79 W
Summer	C-GZRN	9650	SCHED	07/01/2021 23:31:05	8	93	650	18	064:47:59.40 N	096:11:51.00 W
Summer	C-GZRN	9650	SCHED	07/01/2021 23:34:10	9	95	658	11	064:52:47.40 N	096:09:00.00 W
Summer	C-GZRN	9650	SCHED	07/01/2021 23:37:18	10	89	707	8	064:57:26.99 N	096:06:43.19 W
Summer	C-GZRN	9650	SCHED	07/01/2021 23:40:28	11	38	224	36	065:01:19.20 N	096:04:40.80 W
Summer	C-GZRN	9650	XML_FLIGHT_SUMMARY	07/02/2021 00:03:44	0	0	0	0		
Summer	C-GZRN	9651	POWER_ON	07/02/2021 00:03:43	NA	NA	NA	NA		
Summer	C-GZRN	9651	SCHED	07/02/2021 00:04:23	1	0	145	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9651	POWER_ON	07/02/2021 11:03:52	NA	NA	NA	NA		
Summer	C-GZRN	9651	SCHED	07/02/2021 11:04:29	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9651	DEPARTURE	07/02/2021 11:05:46	1	61	243	290	065:01:37.19 N	096:04:49.19 W
Summer	C-GZRN	9651	SCHED	07/02/2021 11:08:58	2	112	776	192	064:57:09.60 N	096:07:24.60 W
Summer	C-GZRN	9651	SCHED	07/02/2021 11:12:04	3	115	745	189	064:51:10.20 N	096:10:21.00 W
Summer	C-GZRN	9651	SCHED	07/02/2021 11:15:09	4	117	689	194	064:45:15.00 N	096:12:40.20 W
Summer	C-GZRN	9651	SCHED	07/02/2021 11:18:17	5	104	369	193	064:39:38.40 N	096:16:07.80 W
Summer	C-GZRN	9651	ARRIVAL	07/02/2021 11:20:52	1	0	62	332	064:38:57.00 N	096:17:11.40 W
Summer	C-GZRN	9651	XML_FLIGHT_SUMMARY	07/02/2021 11:20:53	0	0	0	0		
Summer	C-GZRN	9651	SCHED	07/02/2021 11:26:04	6	0	63	332	064:38:57.00 N	096:17:11.40 W
Summer	C-GZRN	9652	DEPARTURE	07/02/2021 11:30:38	2	55	197	10	064:39:13.19 N	096:17:04.19 W
Summer	C-GZRN	9652	SCHED	07/02/2021 11:33:43	7	118	606	11	064:44:13.19 N	096:14:34.79 W
Summer	C-GZRN	9652	SCHED	07/02/2021 11:36:58	8	120	639	12	064:50:05.99 N	096:11:07.80 W
Summer	C-GZRN	9652	SCHED	07/02/2021 11:40:03	9	121	633	15	064:56:21.60 N	096:07:57.60 W
Summer	C-GZRN	9652	SCHED	07/02/2021 11:43:11	10	38	209	58	065:01:23.99 N	096:04:36.60 W
Summer	C-GZRN	9652	XML_FLIGHT_SUMMARY	07/02/2021 13:45:10	0	0	0	0		
Summer	C-GZRN	9653	POWER_ON	07/02/2021 13:45:09	NA	NA	NA	NA		
Summer	C-GZRN	9653	SCHED	07/02/2021 13:45:45	1	0	155	0	065:01:27.00 N	096:04:16.79 W

Table 4 Track Data (2021)										
Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9653	DEPARTURE	07/02/2021 13:46:44	1	59	251	353	065:01:44.39 N	096:04:21.00 W
Summer	C-GZRN	9653	SCHED	07/02/2021 13:49:50	2	117	562	17	065:06:52.80 N	096:01:16.79 W
Summer	C-GZRN	9653	SCHED	07/02/2021 13:53:02	3	34	251	120	065:08:07.79 N	096:00:01.19 W
Summer	C-GZRN	9653	XML_FLIGHT_SUMMARY	07/02/2021 20:20:11	0	0	0	0		
Summer	C-GZRN	9654	POWER_ON	07/02/2021 20:20:10	NA	NA	NA	NA		
Summer	C-GZRN	9654	SCHED	07/02/2021 20:20:45	1	0	184	0	065:07:55.79 N	095:59:37.79 W
Summer	C-GZRN	9654	POWER_ON	07/02/2021 20:22:26	NA	NA	NA	NA		
Summer	C-GZRN	9654	SCHED	07/02/2021 20:23:03	1	0	181	0	065:07:56.40 N	095:59:37.79 W
Summer	C-GZRN	9654	POWER_ON	07/02/2021 20:47:54	NA	NA	NA	NA		
Summer	C-GZRN	9654	SCHED	07/02/2021 20:48:42	1	0	181	0	065:07:56.40 N	095:59:37.79 W
Summer	C-GZRN	9654	DEPARTURE	07/02/2021 20:49:07	1	57	257	331	065:07:56.99 N	096:00:07.80 W
Summer	C-GZRN	9654	ARRIVAL	07/02/2021 20:51:21	1	0	173	229	065:08:33.60 N	096:00:51.00 W
Summer	C-GZRN	9654	DEPARTURE	07/02/2021 20:52:52	2	73	268	21	065:08:46.20 N	096:01:10.80 W
Summer	C-GZRN	9654	SCHED	07/02/2021 20:56:13	2	0	184	289	065:08:18.00 N	096:00:30.00 W
Summer	C-GZRN	9654	ARRIVAL	07/02/2021 20:56:24	2	0	184	289	065:08:18.00 N	096:00:30.00 W
Summer	C-GZRN	9654	DEPARTURE	07/02/2021 20:57:21	3	54	267	193	065:08:02.39 N	096:00:36.00 W
Summer	C-GZRN	9654	SCHED	07/02/2021 21:00:26	3	59	247	128	065:05:13.79 N	096:03:32.39 W
Summer	C-GZRN	9654	ARRIVAL	07/02/2021 21:02:31	3	0	143	269	065:04:58.20 N	096:03:33.59 W
Summer	C-GZRN	9654	XML_FLIGHT_SUMMARY	07/02/2021 21:02:32	0	0	0	0		
Summer	C-GZRN	9655	DEPARTURE	07/02/2021 21:03:38	4	52	242	225	065:04:46.80 N	096:03:59.40 W
Summer	C-GZRN	9655	SCHED	07/02/2021 21:06:50	4	0	136	197	065:01:23.40 N	096:04:11.99 W
Summer	C-GZRN	9655	ARRIVAL	07/02/2021 21:07:16	4	0	137	197	065:01:23.99 N	096:04:11.99 W
Summer	C-GZRN	9655	XML_FLIGHT_SUMMARY	07/02/2021 21:07:17	0	0	0	0		
Summer	C-GZRN	9656	POWER_ON	07/02/2021 23:04:47	NA	NA	NA	NA		
Summer	C-GZRN	9656	SCHED	07/02/2021 23:05:22	1	0	146	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9656	DEPARTURE	07/02/2021 23:05:50	1	55	250	210	065:01:17.39 N	096:04:46.79 W
Summer	C-GZRN	9656	SCHED	07/02/2021 23:08:56	2	109	479	193	064:56:25.19 N	096:07:40.80 W
Summer	C-GZRN	9656	SCHED	07/02/2021 23:12:05	3	112	442	194	064:50:47.99 N	096:10:52.19 W
Summer	C-GZRN	9656	SCHED	07/02/2021 23:15:15	4	112	387	190	064:45:08.40 N	096:13:22.80 W
Summer	C-GZRN	9656	SCHED	07/02/2021 23:18:21	5	79	225	197	064:39:38.99 N	096:16:33.00 W
Summer	C-GZRN	9656	ARRIVAL	07/02/2021 23:21:17	1	0	70	34	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9656	XML_FLIGHT_SUMMARY	07/02/2021 23:21:18	0	0	0	0		
Summer	C-GZRN	9657	DEPARTURE	07/02/2021 23:25:15	2	69	134	201	064:38:41.99 N	096:17:27.00 W
Summer	C-GZRN	9657	ARRIVAL	07/02/2021 23:26:38	2	0	90	304	064:38:22.19 N	096:17:55.80 W
Summer	C-GZRN	9657	DEPARTURE	07/02/2021 23:27:11	3	79	143	49	064:38:39.60 N	096:17:23.40 W
Summer	C-GZRN	9657	ARRIVAL	07/02/2021 23:28:58	3	0	71	100	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9657	DEPARTURE	07/02/2021 23:30:31	4	64	161	165	064:38:41.99 N	096:17:23.40 W
Summer	C-GZRN	9657	SCHED	07/02/2021 23:33:37	6	126	422	13	064:43:54.00 N	096:13:43.20 W
Summer	C-GZRN	9657	SCHED	07/02/2021 23:36:44	7	119	410	16	064:49:59.99 N	096:09:55.20 W
Summer	C-GZRN	9657	SCHED	07/02/2021 23:39:54	8	121	466	15	064:56:01.80 N	096:06:10.79 W
Summer	C-GZRN	9657	SCHED	07/02/2021 23:43:02	9	38	178	303	065:01:25.79 N	096:03:56.40 W
Summer	C-GZRN	9657	ARRIVAL	07/02/2021 23:44:21	4	0	146	252	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9657	XML_FLIGHT_SUMMARY	07/02/2021 23:44:22	0	0	0	0		
Summer	C-GZRN	9657	SCHED	07/03/2021 00:04:05	1	0	156	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9658	POWER_ON	07/03/2021 11:04:40	NA	NA	NA	NA		
Summer	C-GZRN	9658	SCHED	07/03/2021 11:05:20	1	0	155	0	065:01:27.60 N	096:04:19.79 W
Summer	C-GZRN	9658	DEPARTURE	07/03/2021 11:07:31	1	73	225	253	065:01:34.79 N	096:04:45.00 W
Summer	C-GZRN	9658	SCHED	07/03/2021 11:10:37	2	132	268	191	064:55:44.40 N	096:08:00.60 W
Summer	C-GZRN	9658	SCHED	07/03/2021 11:13:43	3	138	291	191	064:49:09.59 N	096:11:01.80 W
Summer	C-GZRN	9658	SCHED	07/03/2021 11:16:52	4	136	247	195	064:42:24.60 N	096:14:23.40 W
Summer	C-GZRN	9658	SCHED	07/03/2021 11:20:10	5	0	62	17	064:38:57.60 N	096:17:12.60 W
Summer	C-GZRN	9658	ARRIVAL	07/03/2021 11:20:18	1	0	62	17	064:38:57.60 N	096:17:12.60 W
Summer	C-GZRN	9658	XML_FLIGHT_SUMMARY	07/03/2021 11:20:19	0	0	0	0		
Summer	C-GZRN	9658	SCHED	07/03/2021 11:25:24	6	0	63	17	064:38:57.60 N	096:17:12.60 W
Summer	C-GZRN	9659	DEPARTURE	07/03/2021 11:28:58	2	61	141	15	064:39:14.39 N	096:17:10.80 W
Summer	C-GZRN	9659	SCHED	07/03/2021 11:32:04	7	95	296	14	064:43:51.00 N	096:14:35.40 W
Summer	C-GZRN	9659	SCHED	07/03/2021 11:35:10	8	102	277	16	064:48:41.39 N	096:11:30.00 W
Summer	C-GZRN	9659	SCHED	07/03/2021 11:38:18	9	94	250	10	064:53:24.60 N	096:08:30.00 W
Summer	C-GZRN	9659	SCHED	07/03/2021 11:41:24	10	97	235	12	064:58:17.40 N	096:06:31.80 W
Summer	C-GZRN	9659	SCHED	07/03/2021 11:44:30	11	0	126	32	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9659	ARRIVAL	07/03/2021 11:44:53	2	0	126	32	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9659	XML_FLIGHT_SUMMARY	07/03/2021 11:44:54	0	0	0	0		
Summer	C-GZRN	9660	POWER_ON	07/03/2021 14:58:47	NA	NA	NA	NA		
Summer	C-GZRN	9660	SCHED	07/03/2021 14:59:28	1	0	155	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9660	DEPARTURE	07/03/2021 15:00:31	1	64	220	308	065:01:39.00 N	096:04:48.00 W
Summer	C-GZRN	9660	SCHED	07/03/2021 15:03:38	2	100	369	321	065:04:59.99 N	096:12:56.39 W
Summer	C-GZRN	9660	SCHED	07/03/2021 15:06:44	3	69	321	155	065:07:19.20 N	096:16:48.60 W
Summer	C-GZRN	9660	SCHED	07/03/2021 15:09:51	4	0	134	55	065:07:18.59 N	096:15:49.79 W
Summer	C-GZRN	9660	ARRIVAL	07/03/2021 15:10:00	1	0	134	55	065:07:18.59 N	096:15:49.79 W
Summer	C-GZRN	9660	XML_FLIGHT_SUMMARY	07/03/2021 15:10:01	0	0	0	0		
Summer	C-GZRN	9661	POWER_ON	07/03/2021 18:31:14	NA	NA	NA	NA		
Summer	C-GZRN	9661	SCHED	07/03/2021 18:31:46	1	0	138	0	065:07:18.59 N	096:15:49.79 W
Summer	C-GZRN	9661	DEPARTURE	07/03/2021 18:32:19	1	86	226	210	065:07:07.79 N	096:15:32.39 W
Summer	C-GZRN	9661	ARRIVAL	07/03/2021 18:34:04	1	0	137	45	065:07:14.39 N	096:16:30.60 W
Summer	C-GZRN	9661	DEPARTURE	07/03/2021 18:36:19	2	53	232	63	065:07:19.80 N	096:15:52.19 W
Summer	C-GZRN	9661	SCHED	07/03/2021 18:39:29	2	90	420	69	065:08:10.20 N	096:05:51.60 W
Summer	C-GZRN	9661	SCHED	07/03/2021 18:42:34	3	59	355	105	065:10:04.80 N	096:00:10.80 W
Summer	C-GZRN	9661	ARRIVAL	07/03/2021 18:44:48	2	0	231	101	065:09:54.00 N	096:00:31.79 W
Summer	C-GZRN	9661	XML_FLIGHT_SUMMARY	07/03/2021 18:44:49	0	0	0	0		
Summer	C-GZRN	9662	POWER_ON	07/03/2021 20:59:37	NA	NA	NA	NA		
Summer	C-GZRN	9662	SCHED	07/03/2021 21:01:30	1	84	468	179	065:09:37.19 N	095:59:16.79 W
Summer	C-GZRN	9662	DEPARTURE	07/03/2021 21:01:39	1	56	323	98	065:10:02.39 N	096:00:00.60 W
Summer	C-GZRN	9662	SCHED	07/03/2021 21:04:44	2	117	484	209	065:02:56.40 N	096:04:40.20 W
Summer	C-GZRN	9662	XML_FLIGHT_SUMMARY	07/03/2021 23:07:51	0	0	0	0		
Summer	C-GZRN	9663	POWER_ON	07/03/2021 23:07:50	NA	NA	NA	NA		
Summer	C-GZRN	9663	SCHED	07/03/2021 23:08:20	1	0	0	0	065:01:27.00 N	096:04:18.00 W
Summer	C-GZRN	9663	DEPARTURE	07/03/2021 23:09:15	1	72	246	237	065:01:31.79 N	096:04:50.99 W
Summer	C-GZRN	9663	SCHED	07/03/2021 23:12:20	2	130	601	191	064:55:44.99 N	096:08:09.00 W
Summer	C-GZRN	9663	SCHED	07/03/2021 23:15:34	3	131	553	192	064:49:03.59 N	096:11:31.19 W
Summer	C-GZRN	9663	SCHED	07/03/2021 23:18:43	4	133	590	196	064:42:06.60 N	096:14:45.59 W
Summer	C-GZRN	9663	SCHED	07/03/2021 23:21:48	5	0	69	65	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9663	ARRIVAL	07/03/2021 23:22:20	1	0	69	65	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9663	XML_FLIGHT_SUMMARY	07/03/2021 23:22:21	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9663	SCHED	07/03/2021 23:27:29	6	0	69	65	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9663	SCHED	07/03/2021 23:32:34	7	0	71	65	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9663	SCHED	07/03/2021 23:37:44	8	20	86	359	064:38:58.79 N	096:17:14.39 W
Summer	C-GZRN	9664	DEPARTURE	07/03/2021 23:38:03	2	52	181	347	064:39:12.00 N	096:17:06.60 W
Summer	C-GZRN	9664	SCHED	07/03/2021 23:41:10	9	91	476	12	064:43:19.19 N	096:15:07.19 W
Summer	C-GZRN	9664	SCHED	07/03/2021 23:44:15	10	93	460	14	064:47:57.60 N	096:12:22.19 W
Summer	C-GZRN	9664	SCHED	07/03/2021 23:47:20	11	94	497	14	064:52:30.60 N	096:09:40.80 W
Summer	C-GZRN	9664	SCHED	07/03/2021 23:50:26	12	92	550	15	064:57:15.00 N	096:07:12.60 W
Summer	C-GZRN	9664	SCHED	07/03/2021 23:53:31	13	41	224	27	065:01:16.79 N	096:04:40.80 W
Summer	C-GZRN	9664	XML_FLIGHT_SUMMARY	07/04/2021 00:06:11	0	0	0	0		
Summer	C-GZRN	9665	POWER_ON	07/04/2021 00:06:10	NA	NA	NA	NA		
Summer	C-GZRN	9665	SCHED	07/04/2021 00:06:50	1	0	143	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9665	POWER_ON	07/04/2021 00:09:31	NA	NA	NA	NA		
Summer	C-GZRN	9665	SCHED	07/04/2021 00:10:10	1	0	146	0	065:01:24.59 N	096:04:13.79 W
Summer	C-GZRN	9665	POWER_ON	07/04/2021 11:04:14	NA	NA	NA	NA		
Summer	C-GZRN	9665	SCHED	07/04/2021 11:04:46	1	0	144	0	065:01:27.60 N	096:04:19.19 W
Summer	C-GZRN	9665	DEPARTURE	07/04/2021 11:06:57	1	68	237	266	065:01:36.59 N	096:04:53.99 W
Summer	C-GZRN	9665	SCHED	07/04/2021 11:10:02	2	122	741	192	064:56:25.19 N	096:07:35.39 W
Summer	C-GZRN	9665	SCHED	07/04/2021 11:13:14	3	122	675	191	064:50:12.00 N	096:10:54.00 W
Summer	C-GZRN	9665	SCHED	07/04/2021 11:16:25	4	132	605	193	064:43:39.59 N	096:14:09.59 W
Summer	C-GZRN	9665	SCHED	07/04/2021 11:19:30	5	12	80	11	064:38:56.40 N	096:17:13.20 W
Summer	C-GZRN	9665	ARRIVAL	07/04/2021 11:20:37	1	0	69	5	064:38:58.20 N	096:17:11.99 W
Summer	C-GZRN	9665	XML_FLIGHT_SUMMARY	07/04/2021 11:20:38	0	0	0	0		
Summer	C-GZRN	9665	SCHED	07/04/2021 11:25:43	6	0	70	5	064:38:57.60 N	096:17:11.99 W
Summer	C-GZRN	9666	DEPARTURE	07/04/2021 11:28:02	2	56	146	18	064:39:12.59 N	096:17:03.60 W
Summer	C-GZRN	9666	SCHED	07/04/2021 11:31:14	7	97	572	14	064:43:20.40 N	096:14:52.80 W
Summer	C-GZRN	9666	SCHED	07/04/2021 11:34:22	8	105	711	15	064:48:22.79 N	096:11:40.20 W
Summer	C-GZRN	9666	SCHED	07/04/2021 11:37:28	9	108	701	12	064:53:47.99 N	096:08:31.19 W
Summer	C-GZRN	9666	SCHED	07/04/2021 11:40:35	10	101	489	11	064:58:55.20 N	096:05:58.79 W
Summer	C-GZRN	9666	SCHED	07/04/2021 11:43:45	11	0	136	1	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9666	XML_FLIGHT_SUMMARY	07/04/2021 14:47:35	0	0	0	0		
Summer	C-GZRN	9667	POWER_ON	07/04/2021 14:47:34	NA	NA	NA	NA		
Summer	C-GZRN	9667	SCHED	07/04/2021 14:48:07	1	0	0	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9667	DEPARTURE	07/04/2021 14:49:34	1	60	260	360	065:01:45.59 N	096:04:16.79 W
Summer	C-GZRN	9667	SCHED	07/04/2021 14:52:39	2	101	484	10	065:06:18.59 N	096:01:48.00 W
Summer	C-GZRN	9667	SCHED	07/04/2021 14:55:46	3	90	508	154	065:10:22.80 N	095:58:08.39 W
Summer	C-GZRN	9667	ARRIVAL	07/04/2021 14:58:28	1	0	174	23	065:10:26.40 N	095:58:49.79 W
Summer	C-GZRN	9667	XML_FLIGHT_SUMMARY	07/04/2021 14:58:29	0	0	0	0		
Summer	C-GZRN	9668	POWER_ON	07/04/2021 17:48:24	NA	NA	NA	NA		
Summer	C-GZRN	9668	SCHED	07/04/2021 17:49:53	1	74	329	140	065:10:37.80 N	095:58:10.20 W
Summer	C-GZRN	9668	DEPARTURE	07/04/2021 17:49:58	1	49	268	62	065:10:40.20 N	095:58:34.20 W
Summer	C-GZRN	9668	ARRIVAL	07/04/2021 17:51:59	1	0	203	332	065:10:04.80 N	095:58:37.19 W
Summer	C-GZRN	9668	DEPARTURE	07/04/2021 17:53:59	2	53	303	312	065:10:15.00 N	095:59:05.39 W
Summer	C-GZRN	9668	SCHED	07/04/2021 17:57:19	2	102	440	323	065:13:49.80 N	096:05:35.40 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:00:31	3	80	433	350	065:18:16.79 N	096:13:20.99 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:03:39	4	70	363	326	065:21:36.60 N	096:15:11.40 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:06:50	5	62	354	326	065:24:30.60 N	096:19:53.99 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:10:00	6	85	396	186	065:26:23.40 N	096:23:31.19 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:13:06	7	78	351	149	065:22:15.59 N	096:21:18.59 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:16:20	8	75	343	160	065:18:49.79 N	096:16:41.99 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:19:29	9	58	325	340	065:21:12.00 N	096:17:42.59 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:22:40	10	61	329	92	065:22:46.19 N	096:17:14.39 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:25:51	11	68	329	157	065:20:31.19 N	096:11:39.59 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:28:59	12	65	347	184	065:18:13.79 N	096:07:01.79 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:32:04	13	110	429	152	065:13:48.59 N	096:02:34.79 W
Summer	C-GZRN	9668	SCHED	07/04/2021 18:35:11	14	19	202	115	065:10:22.19 N	095:59:23.40 W
Summer	C-GZRN	9668	ARRIVAL	07/04/2021 18:37:04	2	0	183	296	065:10:22.80 N	095:59:25.80 W
Summer	C-GZRN	9668	XML_FLIGHT_SUMMARY	07/04/2021 18:37:05	0	0	0	0		
Summer	C-GZRN	9669	POWER_ON	07/04/2021 20:59:47	NA	NA	NA	NA		
Summer	C-GZRN	9669	SCHED	07/04/2021 21:00:28	1	0	188	0	065:10:22.80 N	095:59:25.20 W
Summer	C-GZRN	9669	DEPARTURE	07/04/2021 21:00:56	1	54	239	24	065:10:38.40 N	095:59:12.60 W
Summer	C-GZRN	9669	SCHED	07/04/2021 21:04:01	2	120	425	198	065:05:52.19 N	096:01:52.19 W
Summer	C-GZRN	9669	SCHED	07/04/2021 21:07:06	3	14	178	95	065:01:25.79 N	096:04:14.39 W
Summer	C-GZRN	9669	ARRIVAL	07/04/2021 21:08:33	1	0	141	279	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9669	XML_FLIGHT_SUMMARY	07/04/2021 21:08:34	0	0	0	0		
Summer	C-GZRN	9670	POWER_ON	07/04/2021 21:38:14	NA	NA	NA	NA		
Summer	C-GZRN	9670	SCHED	07/04/2021 21:38:48	1	0	146	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9670	DEPARTURE	07/04/2021 21:39:41	1	50	249	358	065:01:41.39 N	096:04:13.79 W
Summer	C-GZRN	9670	SCHED	07/04/2021 21:42:48	2	6	175	3	065:04:59.99 N	096:04:05.99 W
Summer	C-GZRN	9670	ARRIVAL	07/04/2021 21:43:40	1	0	169	354	065:04:59.99 N	096:04:05.99 W
Summer	C-GZRN	9670	XML_FLIGHT_SUMMARY	07/04/2021 21:43:41	0	0	0	0		
Summer	C-GZRN	9670	SCHED	07/04/2021 21:48:46	3	14	175	350	065:05:14.39 N	096:04:19.79 W
Summer	C-GZRN	9671	DEPARTURE	07/04/2021 21:52:01	2	64	253	246	065:05:34.80 N	096:04:57.60 W
Summer	C-GZRN	9671	ARRIVAL	07/04/2021 21:54:19	2	0	189	5	065:05:01.20 N	096:04:45.00 W
Summer	C-GZRN	9671	DEPARTURE	07/04/2021 21:56:38	3	57	255	331	065:05:16.19 N	096:04:47.40 W
Summer	C-GZRN	9671	SCHED	07/04/2021 21:59:51	4	0	147	66	065:01:25.79 N	096:04:11.40 W
Summer	C-GZRN	9671	XML_FLIGHT_SUMMARY	07/04/2021 22:00:55	0	0	0	0		
Summer	C-GZRN	9672	POWER_ON	07/04/2021 22:00:54	NA	NA	NA	NA		
Summer	C-GZRN	9672	SCHED	07/04/2021 22:01:32	1	0	146	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9672	POWER_ON	07/04/2021 23:01:03	NA	NA	NA	NA		
Summer	C-GZRN	9672	SCHED	07/04/2021 23:01:45	1	0	134	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9672	DEPARTURE	07/04/2021 23:02:26	1	54	227	300	065:01:35.40 N	096:04:35.40 W
Summer	C-GZRN	9672	SCHED	07/04/2021 23:05:32	2	132	661	193	064:56:17.39 N	096:07:50.40 W
Summer	C-GZRN	9672	SCHED	07/04/2021 23:08:39	3	132	620	191	064:49:43.80 N	096:11:20.39 W
Summer	C-GZRN	9672	SCHED	07/04/2021 23:11:47	4	134	574	194	064:42:57.59 N	096:14:36.59 W
Summer	C-GZRN	9672	SCHED	07/04/2021 23:14:57	5	15	95	24	064:38:43.20 N	096:17:31.20 W
Summer	C-GZRN	9672	ARRIVAL	07/04/2021 23:15:57	1	0	81	11	064:38:44.99 N	096:17:29.39 W
Summer	C-GZRN	9672	XML_FLIGHT_SUMMARY	07/04/2021 23:15:58	0	0	0	0		
Summer	C-GZRN	9672	SCHED	07/04/2021 23:21:03	6	0	81	11	064:38:44.99 N	096:17:29.39 W
Summer	C-GZRN	9673	DEPARTURE	07/04/2021 23:25:37	2	55	133	33	064:39:00.00 N	096:17:13.79 W
Summer	C-GZRN	9673	SCHED	07/04/2021 23:28:44	7	93	485	15	064:42:54.59 N	096:14:51.00 W
Summer	C-GZRN	9673	SCHED	07/04/2021 23:31:49	8	94	427	16	064:47:39.00 N	096:11:54.00 W
Summer	C-GZRN	9673	SCHED	07/04/2021 23:34:58	9	101	406	14	064:52:25.80 N	096:09:03.59 W
Summer	C-GZRN	9673	SCHED	07/04/2021 23:38:03	10	97	462	10	064:57:26.99 N	096:06:41.40 W
Summer	C-GZRN	9673	SCHED	07/04/2021 23:41:08	11	24	185	51	065:01:25.20 N	096:04:26.39 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9673	ARRIVAL	07/04/2021 23:42:24	2	0	146	46	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9673	XML_FLIGHT_SUMMARY	07/04/2021 23:42:25	0	0	0	0		
Summer	C-GZRN	9674	POWER_ON	07/05/2021 11:08:28	NA	NA	NA	NA		
Summer	C-GZRN	9674	SCHED	07/05/2021 11:09:39	1	0	144	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9674	DEPARTURE	07/05/2021 11:10:53	1	58	225	282	065:01:37.19 N	096:04:49.19 W
Summer	C-GZRN	9674	SCHED	07/05/2021 11:14:00	2	123	593	192	064:56:30.00 N	096:07:41.40 W
Summer	C-GZRN	9674	SCHED	07/05/2021 11:17:07	3	127	565	191	064:50:12.60 N	096:10:14.39 W
Summer	C-GZRN	9674	SCHED	07/05/2021 11:20:12	4	124	532	197	064:43:55.80 N	096:13:35.40 W
Summer	C-GZRN	9674	SCHED	07/05/2021 11:23:17	5	55	158	283	064:38:38.40 N	096:17:04.19 W
Summer	C-GZRN	9674	ARRIVAL	07/05/2021 11:24:36	1	0	81	356	064:38:45.60 N	096:17:30.00 W
Summer	C-GZRN	9674	XML_FLIGHT_SUMMARY	07/05/2021 11:24:37	0	0	0	0		
Summer	C-GZRN	9674	SCHED	07/05/2021 11:29:43	6	0	81	356	064:38:45.60 N	096:17:30.00 W
Summer	C-GZRN	9675	DEPARTURE	07/05/2021 11:34:44	2	64	152	27	064:39:01.79 N	096:17:08.99 W
Summer	C-GZRN	9675	SCHED	07/05/2021 11:37:59	7	103	668	12	064:43:30.60 N	096:14:48.59 W
Summer	C-GZRN	9675	SCHED	07/05/2021 11:41:05	8	105	711	14	064:49:00.60 N	096:11:34.20 W
Summer	C-GZRN	9675	SCHED	07/05/2021 11:44:11	9	109	658	15	064:54:24.00 N	096:08:10.80 W
Summer	C-GZRN	9675	SCHED	07/05/2021 11:47:17	10	105	488	21	064:59:43.80 N	096:04:01.19 W
Summer	C-GZRN	9675	ARRIVAL	07/05/2021 11:50:17	2	0	133	289	065:01:24.59 N	096:04:15.00 W
Summer	C-GZRN	9675	XML_FLIGHT_SUMMARY	07/05/2021 11:50:18	0	0	0	0		
Summer	C-GZRN	9676	POWER_ON	07/05/2021 12:08:34	NA	NA	NA	NA		
Summer	C-GZRN	9676	POWER_ON	07/05/2021 13:41:50	NA	NA	NA	NA		
Summer	C-GZRN	9676	SCHED	07/05/2021 13:42:59	1	0	145	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9676	DEPARTURE	07/05/2021 13:45:56	1	58	228	306	065:01:36.00 N	096:04:37.80 W
Summer	C-GZRN	9676	SCHED	07/05/2021 13:49:02	2	106	495	11	065:06:21.59 N	096:02:47.39 W
Summer	C-GZRN	9676	SCHED	07/05/2021 13:52:24	3	53	309	268	065:08:26.39 N	096:01:00.60 W
Summer	C-GZRN	9676	ARRIVAL	07/05/2021 13:54:20	1	0	187	270	065:08:48.59 N	096:01:05.99 W
Summer	C-GZRN	9676	XML_FLIGHT_SUMMARY	07/05/2021 13:54:21	0	0	0	0		
Summer	C-GZRN	9677	POWER_ON	07/05/2021 16:55:21	NA	NA	NA	NA		
Summer	C-GZRN	9677	SCHED	07/05/2021 16:55:58	1	0	164	0	065:08:48.59 N	096:01:05.99 W
Summer	C-GZRN	9677	DEPARTURE	07/05/2021 16:57:51	1	56	280	19	065:09:03.00 N	096:01:13.79 W
Summer	C-GZRN	9677	SCHED	07/05/2021 17:00:56	2	0	180	27	065:09:02.39 N	096:00:49.19 W
Summer	C-GZRN	9677	ARRIVAL	07/05/2021 17:01:27	1	0	182	27	065:09:02.39 N	096:00:48.59 W
Summer	C-GZRN	9677	POWER_ON	07/05/2021 20:46:15	NA	NA	NA	NA		
Summer	C-GZRN	9677	SCHED	07/05/2021 20:46:44	1	0	0	0	065:09:02.39 N	096:00:49.19 W
Summer	C-GZRN	9677	DEPARTURE	07/05/2021 20:50:07	1	75	307	81	065:09:15.59 N	096:00:40.80 W
Summer	C-GZRN	9677	ARRIVAL	07/05/2021 20:52:43	1	0	231	308	065:08:32.40 N	095:58:48.00 W
Summer	C-GZRN	9677	DEPARTURE	07/05/2021 20:57:18	2	53	294	262	065:08:31.19 N	096:00:05.39 W
Summer	C-GZRN	9677	SCHED	07/05/2021 21:00:24	2	115	393	182	065:03:15.59 N	096:01:56.99 W
Summer	C-GZRN	9677	ARRIVAL	07/05/2021 21:03:30	2	0	139	205	065:01:23.99 N	096:04:12.60 W
Summer	C-GZRN	9677	XML_FLIGHT_SUMMARY	07/05/2021 21:03:31	0	0	0	0		
Summer	C-GZRN	9678	POWER_ON	07/05/2021 23:03:03	NA	NA	NA	NA		
Summer	C-GZRN	9678	SCHED	07/05/2021 23:03:43	1	0	128	0	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9678	DEPARTURE	07/05/2021 23:04:28	1	61	243	202	065:01:18.59 N	096:04:49.79 W
Summer	C-GZRN	9678	SCHED	07/05/2021 23:07:34	2	116	637	193	064:56:30.00 N	096:07:26.99 W
Summer	C-GZRN	9678	SCHED	07/05/2021 23:10:41	3	111	635	191	064:50:52.80 N	096:10:25.80 W
Summer	C-GZRN	9678	SCHED	07/05/2021 23:13:51	4	115	666	194	064:45:13.19 N	096:13:14.40 W
Summer	C-GZRN	9678	SCHED	07/05/2021 23:16:58	5	90	358	177	064:39:35.40 N	096:16:02.40 W
Summer	C-GZRN	9678	ARRIVAL	07/05/2021 23:19:29	1	0	88	346	064:38:45.60 N	096:17:29.39 W
Summer	C-GZRN	9678	XML_FLIGHT_SUMMARY	07/05/2021 23:19:30	0	0	0	0		
Summer	C-GZRN	9678	SCHED	07/05/2021 23:24:34	6	0	88	346	064:38:45.60 N	096:17:29.39 W
Summer	C-GZRN	9679	DEPARTURE	07/05/2021 23:28:24	2	58	165	352	064:39:02.39 N	096:17:34.19 W
Summer	C-GZRN	9679	SCHED	07/05/2021 23:31:31	7	110	731	16	064:43:22.80 N	096:15:14.40 W
Summer	C-GZRN	9679	SCHED	07/05/2021 23:34:43	8	110	761	15	064:48:49.19 N	096:11:55.80 W
Summer	C-GZRN	9679	SCHED	07/05/2021 23:37:49	9	115	627	16	064:54:33.60 N	096:08:15.00 W
Summer	C-GZRN	9679	SCHED	07/05/2021 23:40:54	10	97	471	21	064:59:56.39 N	096:03:44.39 W
Summer	C-GZRN	9679	XML_FLIGHT_SUMMARY	07/06/2021 11:03:43	0	0	0	0		
Summer	C-GZRN	9680	POWER_ON	07/06/2021 11:03:42	NA	NA	NA	NA		
Summer	C-GZRN	9680	SCHED	07/06/2021 11:04:19	1	0	139	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GZRN	9680	DEPARTURE	07/06/2021 11:05:36	1	63	241	182	065:01:13.80 N	096:04:37.80 W
Summer	C-GZRN	9680	SCHED	07/06/2021 11:08:42	2	99	414	194	064:56:30.60 N	096:07:29.39 W
Summer	C-GZRN	9680	SCHED	07/06/2021 11:11:48	3	103	421	190	064:51:22.80 N	096:10:31.79 W
Summer	C-GZRN	9680	SCHED	07/06/2021 11:14:57	4	104	392	192	064:46:07.19 N	096:12:49.79 W
Summer	C-GZRN	9680	SCHED	07/06/2021 11:18:03	5	105	387	196	064:40:49.20 N	096:15:39.59 W
Summer	C-GZRN	9680	ARRIVAL	07/06/2021 11:21:01	1	0	78	332	064:38:44.99 N	096:17:29.39 W
Summer	C-GZRN	9680	XML_FLIGHT_SUMMARY	07/06/2021 11:21:02	0	0	0	0		
Summer	C-GZRN	9680	SCHED	07/06/2021 11:26:07	6	0	79	332	064:38:44.99 N	096:17:29.39 W
Summer	C-GZRN	9680	SCHED	07/06/2021 11:31:12	7	16	87	231	064:38:44.99 N	096:17:30.00 W
Summer	C-GZRN	9681	DEPARTURE	07/06/2021 11:31:38	2	66	186	346	064:38:49.20 N	096:18:01.79 W
Summer	C-GZRN	9681	SCHED	07/06/2021 11:34:44	8	126	534	15	064:44:25.79 N	096:14:41.39 W
Summer	C-GZRN	9681	SCHED	07/06/2021 11:37:54	9	134	481	15	064:50:49.19 N	096:10:46.79 W
Summer	C-GZRN	9681	SCHED	07/06/2021 11:41:01	10	123	525	16	064:57:14.39 N	096:06:49.19 W
Summer	C-GZRN	9681	SCHED	07/06/2021 11:44:06	11	14	154	288	065:01:27.00 N	096:04:07.80 W
Summer	C-GZRN	9681	ARRIVAL	07/06/2021 11:45:22	2	0	133	215	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9681	XML_FLIGHT_SUMMARY	07/06/2021 11:45:23	0	0	0	0		
Summer	C-GZRN	9681	SCHED	07/06/2021 11:50:31	12	0	132	299	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9682	POWER_ON	07/06/2021 12:12:06	NA	NA	NA	NA		
Summer	C-GZRN	9682	SCHED	07/06/2021 12:13:01	1	5	131	44	065:01:24.59 N	096:04:13.79 W
Summer	C-GZRN	9682	DEPARTURE	07/06/2021 12:13:28	1	65	207	301	065:01:37.19 N	096:04:43.19 W
Summer	C-GZRN	9682	SCHED	07/06/2021 12:16:35	2	107	462	191	064:57:05.39 N	096:07:50.99 W
Summer	C-GZRN	9682	SCHED	07/06/2021 12:19:40	3	98	409	193	064:51:55.20 N	096:10:49.79 W
Summer	C-GZRN	9682	SCHED	07/06/2021 12:22:45	4	102	361	189	064:46:56.99 N	096:13:23.99 W
Summer	C-GZRN	9682	SCHED	07/06/2021 12:25:57	5	103	391	191	064:41:49.79 N	096:15:13.79 W
Summer	C-GZRN	9682	SCHED	07/06/2021 12:29:03	6	0	82	347	064:38:45.60 N	096:17:29.39 W
Summer	C-GZRN	9682	ARRIVAL	07/06/2021 12:29:26	1	0	82	347	064:38:45.60 N	096:17:29.39 W
Summer	C-GZRN	9682	XML_FLIGHT_SUMMARY	07/06/2021 12:29:27	0	0	0	0		
Summer	C-GZRN	9683	DEPARTURE	07/06/2021 12:30:16	2	67	175	308	064:38:42.60 N	096:18:04.19 W
Summer	C-GZRN	9683	SCHED	07/06/2021 12:33:27	7	129	610	15	064:44:30.59 N	096:14:51.00 W
Summer	C-GZRN	9683	SCHED	07/06/2021 12:36:37	8	132	640	14	064:51:09.00 N	096:10:38.99 W
Summer	C-GZRN	9683	SCHED	07/06/2021 12:39:42	9	135	638	19	064:57:51.00 N	096:06:15.60 W
Summer	C-GZRN	9683	SCHED	07/06/2021 12:42:48	10	0	141	163	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9683	XML_FLIGHT_SUMMARY	07/06/2021 13:59:08	0	0	0	0		
Summer	C-GZRN	9684	POWER_ON	07/06/2021 13:59:07	NA	NA	NA	NA		
Summer	C-GZRN	9684	SCHED	07/06/2021 13:59:42	1	0	148	0	065:01:27.00 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9684	DEPARTURE	07/06/2021 14:00:45	1	74	257	334	065:01:31.79 N	096:04:53.99 W
Summer	C-GZRN	9684	SCHED	07/06/2021 14:03:51	2	137	510	23	065:07:49.79 N	096:01:07.19 W
Summer	C-GZRN	9684	SCHED	07/06/2021 14:07:05	3	15	239	112	065:08:37.80 N	095:58:37.80 W
Summer	C-GZRN	9684	XML_FLIGHT_SUMMARY	07/06/2021 14:09:25	0	0	0	0		
Summer	C-GZRN	9685	POWER_ON	07/06/2021 14:09:24	NA	NA	NA	NA		
Summer	C-GZRN	9685	POWER_ON	07/06/2021 15:31:13	NA	NA	NA	NA		
Summer	C-GZRN	9685	SCHED	07/06/2021 15:31:43	1	0	223	0	065:08:35.99 N	095:58:35.40 W
Summer	C-GZRN	9685	DEPARTURE	07/06/2021 15:32:17	1	59	341	354	065:08:44.99 N	095:59:00.60 W
Summer	C-GZRN	9685	SCHED	07/06/2021 15:35:23	2	3	204	353	065:08:54.59 N	095:58:58.80 W
Summer	C-GZRN	9685	ARRIVAL	07/06/2021 15:36:27	1	0	194	96	065:08:54.59 N	095:58:58.80 W
Summer	C-GZRN	9685	DEPARTURE	07/06/2021 15:38:19	2	52	293	202	065:08:39.60 N	095:58:54.00 W
Summer	C-GZRN	9685	SCHED	07/06/2021 15:41:32	3	100	455	185	065:04:16.20 N	096:02:04.79 W
Summer	C-GZRN	9685	SCHED	07/06/2021 15:44:43	4	0	147	218	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9685	XML_FLIGHT_SUMMARY	07/06/2021 17:39:51	0	0	0	0		
Summer	C-GZRN	9686	POWER_ON	07/06/2021 17:39:50	NA	NA	NA	NA		
Summer	C-GZRN	9686	SCHED	07/06/2021 17:40:26	1	0	127	341	065:01:26.40 N	096:04:17.39 W
Summer	C-GZRN	9686	DEPARTURE	07/06/2021 17:42:02	1	51	236	187	065:01:16.20 N	096:04:40.20 W
Summer	C-GZRN	9686	SCHED	07/06/2021 17:45:15	2	132	610	28	065:03:21.00 N	095:59:57.60 W
Summer	C-GZRN	9686	SCHED	07/06/2021 17:48:23	3	107	625	325	065:06:21.00 N	096:06:13.79 W
Summer	C-GZRN	9686	SCHED	07/06/2021 17:51:29	4	110	663	320	065:11:03.59 N	096:13:51.59 W
Summer	C-GZRN	9686	SCHED	07/06/2021 17:54:45	5	104	678	322	065:15:16.79 N	096:22:23.39 W
Summer	C-GZRN	9686	SCHED	07/06/2021 17:57:52	6	107	711	319	065:19:36.60 N	096:31:12.60 W
Summer	C-GZRN	9686	SCHED	07/06/2021 18:01:14	7	114	670	330	065:24:30.00 N	096:38:07.79 W
Summer	C-GZRN	9686	SCHED	07/06/2021 18:04:22	8	75	470	89	065:25:03.00 N	096:41:08.39 W
Summer	C-GZRN	9686	SCHED	07/06/2021 18:07:28	9	0	155	244	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9686	ARRIVAL	07/06/2021 18:08:01	1	0	155	244	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9686	XML_FLIGHT_SUMMARY	07/06/2021 18:08:02	0	0	0	0		
Summer	C-GZRN	9687	POWER_ON	07/06/2021 18:24:48	NA	NA	NA	NA		
Summer	C-GZRN	9687	SCHED	07/06/2021 18:25:24	1	0	155	0	065:23:54.59 N	096:40:28.79 W
Summer	C-GZRN	9687	DEPARTURE	07/06/2021 18:26:23	1	57	265	146	065:23:38.40 N	096:40:18.60 W
Summer	C-GZRN	9687	SCHED	07/06/2021 18:29:38	2	124	697	145	065:19:15.59 N	096:32:56.99 W
Summer	C-GZRN	9687	SCHED	07/06/2021 18:32:46	3	125	763	146	065:13:38.39 N	096:24:07.19 W
Summer	C-GZRN	9687	SCHED	07/06/2021 18:35:52	4	126	658	145	065:08:09.00 N	096:15:13.79 W
Summer	C-GZRN	9687	SCHED	07/06/2021 18:38:58	5	105	456	142	065:03:03.59 N	096:06:21.59 W
Summer	C-GZRN	9687	SCHED	07/06/2021 18:42:04	6	0	142	264	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9687	ARRIVAL	07/06/2021 18:42:09	1	0	142	264	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9687	XML_FLIGHT_SUMMARY	07/06/2021 18:42:10	0	0	0	0		
Summer	C-GZRN	9688	POWER_ON	07/06/2021 19:02:45	NA	NA	NA	NA		
Summer	C-GZRN	9688	SCHED	07/06/2021 19:03:25	1	0	132	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9688	DEPARTURE	07/06/2021 19:04:17	1	64	206	307	065:01:36.00 N	096:04:38.39 W
Summer	C-GZRN	9688	SCHED	07/06/2021 19:07:26	2	130	472	24	065:07:33.00 N	096:01:15.60 W
Summer	C-GZRN	9688	SCHED	07/06/2021 19:10:32	3	3	215	211	065:09:36.60 N	095:59:36.59 W
Summer	C-GZRN	9688	ARRIVAL	07/06/2021 19:11:27	1	0	214	192	065:09:36.60 N	095:59:36.59 W
Summer	C-GZRN	9688	XML_FLIGHT_SUMMARY	07/06/2021 19:11:28	0	0	0	0		
Summer	C-GZRN	9689	POWER_ON	07/06/2021 19:12:41	NA	NA	NA	NA		
Summer	C-GZRN	9689	POWER_ON	07/06/2021 20:45:53	NA	NA	NA	NA		
Summer	C-GZRN	9689	SCHED	07/06/2021 20:46:32	1	0	204	0	065:09:36.60 N	095:59:36.59 W
Summer	C-GZRN	9689	DEPARTURE	07/06/2021 20:47:06	1	79	275	345	065:09:43.20 N	096:00:07.80 W
Summer	C-GZRN	9689	ARRIVAL	07/06/2021 20:48:57	1	0	208	171	065:09:52.20 N	095:59:53.39 W
Summer	C-GZRN	9689	DEPARTURE	07/06/2021 20:50:41	2	63	296	145	065:09:38.99 N	096:00:03.00 W
Summer	C-GZRN	9689	ARRIVAL	07/06/2021 20:52:45	2	0	181	211	065:08:54.59 N	095:58:58.80 W
Summer	C-GZRN	9689	DEPARTURE	07/06/2021 20:54:36	3	44	258	221	065:08:46.79 N	095:59:29.39 W
Summer	C-GZRN	9689	SCHED	07/06/2021 20:57:45	2	109	365	183	065:04:16.79 N	096:02:25.79 W
Summer	C-GZRN	9689	SCHED	07/06/2021 21:00:50	3	0	139	226	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9689	XML_FLIGHT_SUMMARY	07/06/2021 22:55:44	0	0	0	0		
Summer	C-GZRN	9690	POWER_ON	07/06/2021 22:55:43	NA	NA	NA	NA		
Summer	C-GZRN	9690	SCHED	07/06/2021 22:56:23	1	0	138	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9690	DEPARTURE	07/06/2021 22:56:58	1	64	248	192	065:01:14.99 N	096:04:41.39 W
Summer	C-GZRN	9690	SCHED	07/06/2021 23:00:11	2	112	523	188	064:56:03.59 N	096:06:02.99 W
Summer	C-GZRN	9690	SCHED	07/06/2021 23:03:18	3	117	505	189	064:50:01.79 N	096:08:16.20 W
Summer	C-GZRN	9690	SCHED	07/06/2021 23:06:24	4	110	425	199	064:44:20.40 N	096:11:50.40 W
Summer	C-GZRN	9690	SCHED	07/06/2021 23:09:30	5	90	308	170	064:39:10.80 N	096:16:16.79 W
Summer	C-GZRN	9690	ARRIVAL	07/06/2021 23:11:56	1	0	70	73	064:38:53.40 N	096:17:08.99 W
Summer	C-GZRN	9690	XML_FLIGHT_SUMMARY	07/06/2021 23:11:57	0	0	0	0		
Summer	C-GZRN	9690	SCHED	07/06/2021 23:17:02	6	0	71	73	064:38:53.40 N	096:17:08.99 W
Summer	C-GZRN	9691	DEPARTURE	07/06/2021 23:21:10	2	61	181	2	064:39:11.39 N	096:17:09.59 W
Summer	C-GZRN	9691	SCHED	07/06/2021 23:24:16	7	109	645	14	064:43:58.80 N	096:15:49.79 W
Summer	C-GZRN	9691	SCHED	07/06/2021 23:27:30	8	111	694	15	064:49:36.60 N	096:12:22.80 W
Summer	C-GZRN	9691	SCHED	07/06/2021 23:30:39	9	115	736	19	064:55:24.60 N	096:08:14.39 W
Summer	C-GZRN	9691	SCHED	07/06/2021 23:33:52	10	81	378	17	065:00:31.20 N	096:03:19.79 W
Summer	C-GZRN	9691	ARRIVAL	07/06/2021 23:36:24	2	0	145	227	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9691	XML_FLIGHT_SUMMARY	07/06/2021 23:36:25	0	0	0	0		
Summer	C-GZRN	9691	SCHED	07/06/2021 23:41:35	11	0	145	227	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9692	POWER_ON	07/07/2021 00:04:08	NA	NA	NA	NA		
Summer	C-GZRN	9692	SCHED	07/07/2021 00:04:39	1	0	148	0	065:01:24.59 N	096:04:13.79 W
Summer	C-GZRN	9692	POWER_ON	07/07/2021 10:02:54	NA	NA	NA	NA		
Summer	C-GZRN	9692	SCHED	07/07/2021 10:03:34	1	0	144	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9692	DEPARTURE	07/07/2021 10:05:25	1	75	250	187	065:01:10.79 N	096:04:48.00 W
Summer	C-GZRN	9692	SCHED	07/07/2021 10:08:31	2	124	415	198	064:55:15.00 N	096:07:43.19 W
Summer	C-GZRN	9692	SCHED	07/07/2021 10:11:38	3	141	392	191	064:48:36.00 N	096:11:11.99 W
Summer	C-GZRN	9692	SCHED	07/07/2021 10:14:48	4	134	343	193	064:41:45.59 N	096:15:08.99 W
Summer	C-GZRN	9692	ARRIVAL	07/07/2021 10:17:47	1	0	79	101	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9692	XML_FLIGHT_SUMMARY	07/07/2021 10:17:48	0	0	0	0		
Summer	C-GZRN	9692	SCHED	07/07/2021 10:22:52	5	0	78	101	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9693	DEPARTURE	07/07/2021 10:27:24	2	69	140	13	064:39:13.80 N	096:17:03.60 W
Summer	C-GZRN	9693	SCHED	07/07/2021 10:30:29	6	96	294	11	064:43:46.19 N	096:14:58.20 W
Summer	C-GZRN	9693	SCHED	07/07/2021 10:33:40	7	100	272	11	064:48:41.99 N	096:12:10.20 W
Summer	C-GZRN	9693	SCHED	07/07/2021 10:36:45	8	99	295	16	064:53:42.60 N	096:09:26.99 W
Summer	C-GZRN	9693	SCHED	07/07/2021 10:39:50	9	102	226	18	064:58:43.79 N	096:06:15.00 W
Summer	C-GZRN	9693	SCHED	07/07/2021 10:42:56	10	0	138	215	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9693	ARRIVAL	07/07/2021 10:43:18	2	0	138	215	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9693	XML_FLIGHT_SUMMARY	07/07/2021 10:43:19	0	0	0	0		
Summer	C-GZRN	9694	DEPARTURE	07/07/2021 10:44:36	3	70	188	293	065:01:28.20 N	096:05:00.60 W
Summer	C-GZRN	9694	SCHED	07/07/2021 10:47:46	11	6	144	215	065:01:27.60 N	096:04:16.79 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9694	ARRIVAL	07/07/2021 10:48:34	3	0	136	213	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9694	POWER_ON	07/07/2021 14:17:34	NA	NA	NA	NA		
Summer	C-GZRN	9694	SCHED	07/07/2021 14:18:13	1	0	0	0	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9694	DEPARTURE	07/07/2021 14:19:20	1	55	208	343	065:01:38.39 N	096:04:39.60 W
Summer	C-GZRN	9694	SCHED	07/07/2021 14:22:26	2	97	483	4	065:06:03.59 N	096:04:38.39 W
Summer	C-GZRN	9694	SCHED	07/07/2021 14:25:32	3	96	501	8	065:10:58.20 N	096:03:49.19 W
Summer	C-GZRN	9694	SCHED	07/07/2021 14:28:38	4	70	281	97	065:13:01.19 N	096:00:51.60 W
Summer	C-GZRN	9694	ARRIVAL	07/07/2021 14:30:41	1	0	199	330	065:13:02.39 N	096:00:58.19 W
Summer	C-GZRN	9694	XML_FLIGHT_SUMMARY	07/07/2021 14:30:42	0	0	0	0		
Summer	C-GZRN	9695	DEPARTURE	07/07/2021 14:32:31	2	83	291	125	065:13:10.80 N	096:00:27.60 W
Summer	C-GZRN	9695	ARRIVAL	07/07/2021 14:35:00	2	0	185	341	065:12:35.40 N	096:01:43.20 W
Summer	C-GZRN	9695	POWER_ON	07/07/2021 20:50:25	NA	NA	NA	NA		
Summer	C-GZRN	9695	POWER_ON	07/07/2021 20:52:42	NA	NA	NA	NA		
Summer	C-GZRN	9695	SCHED	07/07/2021 20:53:16	1	0	185	0	065:12:35.40 N	096:01:43.20 W
Summer	C-GZRN	9695	DEPARTURE	07/07/2021 20:54:04	1	79	257	159	065:12:37.20 N	096:01:13.20 W
Summer	C-GZRN	9695	SCHED	07/07/2021 20:57:09	2	0	178	3	065:12:20.99 N	096:02:37.80 W
Summer	C-GZRN	9695	ARRIVAL	07/07/2021 20:57:36	1	0	178	3	065:12:20.99 N	096:02:37.80 W
Summer	C-GZRN	9695	DEPARTURE	07/07/2021 21:02:30	2	60	254	292	065:12:43.20 N	096:03:23.40 W
Summer	C-GZRN	9695	SCHED	07/07/2021 21:05:35	3	133	518	181	065:06:59.99 N	096:04:29.39 W
Summer	C-GZRN	9695	SCHED	07/07/2021 21:08:42	4	29	178	275	065:01:25.20 N	096:04:00.60 W
Summer	C-GZRN	9695	ARRIVAL	07/07/2021 21:10:16	2	0	142	225	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9695	XML_FLIGHT_SUMMARY	07/07/2021 21:10:17	0	0	0	0		
Summer	C-GZRN	9696	POWER_ON	07/07/2021 23:06:38	NA	NA	NA	NA		
Summer	C-GZRN	9696	DEPARTURE	07/07/2021 23:08:04	1	57	226	300	065:01:35.40 N	096:04:38.39 W
Summer	C-GZRN	9696	SCHED	07/07/2021 23:08:21	1	98	446	189	065:00:54.00 N	096:05:41.99 W
Summer	C-GZRN	9696	SCHED	07/07/2021 23:11:30	2	134	607	194	064:54:30.60 N	096:09:07.19 W
Summer	C-GZRN	9696	SCHED	07/07/2021 23:14:36	3	134	549	190	064:47:35.39 N	096:12:29.39 W
Summer	C-GZRN	9696	SCHED	07/07/2021 23:17:41	4	134	415	195	064:40:43.20 N	096:15:39.59 W
Summer	C-GZRN	9696	ARRIVAL	07/07/2021 23:20:22	1	0	82	19	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9696	XML_FLIGHT_SUMMARY	07/07/2021 23:20:23	0	0	0	0		
Summer	C-GZRN	9696	SCHED	07/07/2021 23:25:27	5	0	83	19	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9696	SCHED	07/07/2021 23:30:34	6	0	84	19	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9697	DEPARTURE	07/07/2021 23:31:06	2	57	170	28	064:39:09.59 N	096:16:58.80 W
Summer	C-GZRN	9697	SCHED	07/07/2021 23:34:15	7	98	435	15	064:43:29.99 N	096:14:22.80 W
Summer	C-GZRN	9697	SCHED	07/07/2021 23:37:21	8	96	421	16	064:48:31.19 N	096:11:22.19 W
Summer	C-GZRN	9697	SCHED	07/07/2021 23:40:28	9	96	451	13	064:53:15.59 N	096:08:23.99 W
Summer	C-GZRN	9697	SCHED	07/07/2021 23:43:33	10	98	458	9	064:58:10.19 N	096:05:55.20 W
Summer	C-GZRN	9697	SCHED	07/07/2021 23:46:38	11	0	147	60	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9697	XML_FLIGHT_SUMMARY	07/08/2021 11:15:13	0	0	0	0		
Summer	C-GZRN	9698	POWER_ON	07/08/2021 11:15:12	NA	NA	NA	NA		
Summer	C-GZRN	9698	SCHED	07/08/2021 11:15:49	1	0	0	0	065:01:27.60 N	096:04:18.59 W
Summer	C-GZRN	9698	DEPARTURE	07/08/2021 11:17:19	1	57	219	301	065:01:38.39 N	096:04:49.19 W
Summer	C-GZRN	9698	SCHED	07/08/2021 11:20:25	2	125	613	194	064:56:46.20 N	096:07:55.79 W
Summer	C-GZRN	9698	SCHED	07/08/2021 11:23:30	3	126	650	191	064:50:33.60 N	096:11:30.60 W
Summer	C-GZRN	9698	SCHED	07/08/2021 11:26:35	4	129	594	188	064:44:11.40 N	096:14:18.00 W
Summer	C-GZRN	9698	SCHED	07/08/2021 11:29:41	5	46	131	316	064:38:43.20 N	096:17:03.00 W
Summer	C-GZRN	9698	ARRIVAL	07/08/2021 11:31:24	1	0	69	88	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9698	XML_FLIGHT_SUMMARY	07/08/2021 11:31:25	0	0	0	0		
Summer	C-GZRN	9698	SCHED	07/08/2021 11:36:37	6	0	69	88	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9698	SCHED	07/08/2021 11:41:42	7	0	69	88	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9699	DEPARTURE	07/08/2021 11:43:14	2	74	130	23	064:39:12.59 N	096:17:02.39 W
Summer	C-GZRN	9699	SCHED	07/08/2021 11:46:23	8	110	619	13	064:43:35.40 N	096:14:26.99 W
Summer	C-GZRN	9699	SCHED	07/08/2021 11:49:33	9	107	496	13	064:49:10.79 N	096:11:49.19 W
Summer	C-GZRN	9699	SCHED	07/08/2021 11:52:43	10	111	392	15	064:54:46.79 N	096:08:26.39 W
Summer	C-GZRN	9699	SCHED	07/08/2021 11:55:48	11	100	344	11	065:00:17.40 N	096:05:23.39 W
Summer	C-GZRN	9699	ARRIVAL	07/08/2021 11:57:52	2	0	130	55	065:01:27.00 N	096:04:18.59 W
Summer	C-GZRN	9699	XML_FLIGHT_SUMMARY	07/08/2021 11:57:53	0	0	0	0		
Summer	C-GZRN	9700	POWER_ON	07/08/2021 14:00:17	NA	NA	NA	NA		
Summer	C-GZRN	9700	SCHED	07/08/2021 14:00:54	1	0	0	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GZRN	9700	DEPARTURE	07/08/2021 14:02:28	1	71	264	326	065:01:46.80 N	096:05:01.79 W
Summer	C-GZRN	9700	SCHED	07/08/2021 14:05:38	2	111	466	23	065:07:50.40 N	096:01:12.60 W
Summer	C-GZRN	9700	SCHED	07/08/2021 14:08:59	3	6	220	310	065:10:06.59 N	095:58:37.19 W
Summer	C-GZRN	9700	ARRIVAL	07/08/2021 14:10:03	1	0	214	55	065:10:07.80 N	095:58:36.59 W
Summer	C-GZRN	9700	XML_FLIGHT_SUMMARY	07/08/2021 14:10:04	0	0	0	0		
Summer	C-GZRN	9701	DEPARTURE	07/08/2021 14:11:58	2	61	280	37	065:10:21.60 N	095:58:39.00 W
Summer	C-GZRN	9701	SCHED	07/08/2021 14:15:08	4	9	258	30	065:10:41.40 N	095:57:06.00 W
Summer	C-GZRN	9701	ARRIVAL	07/08/2021 14:16:26	2	0	246	315	065:10:42.60 N	095:57:05.40 W
Summer	C-GZRN	9701	POWER_ON	07/08/2021 19:53:32	NA	NA	NA	NA		
Summer	C-GZRN	9701	SCHED	07/08/2021 19:54:06	1	0	0	0	065:10:42.60 N	095:57:05.40 W
Summer	C-GZRN	9701	DEPARTURE	07/08/2021 19:54:50	1	60	337	41	065:10:57.59 N	095:57:10.20 W
Summer	C-GZRN	9701	ARRIVAL	07/08/2021 19:57:58	1	0	198	315	065:10:06.59 N	095:58:28.79 W
Summer	C-GZRN	9701	DEPARTURE	07/08/2021 19:59:04	2	62	290	321	065:10:20.39 N	095:58:59.39 W
Summer	C-GZRN	9701	SCHED	07/08/2021 20:02:12	2	114	421	182	065:05:30.00 N	096:02:22.80 W
Summer	C-GZRN	9701	SCHED	07/08/2021 20:05:18	3	1	144	254	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9701	XML_FLIGHT_SUMMARY	07/08/2021 23:05:23	0	0	0	0		
Summer	C-GZRN	9702	POWER_ON	07/08/2021 23:05:22	NA	NA	NA	NA		
Summer	C-GZRN	9702	SCHED	07/08/2021 23:06:03	1	0	0	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9702	DEPARTURE	07/08/2021 23:06:29	1	62	223	298	065:01:35.40 N	096:04:38.99 W
Summer	C-GZRN	9702	SCHED	07/08/2021 23:09:37	2	121	621	193	064:56:42.60 N	096:07:51.59 W
Summer	C-GZRN	9702	SCHED	07/08/2021 23:12:43	3	124	582	193	064:50:26.39 N	096:11:06.00 W
Summer	C-GZRN	9702	SCHED	07/08/2021 23:15:59	4	119	645	195	064:44:22.80 N	096:14:29.39 W
Summer	C-GZRN	9702	SCHED	07/08/2021 23:19:11	5	66	178	247	064:38:38.99 N	096:16:40.20 W
Summer	C-GZRN	9702	ARRIVAL	07/08/2021 23:20:44	1	0	82	15	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9702	XML_FLIGHT_SUMMARY	07/08/2021 23:20:45	0	0	0	0		
Summer	C-GZRN	9702	SCHED	07/08/2021 23:25:50	6	0	83	15	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9702	SCHED	07/08/2021 23:30:55	7	0	83	15	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9703	DEPARTURE	07/08/2021 23:33:06	2	62	144	39	064:39:10.20 N	096:17:01.79 W
Summer	C-GZRN	9703	SCHED	07/08/2021 23:36:11	8	103	528	10	064:43:45.00 N	096:14:18.60 W
Summer	C-GZRN	9703	SCHED	07/08/2021 23:39:19	9	106	509	14	064:49:07.20 N	096:11:31.79 W
Summer	C-GZRN	9703	SCHED	07/08/2021 23:42:25	10	107	508	13	064:54:34.79 N	096:08:15.59 W
Summer	C-GZRN	9703	SCHED	07/08/2021 23:45:30	11	96	445	13	064:59:49.80 N	096:05:19.19 W
Summer	C-GZRN	9703	ARRIVAL	07/08/2021 23:48:16	2	0	145	84	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9703	XML_FLIGHT_SUMMARY	07/08/2021 23:48:17	0	0	0	0		
Summer	C-GZRN	9704	POWER_ON	07/09/2021 11:08:14	NA	NA	NA	NA		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9704	SCHED	07/09/2021 11:08:48	1	0	152	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9704	POWER_ON	07/09/2021 12:28:54	NA	NA	NA	NA		
Summer	C-GZRN	9704	SCHED	07/09/2021 12:29:33	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9704	POWER_ON	07/09/2021 12:40:12	NA	NA	NA	NA		
Summer	C-GZRN	9704	SCHED	07/09/2021 12:40:49	1	0	150	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9704	POWER_ON	07/09/2021 14:30:14	NA	NA	NA	NA		
Summer	C-GZRN	9704	SCHED	07/09/2021 14:30:58	1	0	144	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9704	DEPARTURE	07/09/2021 14:32:07	1	50	225	126	065:01:21.60 N	096:03:44.39 W
Summer	C-GZRN	9704	SCHED	07/09/2021 14:35:15	2	119	602	344	065:04:43.19 N	096:07:09.00 W
Summer	C-GZRN	9704	SCHED	07/09/2021 14:38:21	3	123	556	339	065:10:30.60 N	096:12:04.19 W
Summer	C-GZRN	9704	SCHED	07/09/2021 14:41:26	4	118	540	344	065:16:16.79 N	096:16:59.40 W
Summer	C-GZRN	9704	SCHED	07/09/2021 14:44:38	5	121	559	348	065:22:10.20 N	096:21:18.59 W
Summer	C-GZRN	9704	SCHED	07/09/2021 14:47:45	6	79	436	199	065:26:08.39 N	096:21:00.00 W
Summer	C-GZRN	9704	ARRIVAL	07/09/2021 14:50:18	1	0	196	143	065:26:17.39 N	096:20:56.99 W
Summer	C-GZRN	9704	XML_FLIGHT_SUMMARY	07/09/2021 14:50:19	0	0	0	0		
Summer	C-GZRN	9705	DEPARTURE	07/09/2021 14:52:08	2	63	284	218	065:26:03.59 N	096:21:13.20 W
Summer	C-GZRN	9705	POWER_ON	07/09/2021 16:59:46	NA	NA	NA	NA		
Summer	C-GZRN	9705	SCHED	07/09/2021 17:00:20	1	0	0	0	065:25:17.39 N	096:22:09.59 W
Summer	C-GZRN	9705	POWER_ON	07/09/2021 20:27:10	NA	NA	NA	NA		
Summer	C-GZRN	9705	SCHED	07/09/2021 20:27:48	1	0	0	0	065:25:17.39 N	096:22:09.59 W
Summer	C-GZRN	9705	POWER_ON	07/09/2021 20:41:12	NA	NA	NA	NA		
Summer	C-GZRN	9705	SCHED	07/09/2021 20:42:02	1	0	216	0	065:25:17.39 N	096:22:10.20 W
Summer	C-GZRN	9705	DEPARTURE	07/09/2021 20:42:28	1	72	303	57	065:25:29.40 N	096:22:18.59 W
Summer	C-GZRN	9705	ARRIVAL	07/09/2021 20:44:55	1	0	186	297	065:24:41.99 N	096:21:08.40 W
Summer	C-GZRN	9705	DEPARTURE	07/09/2021 20:46:26	2	66	270	15	065:24:59.39 N	096:21:02.99 W
Summer	C-GZRN	9705	ARRIVAL	07/09/2021 20:48:48	2	0	200	272	065:25:50.40 N	096:20:19.19 W
Summer	C-GZRN	9705	DEPARTURE	07/09/2021 20:49:58	3	53	288	280	065:25:55.20 N	096:20:56.40 W
Summer	C-GZRN	9705	SCHED	07/09/2021 20:53:04	2	113	752	163	065:21:45.60 N	096:18:48.60 W
Summer	C-GZRN	9705	SCHED	07/09/2021 20:56:10	3	113	771	163	065:16:19.79 N	096:15:05.39 W
Summer	C-GZRN	9705	SCHED	07/09/2021 20:59:19	4	114	695	160	065:10:46.79 N	096:10:43.79 W
Summer	C-GZRN	9705	SCHED	07/09/2021 21:02:32	5	123	547	163	065:05:02.39 N	096:06:07.19 W
Summer	C-GZRN	9705	SCHED	07/09/2021 21:05:41	6	0	140	250	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9705	XML_FLIGHT_SUMMARY	07/09/2021 21:35:25	0	0	0	0		
Summer	C-GZRN	9706	POWER_ON	07/09/2021 21:35:24	NA	NA	NA	NA		
Summer	C-GZRN	9706	SCHED	07/09/2021 22:58:50	1	0	139	0	065:01:24.59 N	096:04:14.39 W
Summer	C-GZRN	9706	DEPARTURE	07/09/2021 22:59:35	1	58	228	203	065:01:17.99 N	096:04:43.80 W
Summer	C-GZRN	9706	SCHED	07/09/2021 23:02:41	2	110	665	196	064:56:32.40 N	096:07:28.80 W
Summer	C-GZRN	9706	SCHED	07/09/2021 23:05:46	3	114	684	198	064:51:01.20 N	096:11:04.79 W
Summer	C-GZRN	9706	SCHED	07/09/2021 23:08:57	4	113	641	191	064:45:16.79 N	096:14:34.79 W
Summer	C-GZRN	9706	SCHED	07/09/2021 23:12:03	5	79	243	190	064:39:52.79 N	096:16:47.39 W
Summer	C-GZRN	9706	ARRIVAL	07/09/2021 23:14:37	1	0	83	181	064:38:55.20 N	096:17:09.59 W
Summer	C-GZRN	9706	XML_FLIGHT_SUMMARY	07/09/2021 23:14:38	0	0	0	0		
Summer	C-GZRN	9706	SCHED	07/09/2021 23:19:43	6	0	83	181	064:38:55.20 N	096:17:09.59 W
Summer	C-GZRN	9707	DEPARTURE	07/09/2021 23:24:35	2	58	172	152	064:38:39.60 N	096:17:11.40 W
Summer	C-GZRN	9707	SCHED	07/09/2021 23:27:40	7	116	689	13	064:43:13.19 N	096:14:02.39 W
Summer	C-GZRN	9707	SCHED	07/09/2021 23:30:48	8	117	668	13	064:49:10.79 N	096:10:53.40 W
Summer	C-GZRN	9707	SCHED	07/09/2021 23:33:53	9	119	611	15	064:55:07.19 N	096:07:47.39 W
Summer	C-GZRN	9707	SCHED	07/09/2021 23:36:59	10	92	349	27	065:00:33.59 N	096:03:13.20 W
Summer	C-GZRN	9707	XML_FLIGHT_SUMMARY	07/10/2021 13:53:51	0	0	0	0		
Summer	C-GZRN	9708	POWER_ON	07/10/2021 13:53:50	NA	NA	NA	NA		
Summer	C-GZRN	9708	SCHED	07/10/2021 13:54:16	1	0	0	0	065:01:26.40 N	096:04:16.79 W
Summer	C-GZRN	9708	DEPARTURE	07/10/2021 13:55:59	1	67	213	290	065:01:37.80 N	096:04:49.19 W
Summer	C-GZRN	9708	SCHED	07/10/2021 13:59:08	2	108	521	195	064:56:53.39 N	096:07:46.19 W
Summer	C-GZRN	9708	SCHED	07/10/2021 14:02:19	3	111	433	195	064:51:19.80 N	096:11:00.00 W
Summer	C-GZRN	9708	SCHED	07/10/2021 14:05:27	4	112	440	191	064:45:43.20 N	096:13:48.59 W
Summer	C-GZRN	9708	SCHED	07/10/2021 14:08:37	5	105	292	197	064:39:58.79 N	096:16:26.40 W
Summer	C-GZRN	9708	ARRIVAL	07/10/2021 14:10:49	1	0	74	201	064:38:54.59 N	096:17:09.59 W
Summer	C-GZRN	9708	XML_FLIGHT_SUMMARY	07/10/2021 14:10:50	0	0	0	0		
Summer	C-GZRN	9709	DEPARTURE	07/10/2021 14:15:16	2	66	151	97	064:38:41.40 N	096:16:52.80 W
Summer	C-GZRN	9709	SCHED	07/10/2021 14:18:22	6	124	530	13	064:43:45.59 N	096:13:36.00 W
Summer	C-GZRN	9709	SCHED	07/10/2021 14:21:28	7	124	506	12	064:50:02.99 N	096:10:18.60 W
Summer	C-GZRN	9709	SCHED	07/10/2021 14:24:33	8	127	508	13	064:56:24.60 N	096:07:39.59 W
Summer	C-GZRN	9709	SCHED	07/10/2021 14:27:46	9	36	187	186	065:01:32.39 N	096:04:12.60 W
Summer	C-GZRN	9709	XML_FLIGHT_SUMMARY	07/10/2021 14:58:49	0	0	0	0		
Summer	C-GZRN	9710	POWER_ON	07/10/2021 14:58:48	NA	NA	NA	NA		
Summer	C-GZRN	9710	SCHED	07/10/2021 14:59:22	1	0	147	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9710	DEPARTURE	07/10/2021 15:00:31	1	69	238	307	065:01:27.60 N	096:04:55.80 W
Summer	C-GZRN	9710	SCHED	07/10/2021 15:03:38	2	114	647	331	065:05:50.99 N	096:10:46.20 W
Summer	C-GZRN	9710	SCHED	07/10/2021 15:06:43	3	111	636	328	065:11:02.39 N	096:17:32.39 W
Summer	C-GZRN	9710	SCHED	07/10/2021 15:09:51	4	117	678	336	065:16:17.39 N	096:24:01.20 W
Summer	C-GZRN	9710	SCHED	07/10/2021 15:12:59	5	125	660	341	065:22:01.79 N	096:29:31.79 W
Summer	C-GZRN	9710	SCHED	07/10/2021 15:16:05	6	87	437	338	065:27:44.39 N	096:34:18.00 W
Summer	C-GZRN	9710	ARRIVAL	07/10/2021 15:18:29	1	0	171	328	065:27:37.20 N	096:33:43.20 W
Summer	C-GZRN	9710	XML_FLIGHT_SUMMARY	07/10/2021 15:18:30	0	0	0	0		
Summer	C-GZRN	9711	DEPARTURE	07/10/2021 15:20:01	2	51	276	180	065:27:24.60 N	096:34:00.60 W
Summer	C-GZRN	9711	ARRIVAL	07/10/2021 15:23:06	2	0	216	291	065:27:03.00 N	096:32:49.79 W
Summer	C-GZRN	9711	POWER_ON	07/10/2021 20:55:57	NA	NA	NA	NA		
Summer	C-GZRN	9711	SCHED	07/10/2021 20:56:37	1	0	220	0	065:27:03.00 N	096:32:49.79 W
Summer	C-GZRN	9711	DEPARTURE	07/10/2021 20:57:11	1	56	255	177	065:26:45.59 N	096:32:39.59 W
Summer	C-GZRN	9711	ARRIVAL	07/10/2021 20:59:03	1	0	196	227	065:26:24.60 N	096:32:50.39 W
Summer	C-GZRN	9711	DEPARTURE	07/10/2021 21:03:06	2	65	255	304	065:26:34.20 N	096:33:25.79 W
Summer	C-GZRN	9711	ARRIVAL	07/10/2021 21:05:17	2	0	205	209	065:26:56.40 N	096:34:19.19 W
Summer	C-GZRN	9711	DEPARTURE	07/10/2021 21:06:31	3	63	291	152	065:26:40.20 N	096:34:21.59 W
Summer	C-GZRN	9711	SCHED	07/10/2021 21:09:41	2	104	621	154	065:22:28.80 N	096:29:04.79 W
Summer	C-GZRN	9711	SCHED	07/10/2021 21:12:53	3	106	649	154	065:17:28.79 N	096:23:22.80 W
Summer	C-GZRN	9711	SCHED	07/10/2021 21:16:02	4	110	597	151	065:12:22.19 N	096:17:33.00 W
Summer	C-GZRN	9711	SCHED	07/10/2021 21:19:12	5	108	540	154	065:07:14.39 N	096:11:55.20 W
Summer	C-GZRN	9711	SCHED	07/10/2021 21:22:21	6	91	325	152	065:02:21.59 N	096:04:45.00 W
Summer	C-GZRN	9711	XML_FLIGHT_SUMMARY	07/10/2021 23:01:04	0	0	0	0		
Summer	C-GZRN	9712	POWER_ON	07/10/2021 23:01:03	NA	NA	NA	NA		
Summer	C-GZRN	9712	SCHED	07/10/2021 23:01:43	1	0	129	0	065:01:25.20 N	096:04:14.39 W
Summer	C-GZRN	9712	DEPARTURE	07/10/2021 23:02:29	1	54	201	208	065:01:23.40 N	096:04:38.99 W
Summer	C-GZRN	9712	SCHED	07/10/2021 23:05:52	2	99	569	197	064:56:31.19 N	096:07:29.39 W
Summer	C-GZRN	9712	SCHED	07/10/2021 23:08:57	3	101	584	196	064:51:36.60 N	096:10:45.60 W
Summer	C-GZRN	9712	SCHED	07/10/2021 23:12:07	4	98	508	192	064:46:34.79 N	096:13:38.40 W
Summer	C-GZRN	9712	SCHED	07/10/2021 23:15:12	5	97	435	187	064:41:26.99 N	096:15:39.59 W

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9712	SCHED	07/10/2021 23:18:18	6	0	88	185	064:38:46.79 N	096:17:25.79 W
Summer	C-GZRN	9712	ARRIVAL	07/10/2021 23:18:28	1	0	88	185	064:38:46.79 N	096:17:25.79 W
Summer	C-GZRN	9712	XML_FLIGHT_SUMMARY	07/10/2021 23:18:29	0	0	0	0		
Summer	C-GZRN	9712	SCHED	07/10/2021 23:23:33	7	0	89	185	064:38:46.79 N	096:17:25.79 W
Summer	C-GZRN	9713	DEPARTURE	07/10/2021 23:28:19	2	64	171	105	064:38:34.19 N	096:17:19.79 W
Summer	C-GZRN	9713	SCHED	07/10/2021 23:31:26	8	135	533	11	064:44:11.40 N	096:13:58.20 W
Summer	C-GZRN	9713	SCHED	07/10/2021 23:34:35	9	135	551	16	064:50:56.40 N	096:10:09.59 W
Summer	C-GZRN	9713	SCHED	07/10/2021 23:37:42	10	139	580	10	064:57:52.19 N	096:06:41.40 W
Summer	C-GZRN	9713	SCHED	07/10/2021 23:41:03	11	0	148	219	065:01:27.60 N	096:04:19.19 W
Summer	C-GZRN	9713	ARRIVAL	07/10/2021 23:41:14	2	0	148	219	065:01:27.60 N	096:04:19.19 W
Summer	C-GZRN	9713	XML_FLIGHT_SUMMARY	07/10/2021 23:41:15	0	0	0	0		
Summer	C-GZRN	9714	POWER_ON	07/11/2021 11:07:09	NA	NA	NA	NA		
Summer	C-GZRN	9714	SCHED	07/11/2021 11:07:45	1	0	137	0	065:01:27.00 N	096:04:19.19 W
Summer	C-GZRN	9714	DEPARTURE	07/11/2021 11:09:30	1	69	228	185	065:01:11.99 N	096:04:40.80 W
Summer	C-GZRN	9714	SCHED	07/11/2021 11:12:35	2	131	521	196	064:55:12.59 N	096:08:21.60 W
Summer	C-GZRN	9714	SCHED	07/11/2021 11:15:49	3	137	420	195	064:48:28.80 N	096:12:19.19 W
Summer	C-GZRN	9714	SCHED	07/11/2021 11:18:55	4	132	375	188	064:41:21.60 N	096:15:28.79 W
Summer	C-GZRN	9714	ARRIVAL	07/11/2021 11:21:37	1	0	78	343	064:38:44.99 N	096:17:27.00 W
Summer	C-GZRN	9714	XML_FLIGHT_SUMMARY	07/11/2021 11:21:38	0	0	0	0		
Summer	C-GZRN	9714	SCHED	07/11/2021 11:26:42	5	0	80	343	064:38:44.99 N	096:17:27.00 W
Summer	C-GZRN	9715	DEPARTURE	07/11/2021 11:28:56	2	61	156	347	064:38:59.39 N	096:17:40.20 W
Summer	C-GZRN	9715	SCHED	07/11/2021 11:32:01	6	98	510	13	064:43:25.20 N	096:15:13.79 W
Summer	C-GZRN	9715	SCHED	07/11/2021 11:35:12	7	100	475	14	064:48:27.00 N	096:12:15.60 W
Summer	C-GZRN	9715	SCHED	07/11/2021 11:38:17	8	102	457	15	064:53:37.80 N	096:09:15.00 W
Summer	C-GZRN	9715	SCHED	07/11/2021 11:41:23	9	105	463	24	064:58:41.40 N	096:05:19.79 W
Summer	C-GZRN	9715	SCHED	07/11/2021 11:44:30	10	0	131	261	065:01:24.59 N	096:04:15.00 W
Summer	C-GZRN	9715	XML_FLIGHT_SUMMARY	07/11/2021 14:13:23	0	0	0	0		
Summer	C-GZRN	9716	POWER_ON	07/11/2021 14:13:22	NA	NA	NA	NA		
Summer	C-GZRN	9716	SCHED	07/11/2021 14:14:00	1	0	158	0	065:01:25.20 N	096:04:13.79 W
Summer	C-GZRN	9716	DEPARTURE	07/11/2021 14:15:43	1	55	221	322	065:01:36.00 N	096:04:38.39 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:18:52	2	107	623	316	065:04:46.80 N	096:11:44.39 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:22:02	3	112	614	316	065:08:52.20 N	096:21:06.00 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:25:11	4	105	626	316	065:13:00.59 N	096:30:31.79 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:28:22	5	107	623	317	065:17:11.99 N	096:39:33.00 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:31:28	6	106	587	318	065:21:27.00 N	096:48:38.39 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:34:33	7	110	513	330	065:25:56.40 N	096:56:25.80 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:37:44	8	62	245	50	065:27:29.99 N	096:58:12.60 W
Summer	C-GZRN	9716	SCHED	07/11/2021 14:40:54	9	0	211	267	065:27:28.80 N	096:59:04.19 W
Summer	C-GZRN	9716	ARRIVAL	07/11/2021 14:41:02	1	0	211	267	065:27:28.80 N	096:59:04.19 W
Summer	C-GZRN	9716	XML_FLIGHT_SUMMARY	07/11/2021 14:41:03	0	0	0	0		
Summer	C-GZRN	9717	DEPARTURE	07/11/2021 14:42:49	2	80	274	140	065:27:14.39 N	096:58:43.20 W
Summer	C-GZRN	9717	SCHED	07/11/2021 14:45:54	10	1	221	332	065:26:46.79 N	096:58:58.80 W
Summer	C-GZRN	9717	POWER_ON	07/11/2021 20:15:03	NA	NA	NA	NA		
Summer	C-GZRN	9717	SCHED	07/11/2021 20:15:42	1	0	181	0	065:26:45.59 N	096:58:58.20 W
Summer	C-GZRN	9717	DEPARTURE	07/11/2021 20:16:52	1	64	267	85	065:26:58.80 N	096:58:42.60 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:19:58	2	0	184	45	065:26:50.40 N	096:58:00.00 W
Summer	C-GZRN	9717	ARRIVAL	07/11/2021 20:20:22	1	0	184	45	065:26:50.40 N	096:58:00.00 W
Summer	C-GZRN	9717	DEPARTURE	07/11/2021 20:23:04	2	58	268	347	065:27:05.99 N	096:58:16.79 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:26:13	3	113	943	140	065:24:24.00 N	096:51:30.60 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:29:22	4	123	974	137	065:19:43.80 N	096:41:25.20 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:32:28	5	122	916	138	065:14:55.80 N	096:31:03.00 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:35:33	6	123	845	144	065:10:02.39 N	096:21:12.60 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:38:44	7	123	550	136	065:05:16.19 N	096:11:26.40 W
Summer	C-GZRN	9717	SCHED	07/11/2021 20:41:53	8	15	153	72	065:01:26.40 N	096:04:19.79 W
Summer	C-GZRN	9717	XML_FLIGHT_SUMMARY	07/11/2021 23:16:54	0	0	0	0		
Summer	C-GZRN	9718	POWER_ON	07/11/2021 23:16:53	NA	NA	NA	NA		
Summer	C-GZRN	9718	SCHED	07/11/2021 23:17:36	1	0	154	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9718	DEPARTURE	07/11/2021 23:18:01	1	69	261	258	065:01:36.00 N	096:04:42.60 W
Summer	C-GZRN	9718	SCHED	07/11/2021 23:21:11	2	136	447	196	064:55:39.59 N	096:08:46.20 W
Summer	C-GZRN	9718	SCHED	07/11/2021 23:24:23	3	125	423	194	064:49:05.99 N	096:12:40.20 W
Summer	C-GZRN	9718	SCHED	07/11/2021 23:27:29	4	133	395	195	064:42:24.60 N	096:16:11.40 W
Summer	C-GZRN	9718	SCHED	07/11/2021 23:30:41	5	0	92	59	064:38:44.99 N	096:17:27.00 W
Summer	C-GZRN	9718	ARRIVAL	07/11/2021 23:31:13	1	0	92	59	064:38:44.99 N	096:17:27.00 W
Summer	C-GZRN	9718	XML_FLIGHT_SUMMARY	07/11/2021 23:31:14	0	0	0	0		
Summer	C-GZRN	9718	SCHED	07/11/2021 23:36:18	6	0	92	59	064:38:44.99 N	096:17:27.00 W
Summer	C-GZRN	9719	DEPARTURE	07/11/2021 23:37:38	2	52	179	20	064:39:00.59 N	096:17:13.79 W
Summer	C-GZRN	9719	SCHED	07/11/2021 23:40:43	7	103	476	16	064:43:31.79 N	096:14:37.19 W
Summer	C-GZRN	9719	SCHED	07/11/2021 23:43:50	8	108	541	14	064:48:44.39 N	096:11:16.79 W
Summer	C-GZRN	9719	SCHED	07/11/2021 23:46:56	9	99	464	13	064:54:01.79 N	096:08:17.39 W
Summer	C-GZRN	9719	SCHED	07/11/2021 23:50:01	10	101	415	12	064:59:03.00 N	096:05:45.00 W
Summer	C-GZRN	9719	XML_FLIGHT_SUMMARY	07/12/2021 00:11:57	0	0	0	0		
Summer	C-GZRN	9720	POWER_ON	07/12/2021 00:11:56	NA	NA	NA	NA		
Summer	C-GZRN	9720	DEPARTURE	07/12/2021 00:12:50	1	66	210	274	065:01:36.00 N	096:04:32.39 W
Summer	C-GZRN	9720	SCHED	07/12/2021 00:13:02	1	72	216	216	065:01:32.39 N	096:04:51.60 W
Summer	C-GZRN	9720	POWER_ON	07/12/2021 11:10:18	NA	NA	NA	NA		
Summer	C-GZRN	9720	SCHED	07/12/2021 11:10:59	1	0	0	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9720	DEPARTURE	07/12/2021 11:13:33	1	75	215	261	065:01:37.80 N	096:04:37.80 W
Summer	C-GZRN	9720	SCHED	07/12/2021 11:16:38	2	127	291	194	064:55:39.59 N	096:07:47.99 W
Summer	C-GZRN	9720	SCHED	07/12/2021 11:19:44	3	95	230	138	064:51:31.19 N	096:12:16.79 W
Summer	C-GZRN	9720	SCHED	07/12/2021 11:22:55	4	118	221	187	064:46:24.59 N	096:14:26.40 W
Summer	C-GZRN	9720	SCHED	07/12/2021 11:26:01	5	116	223	201	064:39:53.39 N	096:16:10.80 W
Summer	C-GZRN	9720	ARRIVAL	07/12/2021 11:28:23	1	0	83	31	064:38:44.40 N	096:17:27.60 W
Summer	C-GZRN	9720	XML_FLIGHT_SUMMARY	07/12/2021 11:28:24	0	0	0	0		
Summer	C-GZRN	9720	SCHED	07/12/2021 11:33:34	6	0	83	31	064:38:44.40 N	096:17:27.60 W
Summer	C-GZRN	9720	SCHED	07/12/2021 11:38:43	7	54	124	29	064:38:58.20 N	096:17:12.60 W
Summer	C-GZRN	9721	DEPARTURE	07/12/2021 11:38:52	2	55	127	28	064:38:58.79 N	096:17:11.99 W
Summer	C-GZRN	9721	SCHED	07/12/2021 11:42:02	8	72	176	21	064:42:41.40 N	096:15:55.80 W
Summer	C-GZRN	9721	SCHED	07/12/2021 11:45:08	9	71	193	17	064:46:18.59 N	096:13:13.80 W
Summer	C-GZRN	9721	SCHED	07/12/2021 11:48:15	10	74	186	14	064:50:01.79 N	096:12:48.00 W
Summer	C-GZRN	9721	SCHED	07/12/2021 11:51:20	11	77	202	15	064:53:37.19 N	096:10:12.59 W
Summer	C-GZRN	9721	SCHED	07/12/2021 11:54:26	12	74	231	19	064:57:13.80 N	096:07:25.20 W
Summer	C-GZRN	9721	SCHED	07/12/2021 11:57:37	13	58	216	8	065:01:05.40 N	096:04:43.80 W
Summer	C-GZRN	9721	ARRIVAL	07/12/2021 11:59:11	2	0	138	14	065:01:27.00 N	096:04:17.39 W
Summer	C-GZRN	9721	XML_FLIGHT_SUMMARY	07/12/2021 11:59:12	0	0	0	0		

Table 4
Track Data (2021)

Season	Sign	TripNumber	MessageType	MessageTime	MessageCount	Speed	Altitude	Course	Latitude	Longitude
Summer	C-GZRN	9722	POWER_ON	07/12/2021 23:08:18	NA	NA	NA	NA		
Summer	C-GZRN	9722	SCHED	07/12/2021 23:09:22	1	0	152	0	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9722	DEPARTURE	07/12/2021 23:09:59	1	52	242	305	065:01:37.19 N	096:04:41.99 W
Summer	C-GZRN	9722	SCHED	07/12/2021 23:13:06	2	136	645	192	064:56:11.39 N	096:07:40.20 W
Summer	C-GZRN	9722	SCHED	07/12/2021 23:16:15	3	141	645	192	064:49:16.20 N	096:11:30.60 W
Summer	C-GZRN	9722	SCHED	07/12/2021 23:19:29	4	142	577	193	064:42:07.80 N	096:15:19.79 W
Summer	C-GZRN	9722	SCHED	07/12/2021 23:22:34	5	0	88	35	064:38:44.40 N	096:17:27.00 W
Summer	C-GZRN	9722	ARRIVAL	07/12/2021 23:22:55	1	0	88	35	064:38:44.40 N	096:17:27.00 W
Summer	C-GZRN	9722	XML_FLIGHT_SUMMARY	07/12/2021 23:22:56	0	0	0	0		
Summer	C-GZRN	9722	SCHED	07/12/2021 23:28:07	6	0	89	35	064:38:44.40 N	096:17:27.00 W
Summer	C-GZRN	9723	DEPARTURE	07/12/2021 23:32:08	2	55	169	38	064:38:58.20 N	096:17:08.99 W
Summer	C-GZRN	9723	SCHED	07/12/2021 23:35:17	7	98	455	12	064:43:07.80 N	096:14:45.59 W
Summer	C-GZRN	9723	SCHED	07/12/2021 23:38:27	8	97	459	16	064:48:05.40 N	096:11:51.59 W
Summer	C-GZRN	9723	SCHED	07/12/2021 23:41:36	9	99	453	14	064:53:06.59 N	096:08:57.00 W
Summer	C-GZRN	9723	SCHED	07/12/2021 23:44:47	10	101	444	14	064:58:11.39 N	096:06:27.59 W
Summer	C-GZRN	9723	SCHED	07/12/2021 23:47:56	11	3	145	122	065:01:27.00 N	096:04:16.79 W
Summer	C-GZRN	9723	XML_FLIGHT_SUMMARY	07/13/2021 12:42:24	0	0	0	0		

APPENDIX F

Caribou Migration Timing Analysis

TECHNICAL MEMORANDUM

DATE August 30, 2021

Project No. 19134270-515-TM-Rev2

TO Alexandre Lavallee
Agnico Eagle Mines Limited

CC Charity Beres

FROM Meghan Beale, Dan Coulton, Corey De La Mare

EMAIL Daniel_Couton@golder.com

CARIBOU MIGRATION TIMING WITH THE WHALE TAIL HAUL ROAD AND ALL-WEATHER ACCESS ROAD

1.0 INTRODUCTION

Studies completed to support the environmental assessment of the Whale Tail Project demonstrated that the Lorillard caribou herd has the greatest potential to interact with the Meadowbank Mine (Mine), the Whale Tail Haul Road (WTHR) and the All-weather Access Road (AWAR) during spring and fall seasons (Golder 2017; Figure 1). The Government of Nunavut has defined seasonal migrations as occurring from April 5 to May 28 for spring and September 22 to December 15 for fall (Caslys 2015). The Mine implements a Terrestrial Ecosystem Management Plan (TEMP) to protect caribou from Mine-related effects including safe passage across the WTHR and AWAR. The road-related mitigation of the TEMP includes use of partial and full road closures and convoys. The WTHR and AWAR closure mitigation is currently triggered by exceedance of a caribou group size threshold (GST), which requires caribou group size observations to assess against the threshold.

The initial spring GST value of 12 in the TEMP (Agnico Eagle 2019) was static and was based on historical monitoring data collected only along the AWAR. The spring GST value(s) was updated to 60 for the Haul Road and 45 for the AWAR based on analyses completed by the Government of Nunavut and reviewed with the Mine's Terrestrial Advisory Group (TAG) on March 16, 2021. The GST for fall is 112 for both the Haul Road and AWAR. Temporal analysis of longer-term monitoring data show that caribou groups sizes vary within and among years as might be expected (EDI 2019; Golder 2020). As discussed with the TAG previously, the approved Project Description, including stockpile size, was designed around a total of 18 days of road closure for caribou annually. The low and static GST value coupled with variability in caribou group sizes triggered 60 days of road closures in 2019. Variable caribou group sizes also make predictions of road closures uncertain and reactive. As a result, the GST approach generally makes planning resupply to the stock-pile and mill during WTHR and AWAR closures a difficult Mine operational constraint to manage. Without resupply, the stockpile at the Mine site supplies the mill for about 15 days.

The TAG and Mine are currently evaluating alternate ways to maximize protection for caribou while making road closures more manageable for Mine operation. For example, the Mine has proposed the use of a cap and pulse system where the cap is a maximum number of days roads will be closed and the pulse represents alternative mitigations such as convoys. The Kivalliq Inuit Association (KivIA) has also recommended alternative timing of closures that allow the lead caribou to move through more easily as suggested by Inuit Qaujimajatuqangit (IQ) holders. One approach that may address the uncertainty of when road closures would occur includes if the fall and spring migrations through the Mine are annually predictable. If so, then road closures could be scheduled to occur at certain times of the year when they maximize the intended benefit to caribou.

Telemetry collars are typically deployed in a manner (e.g., semi-random deployment) such that collared animals represent a herd, which is important for herd management and conservation. Collars provide the location of animals based on fix frequencies to satellites that may occur up to multiple times in a day. Fix frequencies for collared Lorillard caribou range from once per week (pre-2006) to every three hours (since 2009). It is possible to measure the distribution of dates of collared caribou migrated through the Mine and roads area on an annual basis. Comparison of distributions among years make it possible to determine whether the timing of caribou migration through the Mine and roads area is annually predictable. The distribution of collar data can also be compared to the distribution of ground counts of caribou groups monitored for road closure. The first objective of this analysis was to determine whether timing of migration through the Mine area is predictable during spring and fall based on collar data. The second objective was to explore relationships between collared caribou distribution and patterns in observed abundances of caribou-based group sizes from ground counts. If migration through the Mine area is predictable, then road closures can be scheduled to occur when most beneficial to caribou rather than the current reactionary practice of GST. The analysis undertaken is of exploratory nature.

Preliminary results were presented to the Mine's Terrestrial Advisory Group (TAG) on March 16, 2021. Following this meeting, the KivIA provided comments about the results represented (Gunn and Poole 2021). In summary, the comments requested:

- 1) Clarity on probability density distribution meaning and comparability with ground counts.
- 2) Results on the mean and range of migration length.
- 3) Removal of years with three or fewer collared caribou.

Additional analysis and information has been incorporated to address the comments by the KivIA.

2.0 METHODS

Two north-south reference lines were placed along and beyond the WTHR and AWAR to maximize the number of collared movements (i.e., animals that do and do not interact with the WTHR and AWAR). The WTHR and AWAR do not have a straight north-south alignment and therefore cannot be used standardize the timing of migration. In contrast, a straight north-south reference line does standardize timing because it occurs at the same point in space regardless of where a caribou encounters it. One north-south reference line was placed at the most western point of the WTHR and AWAR to capture migration of caribou from western wintering grounds to eastern calving grounds (i.e., the spring reference line; Figure 1). A second north-south reference line was placed at the most eastern point of the WTHR and AWAR to capture migration of caribou from eastern calving grounds to western wintering grounds (i.e., the fall reference line; Figure 1).

Caribou movement trajectories were estimated between subsequent telemetry locations, then trajectories were separated based on a unique caribou identifier (caribou ID), year, and season. Pre-defined seasonal migration periods (Caslys 2015) were buffered by an additional 7 to 10 days to maximize migration trajectories and the number of reference line interaction dates; buffered dates were used to define movement trajectories occurring during spring and fall migration. Buffered movement trajectories occurring March 31 to June 6 (inclusive) were considered spring migration, and buffered movement trajectories occurring September 1 to December 31 (inclusive) were considered fall migration. For each spring trajectory, dates of intersection with the spring reference line were predicted; fall dates of intersection were predicted for fall trajectories using the fall reference line. Dates of intersection were predicted based on the date and time of telemetry locations either side of the reference line. When a trajectory intersected with a reference line more than once during a season, the earliest date was used as the estimated date of intersection. Intersection dates (i.e., the standardized timing of migration) were converted to Julian days (i.e., day number of year), then stratified by caribou ID, year, and season. For clarity, the intersection dates are not intended to represent the beginning, middle, or end of caribou migration but rather provide a standardized date that describes when caribou are moving through a specific place during migration.

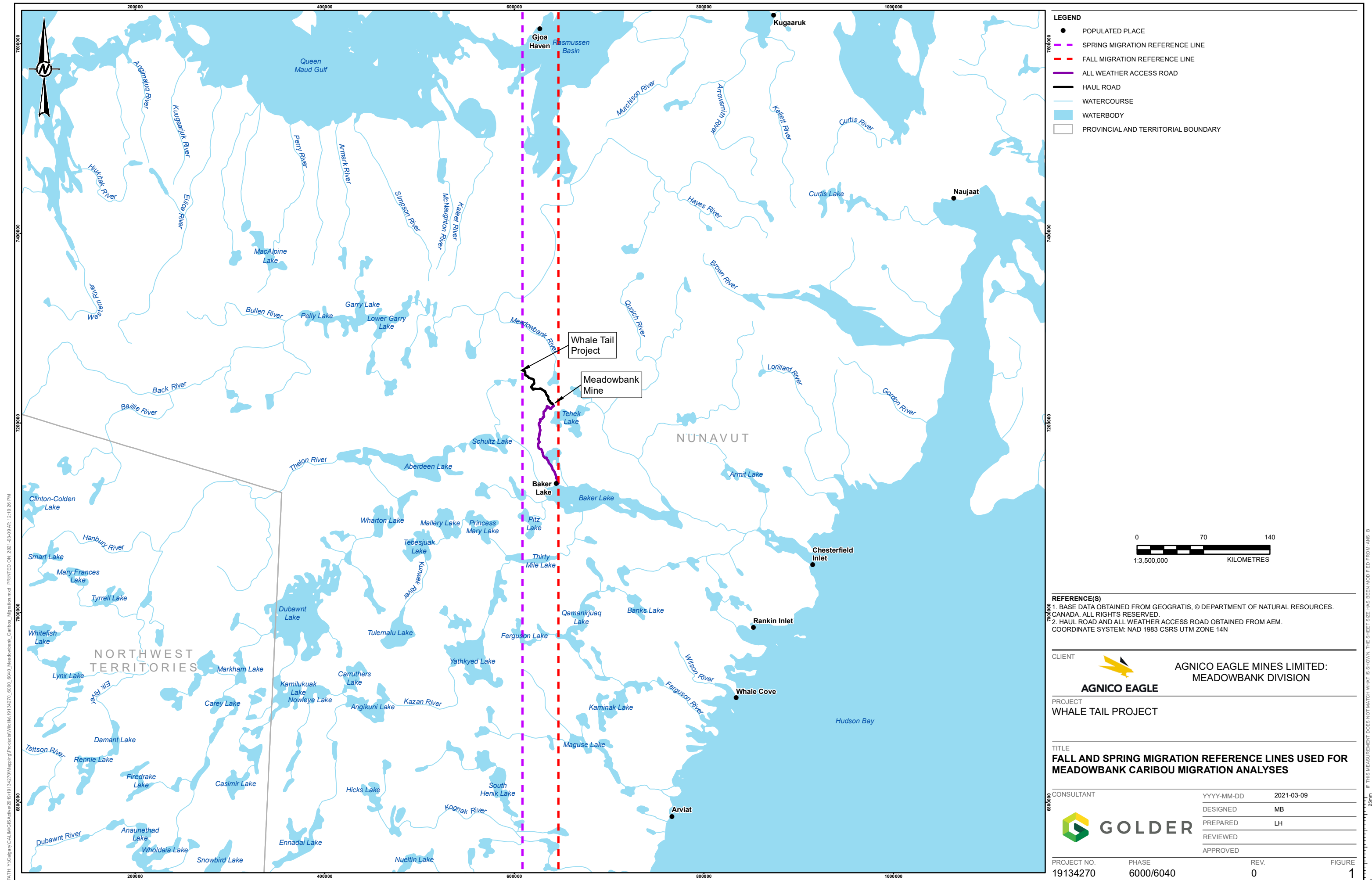
To meet the first objective of this analysis, inter-annual variation in migration trends was assessed visually. To facilitate visual comparison of migration trends, probability density plots were created. Probability density plots can be interpreted similarly to histograms in that both plots display the general shape and spread of continuous data, except probability density plots represent the probability of obtaining the range of values represented on the x-axis and histograms represent the frequency of x-axis values obtained (Figure 2). In this case, the x-axis reflects the date values of intersection with reference lines for the spring and fall migrations of Lorillard collared caribou.

The KivIA have highlighted the importance of protecting migratory leaders (i.e., the first wave of individuals interacting with reference lines) for preserving natural migratory patterns among the Lorillard caribou herd. Because fall migration appeared to be multimodal (i.e., caribou interacted with the fall reference line in multiple waves), the fall season was split into an early and late period, and inter-annual variation in fall migration was considered for each period separately. Migrations by leading caribou were, therefore, considered in early fall. Start and end dates for early and late fall periods were determined by visually assessing telemetry and ground observation data collected 2009–2020. Early migration peaks consistently occurred before Julian day 290 (i.e., October 17) whereas later migration peaks consistently occurred after Julian day 290. Therefore, interactions with the fall reference line occurring September 1 to October 17 were considered early fall and interactions occurring October 18 to December 1 were considered late fall.

Inter-annual variation in migration trends was also estimated using linear mixed-effects models, where caribou ID was included as a random intercept to account for correlated migration behaviour of the same animal, and year was included as a fixed effect. A one-way analysis of variance (ANOVA) assuming Type II error was used to test inter-annual variation in migration trends (i.e., the fixed effect of year). Post-hoc comparisons (i.e., Tukey Contrasts) were completed between pairs of years to determine statistically significant differences in migration trends over time. Adjusted *p*-values are reported to account for multiple testing. All statistical analyses were implemented in R (R Core Team 2021) using the *lmerTest* (Kuznetsova et al. 2017), *car* (Fox and Weisberg 2019), and *multcomp* (Hothorn et al. 2008) packages.

To address the second objective of this analysis, ground observations of caribou groups from 2018 and 2019 were compared with seasonal migration trends obtained from telemetry data for years 2018 and 2019 to determine whether similar migration timings were obtained. Given the proximity of the reference lines to Mine roads, the telemetry and ground observations are comparable because they are measuring approximately the timing of caribou movements through the roads area. Years 2018 and 2019 were selected for these comparisons because substantial effort was allocated to ground-based caribou surveys in these years, and because the WTHR construction ceased in 2018. Lastly, the dates when 50% of caribou had completed migration were estimated for ground observations and telemetry data for both 2018 and 2019, then compared.

KivIA proposed that annual variations in traffic and road closures may have contributed to annual variations in timing of migration (Gunn and Poole 2021). In response, an additional analysis was completed to assess the effect of WTHR construction on spring and fall migration patterns. Migration data collected before 2018 were pooled into 'pre-WTHR' and data collected in 2018 and 2019 were pooled into 'post-WTHR', by season and period. An ANOVA assuming Type II error was used to test variation in migration trends pre- and post-WTHR by season, with year and caribou ID included as random intercepts.



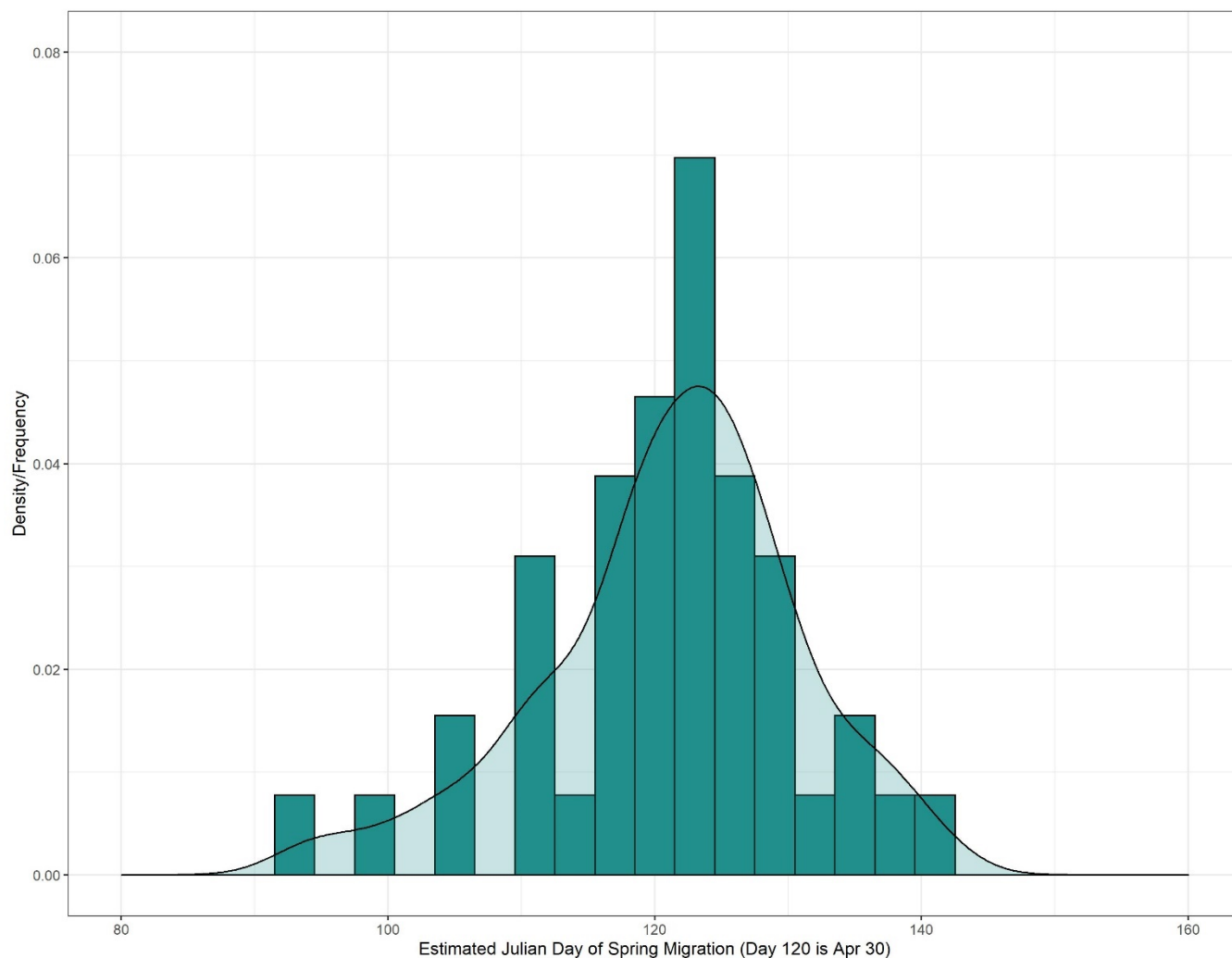


Figure 2: Probability density plot (translucent smoothed curve) and histogram plot (teal bars) depicting the shape and spread of continuous spring migration data. The probability density plot represents the continuous probability of obtaining the range of spring migration dates whereas the histogram plot represents the frequency of spring migration dates obtained. This figure was simulated as an example and does not depict any particular year of spring migration data.

3.0 RESULTS

Table 1 and Figure 3 summarize mean spring migration dates, with associated sample sizes and standard deviations, obtained from telemetry data collected 2005–2019. Standard deviations represent the spread and variation of data, assuming a normal distribution; one standard deviation represents 67% of the data and two standard deviations represent 96% of the data. Standard deviations were not provided for years in which $n = 1$ (i.e., a sample size of one caribou interaction was available).

The estimated date of spring migration pooled across all years was Julian day 121, or May 1 (April 30 on leap years¹; Table 1; Figure 3). One standard deviation, or 67% of spring migrations, occurred between April 21 and May 10 and two standard deviations, or 96% of all spring migrations, occurred between April 11 and May 20 (Table 1; Figure 3). The earliest mean spring migration date occurred in 2005 and 2015 (i.e., April 21) and the latest mean spring migration date occurred in 2013 (i.e., May 17; Table 1; Figure 3). Standard deviations ranged from narrow (i.e., 5 days in 2013) to wide (i.e., 33 days in 2005), and were 15 days or shorter for most years (Table 1; Figure 3).

Spring migration distributions differed significantly across all years ($\chi^2 = 44.49$, $df = 8$, $p < 0.0001$). However, when Tukey contrasts were completed among pairs of years (Table 1 of Attachment 1), 83% of years were statistically similar ($p > 0.05$) and only 17% of years differed significantly ($p < 0.05$). Among statistically significant paired year contrasts, the largest difference between years was 26.2 days; the mean absolute difference (pooled across all pair comparisons, 2005–2019) was 9.8 days.

Based on comments from the KivIA following the TAG meeting #8 on 16 March 2021 (Gunn and Poole 2021), spring migration years with $n \leq 3$ caribou interacting with reference lines were removed to provide more robust data for visualization and analyses. Therefore, years 2005, 2014, 2015, and 2016 were removed due to low sample sizes (i.e., $n = 3, 1, 3$, and 3, respectively). The estimated mean date of spring migration across years was two days later than previously estimated (Table 1; Figure 3) and was Julian day 123 (May 3; Figure 4). Removing years with $n \leq 3$ resulted in a smaller standard deviation (i.e., 9.2 days vs. 9.7 days; Table 1; Figure 3). A total of 67% of spring migrations (i.e., one standard deviation) occurred between April 24 and May 12, and 96% of spring migration (i.e., two standard deviations) occurred between April 14 and May 21 (Figure 4). Spring migration distributions differed significantly across years ($\chi^2 = 39.58$, $df = 4$, $p < 0.0001$). Tukey contrasts (Table 2 of Attachment 1) indicated that 50% of years were statistically similar ($p > 0.05$) and 50% of years were statistically different ($p < 0.05$). The largest difference between years was 23.7 days, and the mean absolute difference (pooled across all pair comparisons, 2011–2019) was 10.6 days. Overall, the reduction in years analysed based on sample size requirements did not result in large changes to migration timing, duration, and pooled absolute differences but did reduce the number of year-to-year comparisons of distributions that were statistically similar.

In 2018, the date at which approximately 50% of caribou were estimated to have migrated across the spring reference line, based on ground observations, was Julian day 108 (or April 18; Figure 5), which was 13 days earlier than the date estimated by telemetry data (i.e., Julian day 120 or May 1; Table 1). The estimated date of spring migration was later in 2019 (i.e., Julian day 114 or April 24 vs. Julian day 108 or April 18; Figure 5) based on ground observations. Telemetry data for 2019 indicated that the estimated date of spring migration was also April 24 (Table 1).

¹ All dates summarized henceforth assume non-leap years.

Figure 6 depicts the multimodal distribution of mean fall migration dates prior to separating data into early and late fall periods. Fall migration years with $n \leq 3$ caribou interacting with reference lines were also removed to provide more robust data for visualization. The years 1998, 1999, 2000, 2001, and 2014 were removed due to low sample sizes (i.e., $n = 1, 1, 1, 2$, and 2 , respectively; Figure 7). Based on 14 caribou, the mean early fall migration date for 2018 was Julian day 256, or September 13 (Table 2). One standard deviation, or 67% of early fall migrations, occurred between September 6 and September 20 in 2018, and two standard deviations, or 96% of early fall migrations, occurred between August 30 and September 27 in 2018 (Table 2). Because only one year of data (i.e., 2018) was available to estimate early fall migration, statistical analyses could not be completed.

The mean late fall migration date was Julian day 312, or November 8 (Table 2). One standard deviation, or 67% of late fall migrations, occurred between October 25 and November 23, and two standard deviations, or 96% of late fall migrations, occurred between October 11 and December 7 (Table 2). Late fall migration distributions differed significantly across years ($\chi^2 = 262.76$, $df = 6$, $p < 0.0001$). Tukey contrasts (Table 3 of Attachment 1) indicated that 33% of years were statistically similar ($p > 0.05$) and 67% of years were statistically different ($p < 0.05$). The largest difference between years was 36 days, and the mean absolute difference (pooled across all pair comparisons, 2004–2017) was 17 days.

In 2018, the estimated date at which approximately 50% of total caribou were recorded from ground observations was Julian day 286 (or October 13), which was 22 days later than the date estimated by 50% of telemetry data (i.e., Julian day 264 or September 21; Figure 8) and inclusive of both early and late fall periods. Because telemetry data were not available for fall 2019, comparisons between ground and telemetry observations could not be made for 2019.

Spring migration distributions did not vary pre- and post-WTHR construction ($\chi^2 = 1.3604$, $df = 1$, $p = 0.24$), nor did late fall migration distributions ($\chi^2 = 0.0455$, $df = 1$, $p = 0.83$). Early fall pre- and post-WTHR construction distributions were not compared because the within year trend for 1999, 2000 and 2001 are characterized by a single collared animal (Table 2) and would limit the temporal comparison to a single pre-construction (2016) and post-construction 2018 year (Figure 7).

Table 1: Mean spring migration dates, and associated sample sizes (*n*), date ranges for standard deviations, and widths of standard deviations, for Lorillard caribou using telemetry data collected 2005–2019. Distributions associated with these data are visually presented in Figure 3.

Year	Sample Size (<i>n</i>)	Mean Date of Spring Migration	+/- One Standard Deviation (Dates)	One Standard Deviation Width (# of Days)	+/- Two Standard Deviations (Dates)	Two Standard Deviation Width (# of Days)
2005	3	Apr 21	Apr 4 – May 7	33	Mar 19 – May 24	66
2011	6	May 6	May 3 – May 9	6	Apr 30 – May 12	12
2012	4	May 3	Apr 26 – May 11	15	Apr 19 – May 18	29
2013	4	May 17	May 14 – May 19	5	May 12 – May 21	9
2014	1	Apr 28	NA	NA	NA	NA
2015	3	May 3	Apr 29 – May 8	9	Apr 25 – May 12	17
2016	3	Apr 21	Apr 18 – Apr 24	6	Apr 15 – Apr 27	12
2018	11	May 1	Apr 23 – May 8	15	Apr 15 – May 16	31
2019	8	Apr 24	Apr 17 – May 1	14	Apr 10 – May 07	27

Table 2: Mean early and late fall migration dates, and associated sample sizes (*n*), date ranges for standard deviations, and widths of standard deviations, for Lorillard caribou using telemetry data collected 1998–2018. Distributions associated with these data are visually presented in Figure 7.

Year	Sample Size (<i>n</i>)	Period	Mean Date of Migration	+/- One Standard Deviation (Dates)	One Standard Deviation Width (# of Days)	+/- Two Standard Deviations (Dates)	Two Standard Deviation Width (# of Days)
1999	1	Early	Sep 3	NA	NA	NA	NA
2000	1		Sep 7	NA	NA	NA	NA
2001	1		Sep 5	NA	NA	NA	NA
2016	3		Sep 21	Sep 5 – Oct 8	17	Aug 19 – Oct 25	34
2018	14		Sep 13	Sep 6 – Sep 20	7	Aug 30 – Sep 27	14
1998	1	Late	Nov 8	NA	NA	NA	NA
2001	1		Dec 2	NA	NA	NA	NA
2003	6		Oct 24	Oct 22 – Oct 26	2	Oct 20 – Oct 28	4
2004	8		Oct 25	Oct 22 – Oct 29	4	Oct 18 – Nov 2	8
2011	7		Nov 16	Nov 6 – Nov 25	9	Oct 28 – Dec 4	18
2012	4		Nov 17	Nov 16 – 17	0.5	Nov 16 – Nov 18	1
2013	5		Nov 29	Nov 21 – Dec 6	7	Nov 14 – Dec 13	14
2014	2		Nov 23	Nov 21 – Nov 26	2	Nov 18 – Nov 28	4
2015	4		Nov 24	Nov 23 – Nov 25	1	Nov 22 – Nov 26	2
2016	1		Dec 14	NA	NA	NA	NA
2017	6		Oct 31	Oct 29 – Nov 2	2	Oct 27 – Nov 4	4
2018	2		Nov 20	Nov 17 – Nov 23	3	Nov 13 – Nov 26	6

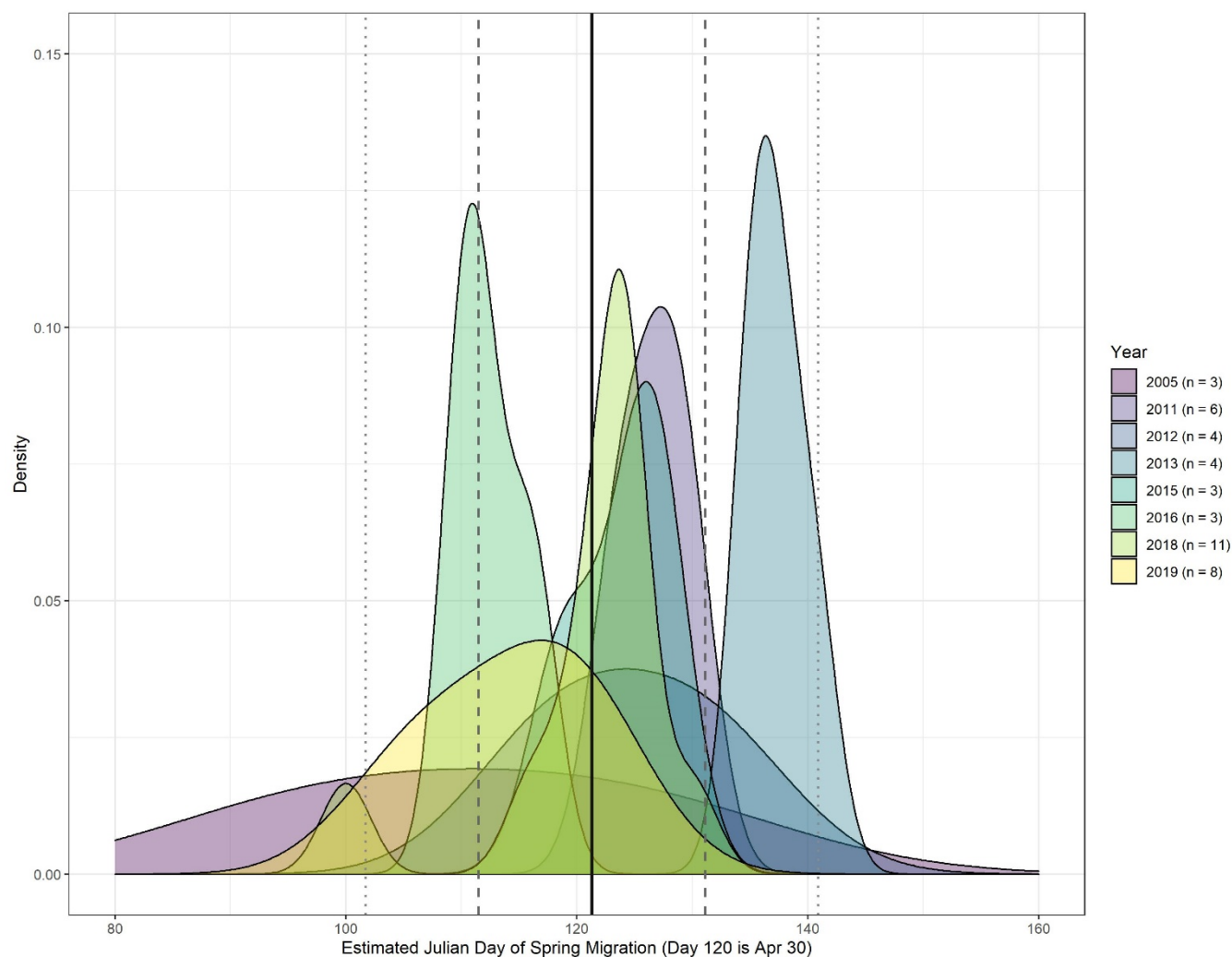


Figure 3: Distribution of estimated Julian day of spring migration based on telemetry data collected from the Lorillard caribou herd 2005–2019. The solid dark grey line indicates the mean spring migration date across all years, or when 50% of the caribou are predicted to have completed spring migration (day 121, or May 01). The dashed grey lines indicate one standard deviation from the mean (April 21–May 11) and the dotted grey lines indicate two standard deviations from the mean (April 11–May 21). A distribution was not possible for 2014 due to the small sample size of migration data ($n = 1$ caribou). Mean spring migration dates, sample sizes, and standard deviations for these data are summarized by year in Table 1.

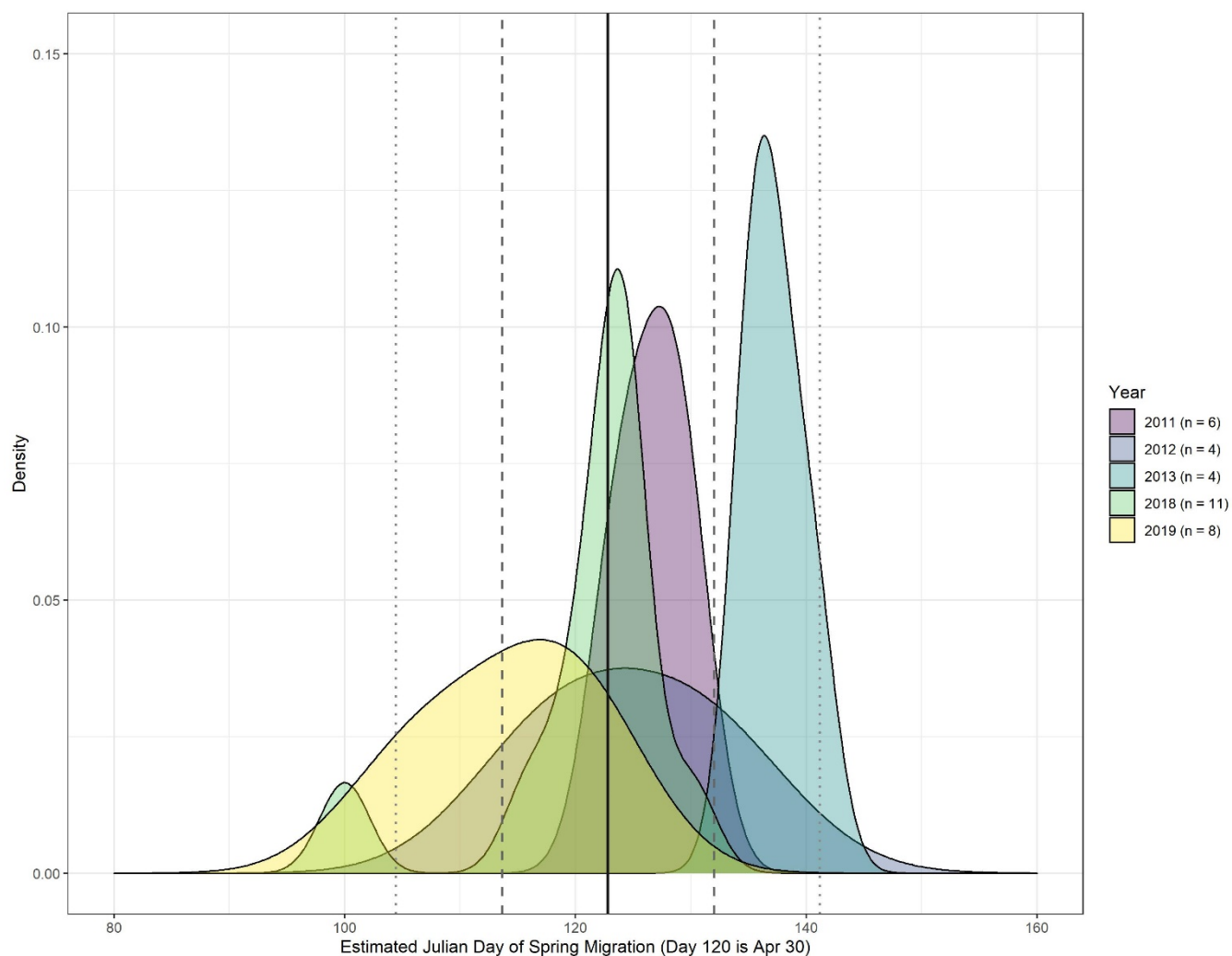


Figure 4: Distribution of estimated Julian day of spring migration based on telemetry data collected from the Lorillard caribou herd 2011–2019. Data were constrained to years with n caribou ≥ 4 . The solid dark grey line indicates the mean spring migration date across all years, or when 50% of the caribou are predicted to have completed spring migration (day 123, or May 3). The dashed grey lines indicate one standard deviation from the mean (April 24–May 12) and the dotted grey lines indicate two standard deviations from the mean (April 14–May 21).

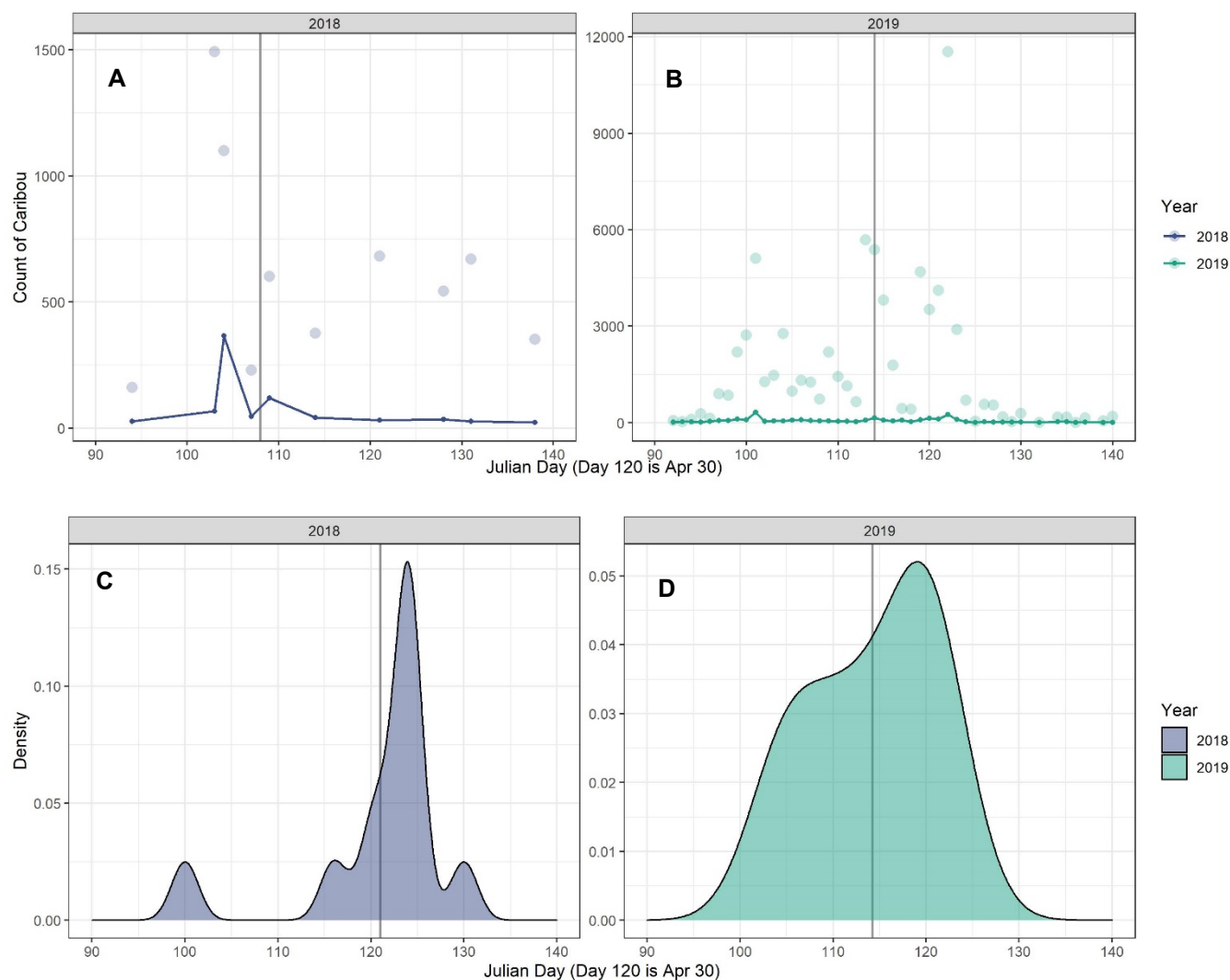


Figure 5: Comparison of spring migration dates based on ground observations (panels A and B) and telemetry data (panels C and D) from the Lorillard caribou herd in 2018 and 2019. A total of 6,645 caribou among 147 groups and 75,973 caribou among 996 groups were observed in 2018 and 2019, respectively (panels A and B). Sample sizes for telemetry data were $n = 11$ caribou in 2018 and $n = 8$ caribou in 2019 (panels C and D). Transparent circles indicate total observed caribou per Julian day and solid points connected by solid lines indicate mean caribou group size observed per Julian day (panels A and B). Probability density plots depict the estimated distribution of spring migration per year from telemetry data (panels C and D). Solid grey lines on all panels (A–D) indicate the date at which 50% of caribou were estimated to have completed spring migration.

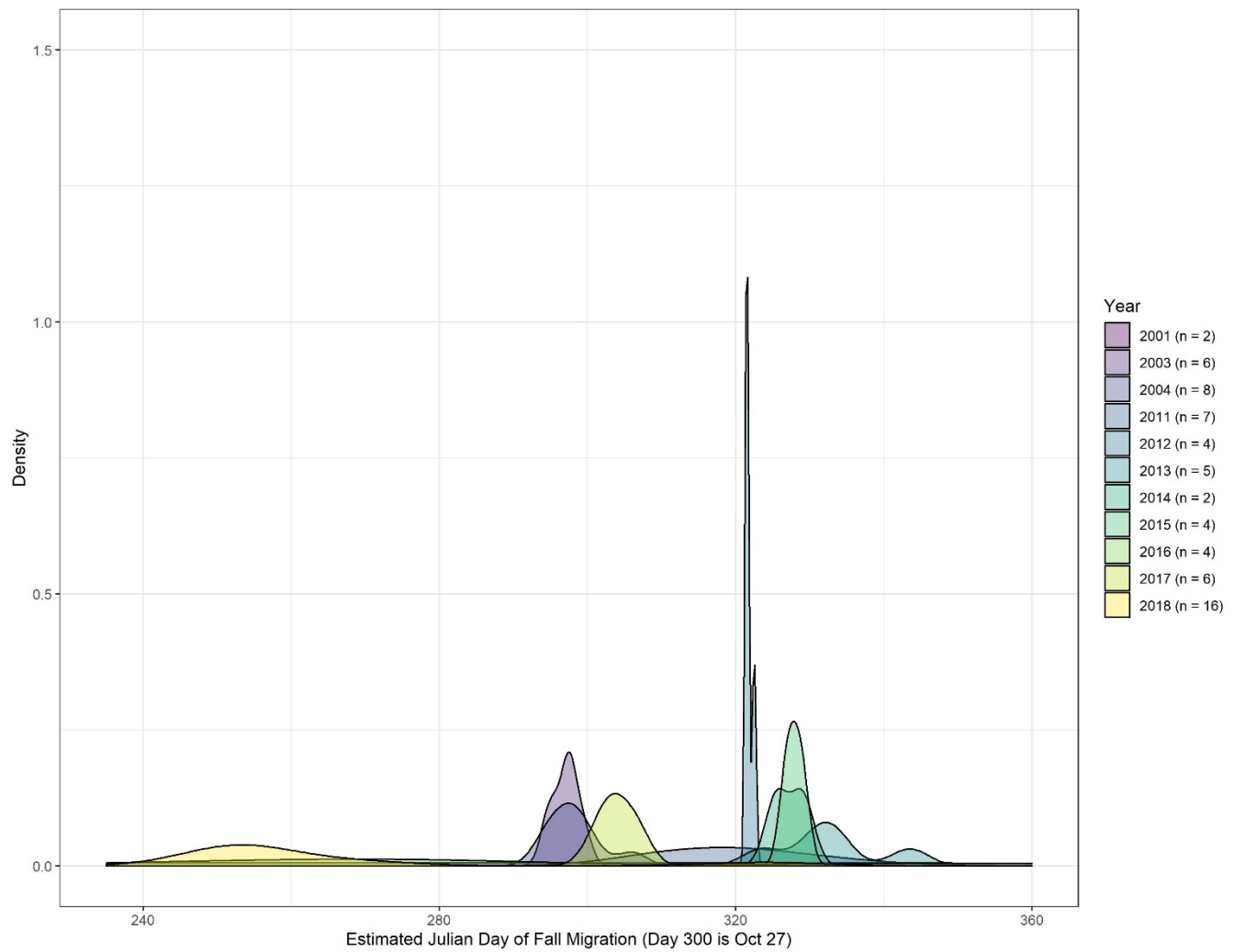


Figure 6: Distribution of estimated Julian day of fall migration based on telemetry data collected from the Lorillard caribou herd 2001–2018. Distributions were not possible for 1998, 1999, and 2000 due to small annual sample sizes of migration data ($n = 1$ caribou).

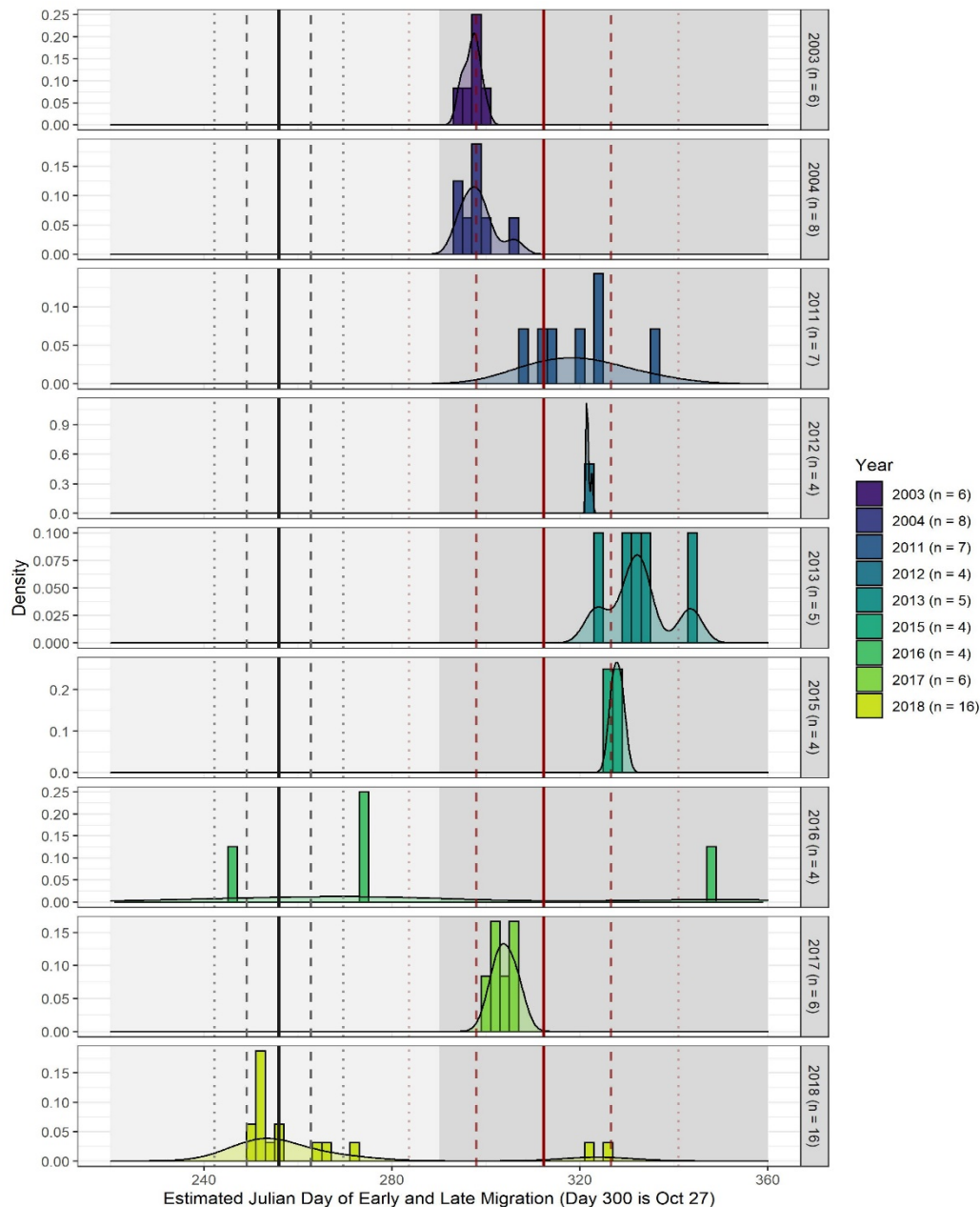


Figure 7: Distribution of estimated Julian day of early and late fall migration based on telemetry data collected from the Lorillard caribou herd 2003–2018. Light grey boxes from day 220–290 represent the early fall period and dark grey boxes from day 291–360 represent the late fall period. Data were constrained to years with n caribou ≥ 4 . The solid dark grey and dark red lines indicate the mean early and late fall migration date across all years, respectively (early: day 256, or Sep 13; late: day 312, or Nov 8). The dashed grey lines indicate one standard deviation from the mean early fall migration date (Sep 6–20) and the dotted grey lines indicate two standard deviations from the mean early fall migration date (Aug 30–Sep 27). The dashed red lines indicate one standard deviation from the mean late fall migration date (Oct 25–Nov 23) and the dotted red lines indicate two standard deviations from the mean late fall migration date (Oct 11–Dec 7). Mean early and late fall migration dates, sample sizes, and standard deviations for these data are summarized by year in Table 2.

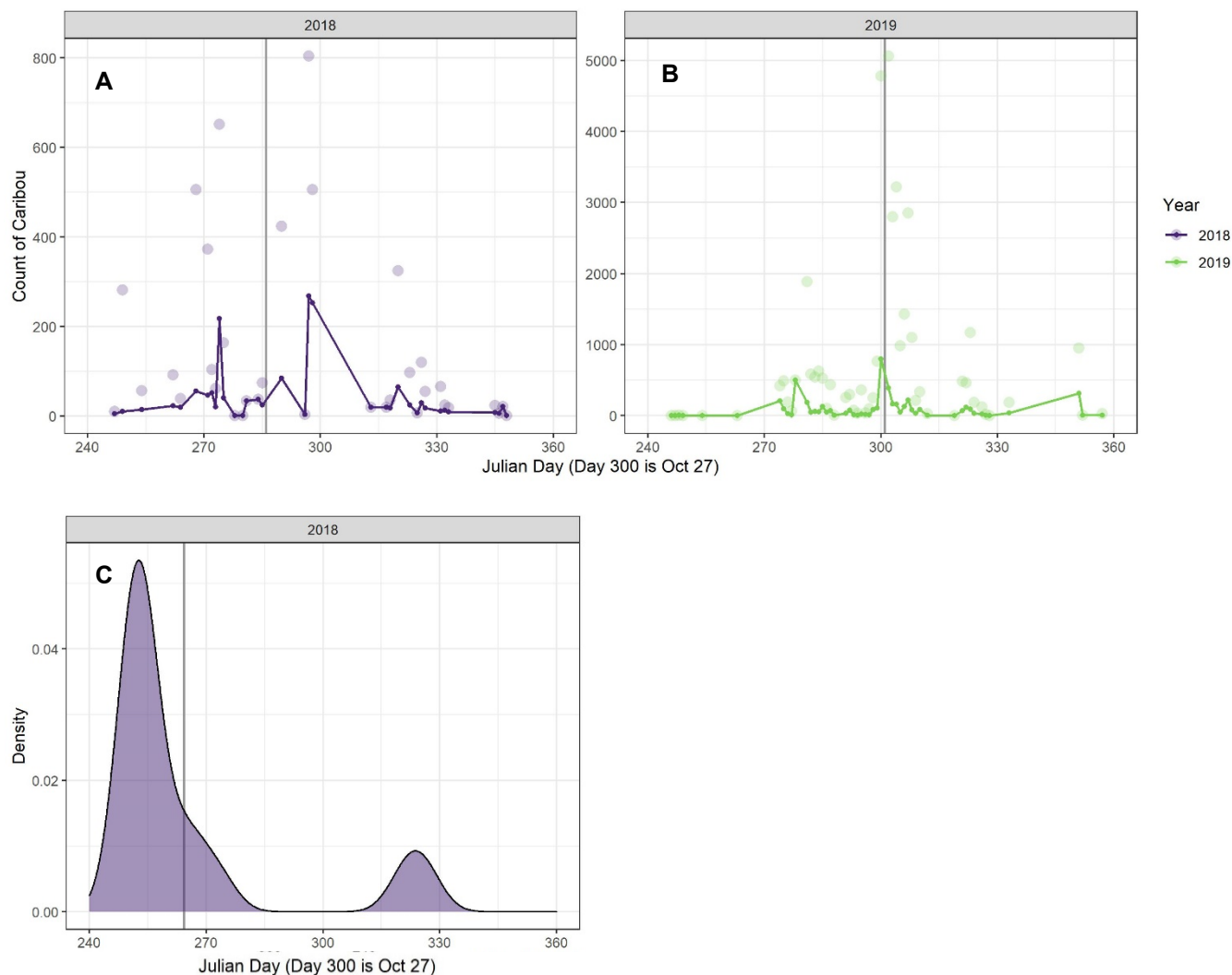


Figure 8: Comparison of fall migration dates based on ground observations (panels A and B) and telemetry data (panel C) from the Lorillard caribou herd in 2018. A total of 5,068 caribou among 123 groups and 35,008 caribou among 323 groups were observed in 2018 and 2019, respectively (panels A and B). Sample sizes for telemetry data were $n = 16$ caribou in 2018 (panel C); telemetry data were not available for fall 2019. Translucent circles indicate total observed caribou per Julian day and solid points connected by solid lines indicate mean caribou group size observed per Julian day (panels A and B). Probability density plots depict the estimated distribution of fall migration per year from telemetry data (panel C). Solid grey lines on all panels (A–C) indicate the date at which 50% of caribou were estimated to have completed fall migration.

4.0 RECOMMENDATIONS

The reduction in years analysed based on sample size requirements did not result in large changes to migration timing, duration and pooled absolute differences but did reduce the number of year-to-year comparisons of distributions that were statistically similar. Although there was some variation in migration timing between years in the larger dataset, results for spring migration indicated that annual timing of caribou migration through the Mine and roads area was relatively consistent (i.e., predictable) across years. The mean spring migration date was May 01 over all years. Across years, 96% individuals on average migrated through the Mine area over a period of 25 days (mean of annual 2 standard deviations). Comparison of telemetry and ground observations indicated similarities between the two datasets, particularly for 2019 where more ground observations were available (996 groups counted in 2019 vs. 147 in 2018). The cap combined with alternative mitigation such as convoys (pulse) and periodic road closures could be applied to maximize the number of caribou exposed to roads without Mine-related traffic. For example, use of all Road closures days (cap) for 18 consecutive days applied between April 21 to May 11 (i.e., almost one standard deviation of the mean over all years) would cover the mean migration timing for all but one year. In a typical year, 96% of caribou may benefit from any mitigation (cap and/or pulse) if applied for a 25-day period.

Fall migration was more variable than spring migration and, in 78% of years (7 of 9 years; Figure 7), caribou moved through the Meadowbank Mine area during the late fall period beginning October 18. The mean date of late fall migration was November 8 over all years. Across years, 96% individuals on average migrated through the Mine area over a period of 7 days (mean of annual two standard deviations) during late fall. In 2016 and 2018, collared caribou also moved through the Meadowbank Mine area during the early fall period (Figure 7). While migration timing was generally more variable during fall, the duration of migration in either early or late fall was shorter than the duration of spring migration. Under a cap and pulse mitigation strategy, fewer consecutive days of road closures may be required during fall migration and may be more generally beneficial to caribou during later fall given the lower frequency of migration during early fall. In lieu of road closures during early fall, pulse mitigation (e.g., convoys) could be scheduled for approximately two weeks in September to maximize the number caribou exposed to roads without Mine-related traffic and while continuing to resupply the stockpile with ore for the mill.

Further exploratory analysis aimed at explaining annual differences in the timing of spring and fall migration may be completed with environmental covariates such as snow conditions (Mallory et al. 2020) or weather (Gurarie et al. 2019). If differences can be explained by readily available information such as weather, then it may be possible to forecast when mitigation should be applied annually. When 2019 and more current telemetry data are available, further analyses can be carried forward with additional comparisons to ground observations during both seasons. Lastly, the results of these analyses should be reviewed with the TAG to establish desired caribou protection outcomes (e.g., protection of lead caribou, protection of maximum number of caribou, or both) and to determine when, and for how long, cap and pulse mitigation should be applied to reach the desired outcomes.

5.0 CLOSURE

We trust that the information contained in this report meets your present requirements. Please contact the undersigned if you have any questions or concerns.

Golder Associates Ltd.



Meghan Beale, MSc
Wildlife Biologist



Corey De La Mare, P. Biol.
Principal, Senior Ecologist



Daniel Coulton, PhD, RPBio
Senior Wildlife Biologist
MB/CDLM/DC/jlb

Attachments: Attachment 1 - Results of Tukey Comparisons

[https://golderassociates.sharepoint.com/sites/119161/project files/5 technical work/6000_tag/tag caribou analyses/rev2/19134270-515-tm-rev1-caribou analysis_eh.docx](https://golderassociates.sharepoint.com/sites/119161/project%20files/5%20technical%20work/6000_tag/tag%20caribou%20analyses/rev2/19134270-515-tm-rev1-caribou%20analysis_eh.docx)

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ATTACHMENT 1

Results of Tukey Comparisons

Table 1: Multiple post-hoc comparisons of mean spring migration dates for collared Lorillard caribou, 2005–2019. Years with $n = 1$ caribou were excluded from comparisons (i.e., 2014). Bold and shaded rows indicate significant differences between pairs of years (i.e., $p < 0.05$).

Comparison Years	Estimate	Standard Error	Z Test Statistic	Tukey Adjusted p -value
2011 - 2005	15.66	5.02	3.12	0.04
2012 - 2005	13.75	5.42	2.54	0.20
2013 - 2005	26.25	5.42	4.85	0.00
2014 - 2005	7.00	8.19	0.85	0.99
2015 - 2005	12.83	5.79	2.22	0.38
2016 - 2005	1.50	5.79	0.26	1.00
2018 - 2005	10.00	4.62	2.16	0.41
2019 - 2005	2.57	4.89	0.52	1.00
2012 - 2011	-1.92	4.58	-0.42	1.00
2013 - 2011	10.58	4.58	2.31	0.32
2014 - 2011	-8.67	7.66	-1.13	0.97
2015 - 2011	-2.83	5.01	-0.56	1.00
2016 - 2011	-14.17	5.01	-2.82	0.10
2018 - 2011	-5.67	3.60	-1.57	0.81
2019 - 2011	-13.10	3.95	-3.32	0.02
2013 - 2012	12.50	5.01	2.49	0.22
2014 - 2012	-6.75	7.93	-0.85	0.99
2015 - 2012	-0.92	5.42	-0.17	1.00
2016 - 2012	-12.25	5.42	-2.26	0.35
2018 - 2012	-3.75	4.14	-0.91	0.99
2019 - 2012	-11.18	4.45	-2.51	0.21
2014 - 2013	-19.25	7.93	-2.43	0.25
2015 - 2013	-13.42	5.42	-2.48	0.23
2016 - 2013	-24.75	5.42	-4.57	0.00
2018 - 2013	-16.25	4.14	-3.92	0.00
2019 - 2013	-23.68	4.45	-5.33	0.00
2015 - 2014	5.83	8.19	0.71	1.00
2016 - 2014	-5.50	8.19	-0.67	1.00
2018 - 2014	3.00	7.41	0.40	1.00
2019 - 2014	-4.43	7.58	-0.58	1.00
2016 - 2015	-11.33	5.79	-1.96	0.55
2018 - 2015	-2.83	4.62	-0.61	1.00
2019 - 2015	-10.26	4.89	-2.10	0.46
2018 - 2016	8.50	4.62	1.84	0.64
2019 - 2016	1.07	4.89	0.22	1.00
2019 - 2018	-7.43	3.43	-2.17	0.41

Table 2: Multiple post-hoc comparisons of mean spring migration dates for collared Lorillard caribou, 2011–2019. Years with $n \leq 3$ caribou were excluded from comparisons (i.e., 2005, 2014, 2015, and 2016). Bold and shaded rows indicate significant differences between pairs of years (i.e., $p < 0.05$).

Comparison Years	Estimate	Standard Error	Z Test Statistic	Tukey Adjusted p -value ¹
2012 - 2011	-1.86	4.07	-0.46	0.99
2013 - 2011	10.65	4.07	2.62	0.07
2018 - 2011	-5.64	3.20	-1.76	0.39
2019 - 2011	-13.04	3.51	-3.72	0.00
2013 - 2012	12.51	4.46	2.81	0.04
2018 - 2012	-3.78	3.68	-1.03	0.84
2019 - 2012	-11.18	3.95	-2.83	0.04
2018 - 2013	-16.29	3.68	-4.43	0.00
2019 - 2013	-23.69	3.95	-6.00	0.00
2019 - 2018	-7.40	3.05	-2.43	0.11

¹ Bold rows are statistically similar between years (i.e., $p > 0.05$).

Table 3: Multiple post-hoc comparisons of mean late fall migration dates for collared Lorillard caribou, 2004–2017. Years with $n \leq 3$ caribou were excluded from comparisons (i.e., 1998, 2001, 2014, 2016, and 2018). Bold and shaded rows indicate significant differences between pairs of years (i.e., $p < 0.05$).

Comparison Years	Estimate	Standard Error	Z Test Statistic	Tukey Adjusted p -value ²
2004 - 2003	1.38	2.75	0.50	1.00
2011 - 2003	22.71	2.86	7.93	0.00
2012 - 2003	24.83	3.32	7.48	0.00
2013 - 2003	35.62	3.12	11.43	0.00
2015 - 2003	30.73	3.32	9.25	0.00
2017 - 2003	7.07	2.97	2.38	0.20
2011 - 2004	21.33	2.66	8.01	0.00
2012 - 2004	23.45	3.15	7.44	0.00
2013 - 2004	34.24	2.93	11.67	0.00
2015 - 2004	29.35	3.15	9.32	0.00
2017 - 2004	5.69	2.78	2.05	0.38
2012 - 2011	2.12	3.16	0.67	0.99
2013 - 2011	12.91	2.99	4.32	0.00
2015 - 2011	8.03	3.22	2.49	0.16
2017 - 2011	-15.64	2.86	-5.46	0.00
2013 - 2012	10.79	3.41	3.16	0.03
2015 - 2012	5.90	3.64	1.62	0.66
2017 - 2012	-17.76	3.32	-5.35	0.00
2015 - 2013	-4.89	3.43	-1.42	0.79
2017 - 2013	-28.55	3.12	-9.16	0.00
2017 - 2015	-23.66	3.29	-7.20	0.00

² Bold rows are statistically similar between years (i.e., $p > 0.05$).

APPENDIX G

Blast Monitoring Surveys

Survey type	Date/Time	Location	General comments	Blast number	Blast Area	Time of blast	Wildlife observed?	Time observation	Species	Number	Behavior	Distance from blast	Comments about observation	x_coord	y_coord
Blast	1/3/2021 12:15:00 PM	Amaruq	No caribou observed	5151MSW08 & 5116MSW70	Whale Tail Pit	01/03/2021 12:45:00	No								
Blast	01/09/2021 11:00:00 AM	Amaruq	No caribou observed	5137MS15	IVR	01/09/2021 12:45:00	No								
Blast	01/11/2021 11:15:00 AM	Amaruq	No caribou observed	5088MSW18/5088MSW30	Whale Tail	01/11/2021 12:45:00	No								
Blast	01/13/2021 11:30:00 AM	Amaruq	No caribou observed	5151MSW08	Whale Tail	01/13/2021 12:45:00	No								
Blast	01/14/2021 11:45:00 AM	Amaruq	No caribou observed	5130MS14	IVR	01/14/2021 12:45:00	No								
Blast	01/15/2021 11:30:00 AM	Amaruq	No caribou observed	5088MSW26+5088PSW50	Whale Tail	01/15/2021 12:45:00	No								
Blast	01/16/2021 10:45:00 AM	Amaruq	No caribou observed	5130MS104	IVR Pit	01/16/2021 12:45:00	No								
Blast	01/18/2021 11:45:00 AM	Amaruq	No caribou observed	5088PSW52 SEQ1 + 5088PSW50SEQ2 + 5102MSW50 + 5095MSW41	Whale Tail	01/18/2021 12:45:00	No								
Blast	01/20/2021 11:00:00 AM	Amaruq	No Caribou observed	5130MS102	IVR Pit	01/20/2021 12:45:00	No								
Blast	01/22/2021 11:30:00 AM	Amaruq	No caribou were observed	5130MS16	IVR Pit	01/22/2021 12:45:00	No								
Blast	01/30/2021 11:30:00 AM	Amaruq	No caribou were observed	5130MS108	NA	01/30/2021 12:45:00	No								
Blast	02/03/2021 11:00:00 AM	Amaruq	No caribou observed	5109MSW77/5109MSW77/5109MSW81	WTP	02/03/2021 12:45:00	No								
Blast	02/06/2021 11:30:00 AM	Amaruq	No Caribou observed	5123FMW85/5095MSW35	Whale Tail	02/06/2021 12:45:00	No								
Blast	02/10/2021 11:45:00 AM	Amaruq	No caribou observed	5165PRW01	Whale Tail	02/10/2021 12:45:00	No								
Blast	02/11/2021 12:00:00 PM	Amaruq	No Caribou observed	5102MSW54	Whale Tail	02/11/2021 12:45:00	No								
Blast	02/13/2021 11:30:00 AM	Amaruq	No caribou observed	5088MSW32, 5088MSW28 & 5095MSW33	Whale Tail	02/13/2021 12:45:00	No								
Blast	02/14/2021 11:15:00 AM	Amaruq	No Caribou observed	5109MSW87	Whale Tail	02/14/2021 12:45:00	No								
Blast	02/15/2021 11:15:00 AM	Amaruq	No caribou observed	5116MSW72 & 5116FMW70	Whale Tail	02/15/2021 12:45:00	No								
Blast	02/17/2021 11:00:00 AM	Amaruq	No Caribou observed	5088MSW34 & 5088FMW26	Whale Tail	02/17/2021 12:45:00	No								
Blast	02/22/2021 11:00:00 AM	Amaruq	No caribou observed	5095PSW57	Whale Tail Pit	02/22/2021 12:45:00	No								
Blast	02/24/2021 11:00:00 AM	Amaruq	No caribou observed	5161DDA01	IVR Dike	02/24/2021 12:45:00	No								
Blast	02/27/2021 11:00:00 AM	Amaruq	No Caribou observed	5161DDA01	IVR Dike	02/27/2021 12:45:00	No								
Blast	02/28/2021 11:00:00 AM	Amaruq	No caribou observed	5067PSW03 SEQ 2 + 5067PSW05 + 5081MSW05	Whale Tail Pit	02/28/2021 12:45:00	No								
Blast	03/01/2021 11:30:00 AM	Amaruq	No caribou observed	5151RAI41	IVR	03/01/2021 12:45:00	No								
Blast	03/02/2021 11:30:00 AM	Amaruq	No caribou observed	5161DDA01	IVR	03/02/2021 12:45:00	No								
Blast	03/03/2021 11:30:00 AM	Amaruq	No caribou observed	5109MSW83	WTP	03/03/2021 12:45:00	No								
Blast	03/04/2021 11:15:00 AM	Amaruq	No caribou observed	5151MSI29	IVR Pit	03/04/2021 12:45:00	No								
Blast	03/07/2021 11:25:00 AM	Amaruq	No caribou observed	5081MSW09, 5067PSW05Seq2 & 5161DDA01 Seq 5	Whale Tail Pit & IVR Dyke	03/07/2021 12:45:00	No								
Blast	03/08/2021 11:35:00 AM	Amaruq	No caribou observed	5067PSW09	WHALE TAIL PIT	03/08/2021 12:45:00	No								
Blast	03/09/2021 11:20:00 AM	Amaruq	No caribou observed	5161DDA03	IVR Dyke	03/09/2021 12:45:00	No								
Blast	03/10/2021 11:30:00 AM	Amaruq	No caribou observed	5081SUW31	Whale Tail Pit	03/10/2021 12:45:00	No								
Blast	03/11/2021 11:10:00 AM	Amaruq	No caribou observed	5081MSW07 & 5161DDA05 Seq 7	Whale Tail & IVR Dyke	03/11/2021 12:45:00	No								
Blast	03/12/2021 11:25:00 AM	Amaruq	No caribou observed	5109MSW85+5109MSW89 SEQ2	Whale Tail	03/12/2021 12:45:00	No								
Blast	03/13/2021 11:45:00 AM	Amaruq	No caribou observed	5161DDA 07	IVR Dike	03/13/2021 12:45:00	No								
Blast	03/14/2021 11:20:00 AM	Amaruq	No caribou observed	5081MW11+5067PSW07 SEQ2	Whale Tail	03/14/2021 12:45:00	No								
Blast	03/15/2021 11:30:00 AM	Amaruq	No caribou observed	5161DDA09	IVR Dyke	03/15/2021 12:45:00	No								
Blast	03/17/2021 11:30:00 AM	Amaruq	No caribou observed	5161DDA09 SEQ2+5161DDA10 5088MSW38+5088MSW40	IVR Dyke / Whale Tail pit	03/17/2021 12:45:00	No								
Blast	03/19/2021 11:45:00 AM	Amaruq	No caribou observed	5081mw13+5130ps01+5130ps03+5130ps05 5161DDA11	IVR Dyke / Whale Tail pit	03/19/2021 12:45:00	No								
Blast	03/21/2021 11:30:00 AM	Amaruq	No caribou observed	5144MSI36+5144MSI40 5161DDA01	IVR Dyke / Whale Tail pit	03/21/2021 12:45:00	No								
Blast	03/22/2021 11:30:00 AM	Amaruq	No caribou observed	5088MSW42 & 5088FMW06	Whale Tail pit	03/22/2021 12:45:00	No								
Blast	03/29/2021 11:30:00 AM	Amaruq	No caribou observed	5088MSW48/5088MSW42/5088FMW42	Whale Tail Pit	03/29/2021 12:45:00	No								
Blast	03/30/2021 11:45:00 AM	Amaruq	No Caribou were observed	5144MSI54/5130PS09	IVR Pit	03/30/2021 12:45:00	No								
Blast	04/01/2021 00:00:00	Amaruq	No caribou observed	5088PSW60	Whale Tail	04/01/2021 12:45:00	No								
Blast	04/02/2021 10:45:00 AM	Amaruq	No caribou observed	5123MSI09 / 5123MSI11	IVR Pit	04/02/2021 12:45:00	No								
Blast	04/04/2021 11:10:00 AM	Amaruq	No caribou observed	5144MSI48	IVR Pit	04/04/2021 12:45:00	No								
Blast	04/05/2021 11:00:00 AM	Amaruq	No caribou observed	5102MSW70 / 5088PSW62	Whale Tail	04/05/2021 12:45:00	No								
Blast	04/09/2021 11:30:00 AM	Amaruq	No caribou observed	5102MSW76 & 5088PSW62	Whale Tail	04/09/2021 12:45:00	No								
Blast	04/10/2021 11:45:00 AM	Amaruq	No caribou observed	5088MSW44	Whale Tail	04/10/2021 12:45:00	No								
Blast	04/11/2021 11:45:00 AM	Amaruq	No caribou observed	5102MSW64 & 5088PPW02	Whale Tail	04/11/2021 12:45:00	No								
Blast	04/15/2021 11:30:00 AM	Amaruq	No caribou observed	5102MSW68 + 5102MSW74 SEQ1 + 5074SUW04 + 5088PSW76 + 5088PSW80 + 5088MSW78 SEQ2	Whale Tail	04/15/2021 12:45:00	No								
Blast	04/18/2021 11:15:00 AM	Amaruq	No caribou observed	5102MSW78	Whale Tail Pit	04/18/2021 12:45:00	No								
Blast	04/22/2021 11:40:00 AM	Amaruq	No observation, blast clearance given	5102MSL80	Whale Tail Pit	04/22/2021 12:45:00	No								
Blast	04/29/2021 11:40:00 AM	Amaruq	low visibility, less than 5m, windy. No observation, blast clearance given	5088RAW36/5067PSK29	Whale Tail Pit	04/29/2021 12:45:00	No								
Blast	04/30/2021 11:00:00 AM	Amaruq	Groups of 20 and 10 spotted at km178 and 176	5137MSI27/5137MSI29	IVR	04/30/2021 12:45:00	Yes	4/30/2021 11:00:00 AM	Caribou	30	Grazing			-96.6665579	65.40179434
Blast	05/01/2021 11:20:00 AM	Amaruq	Visibility is often less than 2m / no caribou observed	5158RAI02	IVR	05/01/2021 12:45:00	No								
Blast	05/02/2021 10:30:00 AM	Amaruq	Group of caribou (150) at km 176	5081MSK25	Whale Tail	05/02/2021 12:45:00	Yes	5/2/2021 10:30:00 AM	Caribou	150				-96.6665579	65.40179434
Blast	05/04/2021 11:10:00 AM	Amaruq	No caribou observed	5067PSK29 SEQ 3	Whale Tail	05/04/2021 12:45:00	No								
Blast	05/06/2021 11:00:00 AM	Amaruq	Caribou at KM179	5074MSK12+5067SUK01	Whale Tail	05/06/2021 12:45:00	Yes	5/6/2021 11:00:00 AM	Caribou	1				-96.6665579	65.40179434
Blast	05/08/2021 11:00:00 AM	Amaruq	No caribou observed	5067PSK23	Whale Tail	05/08/2021 12:45:00	No								
Blast	05/09/2021 11:30:00 AM	Amaruq	No caribou was observed	5081MSK29	Whale Tail	05/09/2021 12:45:00	No								
Blast	05/12/2021 11:45:00 AM	Amaruq	No caribou was observed	5074MSK10+5081MSK33+5081RAK25+5067PSK27	Whale Tail	05/12/2021 12:45:00	No								
Blast	05/13/2021 11:45:00 AM	Amaruq	18 caribous at KM177 800m from the road west	5074MSK16	Whale Tail	05/13/2021 12:45:00	Yes	5/13/2021 11:45:00 AM	Caribou	18	Grazing			-96.6665579	65.40179434
Blast	05/17/2021 11:45:00 AM	Amaruq	16 caribous at KM176 500m from the road west	5081MSK27	Whale Tail	05/17/2021 12:45:00	Yes	5/17/2021 11:45:00 AM	Caribou	16	Grazing			-96.6665579	65.40179434
Blast	05/18/2021 11:15:00 AM	Amaruq	No caribou observed	5074MSK20	Whale Tail Pit	05/18/2021 12:45:00	No								
Blast	05/20/2021 11:30:00 AM	Amaruq	18 Caribou ~1km from centre of the blast	5095SUL69	Whale Tail Pit	05/20/2021 12:45:00	Yes	5/20/2021 11:30:00 AM	Caribou	18		1000	Behavior monitoring was performed during the blast on the group. Video can be found on the drive. They did not react to the blast.	-96.6665579	65.40179434
Blast	05/21/2021 11:30:00 AM	Amaruq	8 caribou near dyno rd.	5095MSL47/5095SUL71	Whale Tail pit	05/21/2021 12:45:00	Yes	5/21/2021 11:30:00 AM	Caribou	8			Behaviour monitoring and video taken of caribou during blast. No reaction from group.	-96.6665579	65.40179434
Blast	05/24/2021 12:21:00 PM	Amaruq	5 caribou near KM176.	5137MSI33	IVR pit	05/24/2021 12:45:00	Yes	5/24/2021 12:21:00 PM	Caribou	5			Behaviour monitoring and video taken of caribou during blast. No reaction from group.	-96.6037909	65.38622
Blast	05/27/2021 11:00:00 AM	Amaruq	No caribou observed	5130MSI28	IVR	05/27/2021 12:45:00	No								
Blast	05/28/2021 11:00:00 AM	Amaruq	3 groups of caribou: Nemo road (2), dyno road (5) and Km176 (6)	5095MSL75	Whale Tail Pit	05/28/2021 12:45:00	Yes	5/28/2021 11:00:00 AM	Caribou	13			3 groups of caribou: Nemo road (2), dyno road (5) and Km176 (6)	-96.69620332	65.4176116
Blast	05/29/2021 10:30:00 AM	Amaruq	No caribou observed	5144RAI50	IVR	05/29/2021 12:45:00	No								
Blast	05/31/2021 11:45:00 AM	Amaruq	No caribou observed. group were seen around in the last days but not at the time of the blast monitoring	5095RAK26	WTP	05/31/2021 12:45:00	No								
Blast	06/03/2021 11:30:00 AM	Amaruq	No caribou observed	5109PSI07	WTP	06/03/2021 12:15:00	No								
Blast	06/04/2021 11:00:00 AM	Amaruq	near Dyno/by dyno road. Behavior monitoring done	5074MSK24	Whale Tail	06/04/2021 12:45:00	Yes	6/4/2021 11:00:00 AM	Caribou	21				-96.6665579	65.40179434

Survey type	Date/Time	Location	General comments	Blast number	Blast Area	Time of blast	Wildlife observed?	Time observation	Species	Number	Behavior	Distance from blast	Comments about observation	x_coord	y_coord
Blast	06/05/2021 11:30:00 AM	Amaruq	observed at West of WT dike. Behaviour monitoring done	5130MSI32 & 5144MSI38	Whale Tail	06/05/2021 12:45:00	Yes	6/5/2021 11:30:00 AM	Caribou	27	Grazing			-96.6665579	65.40179434
Blast	06/08/2021 11:15:00 AM	Amaruq		5130MSI30	IVR Pit	06/08/2021 12:45:00	Yes	6/8/2021 11:15:00 AM	Caribou	12	Grazing		Behavior monitoring performed on the group of 12 caribous on Dyno road	-96.6665579	65.40179434
Blast	06/09/2021 11:15:00 AM	Amaruq		5095MSL49	Whale Tail Pit	06/09/2021 12:45:00	Yes	6/9/2021 11:15:00 AM	Caribou	27			Behavior monitoring performed on the group of 22 and later 27 caribous near Dyno road	-96.6665579	65.40179434
Blast	06/12/2021 12:00:00 PM	Amaruq		5074MSK06	Whale Tail Pit	06/12/2021 00:00:00	Yes	6/12/2021 12:00:00 PM	Caribou	3	Resting	2000	3 Caribou Observed during blast ~2km from center of blast. Behaviour video recorded. No reaction to blast.	-96.6665579	65.40179434
Blast	06/13/2021 11:45:00 AM	Amaruq	No wildlife	5095RAL73	Whale Tail Pit	06/13/2021 00:00:00	No								
Blast	06/16/2021 11:45:00 AM	Amaruq	No wildlife	5123MSI17	IVR	06/16/2021 00:00:00	No								
Blast	06/18/2021 12:00:00 PM	Amaruq	No caribou were observed	5095MSL49/5095MSL61	Whale Tail Pit	06/18/2021 12:45:00	No								
Blast	06/19/2021 11:30:00 AM	Amaruq	No wildlife observed	5095MSL65	Whale Tail Pit	06/19/2021 12:45:00	No								
Blast	06/20/2021 11:45:00 AM	Amaruq	No Wildlife observed	5095MSL65 (MISSHOLE)	Whale Tail Pit	06/20/2021 12:45:00	No								
Blast	06/22/2021 11:45:00 AM	Amaruq	No Wildlife observed	5074MSK38 & 5060SU02	Whale Tail Pit	06/22/2021 12:45:00	No								
Blast	06/24/2021 11:20:00 AM	Amaruq	No wildlife observed	5130MSI34	IVR Pit	06/24/2021 12:45:00	No								
Blast	06/25/2021 11:20:00 AM	Amaruq	No wildlife observed	5067MSK05	Whale Tail	06/25/2021 12:45:00	No								
Blast	06/27/2021 11:20:00 AM	Amaruq	No wildlife observed	5095MSL57	Whale Tail	06/27/2021 12:45:00	No								
Blast	06/28/2021 11:30:00 AM	Amaruq	No wildlife observed	5123MSI21	IVR Pit	06/28/2021 12:45:00	No								
Blast	07/02/2021 11:06:00 AM	Amaruq	No wildlife observed	5095MSL53+MSL55	Whale Tail	07/02/2021 12:45:00	No								
Blast	07/03/2021 11:25:00 AM	Amaruq	No wildlife observed	5123msi25+5109psi27	IVR	07/03/2021 12:45:00	No								
Blast	07/04/2021 11:20:00 AM	Amaruq	No wildlife observed	5116SI14+5109PSI28	IVR	07/04/2021 12:45:00	No								
Blast	07/05/2021 11:00:00 AM	Amaruq	No wildlife observed	5074MSK30	Whale Tail	07/05/2021 12:45:00	No								
Blast	07/07/2021 11:20:00 AM	Amaruq	No wildlife observed	5067MSK17	Whale Tail	07/07/2021 12:45:00	No								
Blast	07/08/2021 11:15:00 AM	Amaruq	No wildlife observed	5123MSI31+5116PSI09	IVR	07/08/2021 12:45:00	No								
Blast	07/10/2021 11:30:00 AM	Amaruq	No wildlife observed	5067MSK11/5067MSK13/5067MSK18		07/10/2021 12:45:00	No								
Blast	07/12/2021 10:30:00 AM	Amaruq	No wildlife observed	5095MSL67	WT	07/12/2021 12:45:00	No								
Blast	07/14/2021 10:30:00 AM	Amaruq	No wildlife observed	5095MSL63	WT	07/14/2021 12:45:00	No								
Blast	07/16/2021 11:45:00 AM	Amaruq	No wildlife observed	5109PSI33 & 5109PSI35	IVR Pit	07/16/2021 12:45:00	No								
Blast	07/22/2021 11:45:00 AM	Amaruq	No wildlife observed	5088MSL58-5088MSL62	WT Pit	07/22/2021 12:45:00	No								
Blast	07/23/2021 11:45:00 AM	Amaruq	No wildlife observed	5067MSK23	WT pit	07/23/2021 12:45:00	No								
Blast	07/24/2021 11:45:00 AM	Amaruq	No wildlife observed	5109PSI37/5144MSO97	WT Pit	07/24/2021 12:45:00	No								
Blast	07/26/2021 11:45:00 AM	Amaruq	No wildlife observed	5088MSL60/5095PPL75	WT Pit	07/26/2021 12:45:00	No								
Blast	07/28/2021 11:30:00 AM	Amaruq	No wildlife observed	5123MSI35	IVR	07/28/2021 12:45:00	No								
Blast	07/30/2021 12:00:00 PM	Amaruq	No wildlife observed	5109PSI41	IVR Pit	07/30/2021 12:45:00	No								
Blast	07/31/2021 11:20:00 AM	Amaruq	No wildlife observed	5067MSK15	Whale Tail	07/31/2021 12:45:00	No								
Blast	08/01/2021 11:20:00 AM	Amaruq	No wildlife observed	5088MSL69 & 5088MSL72	Whale Tail	08/01/2021 12:45:00	No								
Blast	08/02/2021 11:30:00 AM	Amaruq	No wildlife observed	5109PSI43	IVR Pit	08/02/2021 12:45:00	No								
Blast	08/04/2021 11:30:00 AM	Amaruq	No wildlife observed	5067MSK25, 5053SU002 & 5060SU004	WT pit	08/04/2021 12:45:00	No								
Blast	08/05/2021 12:12:00 PM	Amaruq		5088MSL64 + 5144PP001	WT pit	08/05/2021 12:45:00	Yes	8/5/2021 12:12:00 PM	Caribou	45			Blast behavior monitoring performed	65.41691236	-96.6859007
Blast	08/06/2021 11:30:00 PM	Amaruq		5095MSL91 & 5088MSL76	WT pit	08/06/2021 12:45:00	Yes	8/6/2021 11:30:00 PM	Caribou	3	Walking		On nemo road	-96.6665579	65.40179434
Blast	08/08/2021 10:30:00 AM	Amaruq	No wildlife observed	5088MSL70	WT pit	08/08/2021 12:45:00	No								
Blast	08/15/2021 10:30:00 AM	Amaruq	No wildlife observed	5060MSK04, 5046PSK03 AND 5074MSK32	Whale Tail Pit	08/15/2021 12:45:00	No								
Blast	08/17/2021 12:15:00 PM	Amaruq	No wildlife observed	5046PSK03 / 5046PSK07	Whale Tail Pit	08/17/2021 12:45:00	No								
Blast	08/18/2021 11:45:00 AM	Amaruq	No wildlife observed	5116MSI12	Whale Tail	08/18/2021 12:45:00	No								
Blast	08/19/2021 10:30:00 AM	Amaruq	3 caribous observed near Dyno Plant.	5046PSK71	Whale Tail	08/19/2021 12:45:00	Yes	8/19/2021 10:30:00 AM	Caribou	3			Behaviour monitoring was done	65.40162575	-96.66649872
Blast	08/20/2021 10:30:00 AM	Amaruq	some individual are around site.	5060MSK16	Whale Tail	08/20/2021 12:45:00	Yes	8/20/2021 10:30:00 AM	Caribou	1			Behaviour monitoring was done on one caribou just outside the blast radius by Dyno road	65.40147383	-96.66723404
Blast	08/22/2021 11:20:00 AM	Amaruq		5046PSK21 / 5046PSK13	Whale Tail	08/22/2021 12:45:00	Yes	8/22/2021 11:20:00 AM	Caribou	1			at dyno	65.40345001	-96.71925659
Blast	08/22/2021 11:20:00 AM	Amaruq		5046PSK21 / 5046PSK13	Whale Tail	08/22/2021 12:45:00	Yes	8/22/2021 11:20:00 AM	Caribou	3			near landfill. Caribou Behaviour Monitoring done on the caribou near landfill	65.40345001	-96.71925659
Blast	08/24/2021 10:30:00 AM	Amaruq		5046MSK06 / 5046MSK08	Whale Tail Pit	08/24/2021 12:45:00	Yes	8/24/2021 10:30:00 AM	Caribou	2			At dyno	65.39524384	-96.73357544
Blast	08/24/2021 10:30:00 AM	Amaruq		5046MSK06 / 5046MSK08	Whale Tail Pit	08/24/2021 12:45:00	Yes	8/24/2021 10:30:00 AM	Caribou	2			near phase 1	65.39524384	-96.73357544
Blast	08/24/2021 10:30:00 AM	Amaruq		5046MSK06 / 5046MSK08	Whale Tail Pit	08/24/2021 12:45:00	Yes	8/24/2021 11:30:00 AM	Caribou	1			near phase 2. Caribou near phase 2 was push and look at during all the blast. Very difficult since it move back on the road each time	65.39524384	-96.73357544
Blast	08/26/2021 11:30:00 AM	Amaruq	2 caribous at Pad K	5088MSL68	Whale Tail Pit	08/26/2021 12:45:00	Yes	8/26/2021 11:30:00 AM	Caribou	2	Walking		Caribous were pushed from Pad K to the tundra	-96.6665579	65.40179434
Blast	08/29/2021 11:00:00 AM	Amaruq	No caribou observed	5060MSK10, 5060SU06 & 5088MSL66	Whale Tail	08/29/2021 12:45:00	No								
Blast	09/03/2021 11:45:00 AM	Amaruq	No wildlife observed	5088RAL52	Whale Tail Pit	09/03/2021 12:45:00	No								
Blast	09/04/2021 12:45:00 AM	Amaruq	6 Caribou near Dyno Rd and Temp NAG pile	5081MSL41	Whale Tail Pit	09/04/2021 12:45:00	Yes	9/4/2021 12:45:00 AM	Caribou	6			ENV tech remained present to ensure caribou were outside blast radius. Recorded reactions to blast	-96.6665579	65.40179434
Blast	09/06/2021 11:30:00 AM	Amaruq	18 caribou near Whale Tail Ring Rd	5116MSI18+5130MSO04	WHALE TAIL PIT AND L.V.R	09/06/2021 13:45:00	Yes	9/6/2021 11:30:00 AM	Caribou	18			13-30-6 caribou near mammoth dike. Rest were 3 km from pit in tundra	-96.6665579	65.40179434
Blast	09/09/2021 11:30:00 AM	Amaruq	2 same male by Dyno road	5081MSL45/5060MSK20/5067MSK27	Whale Tail Pit	09/09/2021 12:45:00	Yes	9/9/2021 11:30:00 AM	Caribou	2	Sleeping		Behavior monitoring done on them twice	-96.6665579	65.40179434
Blast	09/10/2021 11:30:00 AM	Amaruq		5116MSI30/ 5102SU04/5109SU125/5067PSL31/5067PSL33/5074PSL35	IVR Pit	09/10/2021 12:45:00	Yes	9/10/2021 11:30:00 AM	Caribou	4		2000	4 caribou at approx. 2 km from blast. Behavior monitoring not performed as they were a bit far to observed / ridge behind non pag dump by WTS	-96.6665579	65.40179434
Blast	09/10/2021 11:30:00 AM	Amaruq		5116MSI30/ 5102SU04/5109SU125/5067PSL31/5067PSL33/5074PSL35	IVR Pit	09/10/2021 12:45:00	Yes	9/10/2021 11:30:00 AM	Caribou	6	Walking		Behavior monitoring not performed as they were a bit far to observed / ridge behind non pag dump by WTS	-96.6665579	65.40179434
Blast	09/11/2021 11:30:00 AM	Amaruq	6 caribou within 600 m of blast radius.	5144MSM19	Whale Tail Pit	09/11/2021 12:45:00	Yes		Caribou						
Blast	09/12/2021 11:30:00 AM	Amaruq		5144MSM19	Whale Tail Pit	09/12/2021 12:45:00	Yes	9/12/2021 11:30:00 AM	Caribou	5	Grazing		Caribou were observed South East of the Dyno road	-96.6665579	65.40179434
Blast	09/14/2021 11:45:00 AM	Amaruq	No wildlife observed	5130MSM08	Whale Tail Pit	09/14/2021 12:45:00	No								
Blast	09/17/2021 11:45:00 AM	Amaruq	No wildlife observed	5130MSM10	Whale Tail Pit	09/17/2021 12:45:00	No								
Blast	09/18/2021 11:20:00 AM	Amaruq	3 male caribou ~ 1km from blast center	5046PSK05 / 5046PSK07	Whale Tail Pit	09/18/2021 12:45:00	Yes	9/18/2021 11:20:00 AM	Caribou	3		1000	monitoring before and after the blast along with video was taken	-96.6665579	65.40179434
Blast	09/19/2021 11:25:00 AM	Amaruq	No caribou observed	5060MSK14 & 5067PSL39	Whale Tail Pit	09/19/2021 12:45:00	No								
Blast	09/20/2021 11:30:00 AM	Amaruq		505137MSM07 & 5067PSL41	Whale Tail Pit	09/20/2021 12:45:00	No								
Blast	09/25/2021 11:30:00 AM	Amaruq	No caribou observed	5067PSK27+29	Whale Tail Pit	09/25/2021 12:45:00	No								
Blast	09/26/2021 11:30:00 AM	Amaruq	6 male caribou around WT WRSF 11:50 no more caribou	5109MSI11	IVR Pit	09/26/2021 12:45:00	Yes	9/26/2021 11:30:00 AM	Caribou	6	Resting			-96.6665579	65.40179434
Blast	09/27/2021 11:30:00 AM	Amaruq	No caribou observed	5137MSM07	Whale Tail	09/27/2021 12:45:00	No								
Blast	09/28/2021 11:51:00 AM	Haul Road		5046PSK31 & 5060MSK22	Whale Tail 1km	09/28/2021 12:45:00	Yes	9/28/2021 11:51:00 AM	Caribou	138	Foraging	3600		-96.73357543	65.39524384
Blast	10/01/2021 11:30:00 AM	Amaruq	No caribou observed	5109MSI21	IVR Pit	10/01/2021 12:45:00	No								
Blast	10/02/2021 11:30:00 AM	Amaruq	No caribou observed	5130MSM12 & 5144MSM02	Whale Tail	10/02/2021 12:45:00	No								
Blast	10/04/2021 11:30:00 AM	Amaruq	No caribou observed	5130MSM24 & 55046PSK33	Whale Tail	10/04/2021 12:45:00	No								

Survey type	Date/Time	Location	General comments	Blast number	Blast Area	Time of blast	Wildlife observed?	Time observation	Species	Number	Behavior	Distance from blast	Comments about observation	x_coord	y_coord
Blast	10/05/2021 11:30:00 AM	Amaruq	No caribou observed	5067MSK31	Whale Tail	10/05/2021 12:45:00	No								
Blast	10/08/2021 11:20:00 AM	Amaruq	No caribou observed	5067MSK32 + 5130PSM11-13-15-17-19, GP	Whale Tail	10/08/2021 12:45:00	No								
Blast	10/16/2021 12:44:00 PM	Amaruq		5074MSL06 + 50465UK02	Whale Tail pit	10/16/2021 12:45:00	No								
Blast	10/22/2021 11:44:00 AM	Amaruq	9 caribou behind the WT WRSF.	5151SUR01+5088PSI10+5088PSI12	IVR,	10/22/2021 12:45:00	Yes	10/22/2021 11:44:00 AM	Caribou	9	Foraging	1200		-96.66658177	65.40145852
Blast	10/25/2021 11:30:00 AM	Amaruq	3 caribou near Nemo, but to foggy for behaviour	5158MSR01+5053MSK03	IVR West	10/25/2021 12:45:00	Yes	10/25/2021 11:30:00 AM	Caribou	3	Walking			-96.6665579	65.40179434
Blast	10/26/2021 11:30:00 AM	Amaruq	2 caribou spotted, but ran away	5088PSI14+5088PSI16+5088PSI18	IVR	10/26/2021 12:45:00	Yes	10/26/2021 11:30:00 AM	Caribou	2	Running			-96.6665579	65.40179434
Blast	10/27/2021 11:30:00 AM	Amaruq	No caribou/low visibility	5102MSI08	IVR	10/27/2021 12:45:00	No								
Blast	10/29/2021 11:30:00 AM	Amaruq		5067RAK29	Whale Tail Pit	10/30/2021 07:05:00	No								
Blast	10/30/2021 11:22:00 AM	Amaruq		5053MSK05	Whale Tail Pit	10/30/2021 12:45:00	No								
Blast	10/31/2021 11:30:00 AM	Amaruq		5120MSI12 + UG SPLASH	IVR & Whale Tail Pit	11/04/2021 12:45:00	No								
Blast	11/01/2021 11:04:00 AM	Amaruq		UG Vent Raise 2021-11-01	UG Vent Raise	11/01/2021 12:45:00	No								
Blast	11/05/2021 11:16:00 AM	Amaruq		NA	NA		No								
Blast	11/06/2021 12:07:00 PM	Amaruq		Vent raise	UG vent raise	11/06/2021 12:45:00	No								
Blast	11/07/2021 11:07:00 AM	Amaruq		5067msk37 & vent raise	Whale tail & vent raise	11/07/2021 11:07:00	No								
Blast	11/18/2021 11:46:00 AM	Amaruq		5053MSK09+5053MSK11	Whale Tale pit	11/18/2021 12:45:00	No								
Blast	11/20/2021 11:33:00 AM	Amaruq		5102MSI14	IVR	11/20/2021 12:35:00	No								
Blast	11/25/2021 11:30:00 AM	Amaruq		5053MSK15	Whale Tail	11/25/2021 12:45:00	No								
Blast	11/29/2021 11:40:00 AM	Amaruq		5116MSO02	Whale Tail	11/30/2021 12:45:00	No								
Blast	11/30/2021 11:42:00 AM	Amaruq		5158RAR08	IVR West	12/01/2021 12:36:00	No								
Blast	12/01/2021 11:38:00 AM	Amaruq		5095MSI05	IVR	12/01/2021 12:45:00	No								
Blast	12/05/2021 11:38:00 AM	Amaruq		5144MSM82	Whale Tail	12/05/2021 12:45:00	No								
Blast	12/06/2021 10:30:00 AM	Amaruq		5095MSI07	IVR pit	12/08/2021 12:45:00	No								
Blast	12/08/2021 12:05:00 PM	Amaruq		5130MSM04	Whale Tail Pit	12/08/2021 12:45:00	No								
Blast	12/09/2021 11:30:00 AM	Amaruq			5095 5095MSI09	12/11/2021 12:45:00	No								
Blast	12/11/2021 11:53:00 AM	Amaruq	Dyno	5130PSM27, 5130PSM26, 5137MSM15	WT pit	12/11/2021 11:53:00	Yes	12/11/2021 11:53:00 AM	Muskox	1	Resting	1200	South east of Dyno	-96.6665579	65.40179434
Blast	12/14/2021 10:40:00 AM	Amaruq		5095MSI13	IVR	12/15/2021 12:45:00	No								
Blast	12/16/2021 11:14:00 AM	Amaruq		5144MSM20, 5151MSM13, 5130PSM28	Whale Tail Pit	12/16/2021 12:45:00	No								

APPENDIX H

Hunter Harvest Study



MEADOWBANK COMPLEX MINE

2021 HUNTER HARVEST STUDY AND CREEL SURVEY SUMMARY REPORT

08 MARCH 2022 FINAL

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Appendix A	2021 Hunter Harvest Calendar
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SECTION 1 • EXECUTIVE SUMMARY

A Baker Lake Hunter Harvest Study (HHS) conducted from 2007 to 2015 was relaunched in 2019 and continued into 2021. The study included more than 50 participants of which 39 reported harvesting Caribou (*Rangifer tarandus*). Given an estimated 300 to 350 active hunters in the Hamlet of Baker Lake, the HHS represents from 11 to 13% of hunters in the community. With a total reported Caribou harvest of 513 in 2021, the total Caribou harvest in Baker Lake is estimated to range from 3,946 to 4,664 Caribou. This estimate is likely high because the current study attracted some of the more successful hunters (e.g., Baker Lake Hunters and Trappers Organization members) in the community.

Compared to the average across other years, Caribou were harvested at a higher percentage within 5 km of the All-Weather Access Road and at a lower percentage within the Regional Study Area in 2021. Harvest levels in 2021 in close proximity to mining facilities were well within threshold levels established during the impact assessment.

Two Muskox (*Ovibos moschatus*), 20 Wolverine (*Gulo gulo*), and 26 Wolves (*Canis lupus*) were harvested in 2021, which is lower than in 2020. Arctic Fox (*Vulpes lagopus*) and Red Fox (*Vulpes vulpes*) were also harvested.

Lake Trout (*Salvelinus namaycush*) and Lake Whitefish (*Coregonus clupeaformis*) were the most common species caught by fisherman and were reported at considerably higher numbers than in 2020.

SECTION 2 • OVERVIEW

As outlined in the original TEMP (Cumberland 2006) and the June 2019 version (Agnico Eagle 2019), and as a requirement of NIRB Project Certificate No. 004 Terms and Conditions 51 and 54, the Baker Lake Hunter Harvest Study (HHS) was initiated in March 2007 by Agnico Eagle. The HHS was conducted in association with the Baker Lake Hunters and Trappers Association (HTO) to monitor and document the spatial distribution, seasonal patterns, and harvest rates of hunter kills and angler catches within the Meadowbank Regional Study Area (RSA).

After low participation during the first year of the study, methods were strategically adapted, participation increased steadily, and valuable information on harvest patterns in the Baker Lake area was collected. The HHS, through regular visits, contributed to developing a strong relationship with local harvesters, the HTO, and the Government of Nunavut, Department of Environment (GN). Data were provided annually in monitoring reports from 2007 to 2015 and in 2019 to 2020.

The HHS was suspended for three years (2016 and 2018) to develop new approaches and direction. Following consultation with the HTO, Kivalliq Inuit Association (KivIA), GN, and other agencies in November 2016 (Winnipeg) and June 2017 (Ottawa), Agnico Eagle reinitiated the HHS in March 2019, which for the first time also encompassed the Whale Tail RSA as part of the Meadowbank Complex. The study approach was similar to previous years, but suggestions and guidance received during the consultation period were incorporated into the study. The study was conducted through 2020 and 2021 and continues into 2022.

SECTION 3 • OBJECTIVES

The primary objectives of the HHS are to monitor potential project-related effects on harvesting of wildlife by residents of Baker Lake. This objective is achieved by estimating the following key metrics:

1. The distribution of Caribou (*Rangifer tarandus*), Muskox (*Ovibos moschatus*), and Wolverine (*Gulo gulo*) harvest by residents of Baker Lake; and
2. The total level (or an index of) Caribou, Muskox, and Wolverine harvest by residents of Baker Lake.

Other objectives of the HHS, established in consultation with the Terrestrial Advisory Group (TAG), or other participants include:

- 1) Supporting creel surveys by gathering information on Arctic Char (*Salvelinus alpinus*), Lake Trout (*Salvelinus namaycush*), Lake Whitefish (*Coregonus clupeaformis*), and Arctic Grayling (*Thymallus arcticus*) catch rates and Inuit-use patterns in the Baker Lake area;
- 2) Understanding regional distribution of hunting and fishing activity;
- 3) Investigating seasonal timing of hunting and fishing activity; and
- 4) Determining whether increased harvest and catch rates are associated with the Meadowbank All-Weather Access Road (AWAR) and Whale Tail Hail Road (WTHR).

As discussed during consultation with stakeholders, the HHS will further seek to: a) increase and maintain the hunter participant rate in the future of the program; b) improve resource protection; c) improve hunter awareness and education; d) increase the integration of Inuit Qaujimajatuqangit and Traditional Knowledge; e) increase availability of data to support a collective approach to understanding wildlife harvest; and f) assist Agnico Eagle in mitigative actions and the GN in management decisions.

SECTION 4 • METHODOLOGY

The wildlife species that are the focus of the HHS are Caribou, Muskox and Wolverine; however, harvest data on other species, such as Wolf (*Canis lupus*), Arctic Fox (*Vulpes lagopus*), geese and other birds is also collected. The few species in the study were deliberately chosen to make data entry and collection as simple as possible. To support creel surveys, data on fish harvest (i.e., Arctic Char, Lake Trout, Lake Whitefish, and Arctic Grayling) are also collected.

Inuit and non-Inuit residents, at least 16 years of age, are eligible to participate in the harvest survey. Harvest calendars are provided on a household basis, rather than an individual basis, to simplify data entry and collection, and reflect household hunting patterns. The harvest calendar is attractive and consists of local photographs of wildlife and Baker Lake residents (see **Appendix A** for 2021 calendar). Space is provided for each calendar day where harvest details can be documented. A map is provided at the end of the calendar that delineates a 4 km² UTM grid within the Baker Lake and Meadowbank Complex areas. Each grid has a unique code to facilitate recording of information. When calendars are issued, participants or participating households are encouraged to write harvest details (e.g., number of animals, sex, age, and location (i.e., grid code) for the appropriate date on the calendar.

Participants were interviewed in person three times during the year (i.e., June 2021, October 2021, and January 2022) by the harvest study coordinator. During the January 2022 interviews, remaining data from 2021 were collected. The purpose of the interviews is to ensure all harvest data are recorded on the calendars and to collect incidental information to compliment calendar data, including notable Caribou movements, aggregations, and unique observations. Between interview periods, participants were often contacted by phone or social media to encourage recording of harvest data.

Features of the 2021 HHS included: 1) building long-term relationships between participants and researchers; 2) increasing engagement with participants on social media platforms such as Facebook and Instagram; and 3) increasing incentives for participating in the study (e.g., gas vouchers and prizes).

SECTION 5 • HISTORICAL RESULTS

The Baker Lake HTO member list (provided by Ms. Joan Scottie [HTO Board Member] in 2008) consisted of 683 local area hunters/trappers/fishermen (collectively termed ‘hunter’ for the remainder of this memo), a number that has likely changed since then. The member count in 2008 was a highly conservative (i.e., high) estimate of the number of individuals that hunt, trap or fish in the community as the list typically includes entire families. If just the heads of each household are counted, there were 389 potential hunters within the Baker Lake community in 2008. Although this value is still likely conservative (given that many of these individuals do not actively hunt or fish), the number is more comparable to the comprehensive 5-year Nunavut Wildlife Harvest Study (NWMB 2005) in which 336 Baker Lake hunters were contacted and interviewed.

Between 1996 and 2001, 18% of Caribou harvests were estimated to be within 5 km of the AWAR (prior to construction) and 67% of harvests occurred within the RSA (NWMB 2005). In the first year of the HHS study (2007), prior to completion of the AWAR, 34% of harvests were reported within 5 km of the AWAR alignment and 79% were recorded within the RSA. The HHS data (2007 to 2015 and 2019 to 2020) fluctuated between 34 and 43% of reported harvest within 5 km of the AWAR, and between 64 and 85% within the RSA.

In 2008, 296 Caribou were reported as being harvested by Baker Lake HHS study participants. Harvest numbers steadily increased to 685 in 2011, and then decreased to 269 in 2014, the lowest reported harvest in seven years. In 2020, total Caribou harvested was 652, which was slightly more than the 647 reported in 2019. If an average of approximately 10% of all Baker Lake hunters actively participated in the study (5% estimated for 2014), extrapolation of historical HHS values suggests approximately 3,000 to 6,000 Caribou are harvested each year in the Hamlet of Baker Lake. These estimates are in general agreement with historical harvest studies. Specifically, using the upper limit of the standard error in the Nunavut Wildlife Harvest Study, between 2,230 and 3,116 Caribou were harvested each year between 1996 and 2001 (NWMB 2005). Similarly, the Interdisciplinary Systems (IDS) report (IDS 1978) estimated an annual Caribou harvest in Baker Lake of 4,100 during the 1970s.

Based on the NWMB (2005) and HHS results (2007 to 2015 and 2019 to 2020), highest Caribou harvests have occurred in September and October, with a second smaller peak in March and April. The similar pattern between the studies indicates that seasonal hunting preferences have not changed markedly in the last two decades.

Reported harvests of Muskox and Wolverine remained low, precluding any interpretation of potential mine-related effects. Low densities of these species and their general aversion to humans require hunters to hunt well away from the AWAR; however, the presence of the AWAR is thought to have little effect on participant hunting patterns for Muskox and Wolverine. Wolverine harvest reports decreased from a maximum of 15 animals in 2010 to one (1) animal in 2015; however, in 2019 and 2020, reported Wolverine harvests were at an all-time high of 18 and 22 individuals, respectively.

SECTION 6 • 2021 HUNTER HARVEST STUDY RESULTS

6.1 NUMBER OF HUNTERS

The HHS included 55 participants by the end of 2021, which is lower than the 64 participating in 2020 because of several older hunters indicating that “they don’t hunt anymore”. Of the 2021 participants, Caribou harvest data had been collected from 39 participants, which is higher than the 28 participants that reported Caribou harvests in 2015, and slightly lower than the number of hunters reporting harvests in 2019 (42) and 2020 (43).

Based on the previous discussion of total numbers of hunters in the Hamlet of Baker Lake (**Section 5 Historical Results**), there were 389 potential hunters within the Baker Lake community in 2008. The number is comparable to the comprehensive 5-year Nunavut Wildlife Harvest Study (NWMB 2005) in which 336 Baker Lake hunters were contacted and interviewed. Discussions with Baker Lake HTO members in 2019 suggest the total number of hunters is over 300. Given the historical and current number of hunters in Baker Lake, an estimate of 300 to 350 active hunters is used in this analysis. Based on these numbers, the 39 hunters reporting Caribou harvest in 2021 conservatively represent from 11 to 13% of total hunters in the community.

6.2 DISTRIBUTION OF HUNTING




Figure 6.1 shows the distribution of Caribou harvest within the HHS data collection area. Hunting is concentrated in the vicinity of the Hamlet of Baker Lake and along the AWAR to approximately KM 85. Limited harvests were reported along the Thelon River system to Aberdeen Lake, and along the northeastern shore of Baker Lake. Annual variation in harvest location and intensity is attributable to numerous factors. For instance, many hunters have stated during informal discussions that they have a ‘favorite’ hunting area that they frequent each year. Some hunters have stated that they prefer hunting in ‘convenient’ locations, whereas other hunters prefer remote locations well away from frequented areas. A percentage of hunters also enjoyed partaking in long distance hunting trips over multiple days.

Between 1996 and 2001, 18% of Caribou harvests were estimated to be within 5 km of the AWAR (prior to construction) and 67% of harvests occurred within the Meadowbank RSA (NWMB 2005). In the first year of the HHS study (2007), prior to completion of the AWAR, 34% of harvests were reported within 5 km of the AWAR alignment and 79% were recorded within the Meadowbank RSA (see **Table 6.1**). The HHS data (2007 to 2015 and 2019 to 2020) fluctuated between 34 and 54% of reported harvest within 5 km of the AWAR, and between 64 and 85% within the Meadowbank RSA. The 2021 HHS data indicated that 43% of reported harvest occurred within 5 km of the AWAR, and 71% occurred within the Meadowbank RSA (see **Table 6.1**). As was the case in other years, threshold levels of 20% set for monitoring the effects of the Meadowbank mine development (note – does not include the Whale Tail project, which was approved under a separate permit with a different effect assessment) on the distribution of Caribou harvest were not exceeded (see **Figure 6.2**).




**Figure 6.1 Total
Number of Caribou
Harvested in 2021**

Legend





Meadowbank

-  All-Weather Access Road
-  AWAR Local Study Area (LSA)
-  Regional Study Area (RSA)

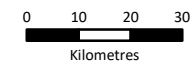
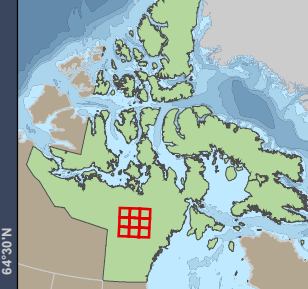
Whale Tail

-  Whale Tail Haul Road
-  Local Study Area (LSA)
-  Regional Study Area (RSA)

Total Caribou Harvested

-  1 - 2
-  3 - 5
-  6 - 10
-  >10

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:

Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
Gebauer & Associates Ltd.

Meadowbank Gold Project

Prepared
for:



AGNICO EAGLE

By:

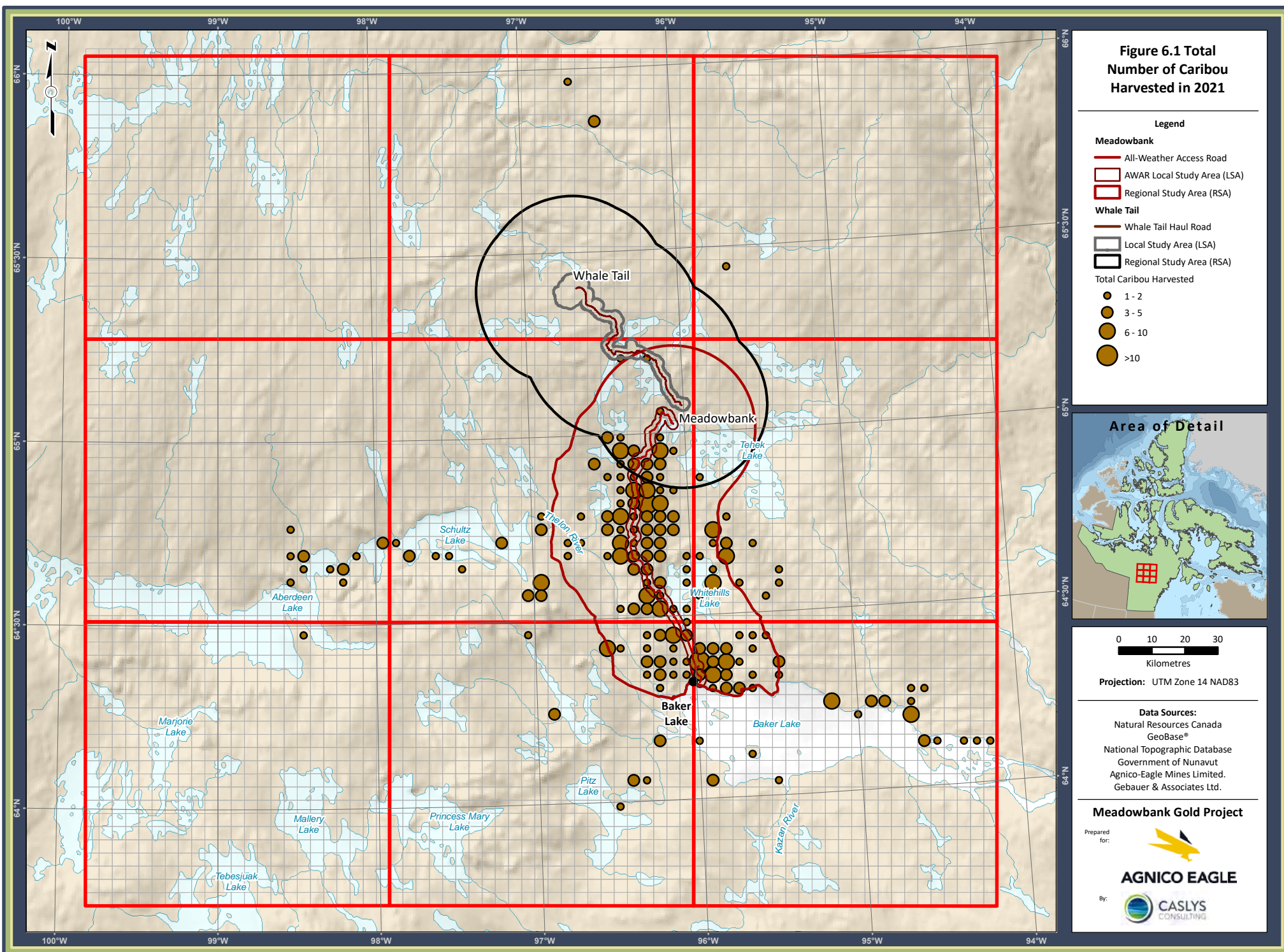


Table 6.1: Caribou Harvest Distribution along the AWAR and within the Meadowbank LSA and RSA (1996 to 2001 [NWMB], and 2007 to 2015 and 2019 to 2021 [Baker Lake HHS]).

Study	Participation Rate within 5 km of AWAR (% of total hunters)	Average Caribou Harvest within 5 km of AWAR per Participant	% of Annual Harvest within 5 km of AWAR	% of Annual Harvest within Meadowbank LSA	% of Annual Harvest within Meadowbank RSA
NWMB 1996 to 2001	n/a	n/a	18	7	67
Baker Lake HHS 2007	17 (49%)	4.8	34	12	79
Baker Lake HHS 2008	16 (94%)	6.9	37	28	73
Baker Lake HHS 2009	27 (75%)	7.9	36	20	78
Baker Lake HHS 2010	33 (89%)	7.3	38	22	73
Baker Lake HHS 2011	40 (85%)	7.1	42	25	74
Baker Lake HHS 2012	31 (67%)	5.6	35	20	80
Baker Lake HHS 2013	38 (86%)	4.8	43	27	85
Baker Lake HHS 2014	19 (70%)	5.7	40	28	83
Baker Lake HHS 2015	24 (67%)	6.9	54	34	84
Baker Lake HHS 2019	40 (95%)	5.4	34	22	64
Baker Lake HHS 2020	34 (79%)	5.8	30	19	62
Baker Lake HHS 2021	34 (87%)	6.6	43	32	71
Average (2007 to 2021)	29 (79%)	6.2	39	24	76

In 2021, three (3) Caribou were harvested within 5 km of the WTHR, which compares to no reported harvest during the NWMB harvest study and five (5) Caribou harvested in 2019 (no harvests were reported in 2020) (see **Table 6.2**). Overall harvest numbers were too low to determine whether harvests have increased following construction of the WTHR. Within the Whale Tail RSA (note – overlaps with the Meadowbank RSA), a total of 48 harvests were reported in 2021, which is above the average across the first 11 years of the study but lower than reported harvests in 2011 (103 Caribou), 2015 (53), and 2019 (85). Given the low numbers of reported harvests close to the WTHR and the prohibition of the public from the WTHR, it is unlikely that the presence of the road has resulted in increased harvest.

6.3 MAGNITUDE OF HUNTING

In 2021, a total of 513 Caribou were reported as being harvested by 39 participants in the Baker Lake HHS, which includes harvests in the Meadowbank and Whale Tail study areas (see **Table 6.3**). Given that the 39 hunters represent an estimated 11 to 13% of the Baker Lake hunting community (see **Section 6.1**), the total estimated number of Caribou harvested in 2021 ranged from 3,946 to 4,664 animals, which is lower than estimates in 2019 and 2020. This estimate is very likely conservative (i.e., high) since the Baker Lake HHS targeted known hunters in the community with some known to be particularly successful.



Figure 6.2: Percent of Caribou Harvest within the Meadowbank RSA from 2007 to 2015 (Years 1 to 9), and 2019 to 2021 (Years 10 to 12) Compared to Baseline and Threshold Levels.

Table 6.2: Caribou Harvest Distribution along the WTHR and within the Whale Tail LSA and RSA (1996 to 2001 [NWMB], and 2007 to 2015 and 2019 to 2021 [Baker Lake HHS]).

Study	Annual Harvest within 5 km of WTHR	Annual Harvest within Whale Tail LSA	Annual Harvest within Whale Tail RSA
NWMB 1996 to 2001	0	0	17
Baker Lake HHS 2007	1	1	1
Baker Lake HHS 2008	0	0	15
Baker Lake HHS 2009	1	0	15
Baker Lake HHS 2010	0	0	20
Baker Lake HHS 2011	0	0	103
Baker Lake HHS 2012	0	0	7
Baker Lake HHS 2013	0	0	16
Baker Lake HHS 2014	0	0	17
Baker Lake HHS 2015	0	0	53
Baker Lake HHS 2019	5	5	85
Baker Lake HHS 2020	0	0	12
Baker Lake HHS 2021	3	3	48
Average (2007 to 2020)	0.64	0.55	31.27
Average (2007 to 2021)	0.83	0.75	32.67

Table 6.3: Hunter Caribou Harvest Statistics from the NWMB (2005) Study and Baker Lake HHS (2007 to 2015; 2019 to 2021), which includes the Meadowbank and Whale Tail Areas.

Baker Lake Hunter Harvest Study – Agnico Eagle Mines Ltd.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
2007	0	7	89	22	44	6	6	6	37	14	5	2	238
2008	13	15	14	10	19	14	25	34	56	47	24	25	296
2009	42	52	41	28	28	18	30	88	114	102	11	33	587
2010	27	35	34	66	47	41	46	67	82	117	48	18	628
2011	14	47	64	53	78	39	42	35	123	108	2	75	680
2012	43	30	60	71	41	44	13	19	39	37	72	27	496
2013	5	47	55	28	18	18	20	46	76	40	35	32	420
2014	13	26	20	42	7	11	4	5	43	68	14	16	269
2015	7	9	17	13	6	46	12	8	66	74	35	12	305
2019	7	25	72	86	30	39	17	29	52	187	55	48	648
2020	6	14	8	14	12	16	18	95	119	151	88	111	652
2021	29	27	61	16	44	23	20	54	90	54	36	56	513
Total #	206	334	535	449	374	315	253	486	897	999	425	455	5,728
Average	18.7	27.8	44.6	37.4	31.2	26.3	21.1	40.5	74.8	83.3	35.4	37.9	477.3
% of Total	3.6%	5.8%	9.3%	7.8%	6.5%	5.5%	4.4%	8.5%	15.7%	17.4%	7.4%	7.9%	100.0%

Table 6.3: Continued.

Nunavut Wildlife Harvest Study - Nunavut Wildlife Management Board (NWMB)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
1996						141	190	490	428	435	202	178	2,064
1997	118	144	146	167	217	159	162	354	322	553	295	196	2,833
1998	137	124	192	193	159	85	163	153	272	407	254	135	2,274
1999	137	131	99	211	222	111	148	433	528	409	74	66	2,569
2000	96	86	75	135	213	76	187	333	309	98	186	163	1,957
2001	150	126	146	156	127								705
Total #	638	611	658	862	938	572	850	1,763	1,859	1,902	1,011	738	12,402
Average	127.6	122.2	131.6	172.4	187.6	114.4	170	352.6	371.8	380.4	202.2	147.6	2,067
% of Total	5.1	4.9	5.3	7.0	7.6	4.6	6.9	14.2	15.0	15.3	8.2	6.0	100.0

6.4 SEASONAL DISTRIBUTION AND TIMING OF HUNTING

Based on the NWMB (2005) and inclusive Baker Lake HHS results (2007 to 2015; 2019 to 2021), highest Caribou harvests have occurred in September and October, with a second smaller peak in March and April (see **Figure 6.3**). The similar pattern between the studies indicates that seasonal hunting preferences have not changed markedly in the last decade. More details on the seasonal timing of harvest in 2021 can be found in **Figure 6.4** (i.e., numbers of animals harvested, numbers of participants, and average number of animals harvested by participant by month) and **Figure 6.5** (i.e., Caribou harvest numbers by season and proximity to the access roads).

The seasonal distribution of hunting is illustrated in **Figure 6.1**, which includes all 2021 results, and **Figures 6.6a to 6.6d**, representing the spring, summer, fall and winter Caribou seasons outlined in the TEMP. In spring, overall Caribou hunting was generally low with hunting occurring primarily in the Whitehills Lake area (**Figure 6.6a**). During the summer, Caribou were harvested across a larger area but particularly along the AWAR around Km 85, near the Hamlet of Baker Lake, and along the Thelon River to Aberdeen Lake (**Figure 6.6b**). Two Caribou were harvested near the WTHR in the summer (**Figure 6.6b**). In the fall, hunting was much more concentrated along the AWAR north of Whitehills Lake, around the Prince River, and along the northern shore of Baker Lake (**Figure 6.6c**). Unlike 2020, no fall Caribou harvests were reported along the Kazan River south of Baker Lake. One Caribou was harvested near the WTHR in the fall (**Figure 6.6b**). In winter, fewer Caribou were hunted along the AWAR (**Figure 6.6d**). Successful hunters were those that travelled further afield by snowmobile (e.g., northwest of Whitehills Lake and along the Thelon River to Aberdeen Lake).

6.5 OTHER WILDLIFE SPECIES

There were only two reported harvests for Muskox in 2021, which precludes any interpretation of potential mine-related effects. Surprisingly, one Moose (*Alces alces*) was also reported as being harvested in 2021, but this was outside of the study area. Moose in the Baker Lake area are well north of their known range. Wolverines (total of 20 in 2021 – the second highest yearly tally to date) were hunted close to Baker Lake, in the Whitehills Lake area, and along the Thelon River to Aberdeen Lake (see **Figure 6.7**). Wolves (total of 26 in 2021; significantly lower than the 88 reported in 2020) were either harvested close to Baker Lake or in the Aberdeen Lake area (**Figure 6.7**). In general, relatively low densities of Wolves and their general aversion to humans requires hunters to hunt well away from the AWAR. In 2021, the presence of the AWAR may have had some influence on participant hunting patterns for Muskox and Wolverine.

Arctic Fox (total of 5 in 2021; compared to 11 in 2020) was primarily trapped in the vicinity of Baker Lake, while Red Fox were harvested west of Baker Lake and west of Third Portage Lake (**Figure 6.8**). One Grizzly Bear was taken outside of the study area. Birds (e.g., goose, duck, ptarmigan etc.) were reported as being collected primarily on an island southeast of Baker Lake (**Figure 6.9**).

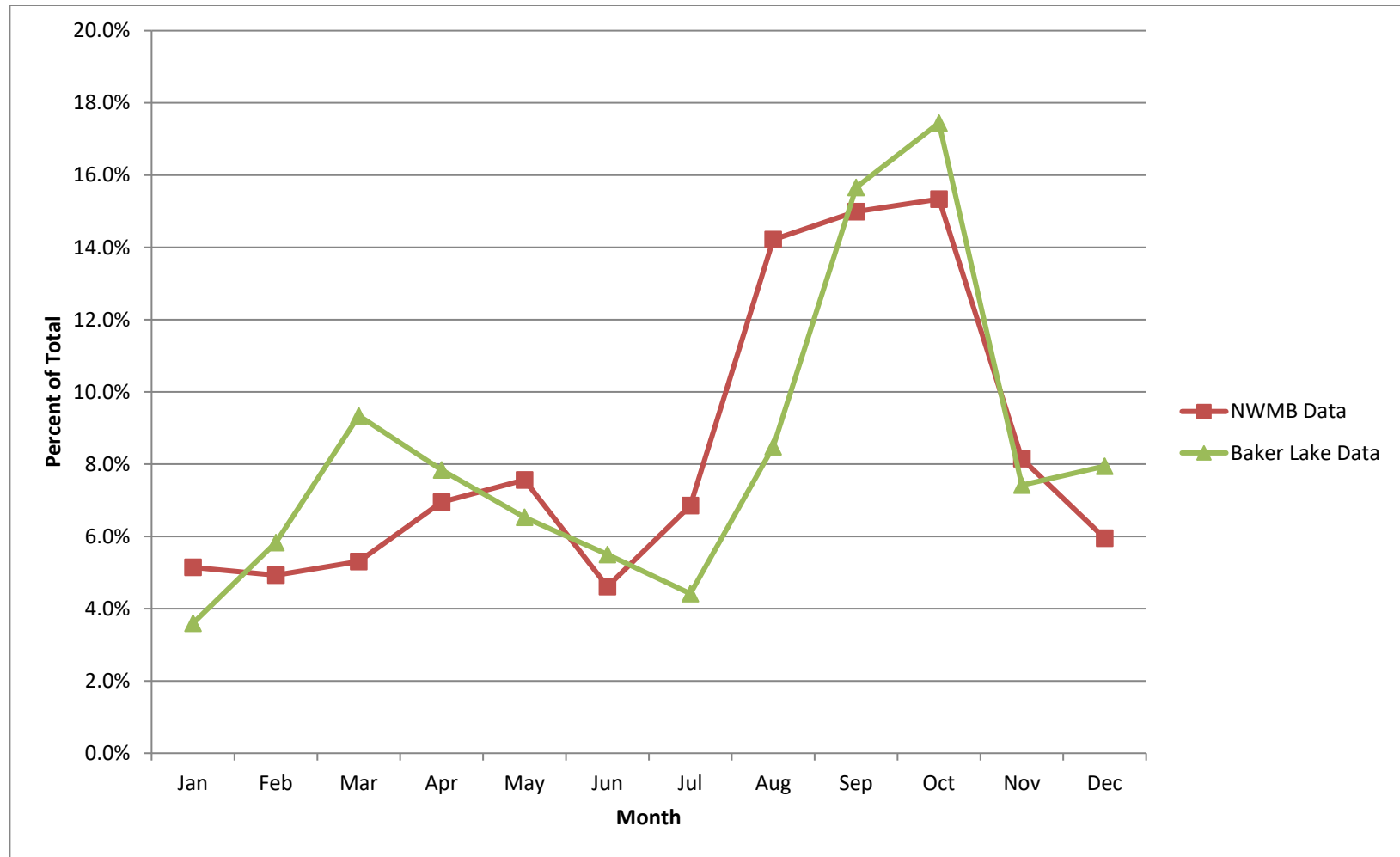


Figure 6.3: Seasonal Trends in Caribou Harvest from the Baker Lake HHS (2007 to 2015; 2019 to 2021) and the NWMB Study (1996 to 2001)

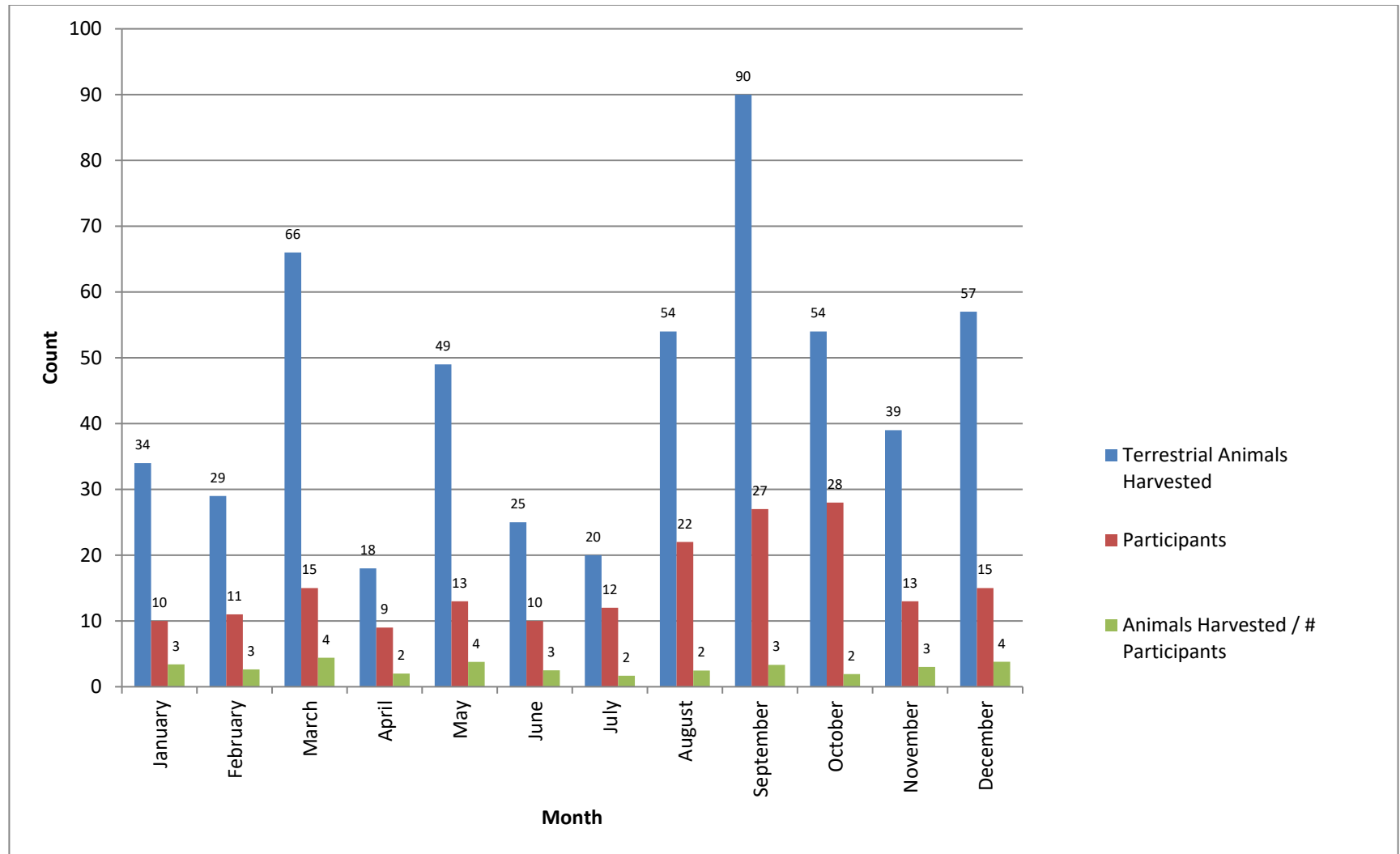


Figure 6.4: Terrestrial Animals Harvested per Month and by Participant in 2021.

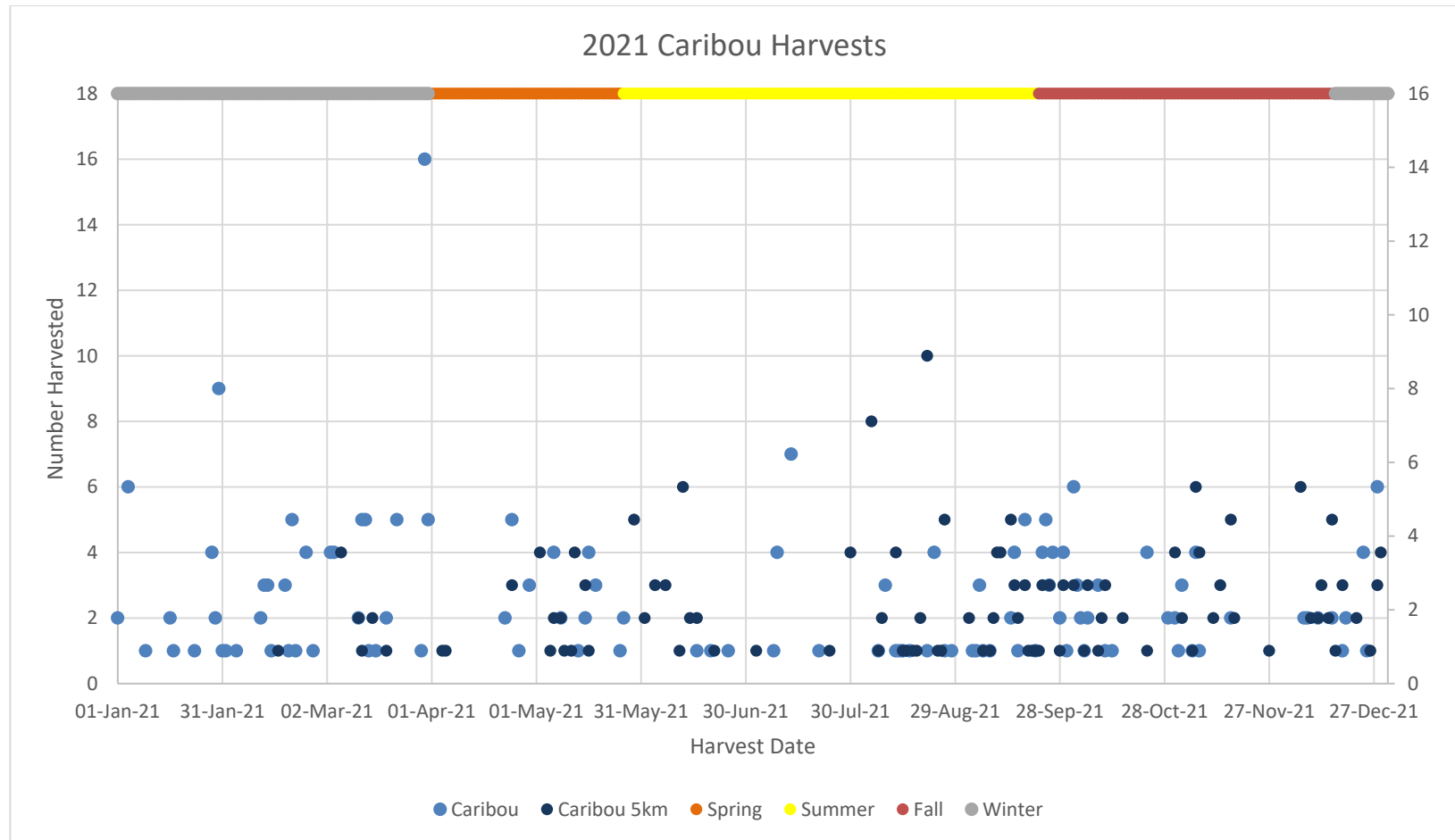


Figure 6.5: Number of Caribou harvested in each Caribou Season and Proximity to Access Roads in 2021.

Figure 6.6a: Total Number of Caribou Harvested Spring 2021 (Apr 1 - May 25)

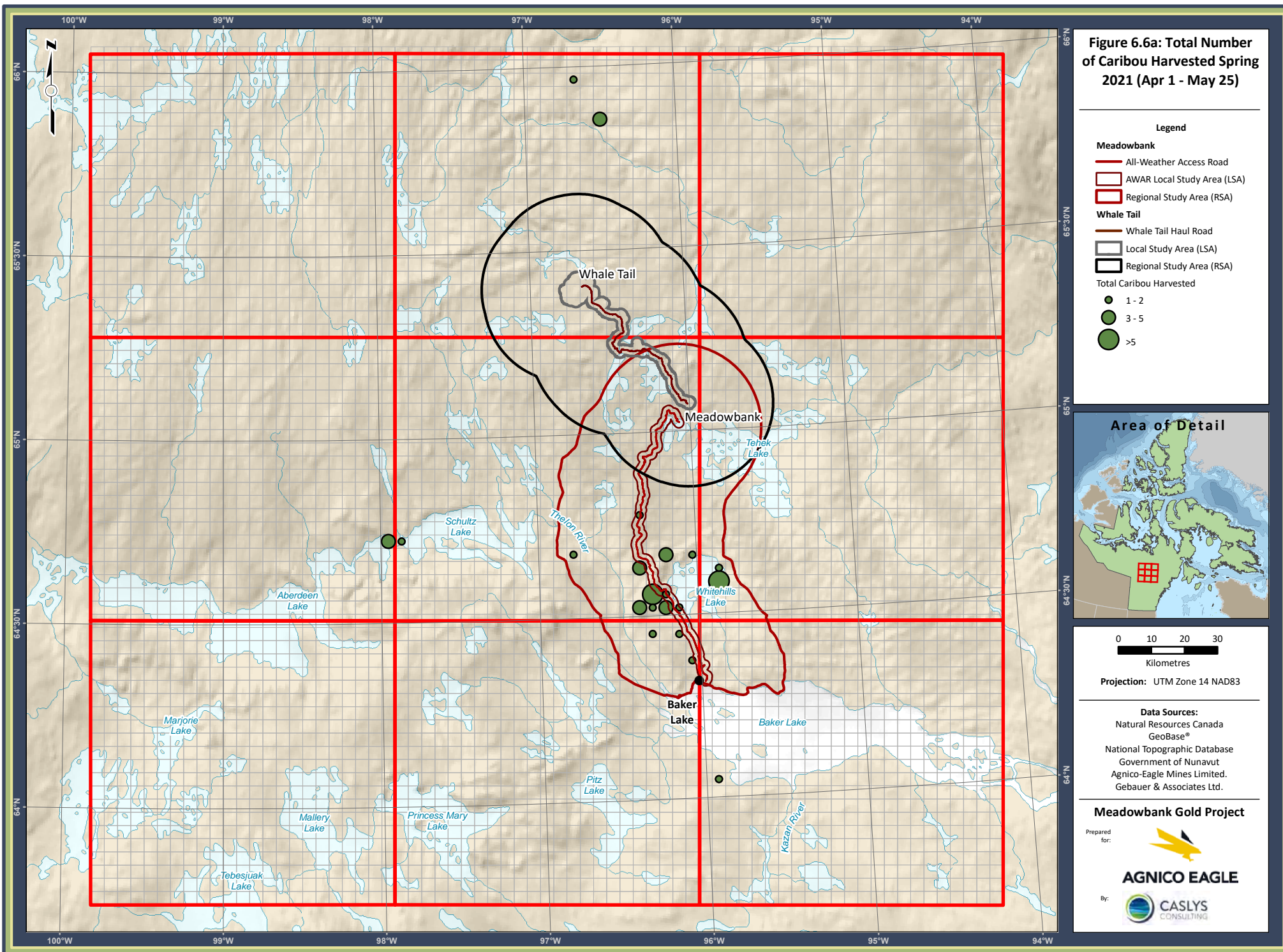


Figure 6.6b: Total Number of Caribou Harvested Summer 2021 (May 26 - Sep 21)

Legend

Meadowbank

- All-Weather Access Road
- AWAR Local Study Area (LSA)
- Regional Study Area (RSA)

Whale Tail

- Whale Tail Haul Road
- Local Study Area (LSA)
- Regional Study Area (RSA)

Total Caribou Harvested

- 1 - 2
- 3 - 5
- 6 - 10
- >10

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:

Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited,
Gebauer & Associates Ltd.

Meadowbank Gold Project

Prepared for:



AGNICO EAGLE

By:

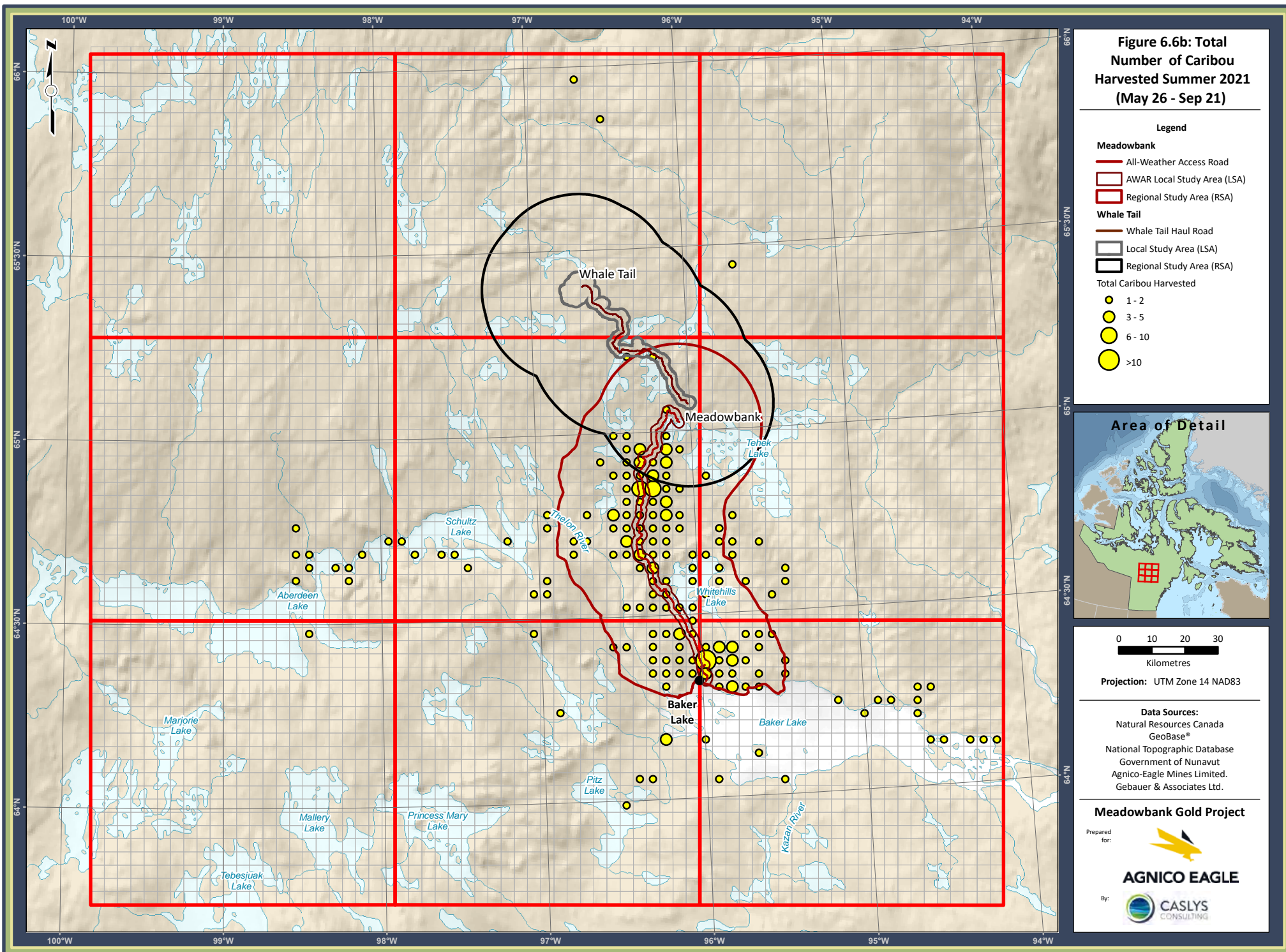
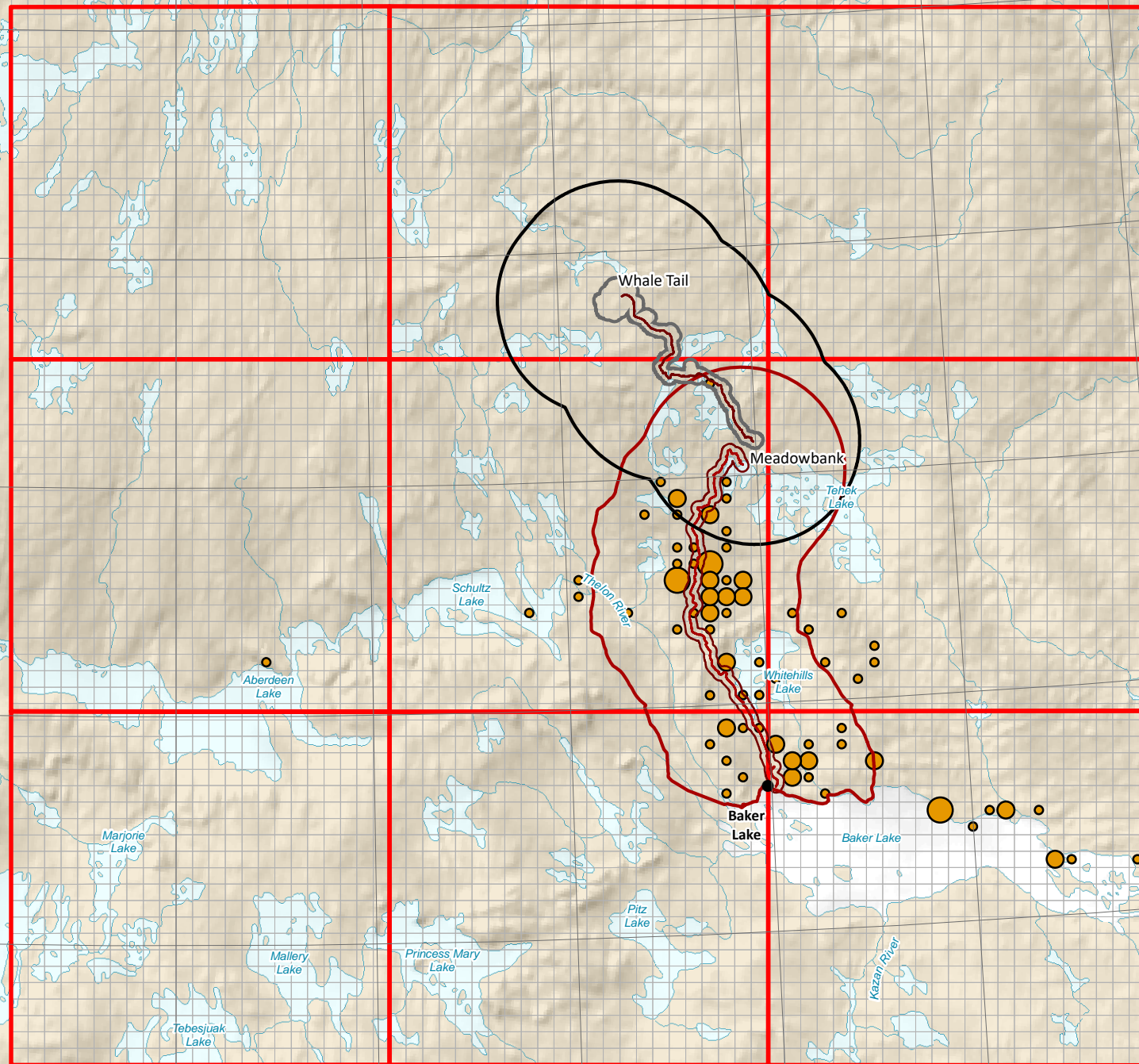


Figure 6.6c: Total Number of Caribou Harvested Fall 2021 (Sep 22 - Dec 15)



- Legend**
- Meadowbank**
- All-Weather Access Road
 - AWAR Local Study Area (LSA)
 - Regional Study Area (RSA)
- Whale Tail**
- Whale Tail Haul Road
 - Local Study Area (LSA)
 - Regional Study Area (RSA)
- Total Caribou Harvested**
- 1 - 2
 - 3 - 5
 - >5



0 10 20 30
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
 Natural Resources Canada
 GeoBase®
 National Topographic Database
 Government of Nunavut
 Agnico-Eagle Mines Limited.
 Gebauer & Associates Ltd.

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for:



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By:



Figure 6.6d: Total Number of Caribou Harvested Winter 2021 (Dec 16 - Mar 31)

Legend

Meadowbank

- All-Weather Access Road
- AWAR Local Study Area (LSA)
- Regional Study Area (RSA)

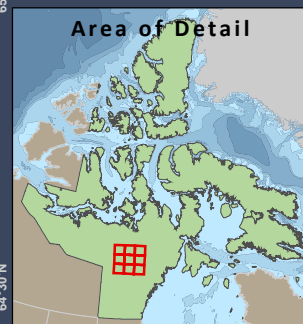
Whale Tail

- Whale Tail Haul Road
- Local Study Area (LSA)
- Regional Study Area (RSA)

Total Caribou Harvested

- 1 - 2
- 3 - 5
- >5

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:

Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
Gebauer & Associates Ltd.

Meadowbank Gold Project

Prepared for:



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By:

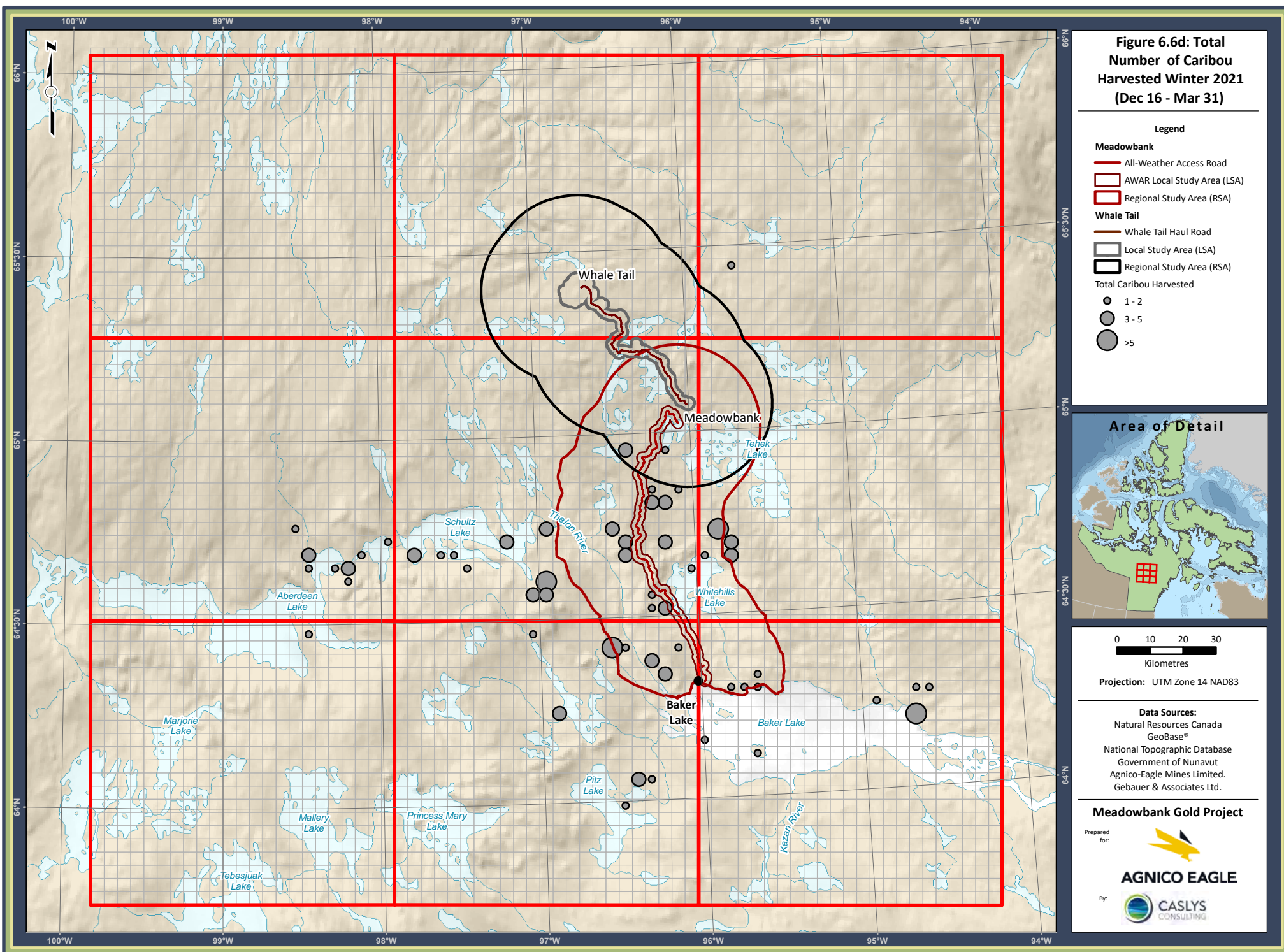
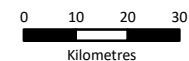
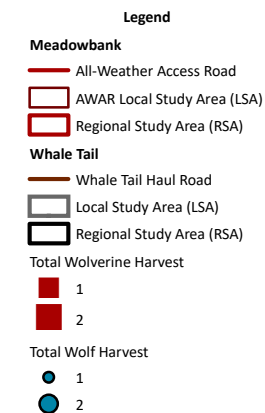


Figure 6.7: Total Number of Wolves and Wolverines Harvested in 2021



Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
Gebauer & Associates Ltd.

Meadowbank Gold Project

Prepared for:



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By:

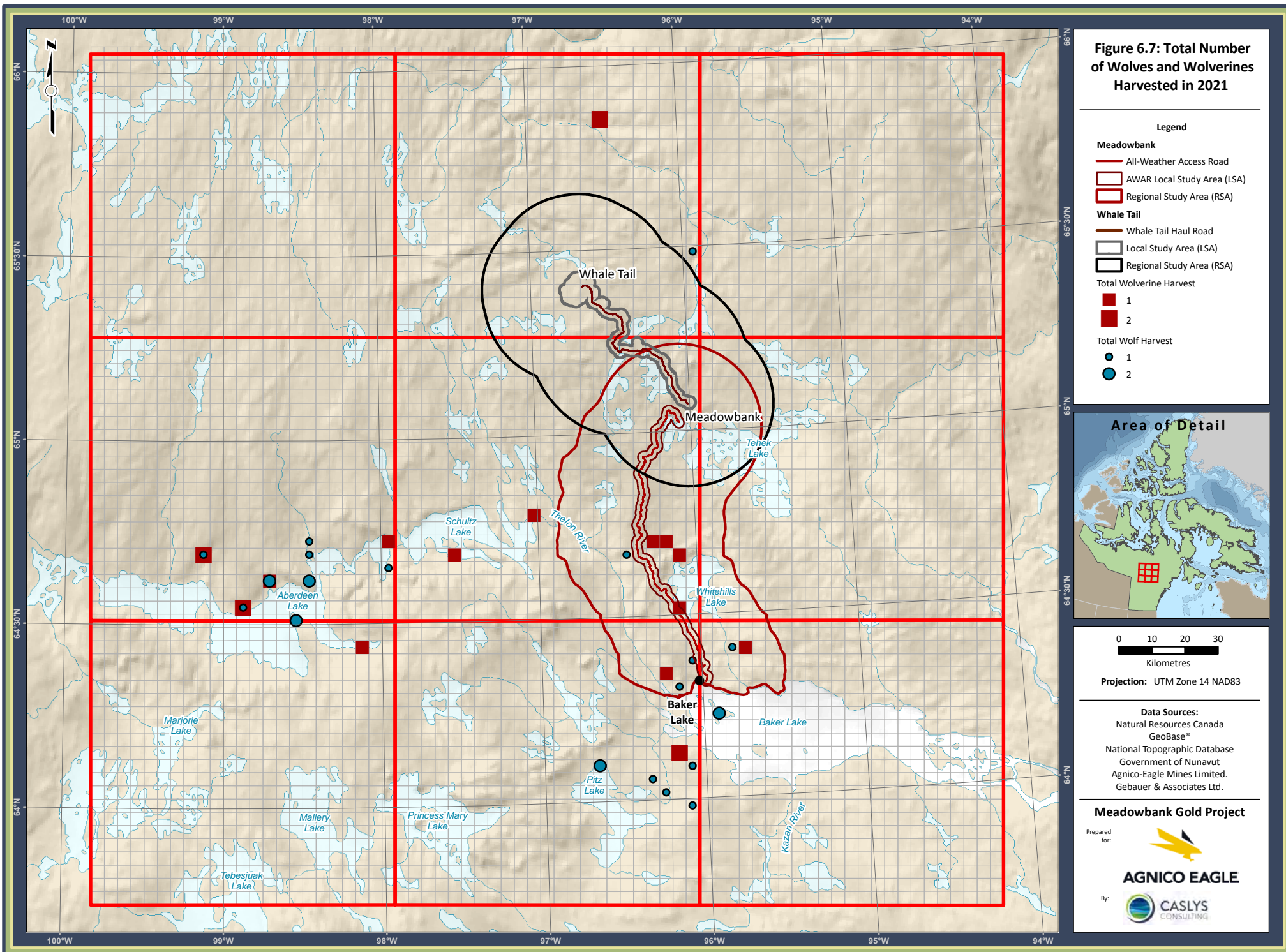
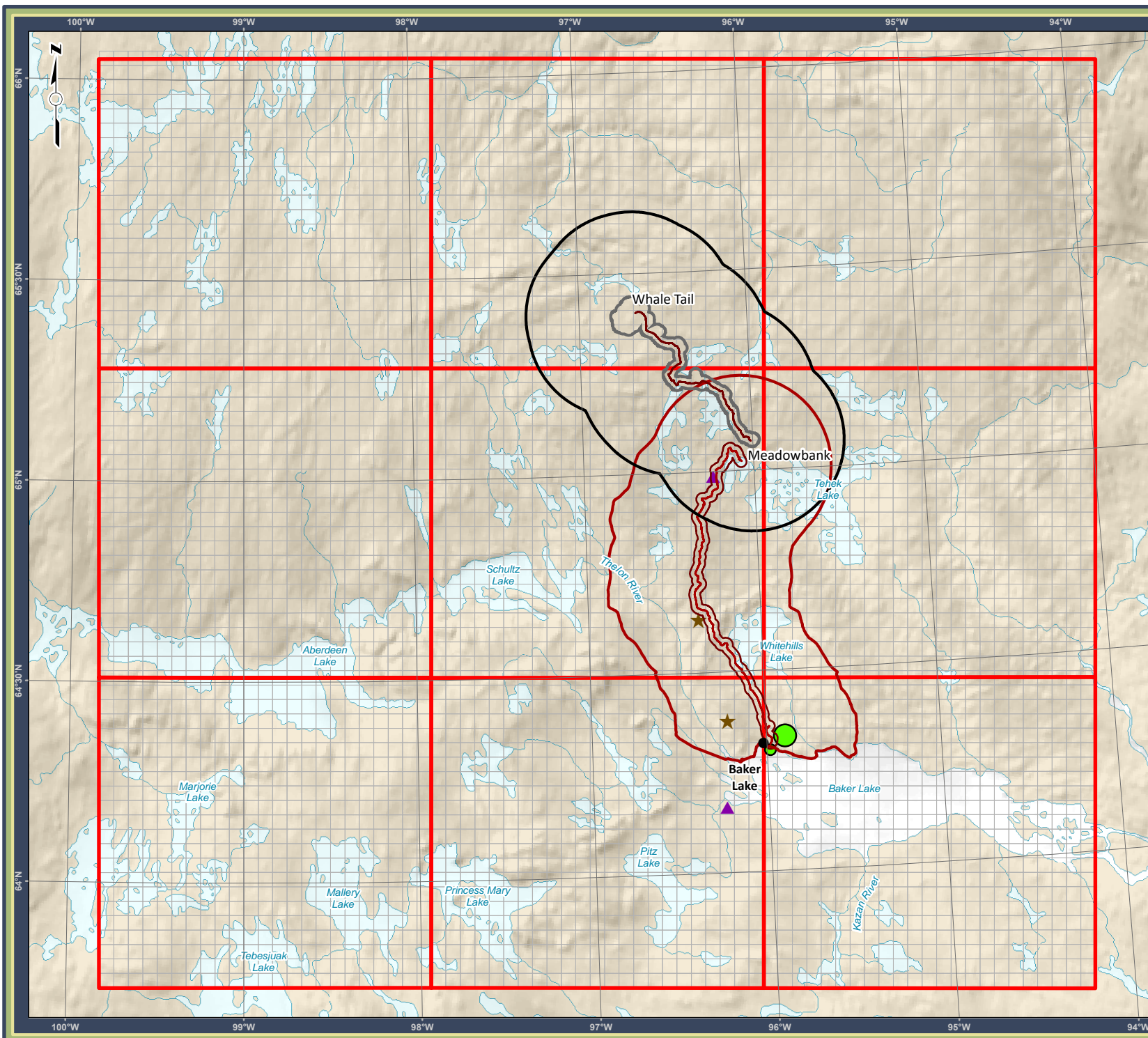
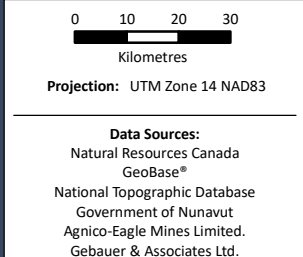
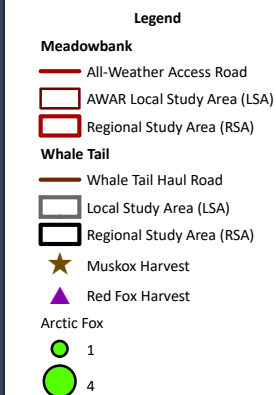
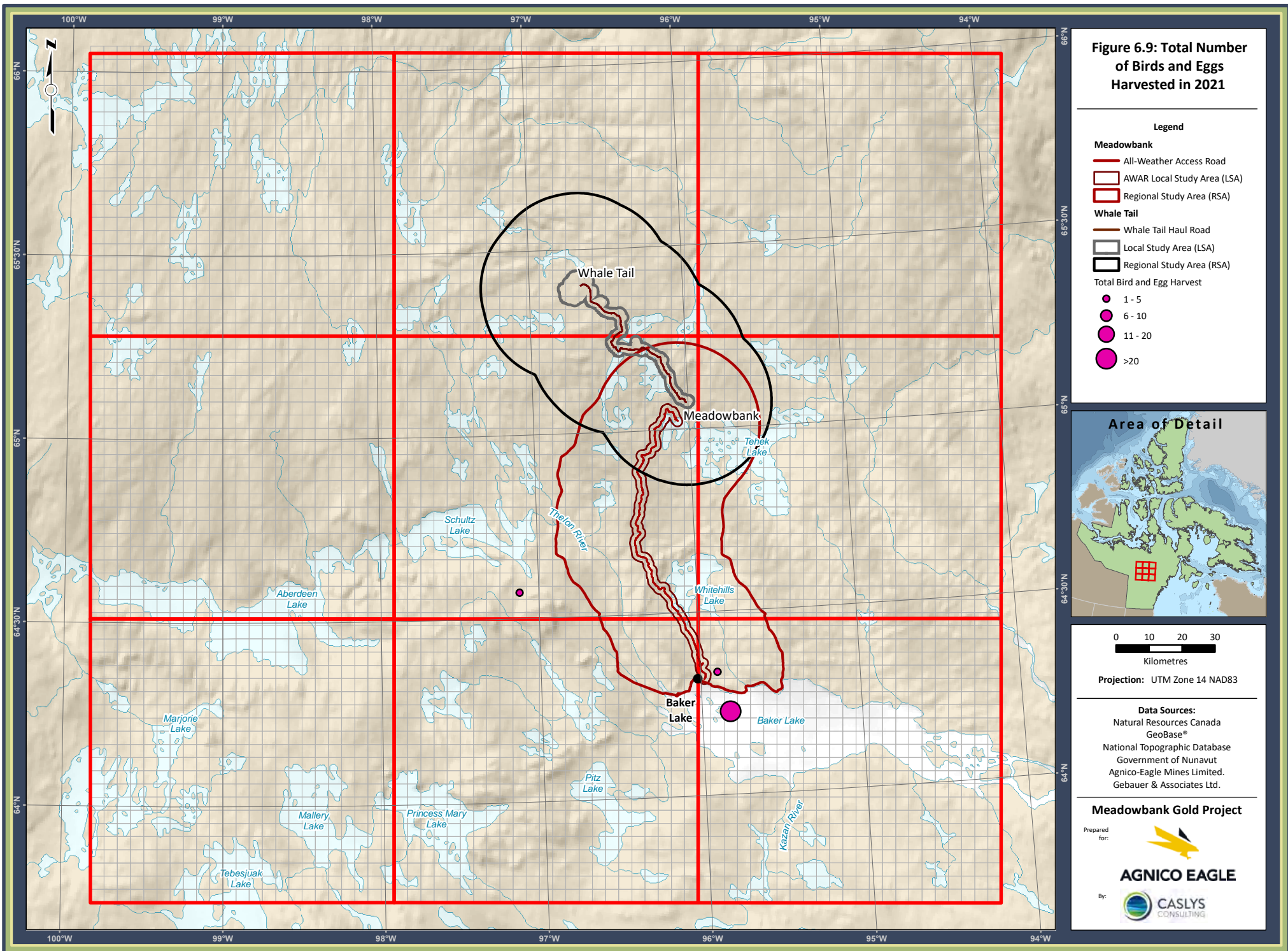


Figure 6.8: Total Number of Muskox, Arctic Fox and Red Fox Harvested in 2021





SECTION 7 • 2021 CREEL SURVEY RESULTS

7.1 NUMBER OF FISHERMEN

The number of fishermen reporting successful fishing trips in 2021 was 27, which is higher than the average of 23 fisherman from 2007 to 2015 and in 2019 to 2020 (11 years), and the highest number of fisherman reporting success since 2012. The highest numbers of fisherman reporting success in 2021 were in May and June period (see **Table 7.1**) (see **Section 7.4 Magnitude of Fishing**).

Table 7.1: Number of Fisherman in the Baker Lake who have Recorded Fishing Success by Year and Month.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007			4	6	7	1	1		1			
2008	1	1	2	6	6	6	4	3			2	1
2009	2	2	5	10	9	9	9	6	1	8	2	2
2010			6	13	18	17	13	4	2	2	3	1
2011	1	3	6	15	21	18	9	6	2	9	9	5
2012	3	1	1	7	7	18	12	4	3	9	7	3
2013			2	5	4	11	9	1		2	1	1
2014	2	1	1	4	6	3	4	2		2	2	2
2015	1	1	1	2	9	8	6	2		3	4	2
2019	1	2	3	12	14	15	7	3	1	1	8	4
2020				1	6	9	9	5	1	4	3	
2021	1		3	3	15	15	3	4	1	1	4	
Total	12	11	34	84	122	130	86	40	12	41	45	21

7.2 COMPOSITION OF CATCH

The most common fish species captured, Lake Trout, represented 67% of the total catch in 2021, which was the same as in 2020 but higher than the average of 55% from 2007 to 2015 and 2019 to 2020 (see **Table 7.2**). Lake Whitefish were also captured at reasonably high numbers.

Table 7.2: Total Number of Fish Caught between 2007 and 2015, and 2019 to 2021.

Species	2021	2020	2019	2015	2014	2013	2012	2011	2010	2009	2008	2007	Total
Arctic Char	54	75	89	41	22	96	24	113	103	117	24	3	632
Arctic Grayling	1			29			1	1	3	1			35
Lake Trout	481	219	900	370	353	490	1,014	1,710	860	525	825	210	7,257
Lake Whitefish	184	32	1573	1386	651	50	471	460	326	51	192		5,160
Fish Species	1	2	119										119
Totals	721	328	2,681	1,826	1,026	636	1,510	2,284	1,292	694	1,041	213	13,203

7.3 DISTRIBUTION OF FISHING

Fishing trips, regardless of success rate, did not generally occur beyond the immediate areas of Baker Lake, Whitehills Lake, and along the lower AWAR (see **Figure 7.1**). Note that the Whale Tail study area is excluded from **Figure 7.1** because no fishing occurred in this area. Some fishing occurred along the Thelon River system and associated lakes (**Figure 7.1**) during the summer when these areas can be accessed by boat. Results indicate that study participants are less willing to travel long distances to catch fish, regardless of AWAR access, likely due to the abundance of fish near the Hamlet of Baker Lake.

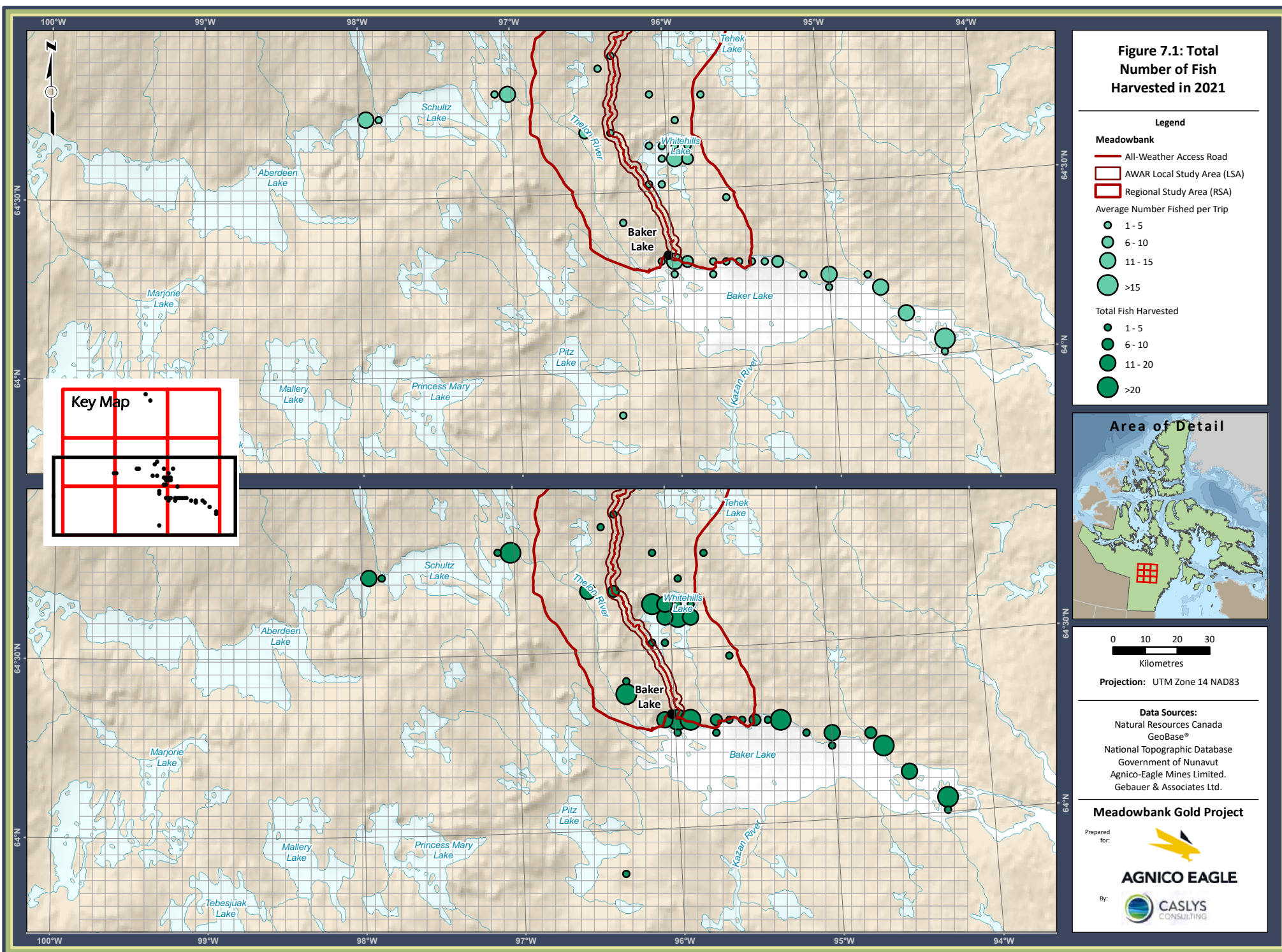
7.4 MAGNITUDE OF FISHING

The average number of fish harvested per fisherman in each month was highest in November with lower averages in the summer months (**Figure 7.2**). In 2021, the most captured fish species, in order of abundance, were Lake Trout, Lake Whitefish and Arctic Char (see **Table 7.3**). Higher numbers of Lake Trout and Lake Whitefish were reported as being caught in 2021 compared to 2020, which is either due to higher abundance and/or increased effort.

7.5 SEASONAL TIMING OF FISHING

In 2021, fishing periods with the most active fisherman was from May to June (see **Table 7.1**). The periods with the most fish caught included the summer months (especially May and June), which reflects the high number of Lake Trout caught by fisherman heading out on the land after ice melt, and November (**Figure 7.3**). This trend can be observed in the overall trends from 2007 to 2015 and 2019 to 2020 (**Figure 7.3**).

Figure 7.1: Total Number of Fish Harvested in 2021



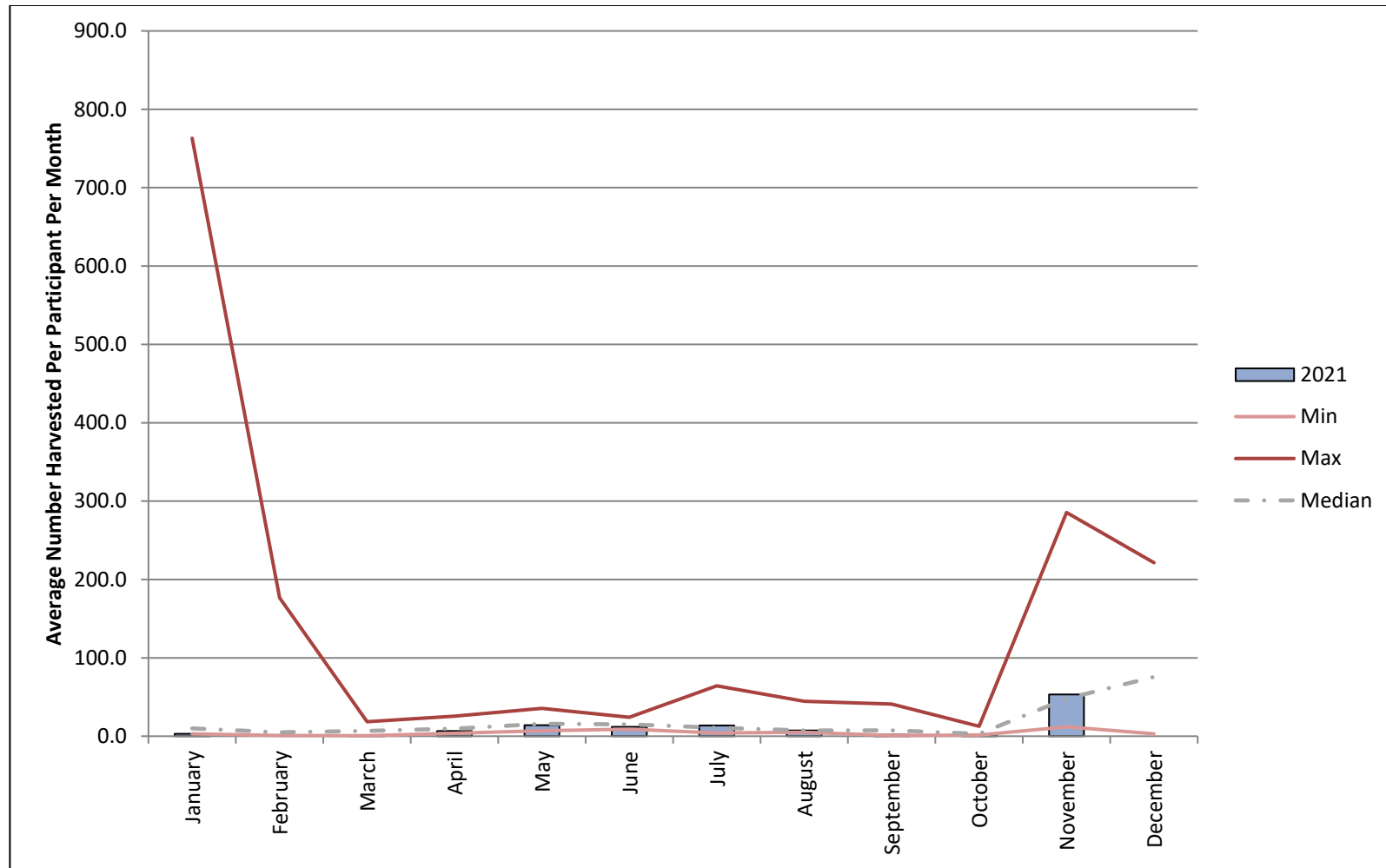


Figure 7.2: Average Number of Fish Caught per Participant in 2021 and the Minimum and Maximum Range from 2007 to 2015 and 2019 to 2020.

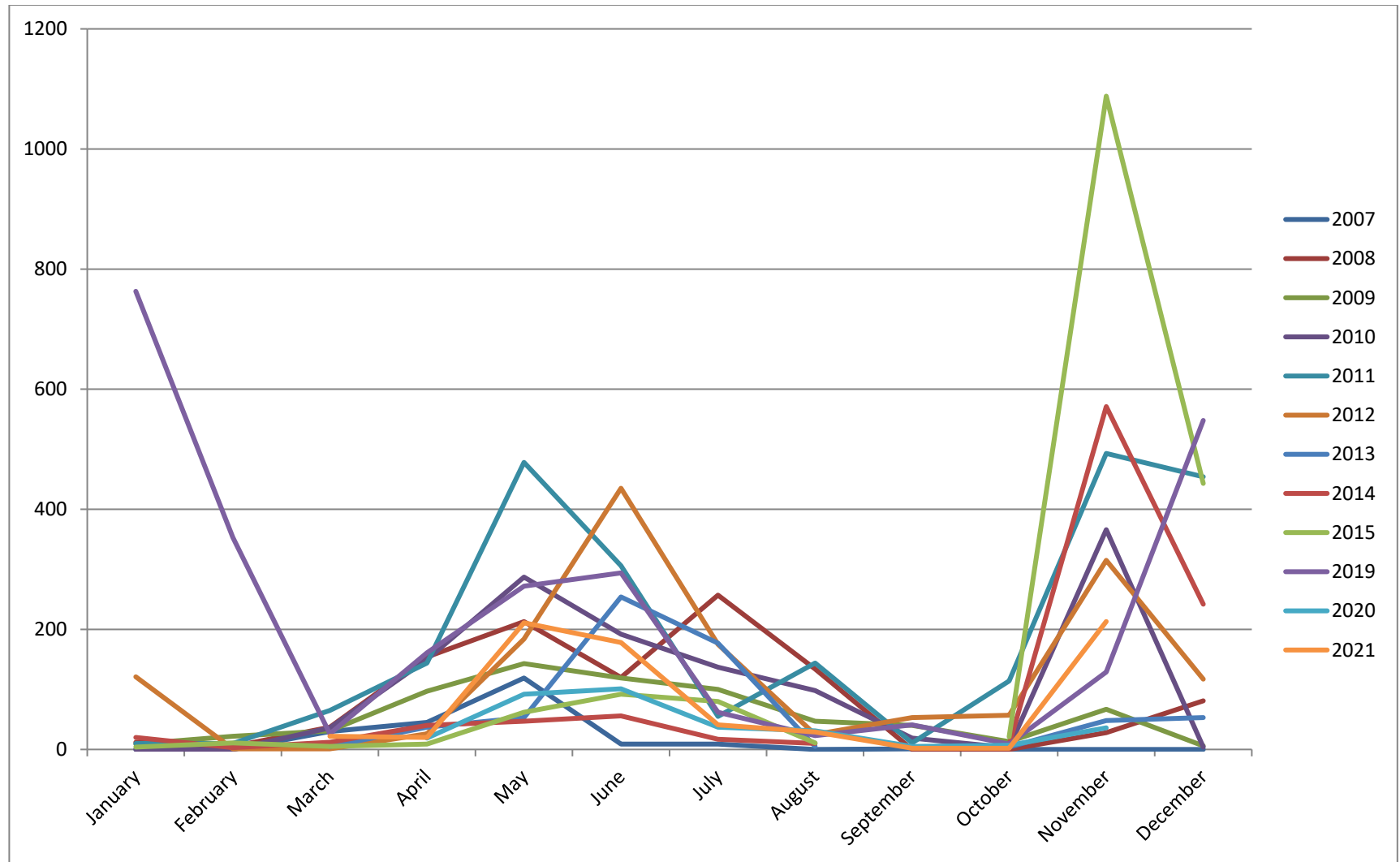


Figure 7.3: Seasonal Trends in Fishing in the Baker Lake Area from 2007 to 2015, and 2019 to 2021.

SECTION 8 • ACCURACY OF IMPACT PREDICTIONS

Table 8.1 provides a summary of the impact predictions identified in the original TEMP (Cumberland 2006) and the updated June 2019 version (Agnico Eagle 2019). The 2021 HHS data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. No thresholds were surpassed in 2021.

Table 8.1: Accuracy of Impact Predictions – Baker Lake HHS

Potential Effect	Threshold	Threshold Exceeded (2021)	Adaptive Management Implemented	Status
Meadowbank All-Weather Access Road				
Hunting by Baker Lake Residents	The AWAR will not result in significant changes in the spatial distribution, seasonal pattern, or harvest levels of Caribou kills by Baker Lake hunters. Changes will not exceed 20% of historical harvest activities within the RSA	NO (71% of harvest in RSA in 2021 compared to 67% baseline; average of 76% of harvest within RSA since 2007)	Future discussion with HTO and GN representatives required to identify management options	HHS Creel Survey
Whale Tail Haul Road				
Hunting by Baker Lake Residents	No change in harvest	NO (Only 3 harvests recorded within 5 km of the Whale Tail Haul Road; harvests within the WTHR RSA were lower than some other years, including pre-construction)	None required. Access by hunters is restricted in the growing season and very limited hunting occurs in the winter.	HHS Satellite-collaring Program

SECTION 9 • MANAGEMENT RECOMMENDATIONS

The Baker Lake HHS and Creel Survey should be continued on an annual basis to monitor the hunting and fishing patterns of Baker Lake residents, and the potential effects of the Meadowbank Complex Mine. Meetings with participants every four months (3 times/year) in 2022 are particularly important in maintaining contact, building relationships, expanding the study, and collecting good harvest data. Participation rates can be maintained by continuing to use social media platforms such as Facebook and Instagram, expanding connections on these platforms, ensuring that all participants are visited during the three scheduled field visits, and continuing with distribution of the well-received year-end prizes while in the community. An effort should be made to bring on younger participants in 2022 to replace the attrition of older hunters in 2021.

APPENDIX A

2021 Hunter Harvest Calendar



2021

Baker Lake Harvest Study

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Muskox Bull

Lars Qaqqaq

January | ᓆᓇᓂᓂᓐ 2021

Baker Lake Harvest Study
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Long-distance Hunting

Winston Ookowt

March | 2021

Baker Lake Harvest Study
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Baker Lake Harvest Study
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Peregrine Falcon

Martin Gebauer

May | LΔ 2021

Baker Lake Harvest Study
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Willow Ptarmigan

Martin Gebauer

June | ᐱᓂ 2021

Baker Lake Harvest Study
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July | ๔๔๓ 2021

Baker Lake Harvest Study

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August | ᐱᐅᐅ 2021

Baker Lake Harvest Study
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September | ᑭᑎᐱᑎ 2021

Baker Lake Harvest Study
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Ptarmigan

Dylan White

October | ᐅᐅᐅᐅᐅ 2021

Baker Lake Harvest Study
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Drying Meat

November | ᓄᐱᐱᓚ 2021

Baker Lake Harvest Study
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Common Raven

Martin Gebauer

December | ৩৭ ২০২১

Baker Lake Harvest Study
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Boxing Day					New Year's Eve	

A photograph of three grizzly bears in a grassy field. One bear is standing on its hind legs on the left, another is sitting in front of it, and a third is walking on the right. The text "Grizzly Bear" is in the top left and "Tom Thomson" is in the bottom right of the photo.

²σ_{9b}

Lars Qaqqaq

Muskox Bull

 $\triangleright \Gamma L^b$ 

Martin Gebauer

Wolverine

 $\zeta_b \Delta^b$ 

Jamie Kataluk

Grizzly Bear



Tom Thomson

Wolf



Paul Kabloona

Lake Whitefish

CPFD^{9b}

[illegible]

Martin Gebauer

Arctic Char - Male & Female

 $\Delta^9 \text{b} \text{ } \text{ } ^b \Delta^b$ 

Randy Baker

Arctic Grayling

7

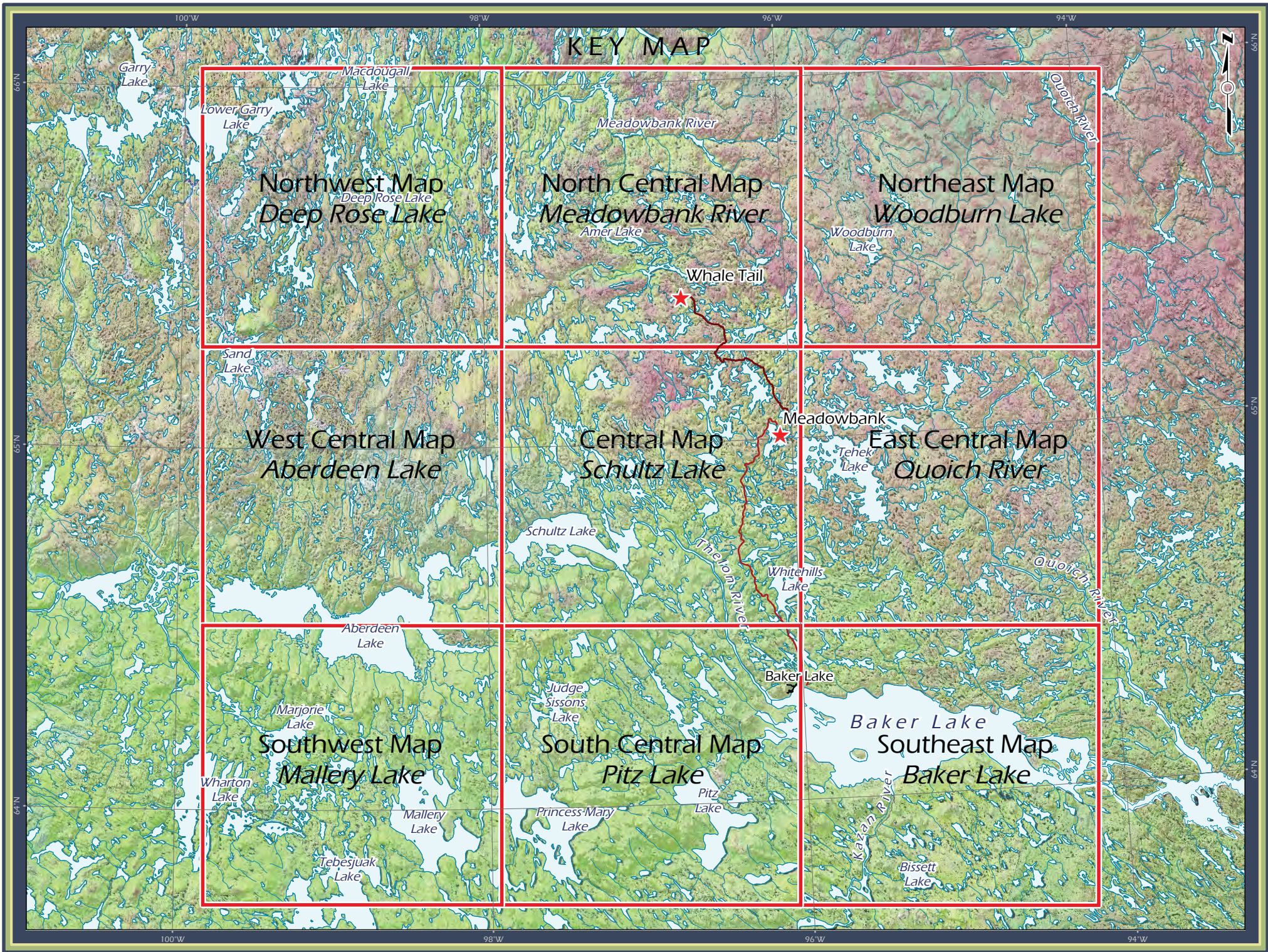


Randy Baker

Lake Trout

 Δ_{CF}^b 

Martin Gebauer



Baker Lake Harvest Study

Northwest Map Deep Rose Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:

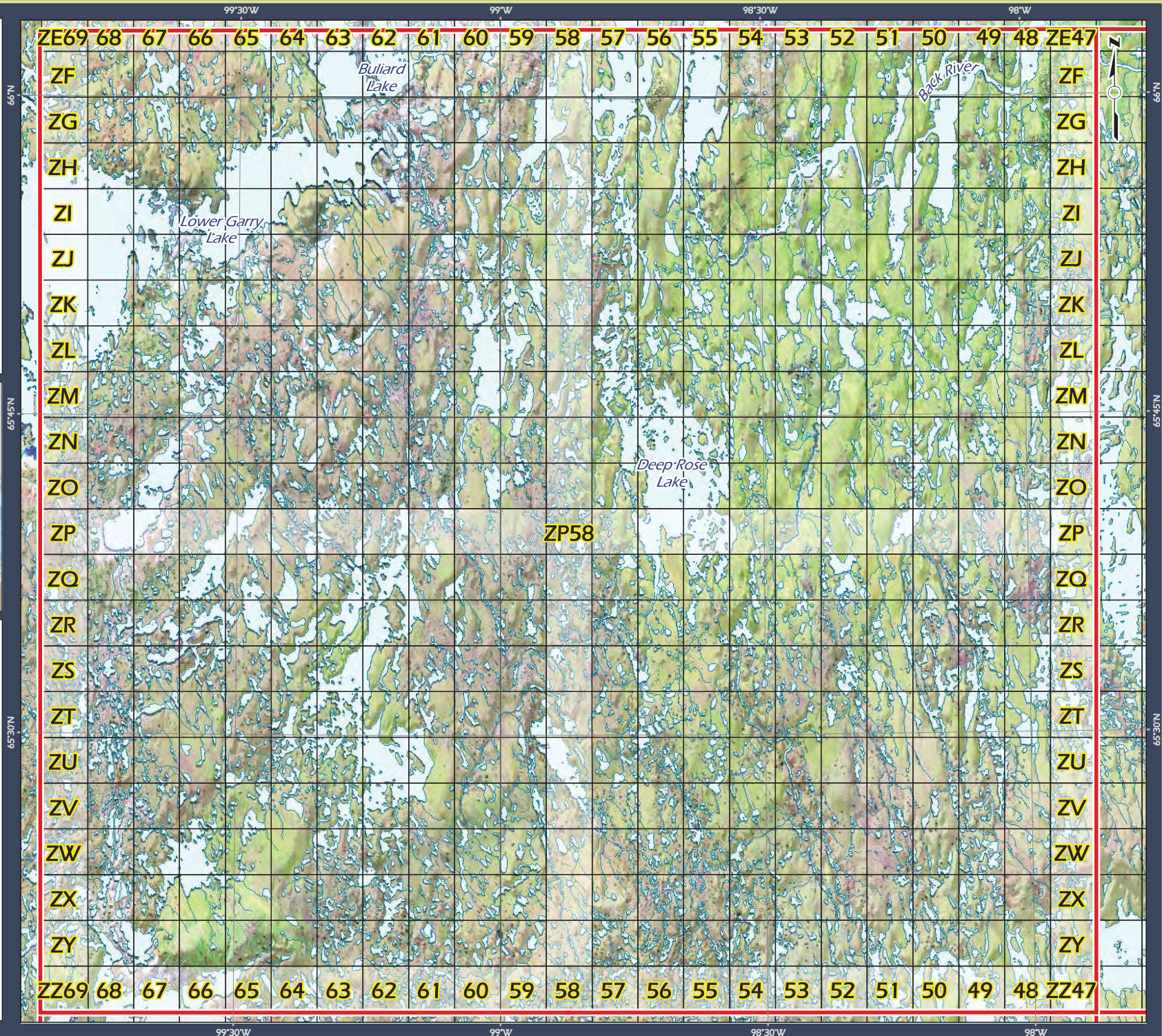
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:



By:

Nunavut ENVIRONMENTAL CONSULTING LTD



Baker Lake Harvest Study

West Central Map Aberdeen Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake



Projection: UTM Zone 14 NAD83

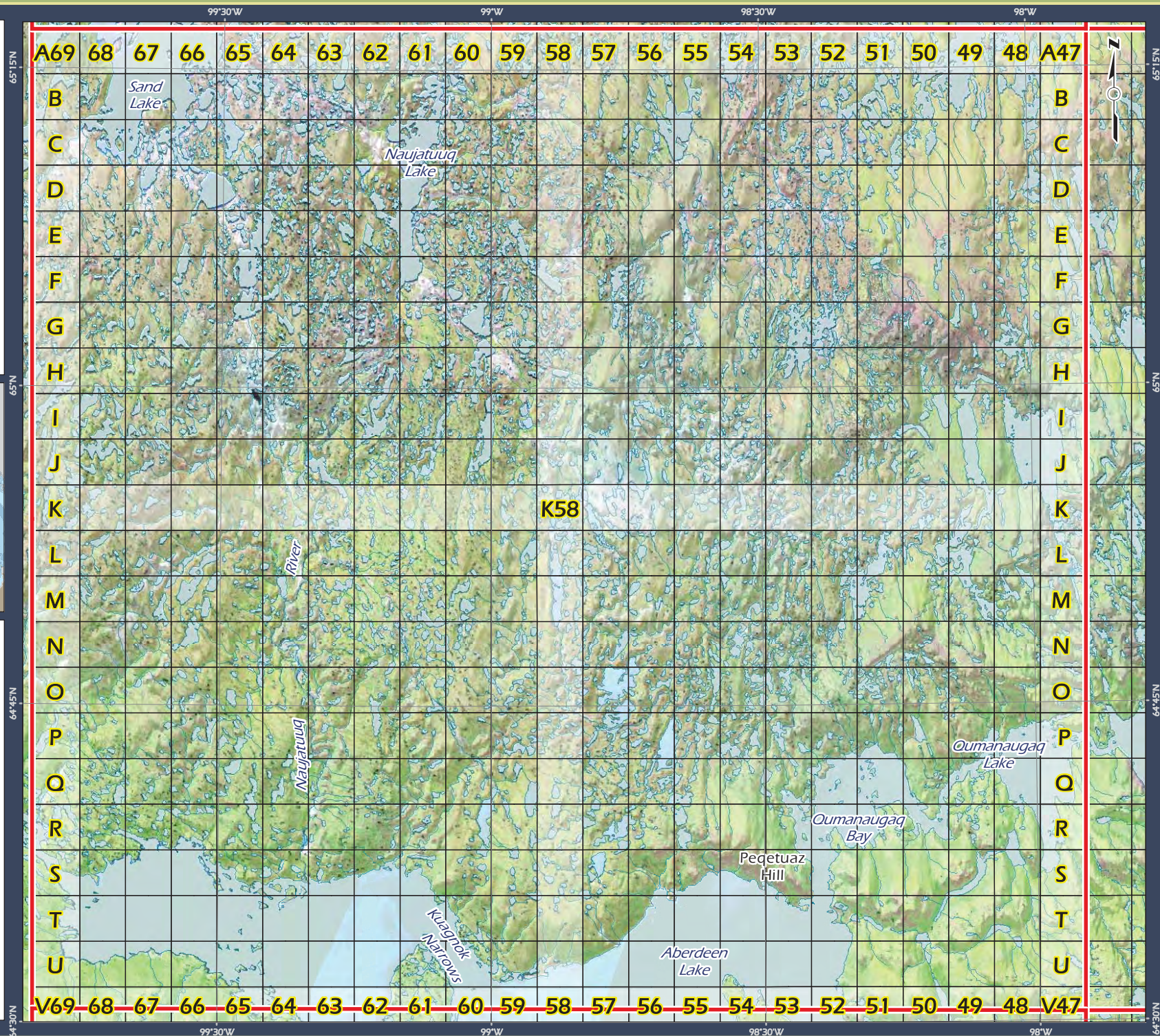
Data Sources:

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Caslys Consulting Ltd.

Prepared for:



By:



Baker Lake Harvest Study

Southwest Map Mallery Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



0 5 10 15

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:

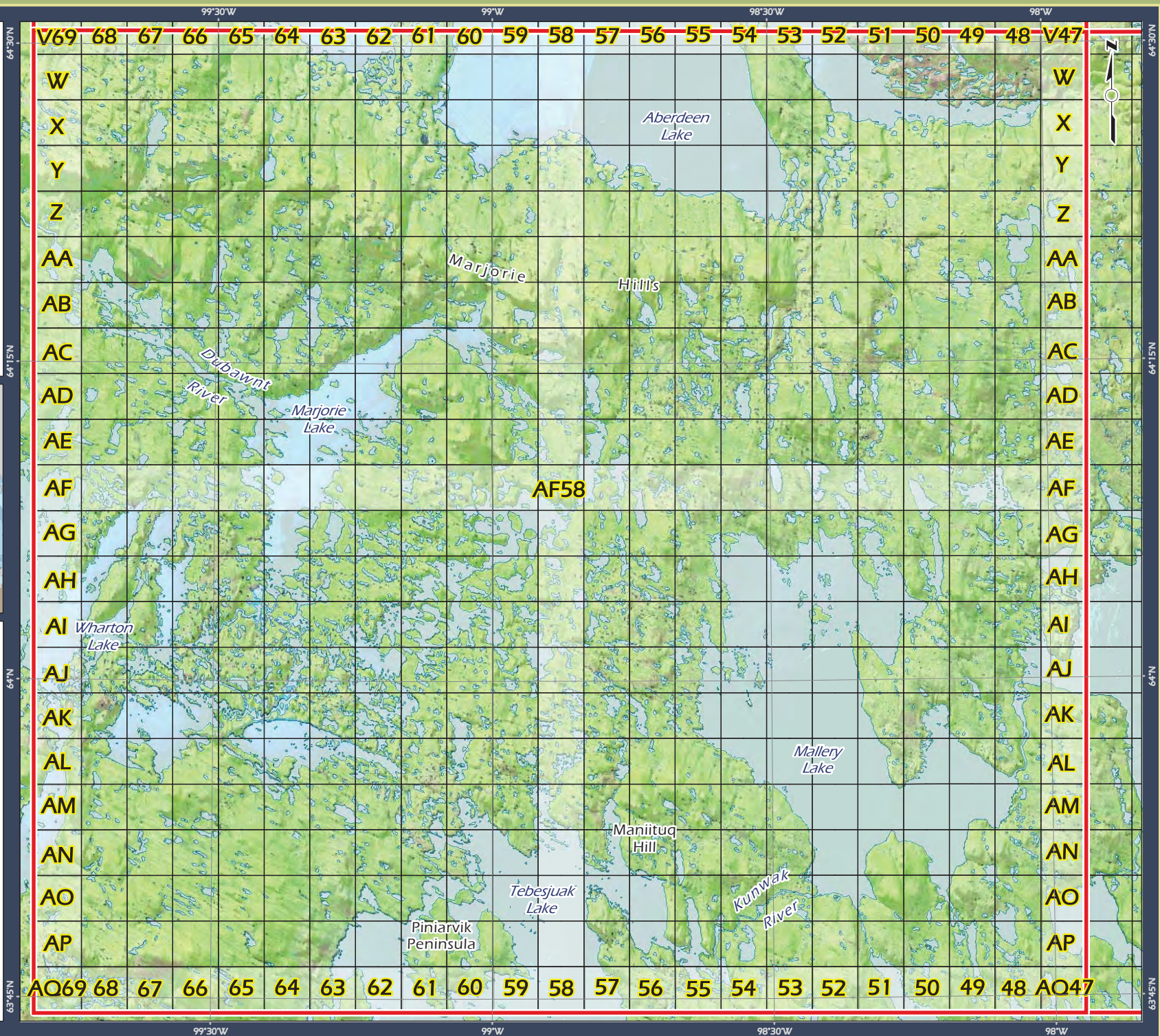
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Caslys Consulting Ltd.

Prepared for:



By:

Nunavut ENVIRONMENTAL
CONSULTING LTD



Baker Lake Harvest Study

North Central Map Meadowbank River

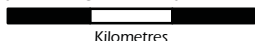
Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



0 5 10 15



Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:

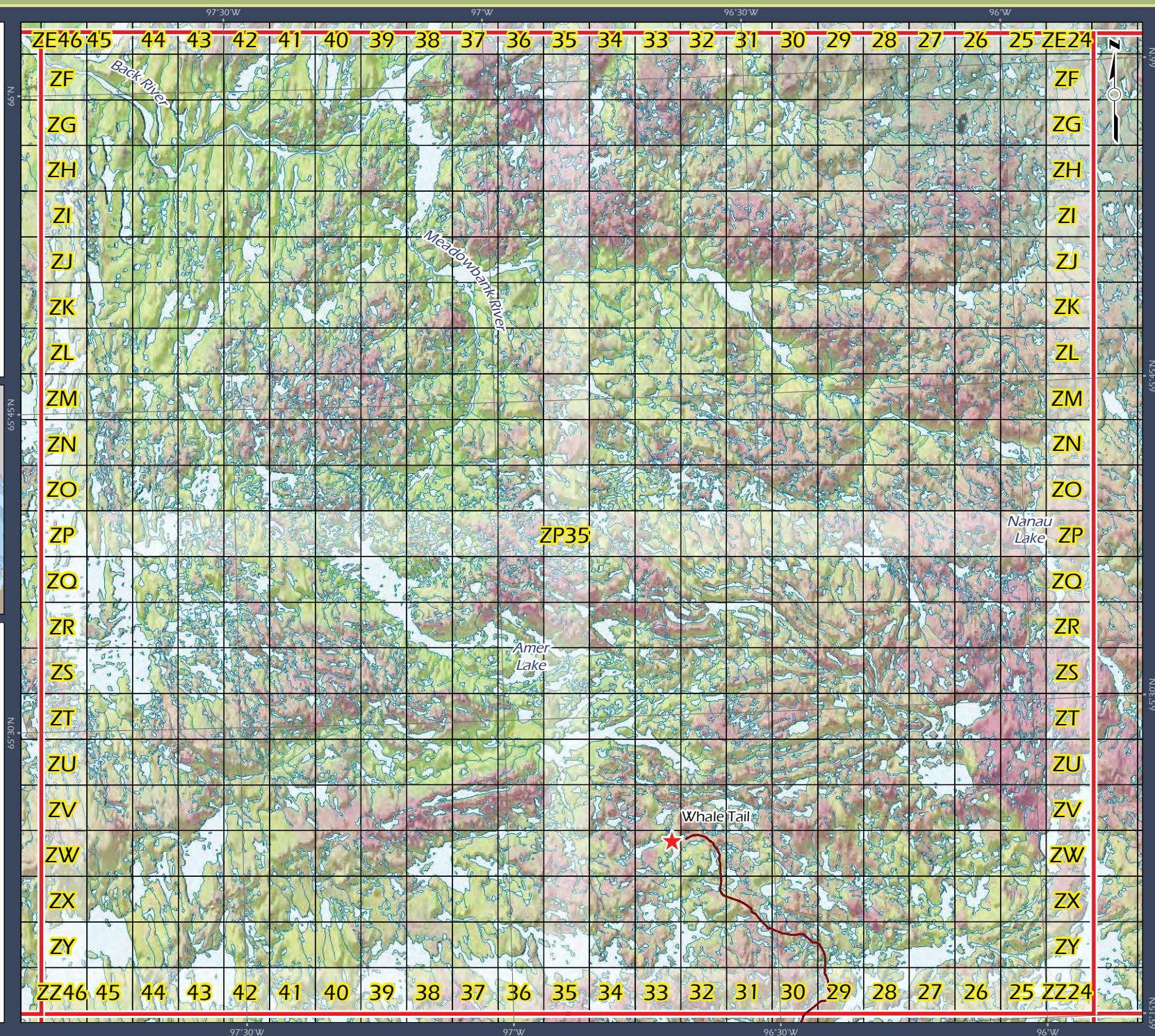
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Caslys Consulting Ltd.

Prepared for:



By:

Nunavut ENVIRONMENTAL CONSULTING LTD



Baker Lake Harvest Study

Central Map Schultz Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



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Kilometres

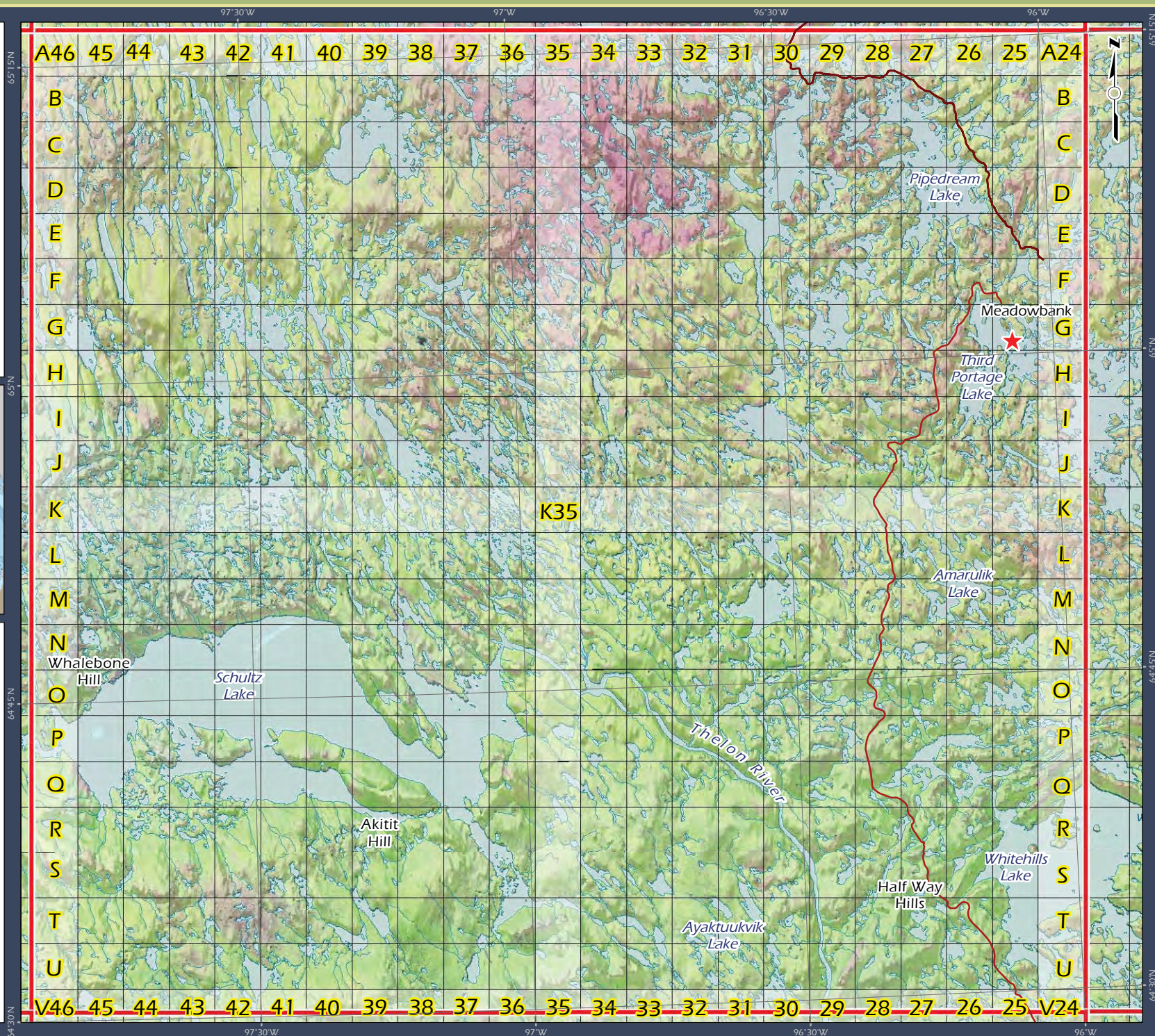
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Data Sources:
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National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:



By:



Baker Lake Harvest Study

South Central Map Pitz Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake



Projection: UTM Zone 14 NAD83

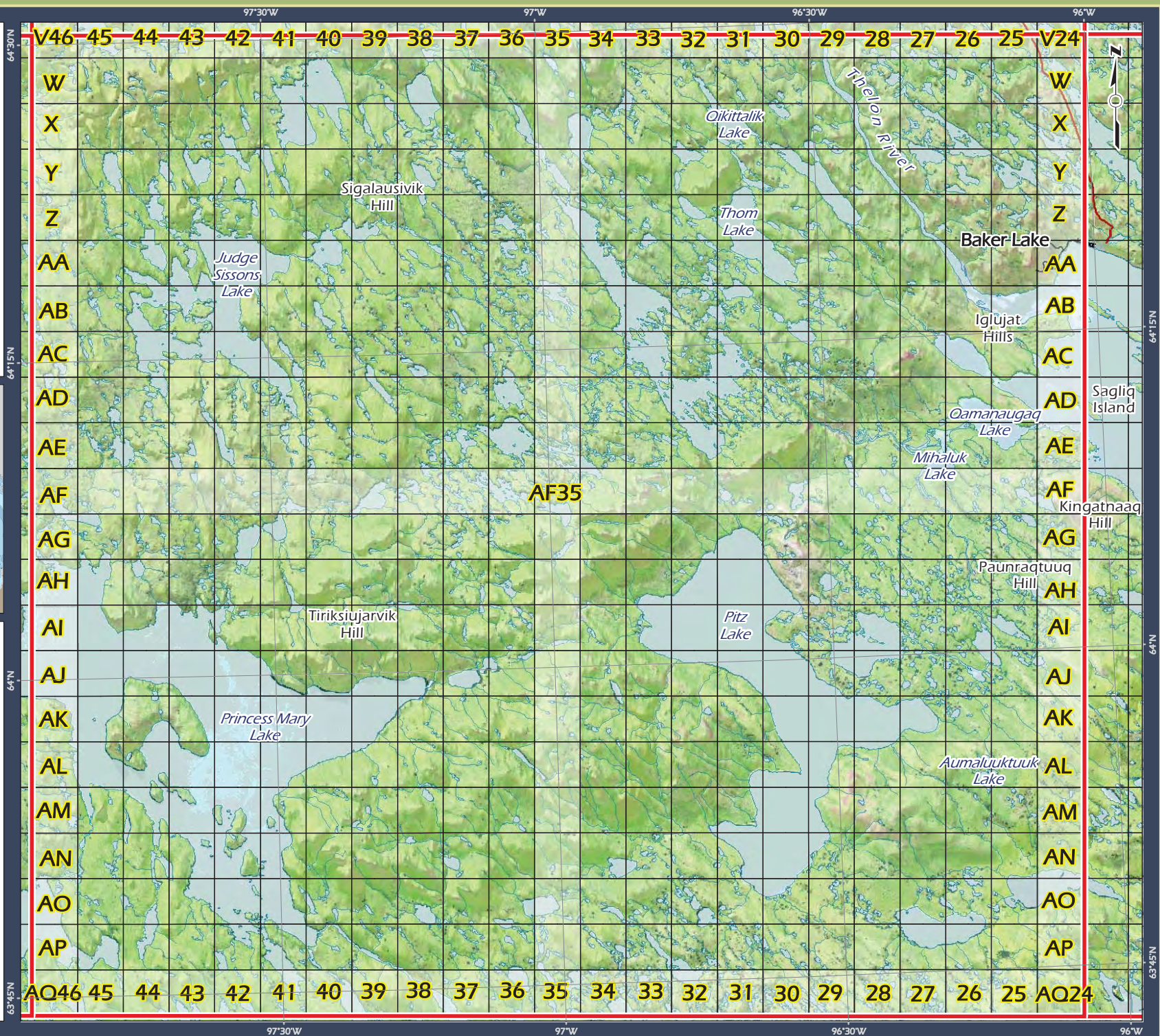
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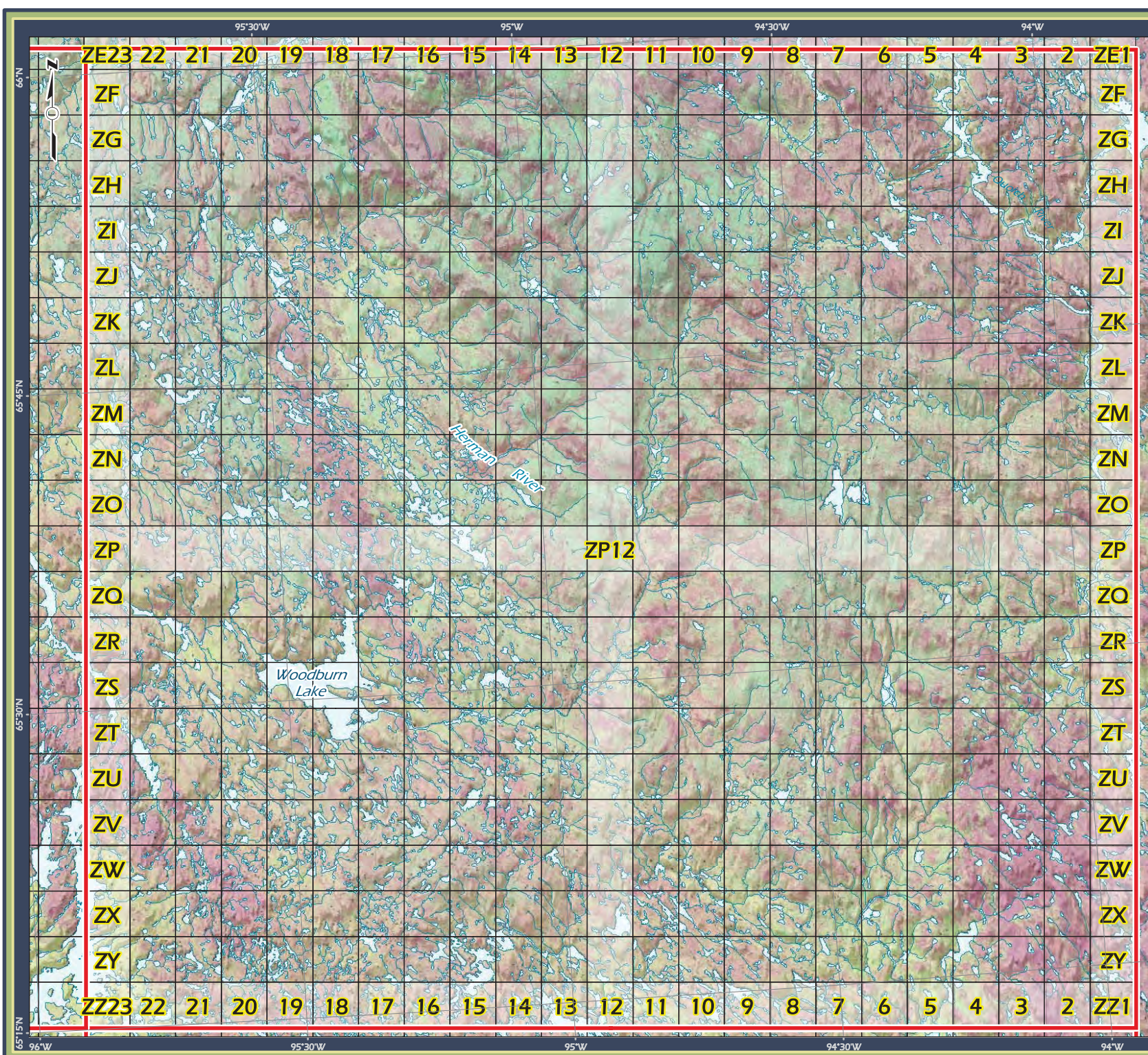
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Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:



By:





Baker Lake Harvest Study

Northeast Map Woodburn Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Ouoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



Projection: UTM Zone 14 NAD83

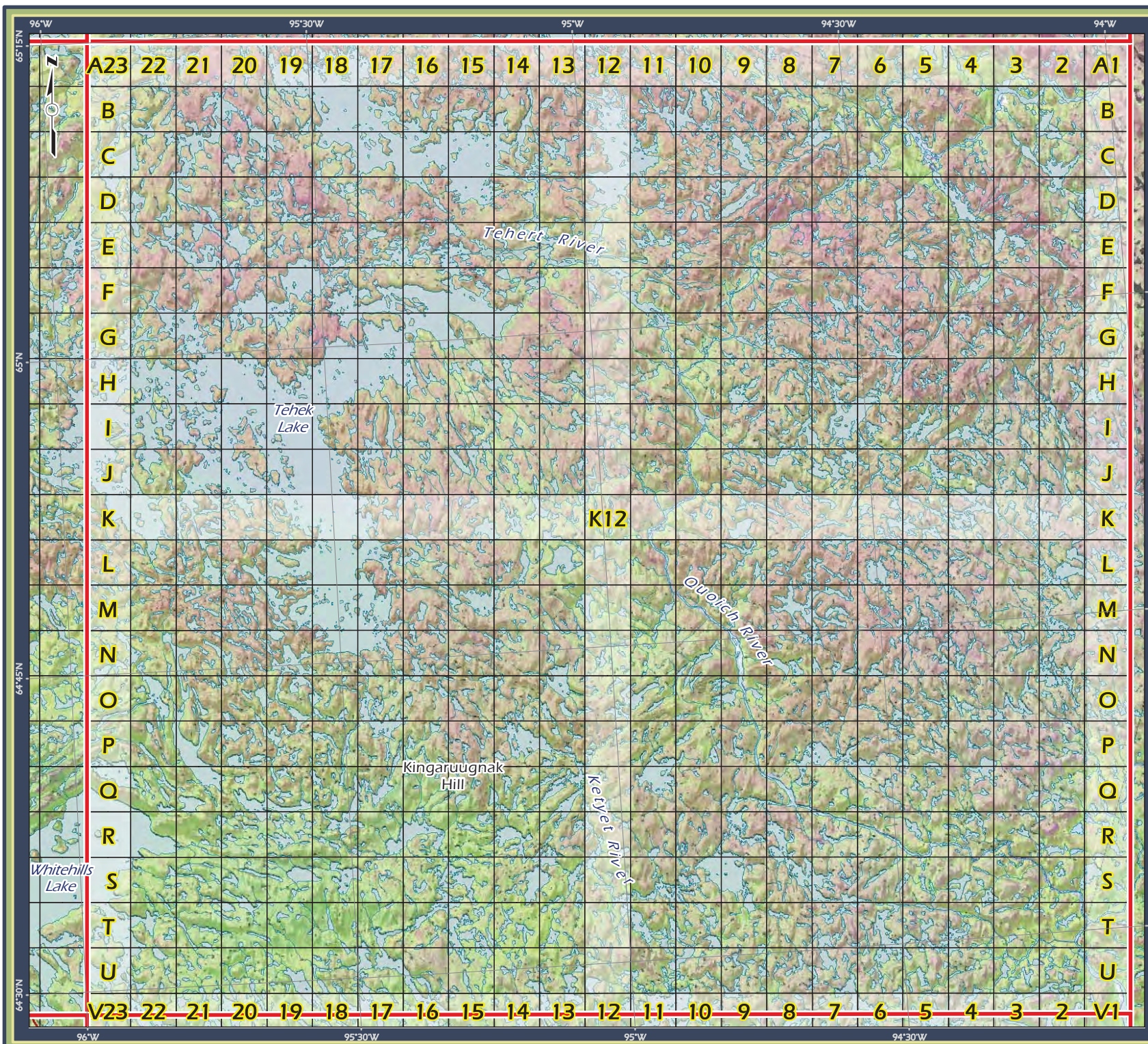
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National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:



By:





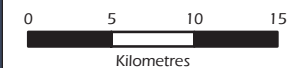
Baker Lake Harvest Study

East Center Map Quoich River

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:

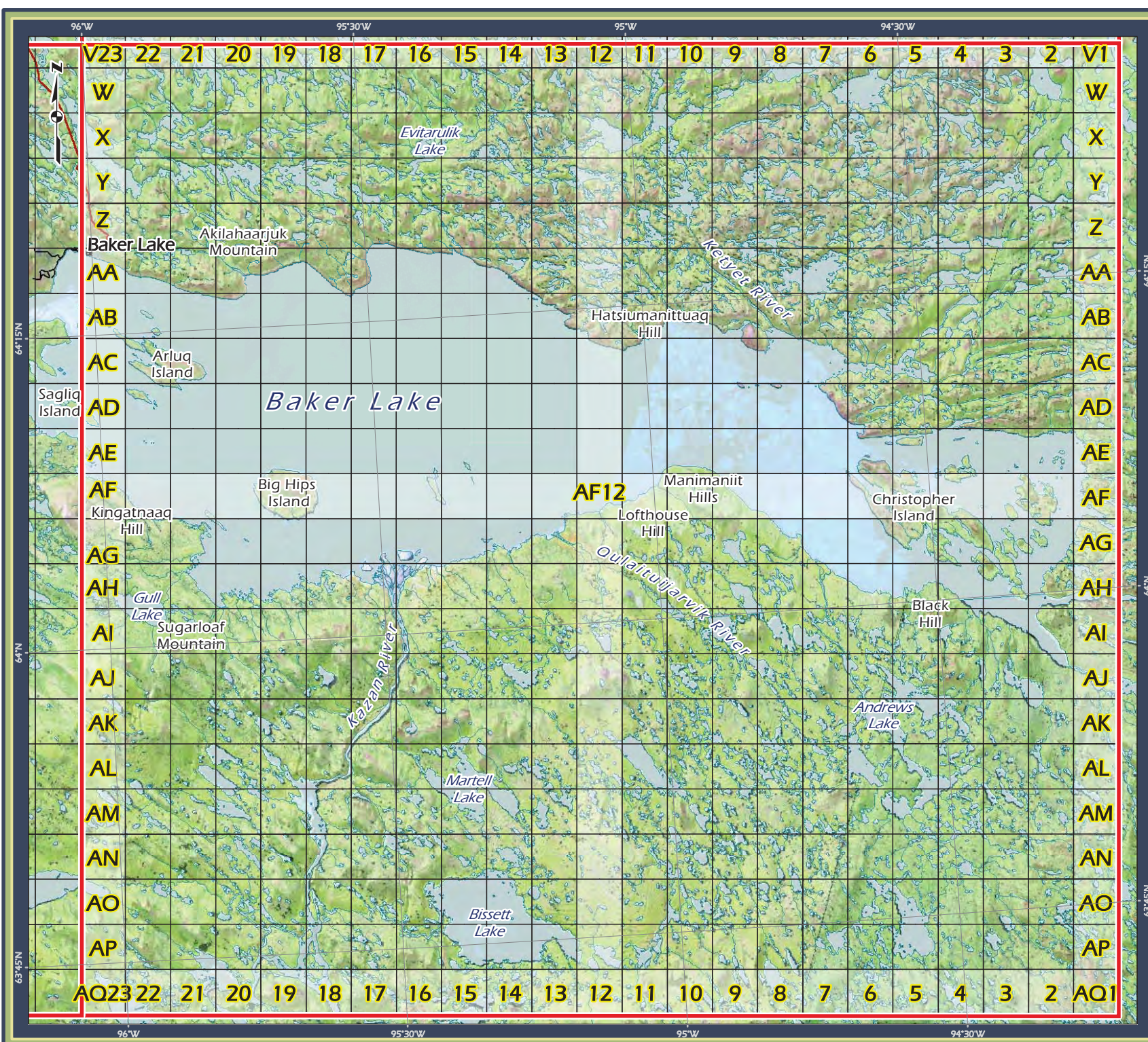
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Caslys Consulting Ltd.

Prepared for:



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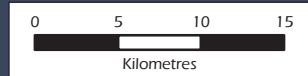
*Baker Lake
Harvest Study*

*Southeast Map
Baker Lake*

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Ouovich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:



By:



How to Use the Baker Lake Harvest Calendar

Agnico Eagle Mines Ltd., in cooperation with the Baker Lake Hunters and Trappers Organization (HTO), want to understand hunting and fishing patterns by Baker Lake residents. Specifically, we want to understand how the Meadowbank and Whale Tail Gold Project, located north of Baker Lake, might change traditional harvesting patterns. To ensure that traditional hunting and fishing activities are not negatively affected, we have developed this calendar where participants can record harvest information throughout the year.

Near the back of the calendar is a page that shows the animal and fish species that are included in the study. Please write down the species, number, sex, and location of animals or fish that you have harvested on each date on the calendar. When writing down the location, please use the XY coordinate system provided on the nine maps at the back of the calendar.

For example, if you harvested a male caribou on January 16th on Big Hips Island you would write down “1 male caribou, AF19” in the January 16th square of the calendar.

You will also be visited or contacted by the hunter harvest coordinator occasionally throughout the year. The coordinator's job will be much easier if you write down your harvest information in the calendar as soon as possible.

Please return the calendar to the Agnico Eagle office in Baker Lake at the end of the year or give the calendar to the coordinator when he visits in January. Although each participant will receive a gift expressing our thanks, a draw will also be held in January for a number of high quality prizes.

Please contact the Baker Lake Harvest Study Coordinator, Dylan White at 1-266-500-4202 if you have any questions. Contacts at Agnico Eagle Mines include the Environmental Coordinator at (819) 759-3555, ext. 4606744.

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Produced By:



AGNICO EAGLE



and



APPENDIX I

Arctic Raptors Report



ARCTIC RAPTORS

Prepared For:
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Environmental Project Coordinator
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Agnico Eagle Mines Limited
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Prepared By:
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Background

The purpose of the raptor monitoring program from 2015 – 2019 focused solely on searching for nesting sites located near to, and far from proposed or existing infrastructure. Two surveys were planned for 2020, but on-site logistic precluded a survey during the brood-rearing period. Starting in 2021, twice annual surveys are planned. Monitoring of raptors is outlined in the Agnico Eagle Meadowbank Complex Terrestrial Ecosystem Management Plan (TEMP; Agnico Eagle Mine 2019). The TEMP outlines requirements for avoiding and managing disturbance to nesting raptors, as follows:

- Develop a nest-specific response plan for identified raptor nests within areas of concern to ensure that nesting success is not affected by development activities
- Follow GN-DoE guidelines for avoiding disturbance to raptor nests
- Discourage raptors from establishing nests on artificial structures, pit walls, or other facilities
- Active nest monitoring

In addition, the TEMP also outlines the general monitoring approach, as follows:

- document and map raptor nesting sites (see Project Certificate No. 008 Term Condition 33)
- evaluate the success of mitigation to prevent disturbance to raptors or raptor nests
- estimate project-related disturbance effects.
- develop nesting site-specific management plans for nests within 1.5km of project infrastructure, including minimum “no disturbance” buffers (see Commitment 32).
- In the event of deterrence or removal of a nest, Agnico must contact the Government of Nunavut (GN) and secure the required permits (see Project Certificate No. 008 Term and Condition 36).

The GN provided additional feedback from information provided in 2018 Annual Report, as follows:

- the current monitoring does not have the power to detect and mitigate Project-related effects on raptor nesting success.
- the study design does support analysis that would allow detection of project-related nest failures (e.g., by examining nest success as a function of intensity of project-related disturbance).

Species Descriptions

Peregrine Falcon (*Falco peregrinus tundrius*)

The Arctic peregrine falcon (Figure 1) is medium- to large-sized falcon. It has a dark hood and face with distinct dark malar stripe, cream to white throat, slate-grey back; barred belly, legs, and tail. Long pointed wings, stocky body. Plumage of immature birds brown rather than grey, and the breast is streaked rather than barred. In adults, the cere and orbital ring are yellow, and bluish in immature birds. Compared with gyrfalcons, the peregrine is smaller and less stocky. In flight, the wings of peregrines appear narrower and more pointed. In peregrine falcons, wing tips extend to bottom of the tail when perched, while in gyrfalcons, wing tips extend two-thirds down the length of tail

F. p. tundrius breeds mainly north of the treeline from Alaska east throughout northern Canada to Greenland. It breeds throughout the taiga and tundra wherever suitable nesting habitat and sufficient prey are present. In Nunavut, peregrines appear to have their highest densities in the Kivalliq and Kitikmeot regions. Highest density known is on the western shores of Hudson Bay in the Kivalliq Region.



Figure 1 Peregrine Falcon (male)

F. p. tundrius is a long-distance migrant, wintering mainly throughout South and Central America, but also in southern United States and Mexico. Northern-breeding American and Arctic peregrines are highly migratory (Yates et al. 1988, Schmutz et al. 1991, Fuller et al. 1998), and although fall migration occurs over a broad geographic range (Fuller et al. 1998), Yates et al. (1988) indicated that “separate and distinct autumn migratory populations pass through the east and Gulf coasts” of the United States.

Peregrine falcons usually nests on cliffs and rocky outcrops, but also nest on hilltops, river canyons, rock screes, and on occasion directly on the ground (Court et al. 1988, Ratcliffe 1993). They prefer nesting in locations close to water in south-facing, rugged terrain. Hunting habitat includes rugged coastline areas and rolling tundra that consists of raised beaches, dry tundra, sedge meadows, wetlands, and lakes that are inhabited by a diversity of breeding songbirds and shorebirds.

Peregrine Falcons do not build a nest but make a depression (called a scrape) in the substrate on a cliff ledge. Scrapes are usually approximately 20 cm in diameter and 4 cm deep. Females usually do the majority of incubation, and brooding of small young. Males provision incubating females and provide most of the prey when nestlings are small. Thereafter, females do most of the feeding, beginning to hunt after young are large enough to thermoregulate on their own. Clutch size is typically 3 or 4 eggs in Nunavut. In Rankin Inlet and Igloodik, the median incubation period of the first egg was 36 days, and decreased 1 day for each additional egg. The incubation period of the 4th egg (33 days) was similar to what has been reported elsewhere (Burnham 1983).

The Arctic peregrine falcon is a generalist predator with a diverse diet that includes passerines, shorebirds, ducks, gulls, terns, jaegers, black guillemots, and, when available, collared lemmings, brown lemmings, and Arctic ground squirrels. Bradley and Oliphant (1991) indicated that, around Rankin Inlet, small birds (64% of prey items) represented the greatest portion of prey items, followed by microtine rodents (25%),

large birds (8%), and Arctic ground squirrels (4%). The most important prey measured by percent biomass were large birds (43%), followed by small birds (25%), microtine rodents (18%), and Arctic ground squirrels (15%).

In Nunavut, the earliest documented arrival for Peregrine Falcons is 10 May at a known breeding site near Rankin Inlet. Although arrival timing varies with spring conditions, most sites are occupied during the 3rd week of May. Median laying date in Rankin Inlet (9 June) is typically earlier than Igloodik (15 June) and northern Baffin Island (16 June). Median date of hatching ranges from 14 July at Rankin Inlet to 18 July on northern Baffin Island and 20 July at Igloodik (Jaffre et al. 2015). Birds depart the breeding grounds from mid-September through early October, arriving on the wintering grounds throughout Central and South America in November.

Gyrfalcon (*Falco rusticolus*)

The gyrfalcon (Figure 2) is large with pointed wings, but more rounded and broader than the wings of other falcon species. The tail is relatively long. When perched, wings extend 2/3 down the tail. The body is thick and powerful, particularly in females. Adults have yellow ceres, eye-rings and legs. As in all falcons, the eyes appear black. Three main color morphs occur: black, grey and white. White adults have almost pure white breasts and bellies, with dark wingtips (dipped-in-ink appearance). Grey adults have slate-colored back, with white underparts mottled with gray arrowhead-shaped markings. Dark adults are dark grey overall above and dark-streaked breasts and belly. There is extreme reverse sex dimorphism, with males being approximately 2/3 the size of females (Ferguson-Lees et al. 2001).

Gyrfalcons distribution extends throughout the circumpolar Arctic. Most of the breeding range occurs north of 60°N, but breeding pairs are known to exist as far south as 55°N, mainly along seacoasts in eastern Canada. Many adults remain within the breeding range throughout the year, but some disperse southwards in winter, small numbers reaching the norther. United States (Cade 1982, Poole 1987). Immature birds are much more likely to winter to south of breeding range, and females are thought to disperse more widely, with many males remaining relatively close to breeding territories throughout the year.

Ptarmigan are often cited as the most important prey species by biomass, but Arctic ground squirrel and Arctic hare are also important, as well as small mammals (mice and voles) and other birds (ducks, sparrows, buntings). In central Nunavut, Poole and Boag (1988) identified eleven species of birds and five species of mammals among the prey. Birds accounted for three quarters of the diet, and adult rock ptarmigan were the most common. Arctic ground squirrel and arctic hare made up the bulk of mammalian prey.

Males occupy and defend nesting territories as early as the end of January, with females arriving in mid-March. In Nunavut, laying typically begin in the first week of May with most pairs laying by the end of the second week in May. Nestlings typically hatch in mid-June but hatching can occur throughout June. Nestlings fledge in late July or early August after 7 weeks in the nest. In Nunavut, gyrfalcon usually nest on cliff ledges, ideally beneath sheltering overhang; sometimes nests in trees or on man-made structures. Nests are generally on rock ledges or abandoned rough-legged hawk or common raven nests. Use of alternate nest sites is not uncommon. Pairs do not necessarily attempt breeding every year, depending on food supply. Typical clutch size is 3-4 eggs (Booms et al. 2008) that are incubated for 34-36 days mostly by the female (ca. 80%). The North American population including Nunavut is considered to be stable (Clum and Cade 1994, Kirk and Hyslop 1998). Although low spring temperatures are associated with later arrival at nesting territories in Nunavut (Poole and Bromley 1988), there was no effect on laying dates.

However, (Poole and Bromley 1988) indicated that increased spring precipitation (snow) reduced Frank1reproductive success.



Figure 2. Gyrfalcon (female)

Rough-legged Hawk (*Buteo lagopus*)

The rough-legged hawk (Figure 3) is a medium-large bird of prey, with a small beak, predominantly brown in colour and often mottled. Plumage is highly variable with recognized light and dark morphs. Extensive field experience is required to distinguish between males and females, and between adults and juveniles based on plumage alone. A broad chest band is evident in most plumage variations, and in flight, a dark carpal patch is characteristic in light morph individuals. One or more dark terminal bands appear on the tail. The wing tips are long enough to reach or extend past the tail when the animal is perched. Legs are feathered to feet (Ferguson-Lees et al. 2005).

Widespread throughout North America, breeding from the Aleutian Islands, the interior of Alaska, Yukon, northern Mackenzie, and across Nunavut to northern Labrador and Newfoundland and south to Manitoba and southeastern Quebec. In Nunavut, rough-legged hawks are present over most of the territory except for islands without lemmings (Bechard and Swem 2002).

Regularly hovers, or “kites” while facing into the wind scanning for prey. Soars with wings raised in a slight dihedral (V-shape). It is a diurnal raptor that still-hunts from prominent perching structure on both breeding and wintering grounds. Prey is captured on the ground. Courtship involves soaring and calling, with the male engaged in a flight display of repeated undulating stoops rising upward to mid-air stall. It is gregarious on migration, often travelling in flocks, but small groups or individuals are not uncommon.

Breeding pairs prefer rugged terrain areas with steeper slopes in areas associated with vegetation, and were most likely to nest in large, productive valleys surrounded by high-elevation plateaus (Galipeau et

al. 2016). It is widely distributed in winter, usually found in open habitat such as prairies, plains, coastal marshes, agricultural fields, and airports (Johnsgard and Johnsgard 1990). More common in wintering areas with short growing seasons and low precipitation, with highest densities in the northern United States, Great Basin area, and the western shortgrass prairies (Bock and Lepthien 1976, Bock et al. 1977).

The rough-legged hawk is a small mammal specialist; thus, its breeding activity is generally associated with local abundance of ground squirrels, voles, or lemmings (Hanski 1991, Potapov 1997). It will prey on birds when small mammals are scarce, particularly juvenile passerines and shorebirds, and will resort to consuming carrion (Watson 1986). Usually reproductively mature at 2 years of age. Stick-nests are built soon after arrival on territory, typically on cliffs, bluffs, or on the ground. Clutch size varies (1-7 eggs), depending on food availability, but 3-5 eggs are usual and laid in May. Incubation 31-33 days, provided almost entirely by the female. Nestling period is 35-40 days, and fledglings remain dependent on adults for another 2 weeks. The male provisions the young and the female feeds the young. Pairs show nest site fidelity, and in locations where ground squirrels are entirely absent, they may forgo breeding or have small broods when lemmings are low (Bechard and Swem 2002). Bechard and Swem (2002) indicated that egg-laying date was associated with spring temperatures and snow-free ledges, but Potapov (1997) reported no effect of snow melting date or spring/summer temperatures on number of nesting pairs.



Figure 3. Rough-legged Hawk (male)

Methods

Field Surveys

Structured surveys were conducted from 2015 – 2017, 2019 and 2021 (Table 1). The focus of these surveys was to search known nesting sites for the presence of cliff-nesting raptors. In addition to the structured surveys, favorable habitat was searched opportunistically when ferrying between known sites, camps or

other mine infrastructure and when raptors or signs of site use (e.g., whitewash, orange-colored lichen, and unused nests) were observed. Sites were considered occupied if one or more adults displayed territorial or reproductive behavior (e.g., vocalization and/or flight behavior associated with defense of breeding territory or presence of nest building, nest, or eggs). Locations with partially built or unused nests without detection of breeding aged adults were noted as such (e.g., old stick nest; no birds detected). Raptor monitoring in 2021 involved two helicopter surveys (23 – 30 May, 4 – 8 August), and ground - monitoring of potential nesting habitat (natural cliffs, quarries and borrow pits) along the Whale Tail Haul Road (Meadowbank to Whale Tail) and All Weather Access Road (AWAR; Baker Lake to Meadowbank).

Table 1. Survey effort from 2015-2021 for raptors breeding in the vicinity of the Meadowbank complex.

Year	2015		2016		2017		2018		2019		2020		2021	
Survey	1	2	1	2	1	2	1	2	1	2	1	2	1	2
Start	28/05	—	18/05	21/07	28/05	—	—	—	13/06	—	—	—	23/05	04/08
End	30/05	—	20/05	23/07	30/05	—	—	—	15/06	—	—	—	30/05	08/08
Hours	12	—	10	10	12	—	—	—	10	—	—	—	12	12

Mapping

Shapefiles for the AWAR, Haul Road, and project footprints were read into R using the `readOGR` function in the `rddal` package and converted to a data frame for `ggplot2` using the `fortify` function. The spatial extent for the mapping exercise was set using the `get_map` function in the `ggmap` package. Maps portraying species-specific nesting sites were plotted using `ggmap`.

Data Analysis

Distance to disturbance

Spatial objects (lines and polygons) describing the project footprint were acquired from Agnico Eagle. Euclidean distances from nesting sites to the nearest spatial object were calculated in R (R Development Core Team 2017) using the `sp`, `rgeos`, and `geosphere` packages.

Occupancy

Although estimation of nesting site occupancy can serve as a metric of population status (MacKenzie et al. 2002, 2003), detection of nesting pairs is imperfect, and estimating the proportion of occupied sites without accounting for detection error can lead to underestimation of true occupancy (Kéry and Schmidt 2008). Occupancy modeling can estimate parameters that influence occupancy, and simultaneously account for imperfect detection (Marsh and Trenham 2008). In any given year, the status of a nesting site is limited to one of only two outcomes: occupied or not occupied. Occupancy modelling estimates the following parameters:

1. initial colonization – the probability that a nesting site is occupied in the first survey year (ψ),
2. colonization – the probability that an unoccupied site becomes occupied between years (ϵ),
3. extinction – the probability that occupied site becomes unoccupied between years (γ); and,
4. detection – the probability that PEFA are detected given that the nesting site is occupied (p).

Nesting site survival is estimated as the reciprocal of extinction (i.e., the probability an occupied site remains occupied between years; $1-\gamma$). In addition, environmental covariates can be added to an occupancy model to test whether they influence the above parameters using a logit link function. Multi-year occupancy was calculated in R (R Development Core Team 2019) using the ‘unmarked’ package. When appropriate, data were standardized (e.g., distance to disturbance was standardized by subtracting the mean from each distance value and dividing by the standard deviation), and then formatted specifically for ‘unmarked’ using the *unmarkedMultFrame* function.

Occupancy among years was analyzed separately for Peregrine Falcons and Rough-legged Hawks (there were insufficient data to estimate occupancy for Gyrfalcons). To do so, the total number of nesting sites was filtered to include only those nesting sites that were occupied at least once between 2015 and 2021 for each species. Model fitting of candidate models (Table 2) was performed using the *colext* function. Akaike Information Criterion (AIC) was used for model selection.

Three candidate models were selected *a priori* to estimate the effect anthropogenic disturbance and time (Table 2). The aim of this analysis was two-fold: 1) to estimate the proportion of occupied nesting sites annually, and; 2) to estimate the trend in nesting site occupancy from 2015 to 2021. Trend in occupancy was estimated using annual occupancy probabilities to calculate average rate of change (λ) at the population level (MacKenzie et al. 2003) where a value <1 indicates population decline and >1 indicates an increase. Initial occupancy and detection probability were set to constant (i.e., 1) time varying (i.e., year), respectively, for all models. Model structure for extinction and colonization varied according to the test for effects (see Table 2).

Table 2. Candidate models

Model structure	Model #	Tests for effect of:
$\psi(1) + \epsilon(1) + \gamma(1) + p(\text{year})$	m0	Null (relative effects of covariates in other models)
$\psi(1) + \epsilon(d2d) + \gamma(d2d) + p(\text{year})$	m1	Distance to disturbance (project infrastructure)
$\psi(1) + \epsilon(\text{year}) + \gamma(\text{year}) + p(\text{year})$	m2	Time (captures effect of missing covariates)

Reproductive success

Over the course of the seven-year period, there were only two years in which more than one survey was completed (2016 and 2021; see Table 1). For this report, estimates of reproductive success are reported as the number of young hatched from a single nesting attempt by a pair of birds, regardless of age at the time they were observed. Because nestling age varied considerably between years and among sites, measures of annual productivity *per se* are expected to be biased high. All nesting sites were assumed to be contained within a unique nesting territory (i.e., no nesting territories were occupied by more than one pair of birds, regardless of the potential for alternative nesting sites within nesting territories).

Results

Mapping

Across six different surveys (see Table 1), 134 locations considered to be typical of raptor nesting habitat were surveyed at least once from 2015 – 2017, 2019, and 2021. Of the 134 locations surveyed (Figure 4), nesting raptors have been detected at 74 nesting sites (Table 10). Peregrine falcons have been documented at 56 nesting sites, rough-legged hawks at 26 nesting sites and gyrfalcons have been documented at nine nesting sites.

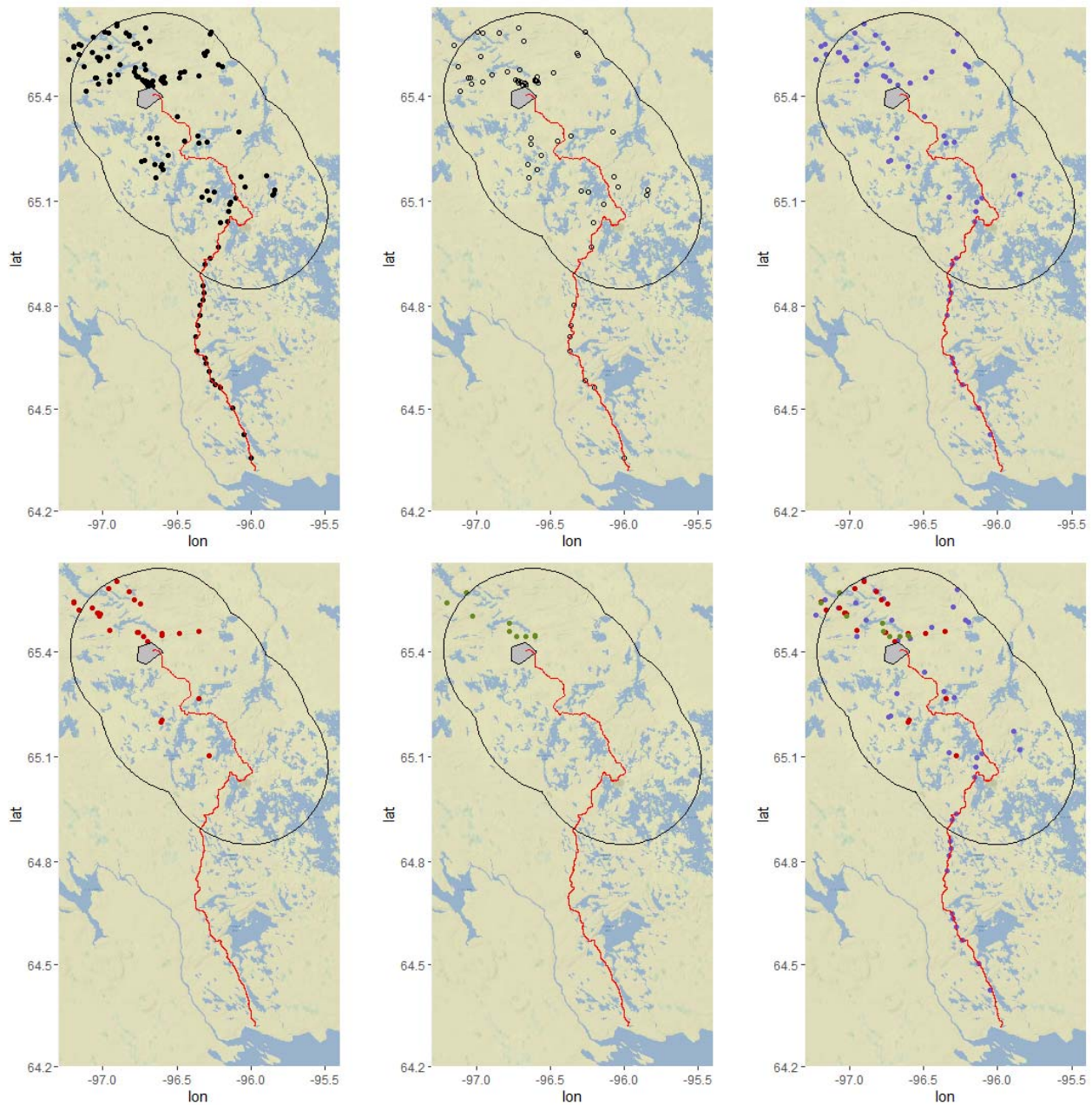


Figure 4. All cliffs surveyed (n=134; top L), cliffs with no record of occupancy (n= 60; top C), PEFA nesting sites (n = 56; top R), RLHA nesting sites (n=26; bottom L), GYRF nesting sites (n=9; bottom C), and all recorded nesting sites combined (bottom R) for the period 2015 – 2021 in the vicinity of the Meadowbank/Whale Tail complex

Distance to Disturbance

Mean distance from known occupied nesting sites to project infrastructure was 9.50 km (SD=8.19 km). Sixteen nesting sites fell within 1.5 km of the AWAR, Haul Road, or Whale Tail Project footprint and are considered candidates for development of a site-specific management plans. Fourteen of the 16 nesting sites are within the 600m limit (500m baseline setback, plus additional 100m setback during the breeding season) identified by the Government of British Columbia (2013) for species with moderate ability to co-exist with human activity. Fifteen nesting sites have been occupied by peregrine falcons, and one nesting site has been occupied by rough-legged hawks. Thirteen of the 15 peregrine falcon nesting sites were in

rock quarries excavated for road building and maintenance, and two were located on natural cliffs. The single rough-legged hawk nesting site located less 600m from the project footprint was located on a natural cliff.

Occupancy

Peregrine Falcons

The top occupancy model included colonization and extinction effects of distance to disturbance, and a year effect for detection (Table 3). However, the delta AIC for the second-ranked null model was 0.53, strongly suggesting that the effect size of distance to disturbance was immaterial, or very low. Using the null model (Table 4), trend in occupancy (Figure 5) was $\lambda = 0.95$ (SE=0.02). The minimum and maximum number of nesting sites sampled in any year was 14 (2018) and 56 (2021), respectively (Table 5). The minimum and maximum number of breeding pairs detected was 7 (2020) and 32 (2016), respectively (Table 5).

Table 3. Model selection based on AIC score for peregrine falcons

Model structure	Model #	Parameters	AIC score	delta AIC	AICwt	Cumltvwt
-.d2d.d2d.year	m1	12	534.01	0	0.565	0.57
-.-.-.year	m0	10	534.53	0.53	0.434	1
-.year.year.year	m2	20	547.71	13.7	6E-04	1

Table 4. Parameter estimates (null model; log odds scale) for peregrine falcon initial occupancy (psi) colonization (gamma) and extinction (epsilon), and a year effect for detection (rho).

	psi(Int)	col(Int)	ext(Int)	p(Int)	p(2016)	p(2017)	p(2018)	p(2019)	p(2020)	P(2021)
estimate	0.78	-0.48	-0.82	2.12	-0.44	7.14	-0.14	0.22	0.31	-1.85
SE	0.36	0.25	0.21	0.82	0.89	24.77	1.13	1.33	1.38	0.90

Table 5. Count of PEFA nesting sites sampled, detected, colonized, extinct, static, and common from 2015 - 2021 for bird breeding in the vicinity of the Meadowbank/Whale Tail complex.

year	sampled	detected	colonized	extinct	static	common
2015	45	29	NA	NA	NA	NA
2016	49	32	8	9	25	42
2017	55	31	4	9	36	49
2018	14	9	2	3	9	14
2019	54	27	1	5	8	14
2020	14	7	4	2	8	14
2021	56	24	3	2	9	14

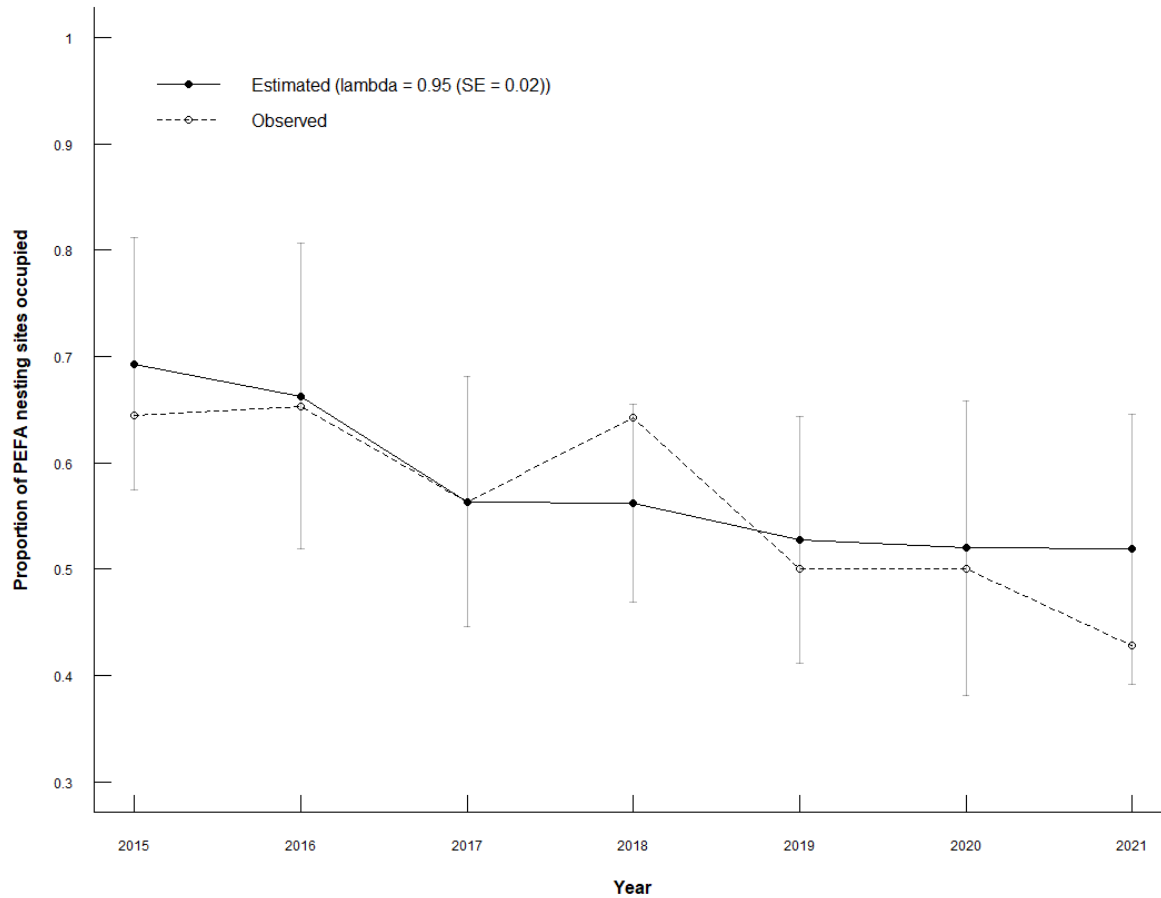


Figure 5. Proportion of PEFA nesting sites occupied from 2015 – 2021 in the vicinity of the Meadowbank/Whale Tail complex. The proportion observed (open circles with dashed lines) are point estimates without error bars, and do not account for detection error. The proportion estimated (closed circles with solid lines) accounts for detection error and includes standard error bars. Lambda = 0.95±0.02

Rough-legged Hawks

Among the candidate models (Table 6) for rough-legged hawk occupancy, the null model was ranked first (see for parameter estimates). Trend in occupancy (Figure 6) calculated as average rate of change at the population level was $\lambda = 1.25$ (SE=0.25), where a value <1 indicates population decline and >1 indicates an increase (MacKenzie et al. 2003). Although lambda is much greater than 1.0, large standard errors overlapping with 1.0 indicate that trend is almost certainly neither increasing nor decreasing (Figure 6). The minimum and maximum number of nesting site sampled in any year was 0 (2018 and 2020) and 26 (2017 and 2019), respectively. The minimum and maximum number of breeding pairs detected was 0 (2018 and 2020) and 16 (2017), respectively.

Table 6. Model selection based on AIC score for rough-legged hawks

Model structure	Model #	Parameters	AIC score	delta AIC	AICwt	Cumltvwt
-.-.year	m0	10	212.17	0	0.780	0.78
-.d2d.d2d.year	m1	12	214.71	2.54	2.220	1.00
-.year.year.year	m2	20	228.19	16.02	0.000	1.00

Table 7. Parameter estimates (null model; log odds scale) for rough-legged hawk initial occupancy (ψ) colonization (γ) and extinction (ϵ), and a year effect for detection (ρ). Dash indicates not estimable.

	$\psi(\text{Int})$	$\text{col}(\text{Int})$	$\text{ext}(\text{Int})$	$\text{p}(\text{Int})$	$\text{p}(2016)$	$\text{p}(2017)$	$\text{p}(2018)$	$\text{p}(2019)$	$\text{p}(2020)$	$\text{P}(2021)$
estimate	-1.17	0.13	-0.79	3.21	-2.46	4.13	0.00	-3.52	0.00	-3.87
SE	0.97	0.39	0.48	16.00	0.89	-	-	16.05	-	16.04

Table 8. Count of RLHA nesting sites sampled, detected, colonized, extinct, static, and common from 2015 - 2021 for birds breeding in the vicinity of the Meadowbank/Whale Tail complex.

year	sampled	detected	colonized	extinct	static	common
2015	18	4	NA	NA	NA	NA
2016	24	12	5	1	12	18
2017	26	16	6	4	14	24
2018	0	0	0	0	0	0
2019	26	7	0	0	0	0
2020	0	0	0	0	0	0
2021	26	9	0	0	0	0

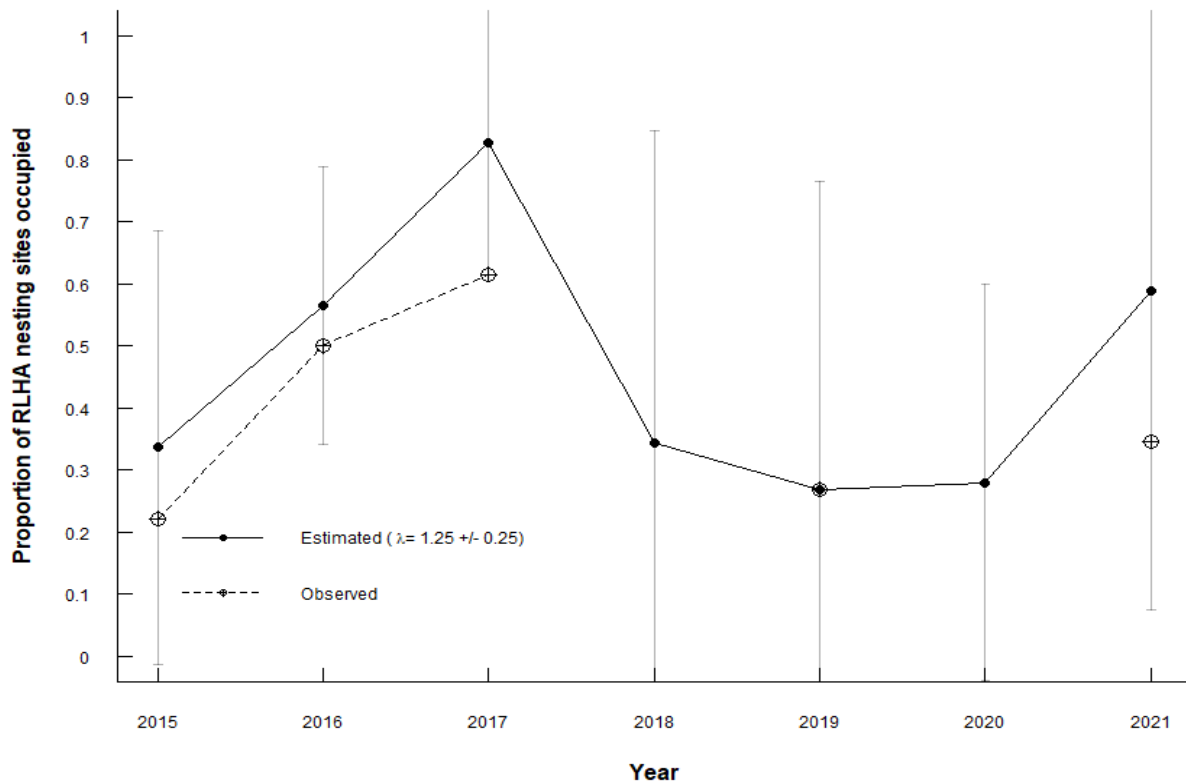


Figure 6. Proportion of RLHA nesting sites occupied from 2015 – 2021 in the vicinity of the Meadowbank/Whale Tail complex. The proportion observed (open circles with dashed lines) are point estimates without error bars, and do not account for detection error. The proportion estimated (closed circles with solid lines) accounts for detection error and includes standard error bars. $\lambda = 1.25 \pm 0.25$

Reproductive Success

Table 9. Estimates of reproductive success for peregrine falcons and rough-legged hawks detected in 2016 and 2021 in the vicinity of the Meadowbank/Whale Tail complex. Values are reported as the number of young hatched from a single nesting attempt by a pair of birds, regardless of nestling age at the time they were observed. Because nestling age varied considerably between years and among sites, measures of annual productivity per se are expected to be biased high.

Year	Peregrine falcons		Rough-legged Hawks	
	2016	2021	2016	2021
Count of occupied nesting sites detected	32	24	12	9
Count of nestlings detected	28	9	20	11
Productivity (apparent)	1.14	0.38	1.67	1.22

Conclusion

This report applies GN-DoE guidelines (Government of British Columbia 2013) to assess potential disturbance to known nesting sites that have been identified over the course of seven survey-years. Agnico Eagle has detected thirteen peregrine falcon nesting sites in rock quarries excavated for building and maintenance of the AWAR. To date there have been no instances of raptors establishing nests on artificial structures along the Haul Road or Whale Tail site.

Monitoring has focused on searching for, documenting and mapping nesting sites for three raptor species (peregrine falcons, rough-legged hawks, and gyrfalcons). Study design was limited to single surveys in some years, which limits estimation of detection error. To address this limitation, starting in 2021, the study design was updated to incorporate multiple surveys annually, and took advantage of the distribution of known nesting sites to monitor occupancy as a function of distance to project-related disturbance.

This report meets Term and Condition 33 by documenting and mapping raptor nesting sites (Figure 4, Table 10). There is no evidence for project-related related disturbance effects for rough-legged hawk occupancy, but occupancy trend for peregrine falcons indicates that the population has declined marginally. This finding may be the result inconsistent monitoring within and among seasons and is consistent with the GN comment in the 2018 Annual Report regarding the potential for insufficient power to detect to project-related effects. There has been no incident requiring permitting for removal of a nest (Term and Condition 36).

The TEMP requires that raptors are deterred from establishing nests on artificial structures, pit walls, or other facilities. However, this has not been done for quarries along the AWAR, except for Quarry 22 and 20, which have become regularly occupied nesting territories. Where occupied nesting sites were detected, mine-related activity within the quarries was restricted. Nesting sites were monitored to minimize disturbance. Nest visits were conducted periodically to conduct egg and nestling counts. Presence of nesting pairs was not made public to minimize disturbance. To fulfill the requirement to develop management and response plans, Agnico Eagle shall update the TEMP in 2022 to include the following: 1) for roadside quarries where work is planned, deterrents will be placed in the quarries in early May prior to arrival on territory; 2) for roadside quarries where no work is planned, regular monitoring shall be conducted to determine occupancy status; 3) for dormant quarries, nesting raptors shall be monitored regularly throughout the breeding season to determine reproductive status (signage shall be placed to identify the presence of breeding raptors and will include a no stopping zone for vehicular traffic).

Improved monitoring and management of these nesting sites can fulfill the requirements outlined in the TEMP, which include active nest monitoring , evaluating the success of mitigation to limit disturbance, and estimating project-related nest failures). In 2022, two specific sites visits are scheduled and will contribute to meeting NIRB Project Certificate Term and Condition.

Table 10. Geographic coordinates (decimal degrees), distance to disturbance (Km) for known nesting sites surveyed between 2015 and 2021. Nesting sites that require management plans are identified.

Nesting Site (ID)	Quarry (QID/NA)	Latitude (DD)	Longitude (DD)	minD2D (Km)	Plan Required (Y/N)
4	NA	65.2687	-96.2974	4.721496	No
6	NA	65.4375	-96.5886	3.301818	No
9	NA	65.4508	-96.6041	4.011828	No
11	NA	65.4456	-96.6039	3.565091	No
14	NA	65.4419	-96.7278	2.494894	No
16	NA	65.4441	-96.7286	2.73864	No
21	NA	65.5366	-96.9563	16.49349	No
23	NA	65.547	-96.7894	14.48601	No
24	NA	65.5488	-96.7702	14.41479	No
25	NA	65.5691	-96.82	17.27002	No
26	NA	65.572	-96.8261	17.66644	No
27	NA	65.5984	-96.9029	21.59351	No
28	NA	65.6049	-96.9071	22.34056	No
31	NA	65.1223	-95.8498	9.283166	No
34	Q21	65.288	-96.3603	2.267662	No
38	NA	65.4844	-96.1955	20.86608	No
39	NA	65.5273	-96.298	19.68274	No
41	NA	65.5754	-96.2762	24.2979	No
42	NA	65.1109	-96.1045	0.489948	Yes
44	Q19	64.9376	-96.2774	0.059193	Yes
45	Q18	64.9187	-96.307	0.103811	Yes
46	NA	65.3424	-96.4942	1.640749	No
49	NA	65.2672	-96.3507	2.67772	No
51	NA	65.0982	-96.1389	2.596574	No
52	NA	65.0708	-96.152	1.656146	No
54	NA	65.1041	-96.2826	8.472441	No
55	NA	65.2811	-96.6848	9.347782	No
58	NA	65.4316	-96.6778	0.663781	Yes
61	NA	65.1749	-95.8958	10.45177	No
63	NA	65.1124	-96.3323	10.64153	No
65	NA	65.2056	-96.6023	7.009489	No
67	NA	65.2015	-96.6061	7.372933	No
68	NA	65.2164	-96.7209	11.65387	No
71	NA	65.4791	-96.7799	7.192097	No
73	NA	65.45661	-96.7737	4.730445	No
74	NA	65.4548	-96.7583	4.309525	No
75	NA	65.4552	-96.7645	4.444319	No
77	NA	65.4438	-96.6637	1.984393	No
78	NA	65.4527	-96.4856	7.656726	No
79	NA	65.4562	-96.3541	12.88137	No
83	NA	65.5043	-97.2294	24.05153	No
85	NA	65.5011	-97.0226	15.65628	No
86	NA	65.506	-97.02	15.9094	No
87	NA	65.5096	-97.0309	16.55378	No
88	NA	65.5104	-97.0353	16.76704	No
89	NA	65.5229	-97.0726	18.98491	No
90	NA	65.5239	-97.0747	19.13091	No
91	NA	65.4693	-96.4458	10.27022	No
92	NA	65.4903	-96.2212	20.10204	No
93	NA	65.4429	-96.6009	3.416694	No
94	NA	65.4598	-96.9551	10.47679	No

95	NA	65.518	-97.1627	22.05709	No
97	NA	65.578	-96.9643	20.65432	No
99	NA	65.5352	-96.7453	12.62668	No
100	NA	65.4894	-96.717	7.357061	No
107	NA	65.2139	-96.7367	12.44198	No
108	NA	65.5387	-97.1977	24.67107	No
109	NA	65.5396	-97.1966	24.68572	No
117	NA	65.4444	-96.9512	9.561814	No
121	NA	65.54508	-97.1639	23.82356	No
126	NA	65.4299	-96.6958	0.752064	Yes
127	NA	65.56562	-97.0678	22.1894	No
128	NA	65.4885	-96.8873	10.26575	No
130	Q22	65.04266	-96.157	0.178078	Yes
132	Q17	64.85917	-96.3248	0.00098	Yes
133	Q16	64.83838	-96.3178	0.053198	Yes
134	Q15	64.81663	-96.327	0.071651	Yes
136	Q13	64.77182	-96.344	0.000923	Yes
140	Q9	64.64706	-96.309	0.076972	Yes
141	Q8	64.63408	-96.3019	0.030638	Yes
142	Q7	64.60918	-96.2829	0.003191	Yes
144	Q5	64.57034	-96.2423	0.000611	Yes
146	Q3	64.50382	-96.1266	0.003544	Yes
147	Q2	64.42444	-96.0506	0.603644	Yes

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APPENDIX J

Non-Native Plant Survey Results

Table J-1: Non-Native Plant Survey Results

Survey Location	Plot ID	Scientific name	Common name	Estimated Number of Plants	Population Description	Population Size (m²)	Latitude	Longitude	2020 Plot ID	2020 Estimated Number of Plants
Meadowbank mine site	MB21W058	<i>Desurainia sophia</i>	flixweed	1,000	a few patches	3,133	65.04044	-96.09243	MB20SOW056	200
Meadowbank mine site	MB21W067	<i>Desurainia sophia</i>	flixweed	20	a single patch or clump of species	108	65.02197	-96.05664	MB20SOW023	10
AWAR	MB21W069	<i>Desurainia sophia</i>	flixweed	25	a single patch or clump of species	728	65.02197	-96.05664	MB20SOW082	20
Meadowbank mine site	MB21W080	<i>Desurainia sophia</i>	flixweed	5,000	a few patches plus several sporadically occurring plants	709	65.02208	-96.06349	MB20SOW022	500
Meadowbank mine site	MB21W085	<i>Desurainia sophia</i>	flixweed	75	single individual	140	65.02256	-96.06893	new	n/a
Meadowbank mine site	MB21W086	<i>Desurainia sophia</i>	flixweed	150	a single patch plus a few sporadically occurring plants	2,251	65.02190	-96.06978	MB20SOW024	100
Meadowbank mine site	MB21W088	<i>Desurainia sophia</i>	flixweed	75	a few patches	213	65.02157	-96.06870	new	n/a
Meadowbank mine site	MB21W089	<i>Desurainia sophia</i>	flixweed	30	a few sporadically occurring individuals	5	65.02262	-96.07284	MB20SOW025	3
Meadowbank mine site	MB21W090	<i>Desurainia sophia</i>	flixweed	65	a single patch or clump of species	52	65.02268	-96.07105	MB20SOW022	500
Meadowbank mine site	MB21W091	<i>Desurainia sophia</i>	flixweed	1	a single patch or clump of species	9	65.02225	-96.07446	MB20SOW025	3
Meadowbank mine site	MB21W092	<i>Tripleurospermum inodorum</i>	scentless chamomile	8	single individual	7	65.02199	-96.07448	MB20SOW026	1
Meadowbank mine site	MB21W094	<i>Desurainia sophia</i>	flixweed	2,000	a single patch or clump of species	548	65.02176	-96.07551	MB20SOW027	2,000
Meadowbank mine site	MB21W095	<i>Desurainia sophia</i>	flixweed	50	a few patches plus several sporadically occurring plants	248	65.02148	-96.07483	MB20SOW009	3
Meadowbank mine site	MB21W097	<i>Desurainia sophia</i>	flixweed	200	a few patches	46	65.02157	-96.07311	MB20SOW031	5,000
Meadowbank mine site	MB21W098	<i>Desurainia sophia</i>	flixweed	600	several sporadically occurring plants	4,032	65.02086	-96.07221	MB20SOW010	25
Meadowbank mine site	MB21W099	<i>Desurainia sophia</i>	flixweed	100	a few sporadically occurring individuals	982	65.02075	-96.06998	MB20SOW003	3
Meadowbank mine site	MB21W100	<i>Desurainia sophia</i>	flixweed	200	a few sporadically occurring individuals	2,977	65.02185	-96.07328	MB20SOW011	5
Meadowbank mine site	MB21W102	<i>Desurainia sophia</i>	flixweed	500	a few patches	1,071	65.01947	-96.07088	MB20SOW058	2
Meadowbank mine site	MB21W103	<i>Desurainia sophia</i>	flixweed	10,000	continuous uniform occurrences of well spaced plants	6,335	65.01980	-96.07321	MB20SOW012	10,000
Meadowbank mine site	MB21W105	<i>Desurainia sophia</i>	flixweed	200,000	continuous uniform occurrences of well spaced plants	8,298	65.01802	-96.07056	MB20SOW033	5,000
Meadowbank mine site	MB21W106	<i>Desurainia sophia</i>	flixweed	300	a few patches	155	65.01589	-96.06968	MB20SOW039	10,000
Meadowbank mine site	MB21W111	<i>Desurainia sophia</i>	flixweed	1,000	continuous uniform occurrences of well spaced plants	1,724	65.01766	-96.06845	MB20SOW036	500
Meadowbank mine site	MB21W112	<i>Desurainia sophia</i>	flixweed	1,000	several well spaced patches	1,521	65.01687	-96.06747	MB20SOW034	500
Meadowbank mine site	MB21W113	<i>Desurainia sophia</i>	flixweed	100	several sporadically occurring plants	3,405	65.01737	-96.06751	MB20SOW035	50
Meadowbank mine site	MB21W114	<i>Desurainia sophia</i>	flixweed	500	a few patches	1,642	65.01776	-96.06667	MB20SOW036	500
Meadowbank mine site	MB21W115	<i>Desurainia sophia</i>	flixweed	100	several sporadically occurring plants	2,072	65.01650	-96.06690	MB20SOW037	50
Meadowbank mine site	MB21W116	<i>Desurainia sophia</i>	flixweed	100	a few sporadically occurring individuals	3,376	65.01636	-96.06559	MB20SOW041	5
Meadowbank mine site	MB21W118	<i>Desurainia sophia</i>	flixweed	20	a few sporadically occurring individuals	79	65.01606	-96.06522	new	n/a
Meadowbank mine site	MB21W119	<i>Desurainia sophia</i>	flixweed	30	a few sporadically occurring individuals	1,833	65.01520	-96.06601	MB20SOW38	10,000
Meadowbank mine site	MB21W121	<i>Desurainia sophia</i>	flixweed	50	a single patch plus a few sporadically occurring plants	213	65.01249	-96.06945	MB20SOW014	40
Meadowbank mine site	MB21W123	<i>Desurainia sophia</i>	flixweed	2,000	a few patches	6,702	65.01225	-96.07117	MB20SOW014	40
Meadowbank mine site	MB21W124	<i>Desurainia sophia</i>	flixweed	59	a few sporadically occurring individuals	3,976	65.01050	-96.06735	MB20SOW046	500
Meadowbank mine site	MB21W125	<i>Desurainia sophia</i>	flixweed	200	a single patch plus a few sporadically occurring plants	335	65.00620	-96.06746	MB20SOW055	10,000
Meadowbank mine site	MB21W126	<i>Desurainia sophia</i>	flixweed	20	a few sporadically occurring individuals	19,464	65.00663	-96.06521	new	n/a
Meadowbank mine site	MB21W127	<i>Desurainia sophia</i>	flixweed	20,000	continuous uniform occurrences of well spaced plants	4,482	65.00337	-96.09243	MB20SOW051	5
Meadowbank mine site	MB21W128	<i>Desurainia sophia</i>	flixweed	500	a few patches	588	65.00469	-96.05664	MB20SOW047	500

Table J-1: Non-Native Plant Survey Results

Survey Location	Plot ID	Scientific name	Common name	Estimated Number of Plants	Population Description	Population Size (m²)	Latitude	Longitude	2020 Plot ID	2020 Estimated Number of Plants
Meadowbank mine site	MB21W130	<i>Desurainia sophia</i>	flixweed	20	a single patch or clump of species	80	65.00405	-96.05664	new	n/a
Meadowbank mine site	MB21W132	<i>Desurainia sophia</i>	flixweed	1,000	several well spaced patches	2,772	65.00389	-96.06349	MB20SOW075	1
Meadowbank mine site	MB21W135	<i>Desurainia sophia</i>	flixweed	50	a few sporadically occurring individuals	28	65.00275	-96.06893	MB20SOW052	30
Meadowbank mine site	MB21W137	<i>Desurainia sophia</i>	flixweed	15	a single patch or clump of species	27	65.00175	-96.06978	MB20SOW050	4
Meadowbank mine site	MB21W144	<i>Desurainia sophia</i>	flixweed	50	a single patch or clump of species	147	65.01122	-96.06870	MB20SOW015	2,000
Meadowbank mine site	MB21W145	<i>Desurainia sophia</i>	flixweed	500	several sporadically occurring plants	10,511	65.00919	-96.07284	MB20SOW045	10,000
Meadowbank mine site	MB21W146	<i>Desurainia sophia</i>	flixweed	200	several sporadically occurring plants	3,676	65.00854	-96.07105	MB20SOW043	250
Meadowbank mine site	MB21W147	<i>Desurainia sophia</i>	flixweed	5,000	a few patches plus several sporadically occurring plants	6,074	65.00804	-96.07446	MB20SOW042	10,000
Meadowbank mine site	MB21W148	<i>Desurainia sophia</i>	flixweed	25	a few sporadically occurring individuals	821	65.00913	-96.07448	MB20SOW053	1,000
Meadowbank mine site	MB21W154	<i>Desurainia sophia</i>	flixweed	50,000	continuous uniform occurrences of well spaced plants	9,593	65.00902	-96.07551	MB20SOW054	50,000
Meadowbank mine site	MB21W155	<i>Desurainia sophia</i>	flixweed	5,000	several well spaced patches	7,077	65.00339	-96.07483	MB20SOW049	5
Meadowbank mine site	MB21W156	<i>Desurainia sophia</i>	flixweed	1,000	several sporadically occurring plants	4,736	65.02389	-96.07311	MB20SOW001	30
Meadowbank mine site	MB21W157	<i>Desurainia sophia</i>	flixweed	500	a few patches	6,818	65.02624	-96.07221	MB20SOW020	2
Meadowbank mine site	MB21W158	<i>Desurainia sophia</i>	flixweed	3,000	several well spaced patches	6,706	65.02876	-96.06998	MB20SOW063	500
Meadowbank mine site	MB21W160	<i>Desurainia sophia</i>	flixweed	1,000	a few patches	4,541	65.02850	-96.07328	MB20SOW007	2,000
Meadowbank mine site	MB21W161	<i>Desurainia sophia</i>	flixweed	2,000	several well spaced patches	22,692	65.00849	-96.07088	MB20SOW078	5,000
Meadowbank mine site	MB21W163	<i>Desurainia sophia</i>	flixweed	800	a few patches	1,363	65.01068	-96.07321	MB20SOW079	100
Meadowbank mine site	MB21W166	<i>Desurainia sophia</i>	flixweed	75	a single patch or clump of species	189	65.02045	-96.07317	MB20SOW032	30
Meadowbank mine site	MB21W167	<i>Desurainia sophia</i>	flixweed	500	a few patches	1,313	65.02007	-96.07056	MB20SOW030	5,000
Meadowbank mine site	MB21W168	<i>Desurainia sophia</i>	flixweed	1,000	a few patches	921	65.02135	-96.06968	MB20SOW031	5,000
AWAR	MB21W169	<i>Desurainia sophia</i>	flixweed	1	single individual	27	65.01745	-96.06845	MB20SOW040	1
AWAR quarry	MB21W171	<i>Desurainia sophia</i>	flixweed	30	a few sporadically occurring individuals	4,456	64.83815	-96.06747	new	n/a
AWAR quarry	MB21W172	<i>Desurainia sophia</i>	flixweed	1,000	a few patches plus several sporadically occurring plants	27,294	64.83117	-96.06751	MB20SOW087	5,000
AWAR	MB21W174	<i>Desurainia sophia</i>	flixweed	100	a few patches	9,472	64.78772	-96.06667	MB20SOW091	200
AWAR	MB21W179	<i>Desurainia sophia</i>	flixweed	20	a single patch or clump of species	36	64.70347	-96.06690	MB20SOW095	50
AWAR	MB21W180	<i>Desurainia sophia</i>	flixweed	50	a single patch plus a few sporadically occurring plants	74	64.67591	-96.06559	new	n/a
AWAR quarry	MB21W183	<i>Desurainia sophia</i>	flixweed	200,000	a continuous occurrence of plants with a few gaps in the distribution	13,668	64.64635	-96.06522	MB20SOW104	100,000
AWAR	MB21W184	<i>Desurainia sophia</i>	flixweed	1	single individual	7	64.64218	-96.06601	new	n/a
AWAR	MB21W187	<i>Desurainia sophia</i>	flixweed	1,000	a single patch plus a few sporadically occurring plants	434	64.60150	-96.06945	new	n/a
AWAR quarry	MB21W188	<i>Desurainia sophia</i>	flixweed	100	several sporadically occurring plants	3,025	64.58278	-96.07117	MB20SOW101	50
AWAR quarry	MB21W188	<i>Tripleurospermum inodorum</i>	scentless chamomile	150	a single patch plus a few sporadically occurring plants	3,025	64.58278	-96.06735	new	n/a
AWAR	MB21W189	<i>Desurainia sophia</i>	flixweed	75	a single patch or clump of species	83	64.57785	-96.06746	new	n/a
AWAR quarry	MB21W190	<i>Desurainia sophia</i>	flixweed	100,000	a continuous occurrence of plants with a few gaps in the distribution	10,149	64.57035	-96.06521	MB20SOW102	200
AWAR quarry	MB21W190	<i>Tripleurospermum inodorum</i>	scentless chamomile	200	a few patches	10,149	64.57035	-96.06145	MB20SOW102	75
AWAR quarry	MB21W191	<i>Desurainia sophia</i>	flixweed	50	a few sporadically occurring individuals	1,870	64.56083	-96.06668	MB20SOW105	25

Table J-1: Non-Native Plant Survey Results

Survey Location	Plot ID	Scientific name	Common name	Estimated Number of Plants	Population Description	Population Size (m²)	Latitude	Longitude	2020 Plot ID	2020 Estimated Number of Plants
AWAR	MB21W192	<i>Desurainia sophia</i>	flixweed	1,000	a few patches plus several sporadically occurring plants	1,704	64.53462	-96.07469	MB20SOW106	1,000
AWAR quarry	MB21W193	<i>Desurainia sophia</i>	flixweed	50,000	several well spaced patches	45,296	64.50321	-96.06866	MB20SOW107	10,000
AWAR	MB21W194	<i>Desurainia sophia</i>	flixweed	100	several sporadically occurring plants	10,535	64.44693	-96.06091	new	n/a
AWAR quarry	MB21W195	<i>Desurainia sophia</i>	flixweed	10,000	continuous uniform occurrences of well spaced plants	18,223	64.42459	-96.06000	MB20SOW111	5,000
AWAR	MB21W196	<i>Desurainia sophia</i>	flixweed	5,000	several sporadically occurring plants	475,700	64.39556	-96.06904	MB20SOW112	50
AWAR quarry	MB21W197	<i>Desurainia sophia</i>	flixweed	50,000	continuous uniform occurrences of well spaced plants	431,920	64.35547	-96.06957	new	n/a
AWAR	MB21W198	<i>Tripleurospermum inodorum</i>	scentless chamomile	5,000	a few patches plus several sporadically occurring plants	6,230	64.32118	-96.07124	MB20SOW171	10,000
AWAR	MB21W198	<i>Desurainia sophia</i>	flixweed	5,000	a few patches plus several sporadically occurring plants	6,230	64.32118	-96.07016	MB20SOW171	10,000
Baker Lake tank farm	MB21W200	<i>Desurainia sophia</i>	flixweed	50,000	several well spaced patches	168,360	64.30852	-96.06780	MB20SOW174	100,000
Baker Lake tank farm	MB21W201	<i>Tripleurospermum inodorum</i>	scentless chamomile	200	a single patch plus a few sporadically occurring plants	1,222	64.30740	-96.05945	MB20SOW169	100

APPENDIX K

Flixweed Risk Assessment

TECHNICAL MEMORANDUM

DATE February 2022

Project No. 21452616

TO Marie-Pier Marcil, Agnico Eagle Mines Limited

CC Valerie Coenen; Corey De La Mare

FROM Shannon O'Dwyer

EMAIL sodwyer@golder.com

FLIXWEED (*DESCURAINIA SOPHIA*) RISK ASSESSMENT

1.0 BACKGROUND

Agnico Eagle Mines Limited (Agnico Eagle) initiated a non-native plant monitoring study in 2019 at their Meadowbank-Whale Tail Complex to assess and monitor the potential introduction of non-native plant species, including weeds or invasive species. The results of these surveys have indicated large populations of the non-native plant flixweed (*Descurainia sophia*) are present throughout the Meadowbank-Whale Tail Complex. After three consecutive years of monitoring, the populations appear to be stable, though potentially expanding in size and distribution. The Government of Nunavut (GN) has recommended that Agnico Eagle produce a risk assessment examining:

- the potential for the species to colonise undisturbed habitats beyond the disturbed areas of the Meadowbank-Whale Tail complex;
- the impact of this species on efforts to revegetate disturbed areas of the complex with species and plant communities endemic to Nunavut, as required under term and condition 26; and
- the risk of this species to wildlife such as caribou.

In late 2021, it was proposed by a botanist at the Canadian Museum of Nature (P. Sokoloff, personal communication, September 26, 2021) that the species being classified as flixweed could possibly be the native species, northern tansymustard (*Descurainia sophioides*). Both flixweed and northern tansymustard are very similar in appearance and habitat and therefore fill similar ecological niches. The best way to distinguish the two species is based on the shape of the hairs, visible under magnification. Flixweed has star shaped hairs on the surface of its leaves while northern tansymustard has glandular hairs (Densmore et al. 2001). Because it was too late in the growing season in 2021 to obtain a viable sample for identification, the plant cannot be definitively identified until the next growing season in 2022.

This risk assessment will focus on flixweed as there is much more published literature available to assess its habitat, global distribution, reproduction and potential control methods. Much less is known about the native northern tansymustard other than its preferred habitat and where it has been observed. The risk assessment can be updated when the identity of the species can be confirmed.

2.0 FLIXWEED (*DESCURAINIA SOPHIA*)

General Information

Flixweed is a winter annual, meaning it emerges in fall, overwinters as a rosette, and resumes growth in early spring. The seedlings establish early in the season as low to the ground rosettes which protect the plant from low temperatures and drying winds and is insulated by the snow (Mitich 1996). The plant is greyish green in colour due to minutely branched or forked hairs with alternate, fern like leaves, finely dissected two to three times. Flixweed has a single coarse stem with basal and cauline leaves that are pinnately divided 2 to 3 times (Howard 2003). Its flowers are clustered at the top of the stem with yellow petals. Flixweed is listed as a Tier 3 noxious weed in Manitoba (GoM 2020) and in Alberta flixweed is not regulated under the *Weed Control Act* (2011) and Regulation as prohibited noxious or noxious but is considered a nuisance weed as it is so common and abundant across the province (ABMI 2009). It is not listed as a regulated weed in any other province or territory in Canada.

Habitat/Distribution

Flixweed is an introduced species from Europe and Northern Africa and it was discovered in Canada around 1840 (Best 1977, Hulten 1968, Mitich 1996). Its North American range is widespread from Quebec to Washington, south to Delaware, New York, Illinois, Missouri, Kansas and California (Mitich 1996). It is not known to occur in Nunavut but is present in all other provinces and territories in Canada (FNA 2022).

Flixweed grows in a broad spectrum of environments ranging from cold desert, tundra, alpine to hot desert and dry tropical Hawaiian ecosystems (Kartesz and Meacham 1999). It grows in disturbed habitats, roadsides, waste places, railroad embankments, fields, lawns pastures and deserts (FNA 2022). It is well adapted to dry sites (CABI 2022) which explains why it grows well along gravelly roadsides, quarries, and laydown areas around the Meadowbank-Whale Tail Complex.

Flixweed tends to grow in early successional communities. One experiment in northwest Colorado showed flixweed appearing in the first year after bulldozing the site. The plant biomass peaked after two years following disturbance and declined for the next five years. It was present in only trace amounts in undisturbed adjacent plots (McLendon and Redente 1994). On strip-mined sites in south-central Alaska, flixweed volunteered on revegetated reclamation sites, but was absent by post-treatment year 10 (Elliott et al. 1987). It does not tend to invade natural plant communities (University of Alaska Anchorage 2011) and is therefore perceived to not be a threat to native plant populations (Densmore et al. 2001).

Reproduction

Flixweed is a prolific seed producer, with each plant producing on average 75,000 seeds but is capable of producing up to 700,000 seeds per plant (Mitich 1996). Seeds are spread by wind, vehicles and machinery (Howard 2003) and establish on open soil disturbances (Densmore et al. 2001). Reproduction occurs exclusively by seed (Salisbury 1961); therefore it is important to control plants before they go to seed. However, long-term viability of seeds is reported to be of considerable length in the soil (Salisbury 1961). Buried flixweed seed remained viable for at least 4 years in Alaska (Conn, 1990).

Germination rates of seeds are generally high. Flixweed seed collected in Alberta showed 75% germination after cold storage/stratification (Blackshaw 1991). Germination was still observed after one day in a cow's rumen and after eight weeks in a barley filled silo (Blackshaw 1991). The establishment of flixweed occurs soon after a soil disturbance, however abundance normally declines as perennial species take over (Tannas 2004).

Control Methods

Control of flixweed can be achieved through mechanical treatment and herbicide (University of Anchorage Alaska 2011) however, given the sensitive nature of tundra habitat, the use of herbicides should be avoided. Flixweed has even been shown to be resistant to several herbicides (Heap 2022). Herbicides are also rarely a complete or long-term solution to flixweed management (Bussan and Dyer 1999) because they do not change the conditions that allow infestations to occur (Youtie and Soll 1990).

Flixweed is managed in agricultural settings by fall or early spring cultivation before flowers and seeds have been produced, which physically removes the overwintering rosettes (Best 1977, E-Flora BC 2022). Flixweed does not resprout after removal of aboveground growth (Densmore et al. 2001). For smaller infestations uprooting plants by hand can be effective (Colorado Department of Agriculture et al., 2000).

Some weed species are able to be managed by increasing shade depending on how shade tolerant the species is. Greenhouse trials were able to show flixweed biomass was reduced when light transmission was reduced (Landau et al. 2017). Trials at the Meadowbank-Whale Tail Complex in 2021 included placing geotextile fabric over dense populations to reduce light availability. Results of these trials are pending until an assessment during the 2022 growing season.

Because flixweed is considered a pioneer species, it does not usually persist in late-seral communities and may not require special control measures if native plant cover can be established (Howard 2003). Canopy closure, litter accumulation and/or growth interference from later-successional species tend to exclude flixweed over time (Howard 2003). Because it appears to be largely controlled by successional status, little effort has been spent on researching other controls such as fire, herbicides, mechanical treatments (Howard 2003). Replacement with desirable species and prevention of new infestations is considered the most effective management of flixweed (Howard 2003).

Potential Risk to Wildlife

Although there are studies on the effects of flixweed on livestock, wildlife use of flixweed and other tansymustards is poorly documented. The plants do contain poisonous levels of nitrate (Stephens 1980) and seeds contain poisonous isoallyl thiocyanates and irritant oils; however large quantities must be consumed over time for poisoning to occur (Fishel 2003). Observations of sage-grouse in Nevada showed they grazed most of the early spring forbs in a big sagebrush community but avoided flixweed (Savage 1969). Flixweed is moderately palatable to livestock, although livestock may prefer other tansymustard species. In free-choice trials, cattle in Montana selected western tansymustard (*Descurainia pinnata*) more often than flixweed (Pfister et al. 1990). Further studies are needed to determine the relative importance of tansymustards in animal communities – including barren ground caribou (Howard 2003).

3.0 NORTHERN TANSYMUSTARD (*DESCURAINIA SOPHIOIDES*)

Northern tansymustard (*Descurainia sophioides*) is native to the arctic and subarctic (Mitich 1996). Its habitat is very similar to that of flixweed as it grows on gravel bars, roadsides, parking areas, eroded peat, waste sites, rocky outcrops, mining dumps and disturbed soils (BC CDC 2022, FNA 2022). It is common in the western arctic around settlements and along roads (Aiken et al. 2007). The global range of northern tansymustard is from Hudson Bay to Alaska (BC CDC 2022). Known populations of northern tansymustard have been collected from Baker lake (1983), Rankin Inlet (1974, 1991, and 2001) and herbarium specimens are at the Canadian Museum of Nature (BC CDC 2022).

Because it is a native species in a remote region with little economic purposes, much less is known about northern tansymustard compared to flixweed.

4.0 CONCLUSIONS

Flixweed has shown that it can easily establish in the disturbed habitats in and around the Meadowbank-Whale Tail Complex; however it has yet to be observed in the native tundra. The literature supports this observation that it does not persist in late seral vegetation communities. The vegetation in native tundra is likely sufficient to keep flixweed from establishing. The risk of flixweed colonizing undisturbed habitat at the Meadowbank Complex is low. Additionally, given its ability to establish quickly and overall short-lived persistence to disturbed areas, flixweed does provide some benefit of soil stabilization in disturbed areas to minimize soil erosion and loss.

Revegetation of disturbed areas will likely initially include populations of flixweed as it is an early pioneer species. Once native plant cover can be established, these populations should begin to decrease with minimal control interventions.

Although the risk to caribou and other wildlife of foraging on flixweed is unknown, it is likely that large quantities need to be consumed for toxic effect. Further, surveys of non-native species at the Meadowbank-Whale Tail Complex should monitor for non-native plant species that have been grazed by wildlife.

If the flixweed species is identified to be the native northern tansymustard, these risks will need to be re-evaluated to determine, which if any are applicable.

5.0 CLOSURE

We trust that this report provides the information you require at this time. Please contact the undersigned if there are any questions or clarification is needed.

Golder Associates Ltd.

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[https://golderassociates.sharepoint.com/sites/140871/project files/5 technical work/reporting_data management/03_draft temp 2021/appendices/appendix i - flixweed risk assessment/flixweed risk assessment.docx](https://golderassociates.sharepoint.com/sites/140871/project%20files/5%20technical%20work/reporting_data%20management/03_draft%20temp%202021/appendices/appendix%20i%20-%20flaxweed%20risk%20assessment/flaxweed%20risk%20assessment.docx)

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APPENDIX L

Caribou Behaviour Monitoring



Meadowbank Gold Mine

Caribou Behaviour Study, 2021

March 2022

Project No.: 0597635-01

March 2022

Meadowbank Gold Mine

Caribou Behaviour Study, 2021

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EXECUTIVE SUMMARY

The Meadowbank Complex, owned and operated by Agnico Eagle Mines Limited (Agnico Eagle), is located on Inuit Owned Land (IOL) and includes the Meadowbank Gold Mine (the Project) approximately 90 km north of the Hamlet of Baker Lake, and the Whale Tail Pit Project located approximately 150 km north of the Hamlet. A 108 km All Weather Access Road (AWAR) connects the Meadowbank Gold Mine to Baker Lake, and the 72 km Whale Tail Haul Road (WTHR) connects the Meadowbank Gold Mine to the Whale Tail site. During spring and fall migration, Lorillard caribou, along with smaller numbers of Wager Bay and Ahiaik caribou occur in the Project area, regularly crossing through the Project site, AWAR, and WTHR.

As part of the Nunavut Impact Review Board (NIRB) Project Certificates #004 and #008, Agnico Eagle is required to study and report on the effects of the Project on caribou. The Agnico Eagle Terrestrial Ecosystem Management Plan (TEMP; 2019) includes behaviour monitoring for caribou.

During 2020, Agnico Eagle retained ERM Consultants Canada Ltd. (ERM) to update the field protocols used for behaviour monitoring. ERM adapted standard methods for caribou behaviour monitoring developed by the Government of Northwest Territories Department of Environment and Natural Resources (GNWT ENR). Following the first year of data collection in 2020 and comments from the Terrestrial Advisory Group (TAG) reviewers, the Government of Nunavut (GN), and Kivalliq Inuit Association (KivIA), the protocols were updated for the 2021 season to improve the quality of the data collected.

Field surveys were conducted primarily during spring and fall migration in 2020 and 2021 by the Agnico Eagle environmental technicians. These technicians were trained and were dedicated to conducting behaviour surveys. Each survey lasted 30 minutes, with scan samples conducted every three minutes.

The behaviour monitoring data from 2021 were combined with data from 2020, and all results outlined in this report use both years, unless otherwise stated. The program and combined data resulted in several key findings:

- The standard monitoring protocols adapted from the GNWT ENR worked well at the Project site.
- 134 surveys were conducted in 2021, compared to 116 in 2020; 114 surveys occurred during spring migration from March to May, 15 occurred during calving and summer from June to August, and five occurred during fall migration from September to December.
- Caribou mostly exhibited the non-response behaviours of standing, laying, feeding, and walking.
- Observations were well distributed across a range of caribou group sizes from 1 to 2 individuals to >1,000.
- Larger groups of caribou tended to be recorded further from the road. Only two groups larger than 100 individuals were recorded within 100 m of the road at the start of the survey, both in 2021.
- Caribou group size was not linked to response behaviour or walking behaviour in statistical analyses.
- Statistical analysis indicated that there is a trend for caribou at greater distance from the road (>1,000 m) to have a lower proportion of response behaviours (alert and running) than caribou within 100 m of the road.
- Approximately 70% of the surveys included a disturbance event; typically, haul traffic and light trucks from the mine, and occasionally all-terrain vehicles (ATVs) from Baker Lake on the AWAR for travel and harvesting.
- Following a disturbance event, the proportion of response behaviours in a group of caribou was significantly higher, but generally returned to baseline behaviours within one or two sampling intervals (i.e., three or six minutes).

- In response to comments from the KivIA, the behaviour of “walking” was investigated for whether it may be an “alert” behaviour instead of a non-response behaviour, however, disturbances did not statistically affect the proportion of caribou walking.
- Surveyors conducted special 90-minute surveys during convoys to assess whether the response to convoys was similar to that of other vehicles. Caribou responded similarly to convoys but possibly for longer than for other vehicles. More convoy surveys are needed to analyse the data statistically.
- During periods when large groups of caribou are present, the AWAR and Haul Roads are closed following a decision tree in the Meadowbank Mine TEMP, reducing the potential to record interactions between vehicles and caribou. Road closure status did not affect behaviour in the statistical analysis, possibly due to it having less explanatory power than the other variables included.
- Groups of caribou were observed on both the east and west sides of the road in all seasons, but were more commonly observed on the west side during spring migration (a.k.a. upstream of the dominant direction of travel). Statistical analysis found that side of road and season did not affect response behaviour (alert/running), but that caribou were significantly more likely to be walking on the upstream side of the road. The dominant behaviour on the downstream side was feeding or laying down.

The updates applied to the survey protocol in 2021 used feedback from the first year of data and analysis, and were helpful in improving the overall quality and accuracy of the data. Even with some changes to the protocol between 2020 and 2021, the trends in the results were highly consistent between the two years of data. This increases the confidence that trends are repeatable year to year. Overall, the results of the statistical analysis provided support for the key hypothesis that caribou tend to respond to disturbances, particularly when they are close to the road. However, the analysis also found that disturbances did not have a detectable effect on caribou behaviour after three to six minutes. Additional data collection in fall and during convoys would bolster the sample size and improve the likelihood of detecting statistically significant effects.

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ACRONYMS AND ABBREVIATIONS

Agnico Eagle	Agnico Eagle Mines Ltd.
AIC	Akaike information criterion
ATV	All-terrain vehicle
AWAR	Meadowbank Mine All Weather Access Road
CIRNAC	Crown-Indigenous Relations and Northern Affairs Canada
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
GLMMs	Generalized linear mixed-effects models
GN	Government of Nunavut
GNWT ENR	Government of Northwest Territories Department of Environment and Natural Resources
IOL	Inuit Owned Land
KivIA	Kivalliq Inuit Association
km	Kilometre
km/hr	Speed expressed as kilometre per hour
m	Metre
NIRB	Nunavut Impact Review Board
T&C	Terms and Conditions
Project	Meadowbank Gold Mine
TEMP	Meadowbank Mine Terrestrial Ecosystem Management Plan
WTHR	Whale Tail Haul Road
the Project	The Meadowbank Mine

1. PROJECT OVERVIEW

The Agnico Eagle Mines Ltd. (Agnico Eagle) Meadowbank Gold Mine (the Project), located in the Kivalliq Region of Nunavut (Figure 1-1), received a Project Certificate (#004) from the Nunavut Impact Review Board (NIRB) in 2006. The adjacent Whale Tail Pit Project received a Project Certificate (#008) from the NIRB in 2018, which was amended in 2020. The Project Certificates, and subsequent Water Licenses (#2AM-WTP1830), GN and CIRNAC Land Lease, and KivIA Production Lease, allowed development of five gold deposits in the 11 years since the start of operations at the Meadowbank Gold Mine and the first phase of the Whale Tail satellite deposit. This has included construction of a gold mine and ancillary facilities including an All Weather Access Road (AWAR), Whale Tail Haul Road (WTHR), barge unloading facilities, lay-down area, and a fuel tank farm near the Hamlet of Baker Lake.

The Meadowbank Gold Mine is located approximately 90 km north of the Hamlet of Baker Lake. Mining has ceased at Meadowbank, but the site hosts accommodation, an active mill, and ancillary mechanical, maintenance and vehicles. The Whale Tail Pit Project, located approximately 150 km north of the Hamlet, is an open-pit, truck-and-shovel mine operation and will produce an estimated 19 M tons of ore. Ore is hauled from Whale Tail to the Meadowbank Gold Mine for milling on the WTHR.

Studies of caribou behaviour were conducted during spring migration, summer, and fall migration in 2020 and 2021 at the Meadowbank Gold Mine, AWAR, and WTHR to monitor for potential Project effects on caribou.

1.1 Project Terms and Conditions and TEMP

Under the NIRB Certificate #008 for the Whale Tail Project, Term and Condition 28 requires the Project to have a Terrestrial Ecosystem Management Plan (TEMP):

(NIRB #008; T&C 28) The Proponent shall maintain a Terrestrial Ecosystem Management Plan (TEMP) throughout all phases of the Project. The Plan shall include detailed monitoring, mitigation, and adaptive management measures for wildlife, with consideration for each Project activity predicted to affect wildlife, and with inclusion of specific triggers for mitigation and adaptive management intervention. The TEMP shall demonstrate consideration for all relevant commitments made by the Proponent throughout the Nunavut Impact Review Board's review of the Project.

The Meadowbank Division TEMP (Agnico Eagle 2019) is designed to meet this condition. The TEMP includes a survey program for caribou that records caribou behaviour in response to various disturbances.

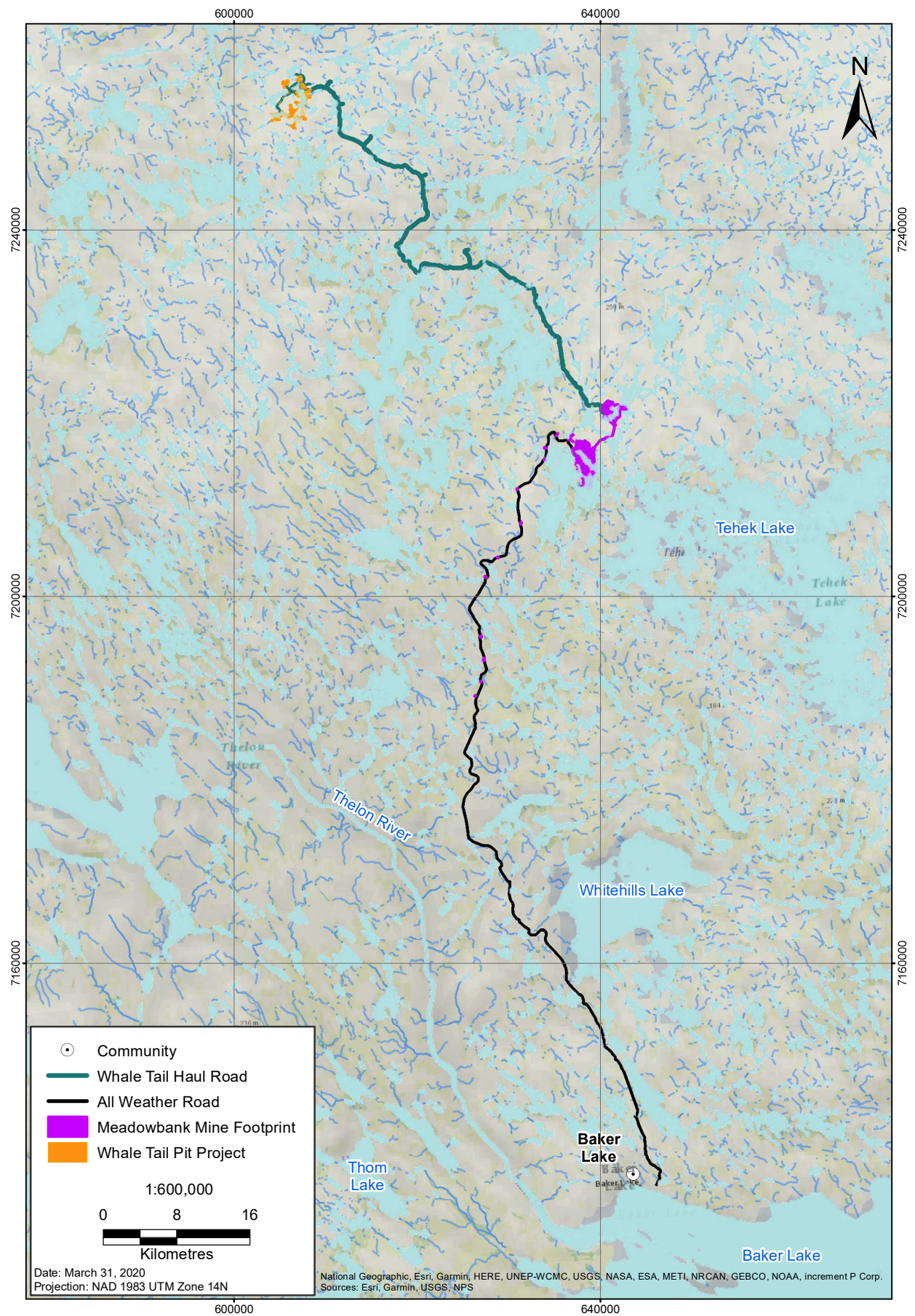


Figure 1-1: Location of Meadowbank Gold Mine and Whale Tail Pit Project

2. STUDY OBJECTIVES

Based on guidance from the TEMP, the overall objective of the caribou behaviour monitoring program is:

- To determine if caribou activity budgets change with distance from the mine, and to document caribou response to stressors.

The detailed objectives of the 2020 and 2021 combined study were:

1. To conduct a study using the Government of Northwest Territories Department of Environment and Natural Resources (GNWT ENR 2017) behaviour survey methodology at the Project site to estimate how the AWAR, WTHR, and site infrastructure contribute to the effects of the Project on caribou.
2. To collect a set of 100 samples of caribou behaviour each year.
3. To use information from the surveys to determine what factors predict caribou behaviour, specifically comparing:
 - Near vs. far;
 - Large groups of caribou vs. small groups;
 - Surveys with and without disturbances;
 - Road open vs. closed; and
 - Upstream vs. downstream side of the road (east or west side, as determined by dominant direction of travel in each season).

3. BACKGROUND

Five caribou sub-populations may interact with the Meadowbank Project Area: Lorillard, Wager Bay, Qamanirjuaq, Beverly, and Ahiak. Primarily, caribou from Lorillard herd interact with the Project, and smaller numbers of caribou from the Ahiak and Wager Bay herds interact with the Project. Collar data indicates that caribou occur mostly in the area in late winter and during fall rut.

3.1 Lorillard Herd

The majority of recorded interactions of collared caribou with the mine site and road have been from Lorillard caribou. The Lorillard caribou herd is a mid-sized caribou herd that numbered 41,000 animals in 2002, with no recent estimates of population size (COSEWIC 2016). Its range occurs entirely in Nunavut, with the core of its range stretching northward from Chesterfield Inlet on the Hudson Bay coast and westward toward Baker Lake.

The herd generally winters on the tundra in northern central mainland Nunavut. Spring migration is westward and north of Chesterfield Inlet, past the community of Baker Lake to a calving ground south of Wager Bay and close to the Hudson Bay coast (Nagy and Campbell 2012). During late April and early May, groups of animals from this herd interact with the community of Baker Lake, Meadowbank Mine, Whale Tail Mine, the AWAR and WTHR (Agnico Eagle 2020).

Following calving, the caribou form into large groups and generally move west and inland, gradually returning west towards their wintering areas by early December (Nagy and Campbell 2012). Throughout this period, caribou may interact with the Project infrastructure.

3.2 Existing Caribou Management Measures

As per the TEMP, during peak migration the road is closed to all but essential mine traffic. During road closures, essential mine traffic typically occurs in the form of scheduled convoys of vehicles travelling tightly in one group to minimize the sensory disturbance to caribou. During non-peak periods, caribou observations near the road trigger speed restrictions that apply to all mine traffic. Road closures are triggered separately for the WTHR and the AWAR. In 2021, the AWAR was closed for 57 days and open with a speed restriction for 39 days. The WTHR was closed for 14 days, and open with a speed restriction for 29 days. Drivers for the mine are also trained to slow when caribou are within sight and follow the mitigation measures outlined in the TEMP.

Caribou surveys were considered an essential activity by the Project, allowing the survey pickup truck to be used on the AWAR and WTHR even when these roads were closed to normal mine traffic.

3.3 Terrestrial Advisory Group

A Terrestrial Advisory Group (TAG) was formed in 2019 as a collaborative forum to discuss Inuit Qaujimajatuqangit (IQ), Traditional Knowledge (TK) and western science applications to mitigation and monitoring programs for the Meadowbank Mine, including on caribou movement in the project area. Members of the group include the Government of Nunavut (GN) and the Kivalliq Inuit Association (KivIA) and the Baker Lake Hunters and Trappers Association (HTO). Following the discussion of the caribou behaviour survey results in 2020, the TAG and particularly KivIA suggested several improvements to the survey protocol and analysis methods. These improvements included adding a variable for road closures and testing whether caribou walking could be considered a response behaviour. Agnico Eagle endeavored to incorporate all of the suggestions of the TAG into the 2021 data collection process and analysis.

4. STUDY AREA

The Meadowbank Gold Mine is located approximately 90 km north of the Hamlet of Baker Lake, and the Whale Tail Pit Project is located approximately 150 km north of the Hamlet. Overall, the Meadowbank Complex, consisting of both mines, processing facility, roads, and associated infrastructure and activities, is approximately 300 km inland from the northwest coast of Hudson Bay and is above the tree line near the Arctic Circle. The local physiography is characterized by numerous lakes and low, rolling hills covered mainly by lichen/rock complexes, and heath tundra.

The study area for behaviour monitoring included the existing footprint for the Meadowbank Gold Mine site, the AWAR, the WTHR, plus a 1 km buffer surrounding these areas (See Figure 1-1). Surveys were conducted on any caribou that could be visually surveyed from Project infrastructure up to a distance of 3 km with the aid of binoculars.

5. METHODS

5.1 Field Surveys

Survey methods followed protocols for monitoring caribou behaviour developed by the Government of Northwest Territories Department of Environment and Natural Resources (GNWT 2017). During 2020, ERM refined these methods for Agnico Eagle's Nunavut mine operations. The updated methods focus on scan samples, *in lieu* of both scan and focal samples. Given time and personnel constraints, this was determined to be a more efficient use of time and produce better quality data that is suitable for statistical analysis. The updated methods also include an initial survey step to randomize which group of caribou to monitor when multiple groups are available. In 2021 these methods were further refined to reflect lessons learned in 2020. The 2021 updates included using a rangefinder to measure distance and recording additional information such as whether the caribou occurred on the east or west side of the road. Detailed survey protocols are attached in Appendix A.

Prior to spring migration, a wildlife biologist from ERM conducted a virtual classroom and practical training program for Agnico Eagle environmental technicians dedicated to the task of behaviour observations.

The overall method for the field surveys was to: identify caribou groups visible from the mine site, AWAR and WTHR; randomly select groups for observation; and record the behaviour of individuals in groups of different sizes, including their responses without any disturbance and in response to mine-related activities and natural factors. Surveys were conducted mainly during the spring migration when the largest number of caribou pass through the Project area, but were also conducted opportunistically during summer and fall migration.

A reconnaissance survey was first conducted to identify where caribou groups were located. Where multiple groups were observed, surveyors chose which group to sample using a random number table, or specifically chose groups to fill data gaps. Field methods included the recording of site information at the location of each survey, including GPS coordinates, weather conditions, road structure, and location of the caribou group in relation to the surveyors and the road. Individuals in the observed-group were categorized when the survey started and every three minutes (referred to here as a "time interval") until 30 minutes had elapsed.

Behaviour categories and their definitions were standardized following GNWT (2017) classifications. The behaviour categories were: feeding, lying down, standing, alert, walking, and trotting or running.

At each three-minute interval, surveyors recorded the numbers of individuals in the group exhibiting each behaviour at that time. If the group was too large to be counted in each interval (>100 individuals), an identifiable subset of the group was surveyed during each interval and the total group size was recorded on the datasheet. In the case that a disturbance event occurred during the survey the time and type of disturbance was recorded. A **disturbance** is defined as any human-caused loud noise, low-flying aircraft, or vehicle travelling on the road. Of the disturbances recorded in 2020 and 2021, 97% were from road related disturbances (vehicles) and 3% were from blasts or helicopters. In the analysis all disturbances are treated equally.

Alert behaviour and trotting or running were considered disturbance "**response behaviours**" and were grouped together in the subsequent data analysis. In this report, alert and running behaviours are referred to collectively as response behaviours, but it is important to note that this is irrespective of whether or not there were disturbances recorded. Caribou may exhibit these behaviours without a disturbance occurring. Walking was also assessed as a response behaviour in some analyses, which are specifically noted in the results.

Following recommendations from the TAG in 2021, an additional set of longer surveys was completed to specifically look at the behavioural response to convoys of vehicles. These surveys were 90 minutes each, consisting of a “before convoy”, “during convoy” and “after convoy” survey. Observers sought out caribou that were likely to remain within view for 90 minutes, such as caribou that were feeding or laying down. Nine surveys were completed using this extended methodology. These are explored visually in the results, but were not analysed in a separate statistical analysis due to the small sample size.

5.2 Data Analysis

The objective of the data analysis was to quantify trends in the survey data, and determine whether factors such as distance to Project infrastructure (road), group size, or the disturbances could be used to explain caribou behavior. The primary hypothesis was that caribou closer to the road would demonstrate a stronger response to disturbances. An initial exploratory analysis was conducted to visualize the data and determine the appropriate method for analyzing the data.

A regression analysis was conducted to test whether the data from these surveys could be analyzed statistically. To increase the power to detect changes in caribou behaviour, the behaviour categories were grouped for analysis into “response” behaviours (alert and running) and non-response behaviours (feeding, lying down, standing, and walking).

Following the 2020 analysis, there was a suggestion from the TAG to explore whether the proportion of walking caribou changed as a response to disturbance. This was done to see if walking would be better categorized as a response behaviour or a non-response behaviour. For the analysis, walking data was still kept separate from running or alert behaviours (the previous response behaviours), because the proportion of caribou walking was substantially higher at any given time than the proportion exhibiting alert or running behaviour. Grouping the three “response” behaviours together would risk washing out the potentially higher stress behaviours of alert and running.

Generalized linear mixed-effects models (GLMMs) were used to assess the differences in the proportion of response behaviours in surveyed animals as a function of various controlling variables, including the occurrence of disturbances. This regression framework provides a means to control for habitat, environmental variables, repeated measurements, and spatial correlation.

Statistical analyses were conducted using the data from each three-minute time interval in each survey. To reiterate, each survey consisted of 11 observations: Minute zero plus 10 three-minute time intervals, totalling one 30-minute survey. Three dependent variables were tested:

1. The first dependent variable tested was the proportion of response behaviours in each time interval, modelled using a binomial distribution.
2. The second dependent variable tested was the proportion of walking behaviour in each time interval, modelled using a binomial distribution.
3. A third dependent variable was developed to track the number of minutes it took caribou to return to background behavior levels every time there was a disturbance. In order for a response to be included, the proportion of alert or running caribou after a disturbance had to be 40% greater than in the interval before disturbance. The response was considered “over” when the proportion of alert or running caribou returned to with the level observed in the interval before the disturbance ($\pm 5\%$). This variable, called “duration of response”, was assessed for each survey and modelled with a normal distribution.

The three dependent variables were modelled against a suite of potentially important variables to determine if there was any statistical relationship with response behaviour. The variables included in this analysis were group size, distance to road, temperature, wind speed, season and side of the road (upstream/downstream), the roads status (closed or open), and a binary variable identifying whether or

not a disturbance occurred in the survey. Season and side of the road were included as an interaction term, because direction of travel is seasonally dependent. This means that season and side of the road are included in the model together as an interaction *and* individually as fixed effects. The interaction term makes it possible to identify the “upstream” and “downstream” side of the road, based on the season. A random effect was included for survey ID, because the three-minute intervals within each 30-minute survey are interrelated.

Because the proportion of responding caribou in a given interval is potentially linked to the conditions in the intervals before, two additional binary variables were added identifying whether a disturbance occurred in the interval prior, and whether a disturbance occurred two intervals prior. This accommodation for a six minute “lag” was sufficient for the majority of disturbance events, which typically did not result in a response longer than three minutes. Lastly, the survey ID was added as a random effect to account for general behavioural differences between groups of caribou surveyed.

For each dependent variable, GLMMs were constructed and tested for model fit, as evidenced by the Akaike Information Criterion (AIC). AIC is a number that is helpful for comparing models as it includes measures of both how well the model fits the data and how complex the model is (simpler is usually better). The top models were identified as having a low AIC and were within a 2 unit difference in AIC ($\Delta AIC \leq 2$) of the top ranked model (i.e., the model with the lowest AIC; Burnham & Anderson 2004). This is the industry standard for identifying models that are essentially ‘equally good’ at explaining the data. Models with a difference in AIC (ΔAIC) of 2 to 4 from the top model are generally considered to have ‘limited support’.

6. RESULTS AND DISCUSSION

6.1 Caribou Distribution relative to the Project

During spring migration in 2020 and 2021, caribou GPS collar locations were provided to Agnico Eagle. These data indicated when caribou were approaching the Project site. Viewsheds or road surveys were conducted as required by Agnico Eagle environment technicians in order to trigger management actions. These data informed the decision to begin dedicated behaviour surveys for caribou as they approached the site. Through the summer, surveys were conducted opportunistically as caribou were observed. A final set of dedicated surveys was conducted in the fall during peak fall migration.

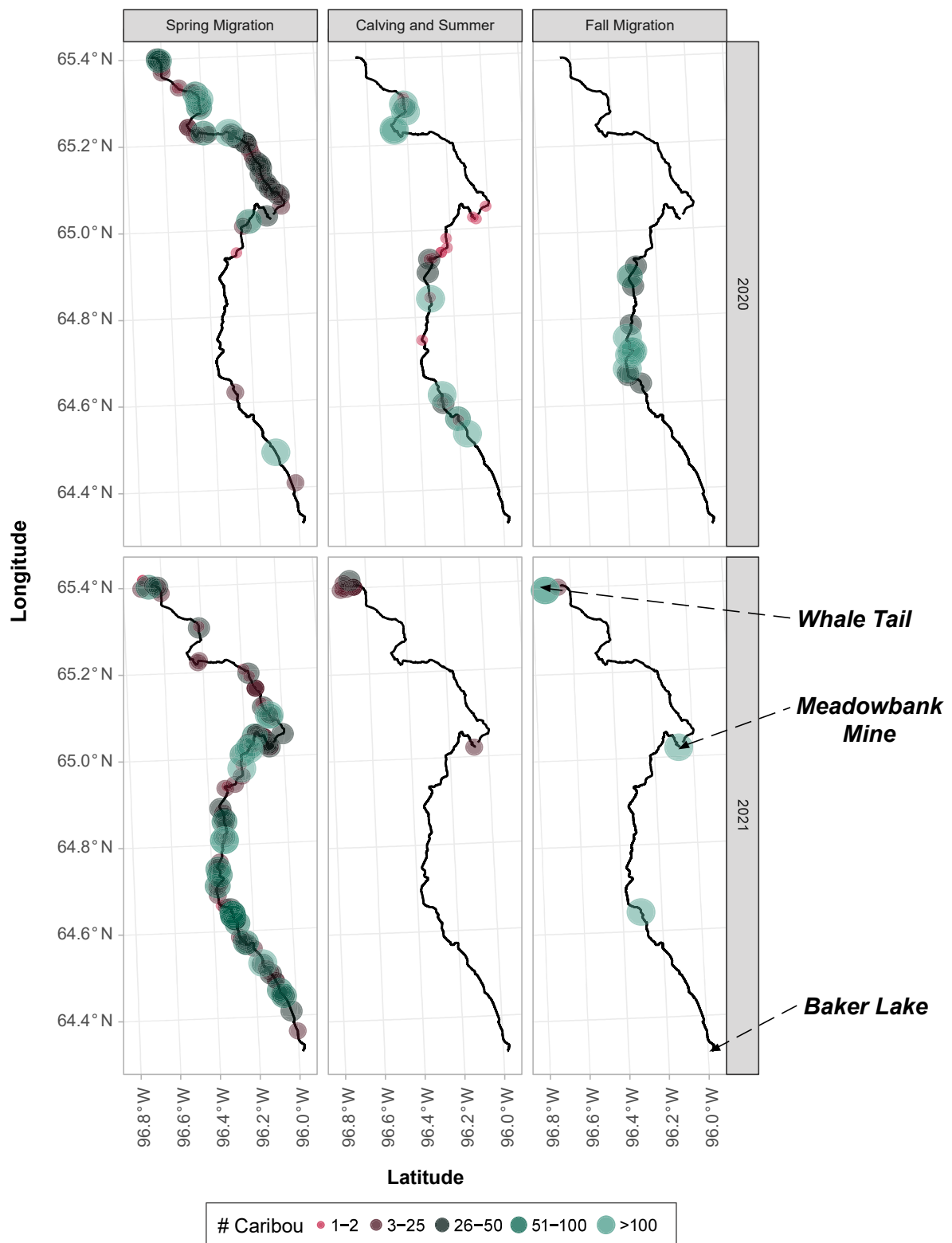
Survey locations by season are presented in Figure 6.1-1. During spring migration (March to May), calving/summer (June to August) and fall migration (September to December), scattered groups of caribou from the Lorillard herd were observed passing through or near the study area, with the highest numbers of caribou observed in May. During spring migration in 2020, the majority of surveys were conducted on the WTHR, as this was where the caribou were observed. In contrast, the 2021 spring season saw more caribou along the AWAR. During summer and during fall migration in 2020, caribou were observed more frequently in the southern portion of the study area along the AWAR, but these trends were not clearly visible in 2021, perhaps due to the smaller sample size.

6.2 Caribou Behaviour Field Surveys

In total, 134 behaviour surveys were conducted in 2021 when groups of caribou were near the Project (Table 6.2-1), including 114 surveys in spring migration, 15 surveys in calving and summer, and five surveys in fall migration. This is compared to the 116 total surveys completed in 2020, including 58 surveys in spring migration, 18 surveys in calving and summer, and 13 surveys in fall migration. However, in 2021 the survey effort was concentrated during spring migration, and fewer surveys were completed in summer and fall compared to 2020. Surveys were conducted opportunistically whenever caribou were encountered during reconnaissance drives, primarily along the AWAR and WTHR.

Overall, the survey methodology worked well for the Project location and circumstances, and the survey results were generally consistent between 2020 and 2021. All reported results use the combined data from 2020 and 2021, unless otherwise stated. General observations on survey methodology and results included:

- Surveys were well distributed across a range of group sizes (Table 6.2-1). Surveyors reported that the addition of a reconnaissance survey and random selection of survey group assisted with a relatively even distribution of survey intensity across group sizes.
- Of the 250 surveys, more than half recorded at least one disturbance during the survey (Table 6.2-1). Most of these disturbances were haul trucks and light trucks travelling between Whale Tail and Meadowbank. On the AWAR, the disturbances were sometimes ATVs travelling north from Baker Lake. Mine traffic was suspended during periods when groups of caribou were near the road.
- In total, 60% of disturbances were from heavy vehicles (including haul trucks, tractor trailers, fuel trucks, and graders), 33% were from light trucks, 5% were from ATVs, and 2% were from helicopters.
- The methodology allowed for the estimation of baseline behaviour, response to disturbance, and return to baseline behaviour. Few, if any, surveys ended before caribou returned to baseline behaviour. Thus, 30 minutes appears to be an appropriate survey length.
- One source of uncertainty was consistently estimating distance. Hence, the average distance of each group of caribou was categorized into blocks of 0-50 m, 50-100 m, etc. Though distance was estimated with a rangefinder in 2021, the data were still binned into distance intervals to allow the two years of data to be analysed together.



Note: Colour and size indicate group size, and the location of the All-Weather Access Road and Haul Road is indicated by the black line.

Figure 6.1-1: Locations of Behaviour Surveys by Season

- The goal of 100 surveys suggested by the GNWT methods was easily achieved at Meadowbank. Between spring migration, summer, and fall migration, caribou may interact with Project infrastructure for long periods across four months. Therefore, 100 surveys is likely an achievable goal for future years of behaviour monitoring at Meadowbank.
- In 2020, only 16% of surveys were conducted on caribou within 300 m from the road at the start of the survey. In 2021, an effort was made to increase the number of surveys on caribou within 300 m of the road, and this resulted in an increase to 43% of surveys.
- Most caribou behaviours were calm, generally foraging, and not moving quickly (non-response). The one exception was smaller groups who moved more than larger groups – more walking and trotting. As a consequence, caribou were observed crossing the road in only 4% of surveys in 2020 and in 4% of surveys in 2021, primarily in small groups of less than 25 individuals. In total, seven crossings occurred during road closures, one during speed restrictions, and three when the road was open.
- During spring migration when caribou move east towards their calving grounds, 79% of caribou were observed on the west (upstream) side of the Project infrastructure (Table 6.2-2). This was consistent across both years of surveying. During summer and fall migration, caribou move west towards their overwintering grounds. In 2020, 68% of caribou were observed on the east (upstream) side of the Project infrastructure, but in 2021, the opposite trend was true (Table 6.2-2). This inconsistency may be a reflection of the smaller sample size in the later seasons in 2021.

Table 6.2-1: Meadowbank Complex Caribou Behaviour Surveys Data Summary, 2020 to 2021

Caribou Group Size	Total Surveys (Both Years)	Total Surveys 2020	Surveys with Disturbances 2020	Surveys with Observed Road Crossings 2020	Total Surveys 2021	Surveys with Disturbances 2021	Surveys with Observed Road Crossings 2021
1-2	51	28	15	1	23	15	0
3-25	98	35	22	1	63	35	2
26-50	49	28	13	2	21	9	0
51-100	26	9	5	0	17	9	0
>100	26	16	13	1	10	6	4
Total	250	116	68	5	134	74	6

Table 6.2-2: Summary of Spatial Distribution of Surveys

Season	Surveys of Caribou on East Side of the Project Infrastructure 2020	Surveys of Caribou on West Side of the Project Infrastructure 2020	Surveys of Caribou on East Side of the Project Infrastructure 2021	Surveys of Caribou on West Side of the Project Infrastructure 2021
Spring Migration	12	46	23	89
Calving/Summer	11	7	3	12
Fall Migration	10	3	1	4
Total	33	56	27	105

Note:

Side of the road data was not recorded in 27 surveys in 2020. It was recorded in all surveys in 2021.

The “upstream” side of the road is based on the dominant direction of travel and is indicated with grey shading.

6.3 Exploratory Analysis Results

The exploratory analysis was conducted to determine if there were any trends or interactions in the following variables: road crossing group size, distance to infrastructure (AWAR, WTHR and mine site), weather and timing, road closure status, side of the road (east or west), number of disturbances, and response time following disturbances. Finally, the results of the nine convoy surveys conducted in 2021 are explored in Section 6.3.8.

6.3.1 Comparing Road Crossings with Group Size and Distance to Infrastructure

6.3.1.1 Road Crossing

Plotting the data did not show a clear relationship between caribou group size and the observation of road crossings. Although in 2020, four of the five observed road crossing events occurred in groups smaller than 25 individuals, the trend was less apparent in 2021 when observations of road crossings included both large and small groups. There was also no clear relationship between caribou distance from road and the observation of road crossings, meaning that caribou located closer to the road were not more likely to cross the road than caribou positioned further away (Figure 6.3-1a).

6.3.1.2 Group Size and Distance to Infrastructure

Plotting the caribou group size against the distance of caribou groups to the road at the start of the survey revealed that small groups (less than 50 individuals) were observed at all distances within the study area (Figure 6.3-1a). Note that distance to the road and distance to the observer/surveyor are considered equivalent in this analysis.

In 2021, particular effort was taken to increase the sample size of caribou (and specifically large groups of caribou) within 300 m of the road at the start of the survey. In spite of this there is still a slight trend for larger groups to be observed further from the road at the start of the survey (Figure 6.3-1b). Only two groups larger than 100 individuals were recorded within 100 m of the road at the start of the survey, both in 2021.

This may be indicative of a trend that caribou tend to avoid areas within 100 to 300 m of the road, or may be a by-product of observability bias, where smaller groups are more difficult to spot at distances greater than 300 m away from the road. Regardless of the mechanism, these trends highlight a potential source of error and were considered in the statistical analyses so that the results were not biased (see Section 6.4.1).

6.3.2 Comparing Behaviour Type with Group Size and Distance to Infrastructure

Average proportions of each behaviour type by group size and by distance to road are presented in Figure 6.3-2. When analyzed by group size, the results suggest that the average proportion of the response behaviours of “Alert” and “Trotting” remain stable as group size increases. The largest proportion of alert or trotting behaviours was observed in groups of one to two individuals. No group size had more than 10% alert or trotting, when averaged across observations with and without disturbances (Figure 6.3-2a).

When analyzed by distance to road, the results suggest that the proportion of response behaviours is relatively stable for groups within 1,000 m of the road and lower in groups further than 1,000 m from the road, but the difference is very small – at most one or two percent lower (Figure 6.3-2b). As with group size, no distance category had surveys with more than 10% of caribou with alert or trotting behaviour.

Overall, no clear differences in behaviour can visually distinguished among group sizes or distances to the road. These relationships are examined in greater detail in the statistical analysis.

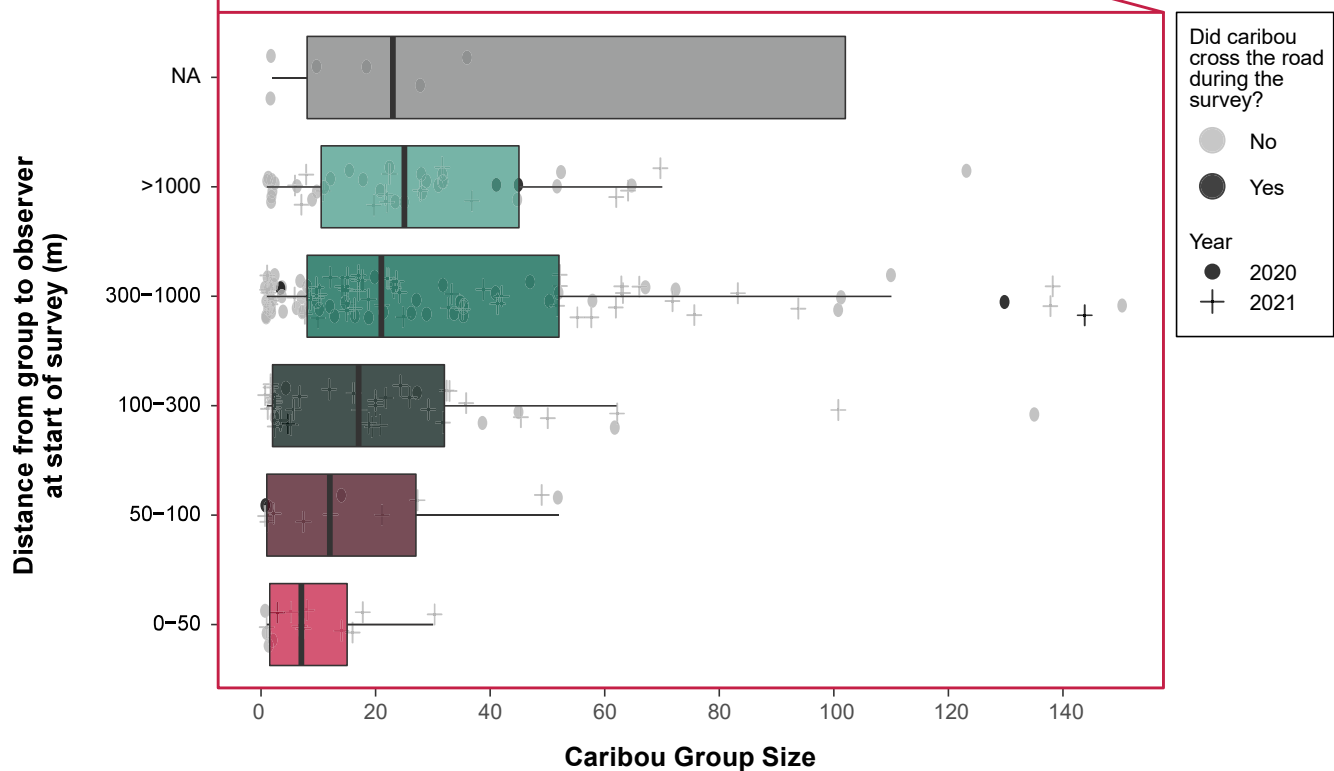
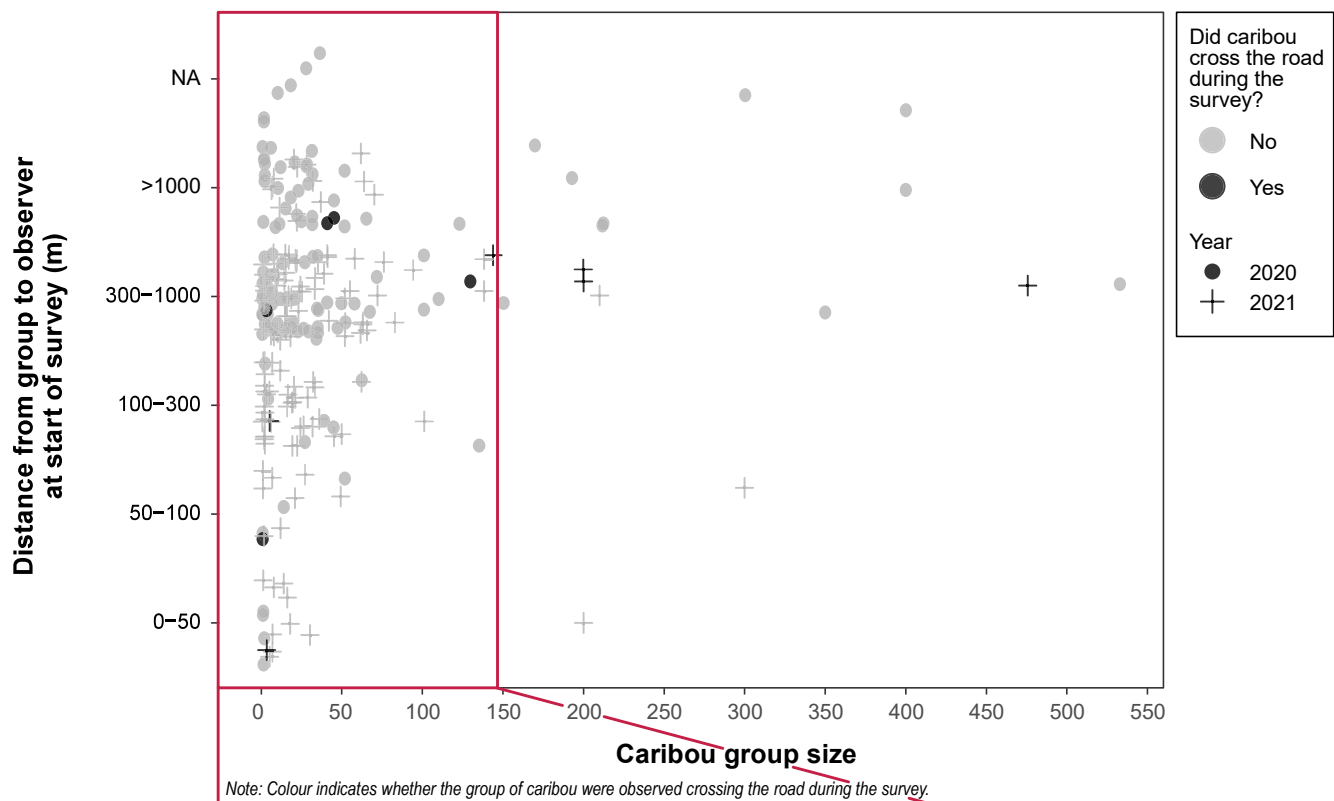


Figure 6.3-1: Caribou Group Size Versus Distance From the Surveyors to the Caribou at the Start of the Survey

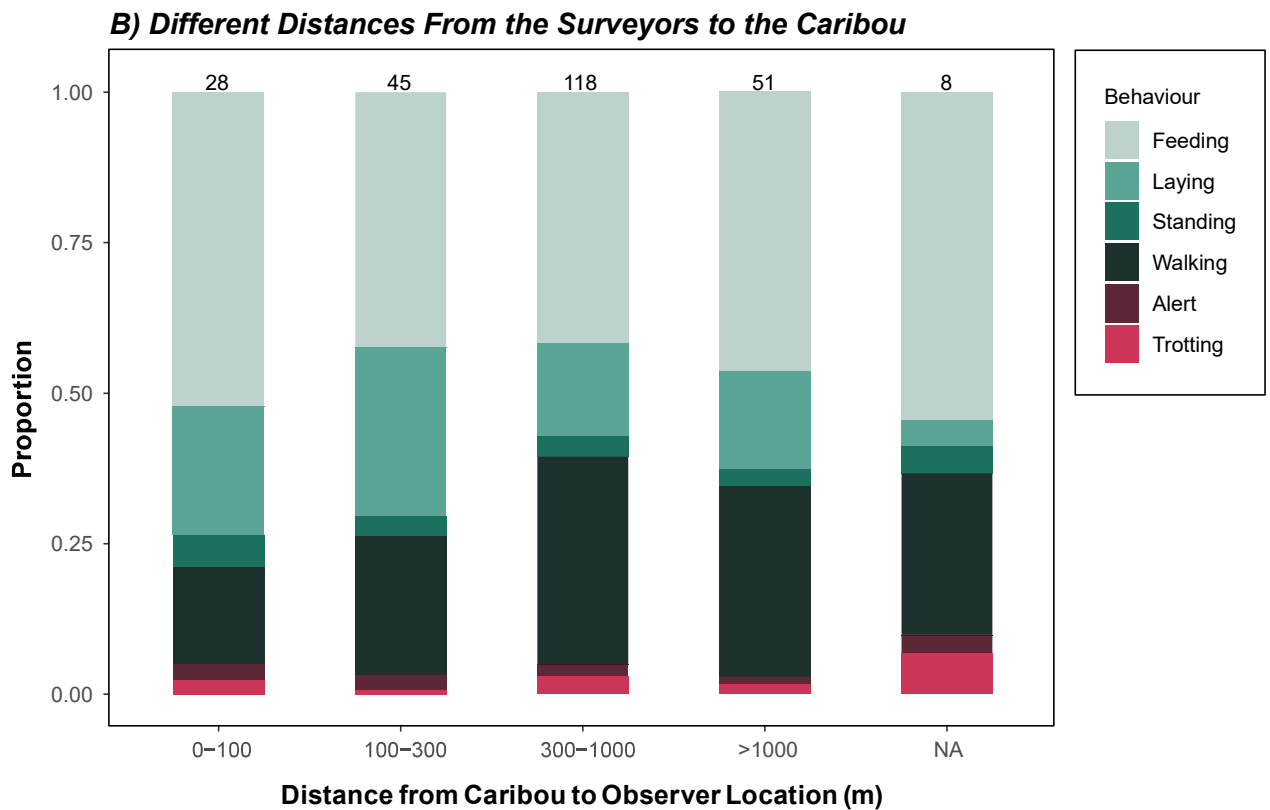
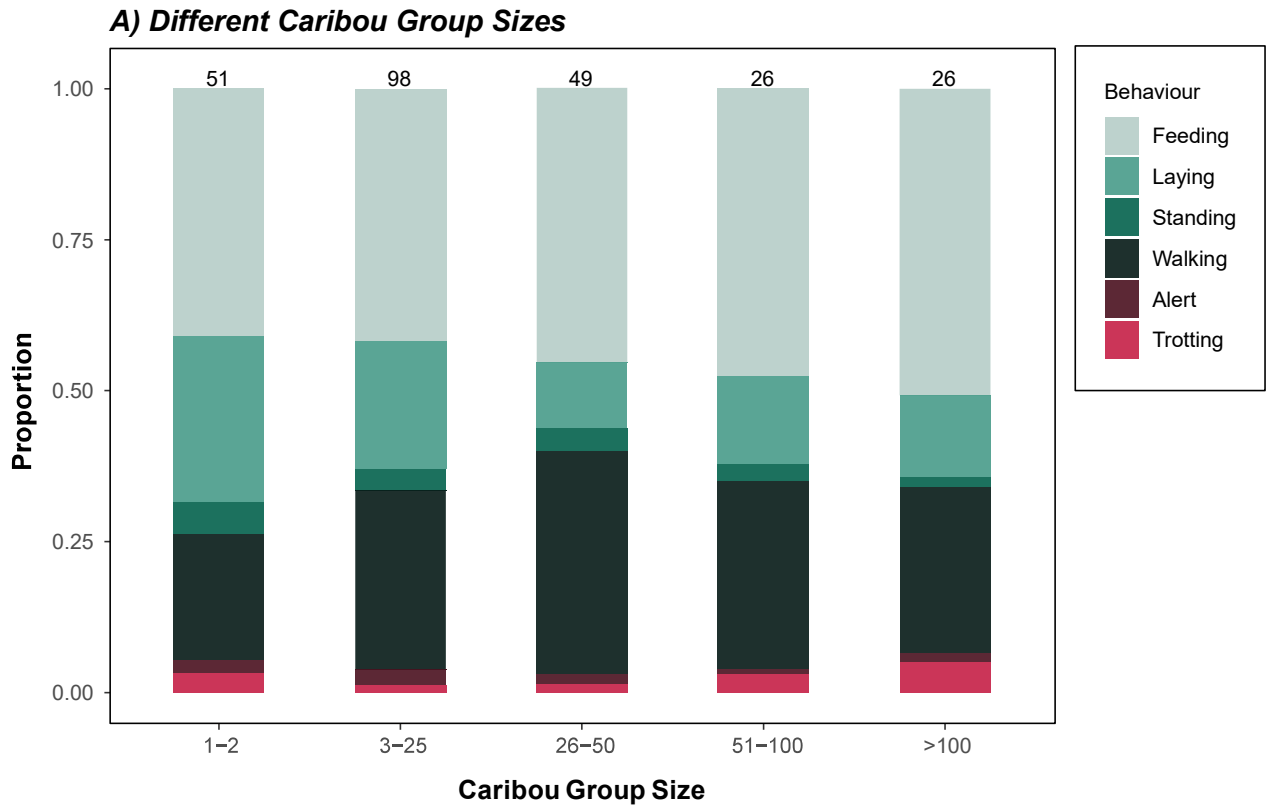


Figure 6.3-2: Average Proportion of Each Behaviour Type Observed Among at the Start of the Survey.

6.3.3 Behaviour Type and Environmental/Temporal Variables

Figure 6.3-3 shows the relationship between 1) the proportion of response behaviours and 2) environmental and temporal variables: temperature, wind speed, and date. This comparison was included to exclude the possibility that environmental factors such as heat or high winds were influencing caribou behaviour during the survey. No trend is visible in the data and trend lines fit to the weather data are nearly flat with wide confidence intervals, suggesting that the weather conditions observed during the surveys do not have a substantial effect on behaviour. It should be noted that surveyors typically did not go out in extreme weather events and therefore variability in weather conditions was low. Date was also not associated with caribou behaviour.

6.3.4 Road Closure Status

An additional comparison was added in 2021 to explore the effect of the road closure status on average caribou behaviour. During caribou active months, the road may be open, closed, or open with speed restrictions. During peak caribou migration the road is closed, with some allowances for essential traffic in convoys.

Surveyors were out collecting data when the road was open and when it was closed, as caribou surveys were considered an essential activity. As a result, there are relatively even numbers of surveys from when the road was open vs. when it was closed (Figure 6.3-4). Although it was expected that the level of response behaviours would be higher on average when the road was open due to an increase in traffic, this difference is not visually apparent. The level of response behaviour (averaged across all observations with and without disturbances) is low (<10%) both when the road is closed and when the road is open.

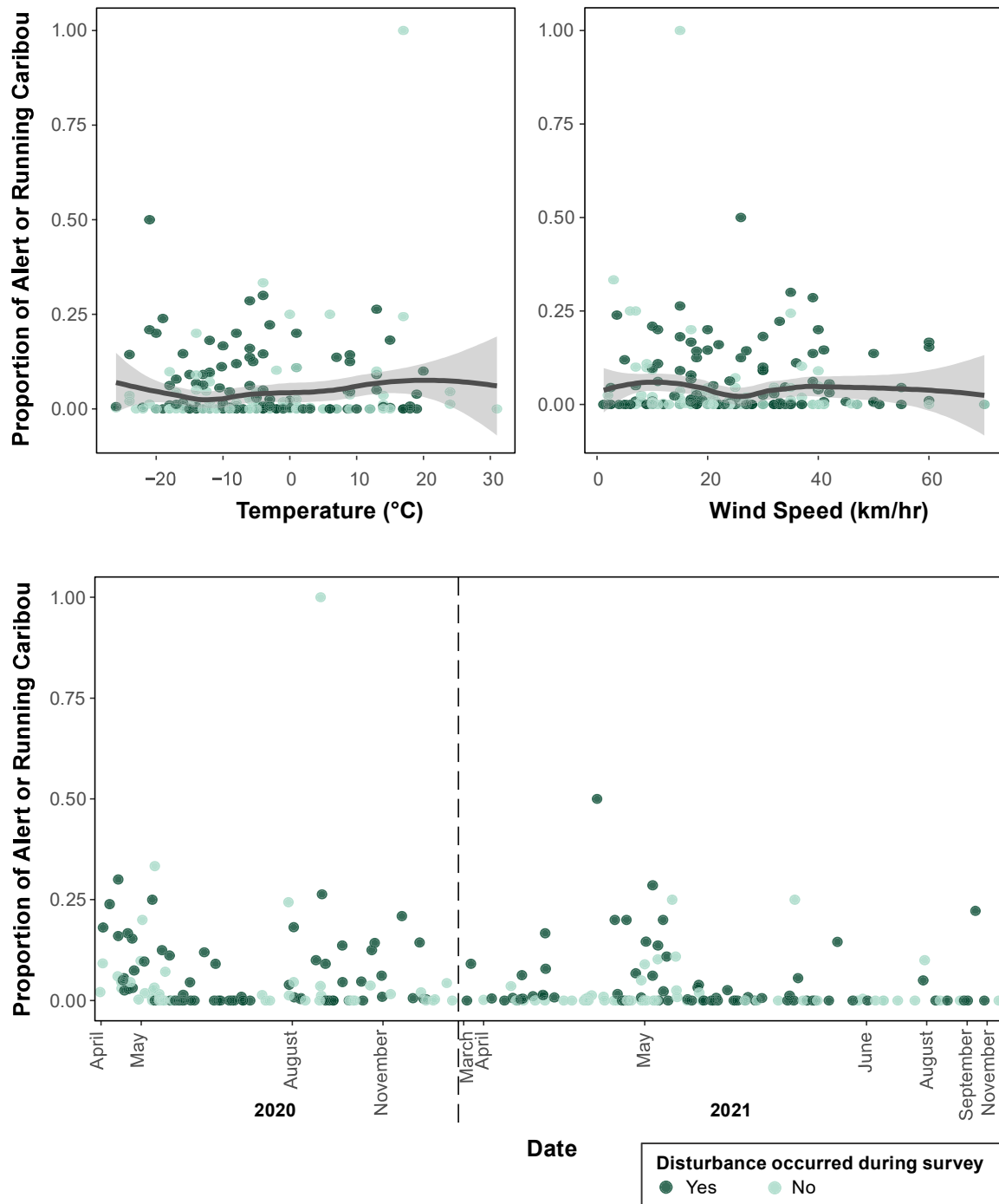
It should be noted that convoy surveys were included in the summary figure, and these always occurred during road closures. However, this accounts for only 8% of surveys during road closures, so cannot entirely explain the differences observed in Figure 6.3-4. This relationship is further explored in the statistical analysis.

6.3.5 Season and Side of the Road (Upstream/Downstream)

The movement pattern for caribou in the Project area is variable based on the season. During spring migration, the dominant direction of travel is west to east, whereas in summer and during fall migration it is east to west. It was hypothesized that behaviour may vary depending on whether the caribou had crossed the road already ("downstream") or whether they were anticipating doing so ("upstream").

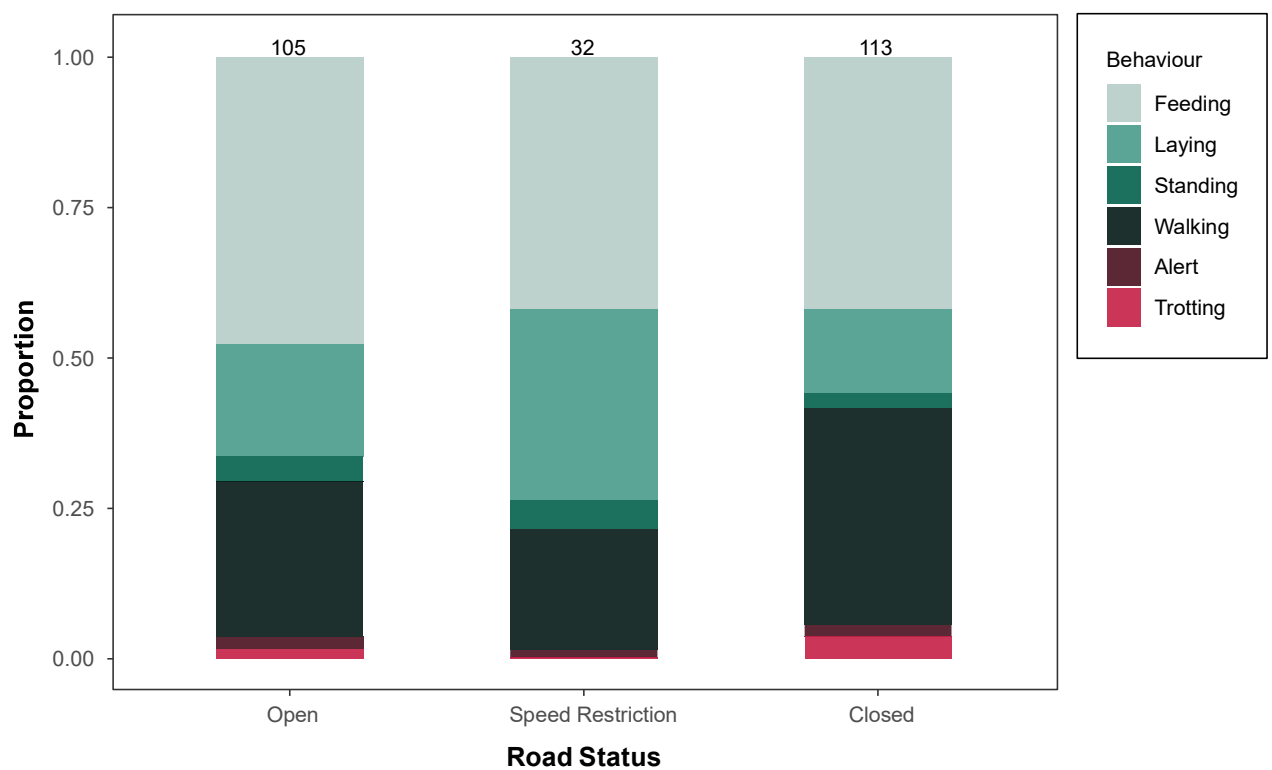
One hypothesis is that caribou are hesitating to cross the road but that once they cross the road, they move away quickly. If this were the case, the prediction would be that groups of caribou would be observed close to the road on the upstream side with fewer groups or groups further away on the downstream side. This predicted distribution was not observed. Instead, groups of caribou were observed near the road on both sides of the road. Figure 6.3-5 compares the distance to the road at the start of the survey with the location relative to the road (east or west). In spring migration, a greater number of surveys were recorded on caribou on the west side of the road, which is upstream for that season. This may be an indication that caribou tend to gather before crossing the road.

While differences in response behaviour (running/alert) do not appear to vary with the side of the road the observations are from, one trend that does stand out is that there appears to be a higher proportion of walking behaviour on the upstream side of the road. This is explored further in the statistical analysis.



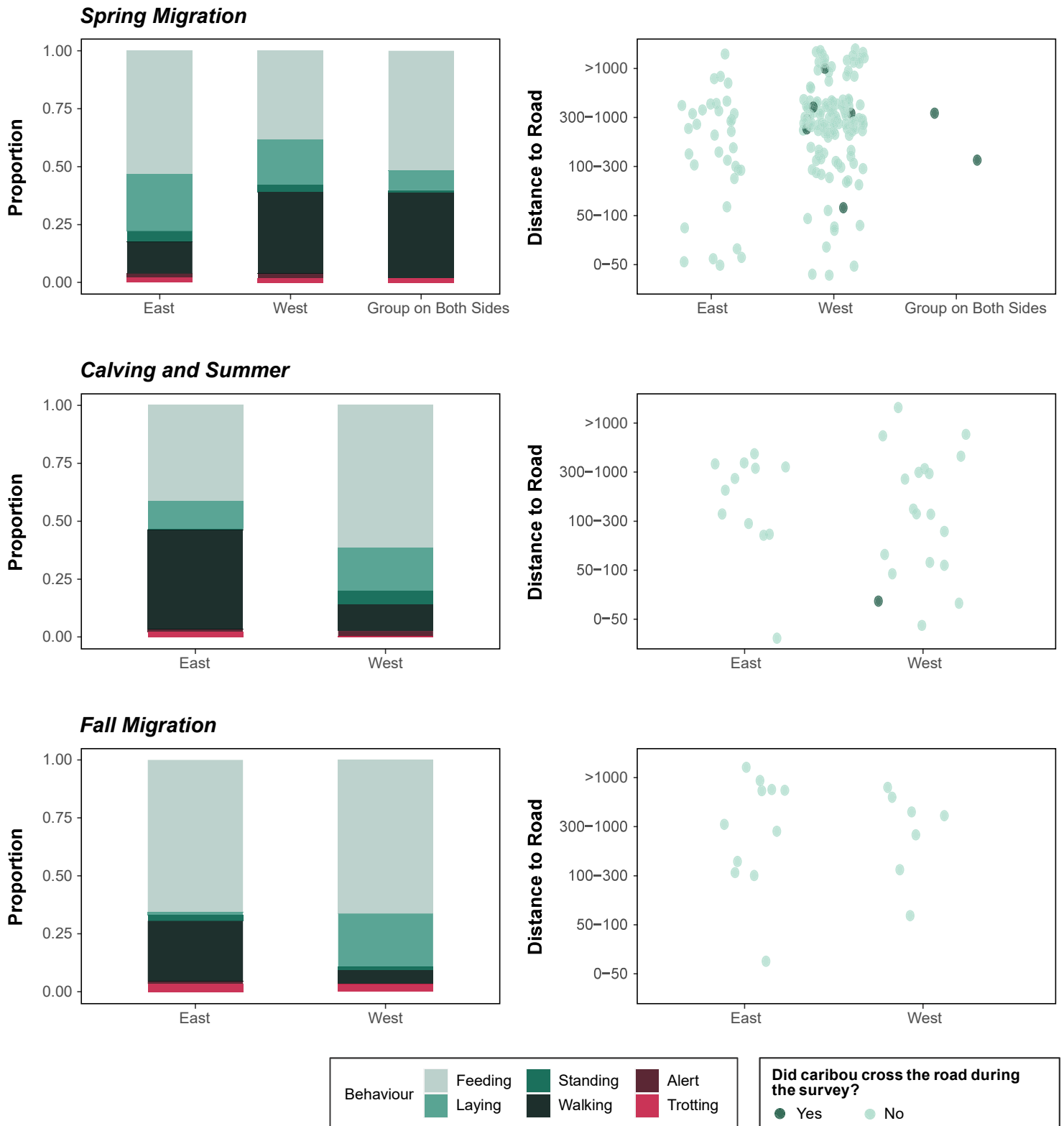
Notes: Colour indicates whether or not a disturbance occurred during the survey.
In the top two panels, an exploratory loess smooth fit is shown in grey with 95% confidence intervals.

Figure 6.3-3: Proportion of Alert or Running Caribou by Temperature, Wind Speed, Date, and Whether or Not a Disturbance Occurred During the Survey



Note: Convoys surveys are included here, and occurred when the road was closed.

Figure 6.3-4: Comparison of Caribou Behaviour By Road Closure Status



Note: Caribou generally travel West to East in Spring and East to West in Summer and Fall

Figure 6.3-5: Comparison of Caribou Behaviour on East and West Side of the Road By Season (Upstream/Downstream)

6.3.6 Number of Disturbances

When duration of response (i.e., time taken for caribou to return to a baseline condition following a disturbance) is compared with the proportion of response behaviours, it appears that surveys with a higher proportion of caribou responding to the disturbance tend to take longer to recover to a baseline condition (Figure 6.3-6 panel a). Interestingly, it appears that surveys with multiple disturbances don't consistently produce a larger response or a longer one. Although the long-lasting full-group responses are in surveys with multiple disturbances, there are surveys with multiple disturbances that don't have large reactions or longer-lasting response durations.

Figure 6.3-6 (panel b) shows a density plot for the proportion of response behaviours in three subsets of surveys; those with no disturbances, those with one disturbance, and those with multiple disturbances. The results suggest a slightly higher proportion of alert or running caribou in surveys when one or more disturbances occurred. Surveys with multiple disturbances do not appear to have a greater overall response than surveys with one disturbance. It should be noted that this figure is an average proportion of response behaviours across the entire 30-minute survey, so in some instances the proportion of response behaviours may have been obscured by the large number of intervals with no response behaviour.

6.3.7 Response to Disturbances

Summarizing data over the entire 30-minute survey is useful for broad comparisons, but has the disadvantage that response behaviour can be washed out in a relatively uneventful survey. To examine the response to disturbances within a survey, the proportion of response behaviours was plotted by three-minute interval for each survey, as shown for a subset of surveys in Figure 6.3-7. See Appendix C for plots of all surveys. In Figure 6.3-7, the response behaviours of "alert" and "trotting or running" are combined to create the total proportion of responding caribou in any given time interval, and plotted over time within the 30-minute survey. Disturbances are denoted with a vertical bar. A spike in response behaviours in the interval during a disturbance or immediately following a disturbance suggests that the caribou are responding to the disturbance.

The results show that in the absence of disturbances, an average of 0-10% of caribou typically exhibit response behaviours at any given time. Figure 6.3-7 and Appendix C suggest that following many of the disturbance events, there was commonly a spike in the proportion of response behaviours to 60-90% of caribou in the group. Following a disturbance event, there was commonly a spike in the proportion of caribou with response behaviours increasing from 0-10% up to 60-90% of the group. The proportion of caribou with response behaviours returned to a pre-disturbance levels quickly, often within two intervals (6 minutes). For example, when a truck passed, most caribou would look up (which is classified as a response behaviour) and then return to feeding or laying down (a pre-disturbance behaviour).

There was some variability in the proportion of response behaviours. During some surveys, there was a spike in response behaviours when no vehicle or other obvious disturbance was observed. Or, as in the case of survey #1, background levels of response behaviours are high leading up to a disturbance. In the future, these surveys should be flagged for a manual assessment of response duration. In some surveys a vehicle passed by (a disturbance), but there was no increase in response behaviours observed in the caribou group on the subsequent time period.

6.3.8 Convoy Surveys

The results of the nine 90-minute convoy surveys are shown in Figure 6.3-8. Surveyors were not always able to keep track of a group of caribou for the entire 90 minute duration, so the start and end time of the survey is denoted by vertical grey bars. The time interval in which the convoy passed closest to the caribou group is denoted by a vertical red bar. Missing data within the survey indicates that the caribou were out of sight for those time intervals.

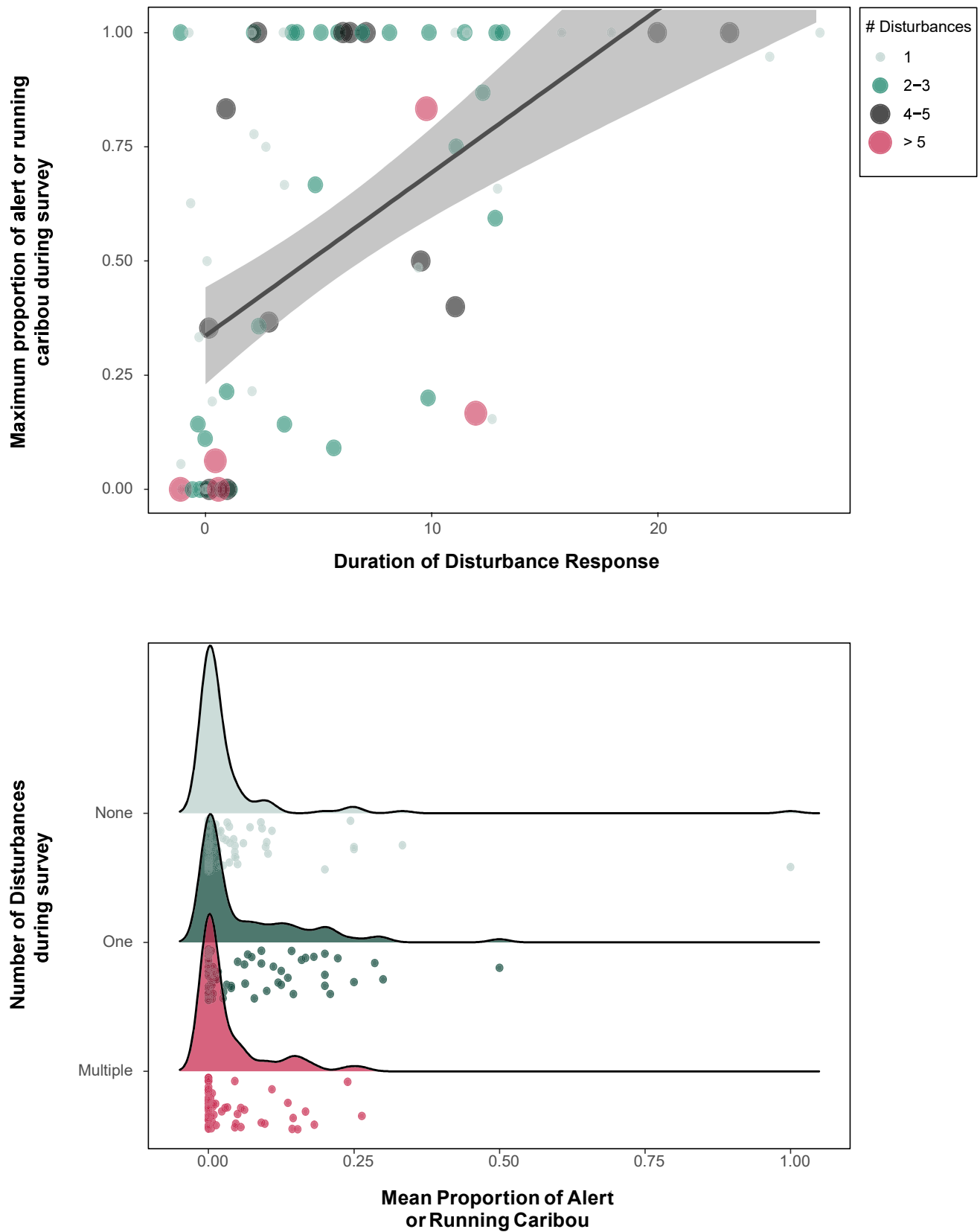


Figure 6.3-6: Comparison of Response Behaviours by Number of Disturbances

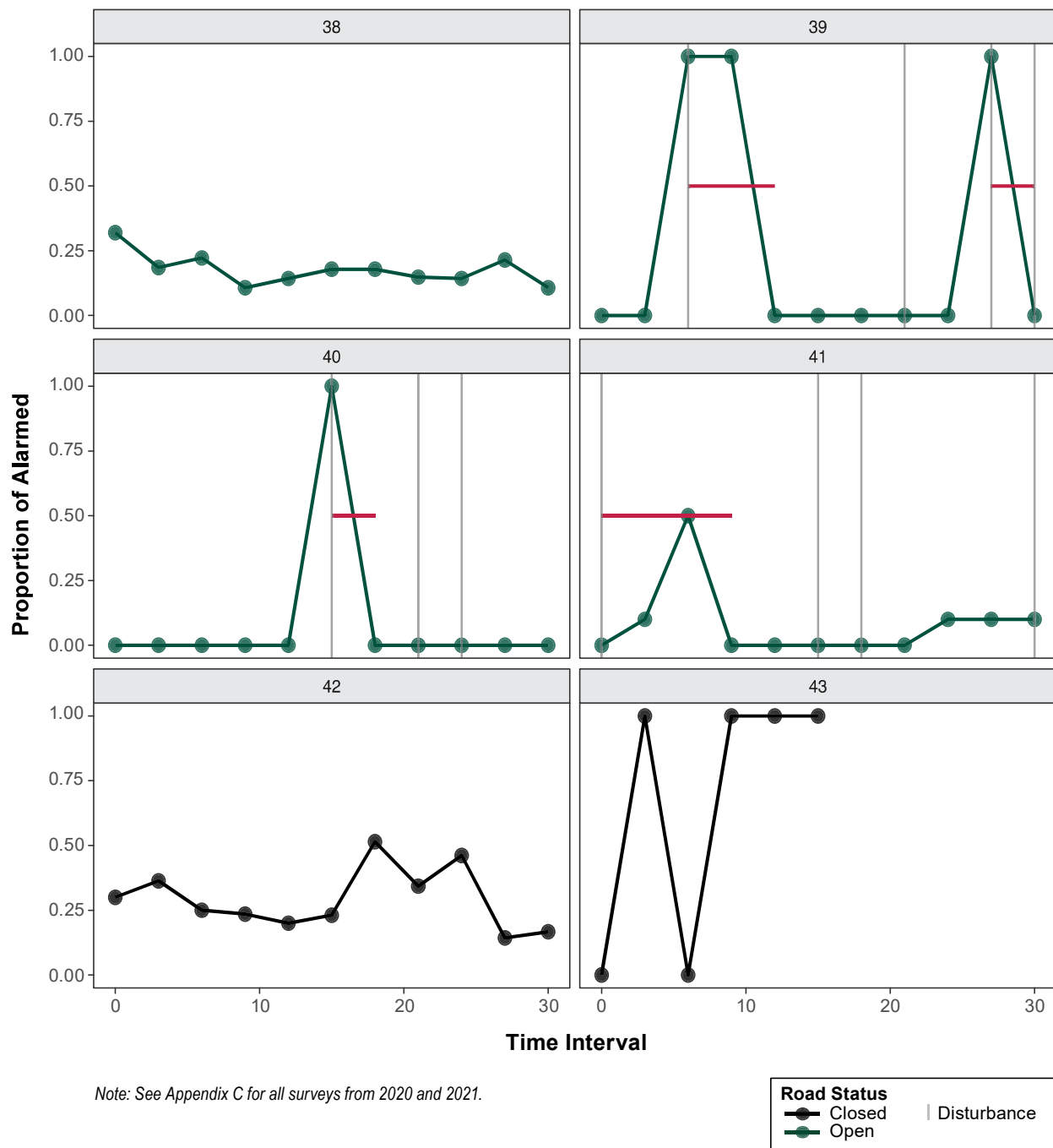
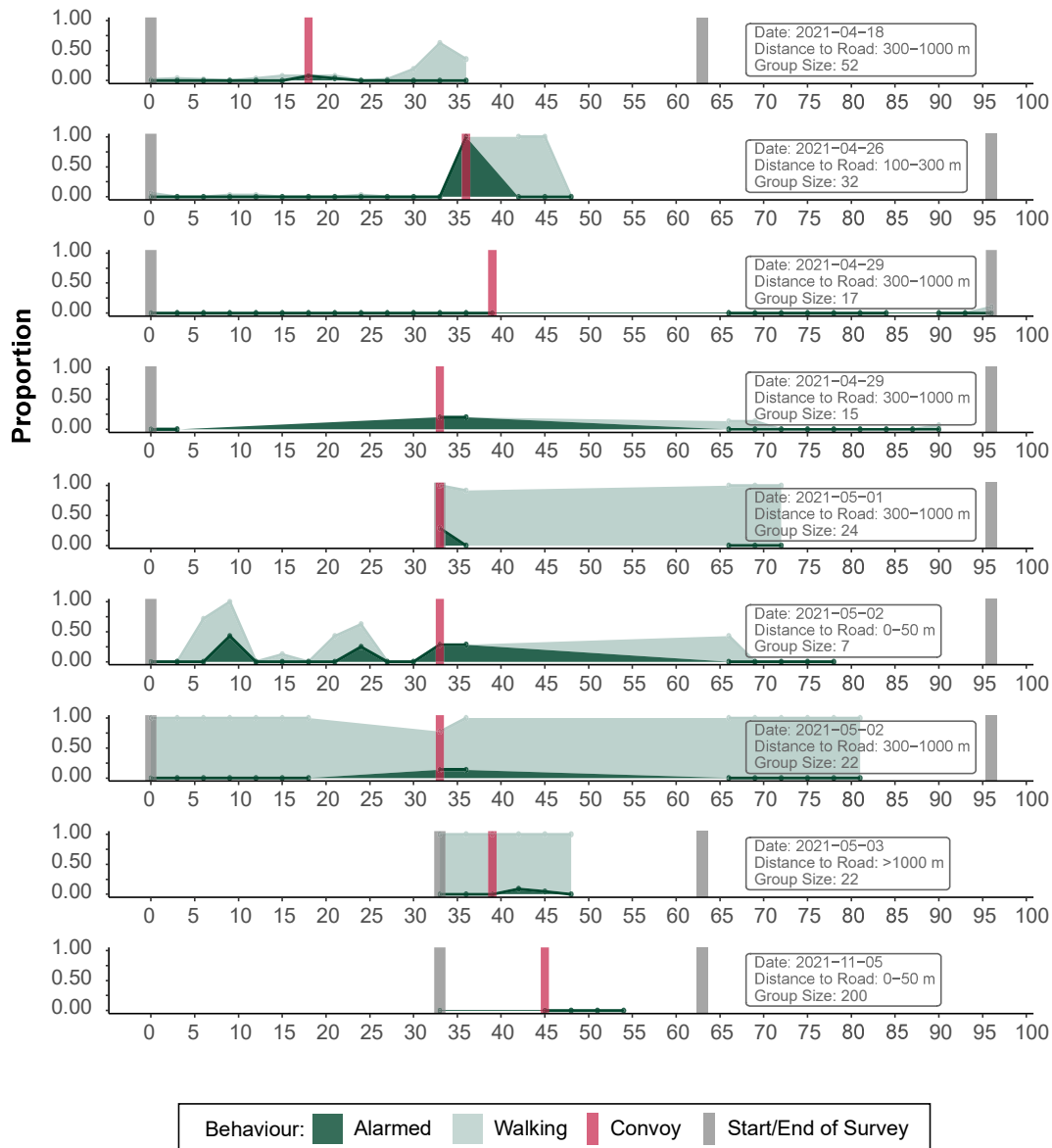


Figure 6.3-7: Proportion of Alert or Running Caribou During Each Survey - Example Subset



Time intervals without data indicate that the caribou group was out of sight from the surveyors.

Figure 6.3-8: Proportion of Alert, Running and Walking Caribou During 90-Minute Convoy Surveys

The results indicate that the passing convoy typically resulted in a spike of response behaviours, consistent with the results seen for other vehicle types (see Figure 6.3-7). The proportion of responding caribou appeared to return to a baseline amount within 15 minutes, but the result was variable. This may indicate a slightly longer duration of response than with other vehicle types, but more surveys would be required to form a conclusion.

To explore the possibility that walking is a response behaviour, the proportion of walking behaviours is plotted in addition to the original response behaviours. The proportion of walking caribou appeared to increase following the convoy in some cases, but in cases where the caribou were walking before the disturbance occurred, the proportion of walking caribou *decreased* following the convoy. This may indicate that walking is more variable as a response behaviour than alert or trotting behaviour.

6.4 Statistical Analysis Results

6.4.1 Model Formulation

As distance to road and caribou group size were identified as being potentially correlated during the exploratory analysis, a Chi-square test was conducted between the two variables to determine if they were too closely related to be included in a model together. A Chi-square (χ^2) statistic is a test that measures how a model compares to actual observed data, and can be used to test for the correlation between two categorical variables. The resulting Chi-square statistic was not significant ($p=0.237$), indicating that group size was not statistically associated with distance from the road. As a result it was determined to be acceptable to model both variables together.

Initial model results suggested that group size was not a good predictor for response behaviour, regardless of how models were parameterized. In addition, a potential issue was identified that smaller groups of caribou would naturally have greater variability in values, and this could bias the results. For example, a group of two caribou is far more likely to have 100% of caribou responding to a disturbance than a group of 50 caribou. As a result, it was deemed necessary to include group size in models as an “offset”, which is a statistical term for a variable that is used to denote the exposure period. It is typically used for situations where some surveys are longer than others, but in this case can be applied to the problem of unequal sample size. All final models presented here use an offset for group size.

All models included survey ID as a random effect because the time intervals within each survey are not independent from each other. The final models had many parameters and with the addition of the random effect it was difficult to attain model convergence. As a result, model variables that had little or no explanatory power and were not variables of interest (such as wind speed) were dropped from the final model sets. An optimizer was also added to the model to run many iterations of the model, increasing the likelihood of convergence.

Three response (dependent) variables were tested in three separate model sets: proportion of response behaviour (alert or running), proportion of walking behaviour, and duration of response following a disturbance.

The estimates and significance levels for the best-fitting model that used response behaviour as the dependent variable are presented in Table 6.4-1, for the best-fitting model that used walking behaviour as the dependent variable in Table 6.4-2, and for the best-fitting model that used duration of response as the response variable in Table 6.4-3.

Table 6.4-1: Summary of Model Coefficients and Significance Levels for Response Behaviour Model

Variable	Estimate	Standard Error	P-value	Significant
(Intercept)	-9.25	0.93	0.000	***
Distance from caribou to observer location (300-1000 m)	0.38	0.86	0.656	
Distance from caribou to observer location (100-300 m)	-0.86	1.39	0.538	
Distance from caribou to observer location (50-100 m)	2.85	1.18	0.016	*
Distance from caribou to observer location (0-50 m)	1.60	1.25	0.200	
Disturbance during interval (Yes)	1.83	0.53	0.001	***
Disturbance one interval prior (Yes)	0.90	0.59	0.127	
Disturbance two intervals prior (Yes)	-0.80	0.93	0.390	
Temperature (°C)	0.59	0.30	0.054	.
Road Status (Closed)	0.05	0.64	0.944	

Note: Statistically significant p-values <0.05 are indicated with a single asterisk. Highly significant values ($p < 0.001$) are indicated with three asterisks. Near significant values ($0.09 > p > 0.05$) are indicated with a dot.

Table 6.4-2: Summary of Model Coefficients and Significance Levels for Walking Model

Variable	Estimate	Standard Error	P-value	Significant
(Intercept)	-3.76	1.00	0.000	***
Distance from caribou to observer location (300-1000 m)	-0.32	0.66	0.623	
Distance from caribou to observer location (100-300 m)	-1.54	0.84	0.067	.
Distance from caribou to observer location (50-100 m)	-0.36	1.14	0.755	
Distance from caribou to observer location (0-50 m)	-1.87	1.14	0.102	
Disturbance during interval (Yes)	-0.37	0.34	0.275	
Disturbance one interval prior (Yes)	-0.03	0.33	0.934	
Disturbance two intervals prior (Yes)	0.13	0.33	0.702	
Temperature (°C)	0.85	0.39	0.029	*
Road Status (Closed)	-0.96	0.50	0.058	.
Season (Calving and Summer)	0.91	1.40	0.516	
Season (Fall Migration)	-1.36	1.34	0.313	
Side of Road (West)	0.39	0.80	0.623	
Interaction (Calving and Summer * West)	-1.98	1.53	0.195	
Interaction (Fall Migration * West)	-4.86	2.24	0.031	*

Note: Statistically significant p-values <0.05 are indicated with a single asterisk. Highly significant values ($p < 0.001$) are indicated with three asterisks. Near significant values ($0.09 > p > 0.05$) are indicated with a dot.

Table 6.4-3: Summary of Model Coefficients and Significance Levels for Duration of Response Model

Variable	Estimate	Standard Error	P-value	Significant
(Intercept)	4.41	3.01	0.148	
Distance from caribou to observer location (300-1000 m)	2.93	5.22	0.576	
Distance from caribou to observer location (100-300 m)	2.19	2.71	0.423	
Distance from caribou to observer location (50-100 m)	3.34	2.37	0.163	
Distance from caribou to observer location (0-50 m)	3.12	2.66	0.244	
Caribou group size	0.03	0.02	0.096	.
Temperature (°C)	0.10	0.12	0.392	
Road Status (Closed)	-0.03	0.05	0.549	.
Season (Calving and Summer)	-3.08	1.68	0.072	
Season (Fall Migration)	0.83	4.59	0.857	
Side of Road (West)	-1.10	3.93	0.780	
Interaction (Calving and Summer * West)	1.46	1.81	0.425	
Interaction (Fall Migration * West)	-0.93	5.07	0.855	

Note: Statistically significant p-values <0.05 are indicated with a single asterisk. Highly significant values ($p < 0.001$) are indicated with three asterisks. Near significant values ($0.09 > p > 0.05$) are indicated with a dot.

The statistics presented include the variable estimate, which can be interpreted as the expected effect on the dependent variable as the independent variable increases. For example, in Table 6.4-1 the positive estimate for temperature suggests that as the temperature increases, the proportion of caribou with response behaviours also increases. However, estimates should always be considered in tandem with the standard error; if the standard error is larger than the estimate, the estimate is meaningless.

The p-value statistic indicates whether the model is a “statistically significant” predictor of the dependent variable, regardless of how large the estimate is. A p-value of less than 0.05 suggests that the variable is an important determinant of the response, as it indicates there was less than 5% probability that the results occurred by chance. A statistically significant result provides support for an underlying effect, but should never be taken without a grain of salt, as some effects can obscure others. To minimize the risk, variables are tested for correlation, but there are always limits when a system is complex. For example, warmer temperatures are observed at the end of spring migration, which is also when convoys are occurring, which may explain the higher proportion of response behaviours in warmer temperatures.

6.4.2 Effect of Distance to Infrastructure

The results suggest that there is a differential effect of distance to the road on response behaviour, as caribou were less likely to be exhibiting response behaviours further from the road (Table 6.4-1). The effect was only significant for caribou within 50-100 m (estimate: 2.85 ± 1.18 , p-value = 0.016), meaning caribou within 100 m of the road are significantly more likely to exhibit response behaviours than caribou more than 1,000 m away. In the response model, no other distance categories were significantly different from the base category of >1,000 m from the road. The effect of distance was not significant for any distance category in the walking model or duration of response model (Tables 6.4-2 and 6.4-3), which suggests that a link between distance to road and response could not be detected in these models. For the duration of response model this may be explained by the smaller sample size.

6.4.3 Effect of Disturbances

The occurrence of disturbances resulted in a statistically significant increase in the proportion of response behaviour (Table 6.4-1; estimate: 1.83 ± 0.53 , p-value = 0.001), but was not important for the proportion of walking behaviour (Table 6.4-2). This may be because the amount of variability in caribou walking is much higher than caribou alert or running. Caribou are more likely to be walking as both a baseline behaviour and a response behaviour, and therefore the effect of disturbances is more difficult to detect in the modelling process. Of note is that the occurrence of disturbances in the interval before and two intervals before was never a significant predictor of behaviour, regardless of model set and how models were parameterized. This may indicate that disturbances tend to only affect behaviour in the 3-minute interval during which they occurred.

6.4.4 Effect of Road Closure Status

Interestingly, road closure status was not a significantly important predictor of behaviour (Tables 6.4-1 to 6.4-3). The models suggest that caribou respond similarly to disturbances regardless of whether the road is open or closed (See Figure 4.3-4). The average proportion of response behaviours was 5% when the road was open and 6% when the road was closed. This may be because the analysis included convoy surveys, which occurred during road closures and had the potential to bias the results. There are typically fewer disturbances during road closures. It may also be simply because the other variables in the model are better at explaining the variation observed in the data.

6.4.5 Effect of Season and Side of the Road (Upstream/Downstream)

Season and side of the road were not significant in the response behaviour model or the duration of response models, but they were important predictors of walking behaviour (Table 6.4-2). Model results indicate that caribou are walking less on the west side of the road in fall migration than in spring migration (estimate: -4.86 ± 2.24 , p-value = 0.03). Since west is upstream of the typical direction of movement in spring, and downstream in fall, another way to interpret this result is that caribou tend to be walking more on the upstream side of the road. In this study, similar numbers of surveys were conducted on the upstream and downstream sides of the road (See Table 6.2-2).

However, an analysis conducted by the GN on the 2019 road survey data from AEM found that most observations of caribou groups were made on the upstream side of the road (GN, Feb 2021 presentation to the TAG). In that presentation, the GN hypothesized that caribou are walking alongside and parallel to the road on the upstream side before crossing, which would be consistent with caribou hesitating to cross the road. More surveys in fall would allow for greater confidence in these results.

6.4.6 Statistical Analysis Summary

The results of the statistical analysis provided support for the key hypothesis that caribou tend to respond to disturbances, particularly when they are close to the road. However, the analysis also found that disturbances did not have a detectable effect on caribou behaviour after three to six minutes. An interesting finding from this analysis included that behaviour was not significantly different when the road was open vs. when it was closed.

The proportion of caribou walking was not linked to disturbances, which suggests that walking is not a consistent response behaviour. However, caribou were significantly more likely to be walking on the upstream side of the road. The results suggest that walking behaviour should not be excluded from analyses. The inclusion of a separate model set for walking behaviour allows for the detection of trends that are not apparent with the alert/running behaviour models.

These results should be treated with caution due to the high number of variables and the variability in the behaviours observed. Nevertheless, these results are consistent with other surveys recorded on barren-ground caribou during the post-calving and early summer periods, which suggest that caribou behavioural responses to all-season haul roads tend to taper off beyond approximately 500 m (Curatolo et al. 1987; Johnson and Lawhead 1989; Dyer et al. 2001). However, zone of influence estimates are highly variable in the literature and this method of data collection is not designed to estimate it, particularly given the observability bias noted in Section 6.3-1. In addition, responses to roads and infrastructure have previously been linked to increased harvest from roadways (Plante et al. 2018; Russell and Gunn 2019), a factor which was not included in this analysis.

7. SUMMARY

The behaviour monitoring data from 2021 were combined with data from 2020, and all results outlined in this report use both years, unless otherwise stated. The program and combined data resulted in several key findings:

- The standard monitoring protocols adapted from the GNWT ENR worked well at the Project site.
- 134 surveys were conducted, compared to 116 in 2020. 114 surveys occurred during spring migration from March to May, 15 occurred during calving and summer from June to August, and five occurred during fall migration from September to December.
- Caribou mostly exhibited the non-response behaviours of standing, laying, feeding, and walking.
- Observations were well distributed across a range of caribou group sizes from one to two individuals to >1,000.
- Larger groups of caribou tended to be recorded further from the road. Only two groups larger than 100 individuals were recorded within 100 m of the road at the start of the survey, both in 2021.
- Caribou group size was not statistically related to response or walking behaviour.
- Statistical analysis indicated that there is a trend for caribou at greater distance from the road (>1,000 m) to have a lower proportion of response behaviours (alert and running) than caribou within 100 m of the road.
- Approximately 70% of the surveys included a disturbance event; typically, haul traffic and light trucks from the mine, and occasionally all-terrain vehicles (ATVs) on the AWAR for travel and harvesting.
- Following a disturbance event, the proportion of response behaviours in a group of caribou was significantly higher, but generally returned to baseline behaviours within one or two sampling intervals (i.e., three or six minutes). Disturbances did not statistically affect the proportion of caribou walking.
- Surveyors conducted special 90-minute surveys during convoys to assess whether the response to convoys was similar to that of other vehicles. Caribou responded similarly to convoys but possibly for longer than for other vehicles. More convoy surveys are needed to analyse the data statistically.
- During periods when large groups of caribou are present, the AWAR and Haul Roads are closed following a decision tree in the Meadowbank Mine Terrestrial Ecosystem Management Plan (TEMP), reducing the potential to record interactions between vehicles and caribou. Road closure status did not affect behaviour in the statistical analysis, possibly due to it having less explanatory power than the other variables included.
- Groups of caribou on both the upstream and downstream sides of the road, but were more commonly observed on the upstream side during spring migration. Statistical analysis found that side of road and season did not affect response behaviour (alert/running), but that caribou were significantly more likely to be walking on the upstream side of the road.
- The updates applied to the survey protocol in 2021 followed comments from the TAG on the first year of data, and were helpful in improving the overall quality and accuracy of the data.

In conclusion, even with some changes to the protocol between 2020 and 2021, the trends in the results were highly consistent between the two years of data. This increases the confidence that trends are repeatable year to year. Overall, the results of the statistical analysis provided support for the key hypothesis that caribou tend to respond to disturbances, particularly when they are close to the road. However, the analysis also found that disturbances did not have a detectable effect on caribou behaviour after three to six minutes. Additional data collection in fall and during convoys would bolster the sample size and improve the likelihood of detecting statistically significant effects.

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APPENDIX A DETAILED METHODS FOR CARIBOU BEHAVIOUR SURVEYS



Meadowbank Gold Mine

Caribou Behaviour Monitoring

September 15, 2021

Project No.: 0597635

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APPENDIX A MEADOWBANK GOLD MINE: CARIBOU BEHAVIOUR MONITORING DATA SHEET

1. INTRODUCTION

Agnico Eagle Mines Ltd. (Agnico Eagle) would like to determine whether caribou behaviour changes in response to mine activities. The purpose of caribou behaviour surveys is to provide information to characterize the effects of the physical road and mine-related activities on caribou behaviour, including the All Weather Access Road (AWAR) and Haul Road.

The planned monitoring program is designed to collect data on caribou behaviour using standardized, scientifically-defensible methods. The data will be used to monitor Project effects.

1.1 Objectives

Following discussions with the Kivalliq Inuit Association and Government of Nunavut during the spring of 2021, the objectives of the behaviour monitoring program for caribou have been updated to the following:

- Evaluate the baseline behaviour of caribou (behaviour in the absence of disturbance);
- Evaluate the response of caribou to disturbances;
- Compare the behaviour of caribou between the following categories, if there is sufficient data:
 - 1) in large vs. small groups,
 - 2) near vs. far from the road,
 - 3) when the road is open vs. closed,
 - 4) east vs. west of the road, (upstream and downstream), and
 - 5) spring migration vs. summer and fall periods.

2. STUDY AREA

The study area for behaviour monitoring is anywhere that caribou may interact with the mine, including the All Weather Access Road (AWAR), the Meadowbank Mine site, Whale Tail site and the Haul Road connecting Meadowbank to Whale Tail.

3. STANDARD OPERATING PROCEDURES

The purpose of caribou behaviour surveys is to provide information to characterize the effects of the physical road and mine-related activities on caribou behaviour, including the All Weather Access Road (AWAR) and Haul Road. The overall method for the surveys is to identify caribou groups visible from the road, to select some groups for observation, and to record the behaviour of individuals in groups of different sizes including their behaviour without any disturbance and responses to both mine-related activities and natural factors.

Notes to guide the work include:

- Systematic surveys will be conducted along all Project roads during spring, summer and fall periods.
- The survey team will consist of a driver/observer and a second observer when available.

Surveys should be performed:

- During spring, summer and fall when caribou may be in the Project area,
- Of caribou at various distances from the road and group sizes, and
- If surveying effects of a convoy, conduct two surveys, one at least an hour before convoy deployment so that a pre-disturbance measurement can be made, and a second survey during the convoy passing by caribou.

3.1 General Field Data

For each survey day, the appropriate general field data will be recorded onto field data sheets supplied in Appendix A and B. A new data sheet will be used for each survey, including additional sheets as necessary to record all observations. General information includes:

- Survey date and start and end times.
- Field personnel (full names on the data sheet header and initials thereafter).
- Weather conditions during and prior to sampling (e.g., snow in the last 24 hours, current wind conditions).
- Site description: provide location and description (GPS coordinates, road name and distance marker).
- Photographs or video (if possible):
 - Take a photo of the caribou every time an observation is recorded so that the observations can be verified by a biologist.
 - For any photographs taken, record the picture IDs in the comments field on the field data sheet.
 - Write descriptions of any photos taken for specific reasons.
- General observations/notes of the environment/sampling procedures.
- Any deviation from the SOPs outlined below.

Note: When in doubt take pictures and make field notes explaining the situation, your response or consequent changes in methods. It is better to have more data/notes than not enough when interpreting the results later on.

3.2 General Equipment List

- A GPS unit with waypoints of road km markings.
- Field data sheets (Appendix A and B), clipboard, pencils, or iPad with data form.
- A timer capable of alarm setting for repeat time intervals (i.e., can be set to go off every three minutes, like a smart phone).
- Binoculars or spotting scope.
- Compass (or use compass function on GPS unit).
- Portable weather station (temperature and wind speed).
- Camera.
- Rangefinder.

3.3 Field Methods

3.3.1 Group Selection

The survey day will begin with a reconnaissance survey to determine how many caribou groups are present near the road, how large they are, and where they are. This will be accomplished by driving from the mine site along the road and noting relevant information about the groups and their sizes along the way (using the standard, tablet-based road survey form). Observers will preferentially choose groups to survey to across group sizes and distances from the road. Ideally, caribou would be sampled in an even distribution across these variables and along the AWAR and Haul Road. However, the nature of caribou and field sampling mean that observers may need to survey what caribou are available, rather than what is “ideal”.

Allow approximately one hour to survey each group. If the length of the survey day permits all groups to be surveyed then they should all be surveyed. If there are more groups to survey than the time in the day, then do the following:

1. Look at how many of each group size (bullet list below) have been surveyed to date. If one of them is under-represented and there is a group of that size on the road, then go survey that group. If there is more than one group of that size, choose it randomly using the procedure in step 4.
 - 1 or 2 caribou
 - 3 to 25 caribou
 - 26 to 50 caribou
 - >50 caribou
2. During 2020, few groups of caribou within 300 m of the road were observed or sampled. Preferentially choose groups of caribou within 300 m of the road, with a soft target of approximately 1/3 of samples in this area.
3. If any Project-tolerant caribou are observed (e.g., caribou observed near the road or mine site for more than 72 hours in summer and 48 hours in other seasons; TEMP 2020), then select these animals for sampling. In Appendix A data sheet, record that the group is Project tolerant in the notes field.
4. If there are multiple groups available, choose groups to fill in an even distribution of group sizes and distances from roads.

Record all caribou groups observed during the reconnaissance survey in the standard, tablet-based survey form and submit that data along with the results of behaviour monitoring.

3.3.2 Selection of an Observation Site

Find a safe parking location and follow site safety protocols. The observation location may be the vehicle itself or a safe location off the road. If observers exit the vehicle, the observation location should be chosen where observer activity is not likely to influence caribou behaviour and where the observer can remain comfortable for a period of approximately 45 minutes without needing to move. Ideally, the vehicle should be stopped a minimum of ~250-300 m from the caribou – adapt this distance as needed. If the animals are staring at the truck or moving away, then the truck is too close.

3.3.3 Data Recording

Allow 15 minutes between arrival and the time at which behavioural observations begin. This is to allow animals to return to behaviour that may have been interrupted by the arrival of observers. In the time before recording behaviour, fill in the top portion of the form with location, weather, and group size information.

After 15 minutes, begin recording data in the form in Appendix A. The start time to record is the time that observations begin.

3.3.3.1 Location

Location: Collect a waypoint of the location from which the observations will be made. Note the waypoint number and the UTM coordinates on the data sheet.

Road Condition: If observing caribou on a road, record whether the AWAR or Haul Road are open or closed.

Distance: Estimate the distance to the group using a laser rangefinder and, using a compass or the GPS unit compass feature, record the bearing (0° to 360°) to the group being observed. If the group of caribou is large and spread over a considerable distance from the road, estimate the distance to nearby caribou and the caribou furthest away that will be sampled. If some caribou in the group are too far away to sample, then do not include them in the distance estimate.

Behaviour: At each time interval during the survey, observers should record the number of individuals in the group exhibiting behaviour in each category. For clarity, observers should record zero values for behaviours not observed.

East vs. West: Note if the group is on the east or west side of the road. At the end of the 30 minute observation period return to the top of the form and record (Y or N) if the group crossed the road during the survey period. If monitoring at the mine site or Whale Tail, leave this section blank.

Sex: Note the sex of the group. This can be difficult in large groups, so record in the following categories: mostly males, mostly females, mostly females with calves, juveniles, or mixed group.

3.3.3.2 Weather Conditions

Use the portable weather station to record:

- Air temperature;
- Wind speed;
- Wind direction;
- Precipitation; and
- Humidity (if the weather station has this function).

3.3.3.3 Road Structure

At the location of the caribou group, record the road characteristics:

- Height of the road above the tundra (m);
- Slope of the road side (with of the slope in m);
- Approximate height of snow bank (m); and
- Any structures, such as bridges, present.

3.3.3.4 Caribou Behaviour

Individuals in the group being observed will be categorized when the survey starts and at three minute intervals. Standardized behaviour categories will be used (Section 3.3.4). The standardization of behaviour is necessary for clarity and data analysis. If the observed behaviour does not fit within any of the categories then observers have the option of noting other behaviour in the comments field. However, this should be used only rarely as most behaviour should fit in the primary categories listed below. If noting a new/different behaviour, please take a photo or video of the caribou.

The data to record at each three-minute interval are the numbers of individuals in the group exhibiting each behaviour at that time. Do not attempt to characterize the behaviour that occurred during the interval. If the group is too large to be counted in each interval, choose an identifiable subset of the group, count the individuals exhibiting each behaviour at each time interval, and add a comment that a subset of the group was sampled.

Indicate the total group size at the top of the data form, not the size of the subset whose behaviour was recorded. Count the number of caribou up to 100 animals, and then record group size in categories above 100; 100-200 animals, etc. (see Appendix A).

Practically, the easiest way to do this is to have the observer scan across the group of caribou from Left to Right, calling out the behaviour of each animal, while the recorder adds tick marks to the data sheet. When complete, count up the tick marks.

3.3.3.5 Disturbance Events

Caribou behaviour is expected to vary in response to some disturbance events. The bottom of the data form should be used to record any potential disturbance events evident to the observer regardless of whether caribou respond to them. The main categories of events are included in the data sheet:

- Light truck;
- Haul truck;
- Road maintenance vehicle (e.g., grader);
- ATV or skidoo;
- Aircraft; and
- Predator (note species).

Record the number and approximate speed of the vehicle (regular driving speed, or moving slowly, ~10 km/h, past caribou).

Record the time of the disturbance event (0:00 to 30:00 of the survey), indicate which type of disturbance was observed in the appropriate column. Record any additional comments and records of photographs taken in the final column.

Record whether the vehicle stopped when approaching caribou or continued to drive slowly. If possible, coordinate with passing vehicles on the road to have some vehicles stop for 10 minutes, and others drive by slowly.

3.3.4 Behaviour Classification

With the exception of Alert behaviour, the primary behaviour categories and their definitions follow classifications from the Government of Northwest Territories (GNWT 2017). The categories appear as columns on the data form, with descriptions on the form. The behaviour categories are:

- **Feeding** – standing or walking posture, with the muzzle touching or nearly touching the ground; can be ingesting food or not; head down or moving from side to side.
- **Lying down** – bedded on the ground, either upright or lying on its side, in a resting or ruminating position.
- **Standing** – stationary in an upright, standing posture with head elevated above the ground, and usually above the knees; if cow is nursing, if possible record the time spend nursing.
- **Alert** – head up scanning horizon or focused on a source of disturbance (e.g., vehicle, predator, human).
- **Walking** – similar to standing posture but moving at a slow gait (<5 km/h).
- **Trotting/running** – similar to standing posture but moving rapidly in symmetrical or asymmetrical gait.

Other behaviours that may be observed (record in comments field on form) are:

- **Nursing** – calf is suckling cow.
- **Sparring** – two males in contact.
- **Insect response behavior** – twitching, stamping, tossing head.

In the comments, record if any animals are moving towards the road, parallel or away from the road.

4. DATA MANAGEMENT

Please scan all data sheets at the end of the day. Data from behaviour surveys should be entered into Excel. Data from group selection surveys (standard tablet data form) and behaviour surveys should be delivered at the end of each month to ERM for QA/QC.

5. CLOSURE

This SOP has been produced for Agnico Eagle Meadowbank Division by ERM Canada. Please contact the authors with any questions.

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APPENDIX A MEADOWBANK GOLD MINE: CARIBOU BEHAVIOUR MONITORING DATA SHEET

Meadowbank Gold Mine: Caribou Behaviour Monitoring Data Sheet

Date:	Time (24 hr [00:00 to 24:00])		Start:	End:			
Observers:							
Location Waypoint number:	UTM Easting:	UTM Northing:	Road name and distance marker:				
Distance from caribou to observer location (use rangefinder).							
(if group diffuse, estimate average distance)		Bearing:					
Is group location East or West of the Road at start of survey? Circle one: E W Did the group cross the road during the survey? Circle one: Y N							
Caribou group size: Exact count (up to 100): _____ Estimated size for larger groups. Circle one: 101-200 201-500 501-1000 >1000							
Record sex of group (mostly males, females with calves, mostly juveniles, or mixed group):							
Temperature: ____°C Wind speed: ____km/h Wind direction: ____° Humidity: ____% Days since last snow or wind event: _____							
Weather observations:							
Road:	Open?	Closed?	Road Height:	Road Side Width:	Structures/snowbank Present:		
Number of animals exhibiting each behaviour type							
Observation time from start of survey	Feeding	Lying Down	Standing	Walking	Alert	Trotting or running	Comments and photo numbers (Note if any caribou crossed road or travelled along road)
0 minutes							
3 minutes							
6 minutes							
9 minutes							
12 minutes							
15 minutes							
18 minutes							
21 minutes							
24 minutes							
27 minutes							
30 minutes							
Observed disturbance events							
(record time from start of survey and check type of disturbance. Record whether vehicle stopped (s) or drove slowly (d) past caribou)							
Time from start of survey	Light truck	Haul Truck	Road maintenance vehicle (e.g., grader)	ATV	Aircraft	Predator (note species)	Comments and photo numbers. Note other disturbances here

Categories and Definitions of Behaviour¹:

- **Feeding** – standing or walking posture, with the muzzle touching or nearly touching the ground; can be ingesting food or not; head down or moving from side to side.
- **Lying down** – bedded on the ground, either upright or lying on its side, in a resting or ruminating position.
- **Standing** – stationary in an upright, standing posture with head elevated above the ground, and usually above the knees; if cow is nursing, if possible record the time spend nursing.
- **Alert** – head up scanning horizon or focused on a source of disturbance (e.g., vehicle, predator, human).
- **Walking** – similar to standing posture but moving at a slow gait (<5 km/h).
- **Trotting/running** – similar to standing posture but moving rapidly in symmetrical or asymmetrical gait.

Other behaviours that may be observed (record in comments field on form) are:

- **Nursing** – calf is suckling cow.
- **Sparring** – two males in contact.
- **Insect response behavior** – twitching, stamping, tossing head.

¹ Primary source: GNWT-ENR 2017 caribou behaviour monitoring field protocols, courtesy of GNWT Yellowknife, NT.

APPENDIX B DATA FROM CARIBOU BEHAVIOUR SURVEYS

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event	
1	31-Mar-21	9:41	10:11	EF	N/A	-96.064764	65.093211	N/A	N/A	Amaruq KM 119	>1000	N/A	N/A	W	N		50-100	62	N/A	N/A	-18	22	N/A	0
2	6-Apr-21	16:17	16:45	Kathleen, Krista Kenyon	N/A	-96.32148307	64.8467909	N/A	N/A	AWAR KM 72	300-1000	N/A	3	W	N		N/A	16	N/A	N/A	-13	30	N/A	0
3	7-Apr-21	10:13	10:50	Louis Dubois	N/A	-96.17609075	65.02428539	N/A	N/A	AWAR KM 97	300-1000	N/A	90	W	N		50-100	52	N/A	N/A	-17	46	N/A	N/A
4	8-Apr-21	13:46	14:18	Louis Dubois	N/A	-96.11083026	65.04890566	N/A	N/A	AWAR KM 103	0-50	N/A	90	W	N		N/A	18	N/A	N/A	-15	33	N/A	1
5	12-Apr-21	16:29	17:05	Krista Kenyon	N/A	-96.16279707	65.02991386	N/A	N/A	AWAR KM (N/A)	300-1000	N/A	270	E	N		N/A	12	N/A	N/A	N/A	N/A	N/A	N/A
6	13-Apr-21	9:13	9:51	Louis Dubois	N/A	-96.3730869	64.70606	N/A	N/A	AWAR KM 53	300-1000	N/A	90	W	N		50-100	63	N/A	N/A	-26	8	N/A	3
7	13-Apr-21	9:23	9:54	KAK	N/A	-96.312035	64.939602	N/A	N/A	AWAR KM 82	>1000	N/A	270	W	N		N/A	11	N/A	N/A	-24	20	N/A	2
8	13-Apr-21	11:36	12:10	KAK	N/A	-96.3601339	64.731372	N/A	N/A	AWAR KM 57	300-1000	N/A	90	W	N		50-100	72	29	N/A	-19	37	N/A	2
9	13-Apr-21	16:40	17:12	KAK	N/A	-96.261434	64.93886	N/A	N/A	AWAR KM 85	300-1000	N/A	110	W	N		N/A	15	N/A	N/A	N/A	N/A	N/A	N/A
10	14-Apr-21	5:43	7:16	Louis Dubois	N/A	-96.180889	65.018097	N/A	N/A	AWAR KM 96	51-100	N/A	30	W	N		201-500	300	41	N/A	-13	24	N/A	N/A
11	14-Apr-21	6:58	7:33	Louis Dubois	N/A	-96.222082	64.975014	N/A	N/A	AWAR KM 90	300-1000	N/A	45	W	Y		201-500	476	62	N/A	-12	24	N/A	N/A
12	14-Apr-21	11:56	12:31	Louis Dubois	N/A	-96.303521	64.641705	N/A	N/A	AWAR KM 44	300-1000	N/A	80	W	N		50-100	76	N/A	N/A	-9	24	N/A	N/A
13	14-Apr-21	13:40	14:11	Louis Dubois	N/A	-96.323384	64.853863	N/A	N/A	AWAR KM 72	>1000	N/A	90	W	N		50-100	70	N/A	N/A	-1	24	N/A	N/A
14	18-Apr-21	8:34	9:03	KAK	N/A	-96.300696	64.634772	N/A	N/A	AWAR KM 43	300-1000	N/A	90	W	N		50-100	52	N/A	N/A	-18	60	N/A	N/A
15	18-Apr-21	9:04	9:20	KAK	N/A	-96.300696	64.634772	N/A	N/A	AWAR KM 43	300-1000	N/A	90	W	N		50-100	52	N/A	N/A	-18	60	N/A	N/A
16	19-Apr-21	8:00	8:34	Louis Dubois	N/A	-96.37543903	64.70400626	N/A	N/A	AWAR KM 53	100-300	N/A	45	W	N		N/A	6	N/A	N/A	-17	17	N/A	N/A
17	19-Apr-21	8:45	9:17	Louis Dubois	N/A	-96.36293653	64.7110008	N/A	N/A	AWAR KM 52	>1000	N/A	90	W	N		N/A	6	N/A	N/A	-17	17	N/A	N/A
18	19-Apr-21	15:49	16:22	Louis Dubois	N/A	-96.10072181	64.04659942	N/A	N/A	Amaruq KM 103	0-50	N/A	15	E	N		50-100	14	N/A	N/A	-10	17	N/A	N/A
19	19-Apr-21	16:22	16:46	Louis Dubois	N/A	-96.10074353	64.04659449	N/A	N/A	AWAR KM 103	300-1000	N/A	10	W	N		300-1000	14	N/A	N/A	-10	17	N/A	N/A
20	19-Apr-21	16:56	17:11	Louis Dubois	N/A	-96.10060366	64.04685451	N/A	N/A	Amaruq KM 103	>1000	N/A	10	E	N		N/A	8	N/A	N/A	-10	17	N/A	N/A
21	20-Apr-21	16:39	17:22	BHJ	N/A	-96.08501667	65.02731667	N/A	N/A	AWAR KM 105	300-1000	N/A	90	W	N		N/A	10	N/A	N/A	-3	8	N/A	2

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3
1	31-Mar-21	9:41	10:11	Cloudy, Wind	N/A	N/A	N/A	Bridge at KM 119	8	0	0	0	0			8	0	0	0	0	0		
2	6-Apr-21	16:17	16:45	Sunny in the morning, got cloudy around 13:00	N/A	0	6	None	0	0	0	16	0			0	0	0	16	0	0		
3	7-Apr-21	10:13	10:50	N/A	N/A	N/A	N/A	N/A	0	51	0	0	1	0		0	52	0	0	0	0		
4	8-Apr-21	13:46	14:18	N/A	N/A	0	N/A	Flags	18	0	0	0	0			18	0	0	0	0	0	"Few second after a light truck pass"	
5	12-Apr-21	16:29	17:05	N/A	N/A	N/A	N/A	N/A	0	0	2	10	0	0			10	0	2	0	0		
6	13-Apr-21	9:13	9:51	N/A	N/A	0	0	Flags	5	1	4	18	0	0	Caribou walking south behind a hill		0	4	19	0	0		
7	13-Apr-21	9:23	9:54	Sunny	N/A	0	6	None	7	0	0	0	0	Too far away for photos		7	0	0	0	0	0		
8	13-Apr-21	11:36	12:10	Was overcast and clear, Weather shifted at start of survey. Visibility dropped and some snow is drifting low over the road. Subsampled to what group was clearly visible.	N/A	0	6	None	1	28	0	0	0	Subset of 29		1	28	0	0	0	0	Subset	
9	13-Apr-21	16:40	17:12	N/A	N/A	40	6	None	5	6	0	4	0	0		5	9	1	0	0	0		
10	14-Apr-21	5:43	7:16	N/A	N/A	N/A	N/A	Flags	30	8	0	3	0	Group of 41 part of a spread group of 300		32	8	0	1	0	0		
11	14-Apr-21	6:58	7:33	N/A	N/A	N/A	N/A	N/A	60	0	0	2	0	Portion of 62 caribou part of the 476 group		60	0	0	2	0	0		
12	14-Apr-21	11:56	12:31	N/A	N/A	N/A	N/A	N/A	75	0	1	0	0			76	0	0	0	0	0		
13	14-Apr-21	13:40	14:11	N/A	N/A	N/A	N/A	N/A	48	6	0	0	0			45	3	0	4	2	0		
14	18-Apr-21	8:34	9:03	Sunny, Wind Chill -31 deg.	N/A	0	6	None	42	8	1	1	0	Pre-Disturbance		38	12	0	2	0	0	Pre-Disturbance	IMG 1915-16
15	18-Apr-21	9:04	9:20	N/A	N/A	0	6	None	0	8	1	15	0	15 Walking over ridge outside of visual range	IMG 1941	4	5	0	5	0	0	7 Walking over ridge outside of visual range	IMG 1943
16	19-Apr-21	8:00	8:34	N/A	N/A	0	8	Flags	4	0	0	0	2			6	0	0	0	0	0		
17	19-Apr-21	8:45	9:17	N/A	N/A	0	8	Flags	2	4	0	0	0										
18	19-Apr-21	15:49	16:22	N/A	N/A	0	8	Flags	5	9	0	0	0	At 25 to 50m from the road, but only visible from 1000m since hide by a hill		5	9	0	0	0	0		
19	19-Apr-21	16:22	16:46	N/A	N/A	0	N/A	Flags	14	0	0	0	0	At 25 to 50m from the road, but only visible from 1000m since hide by a hill		14	0	0	0	0	0		
20	19-Apr-21	16:56	17:11	N/A	N/A	0	N/A	Flags	0	3	5	0	0			2	2	0	0	2	0		
21	20-Apr-21	16:39	17:22	Overcast	N/A	5	20	Mine, flags freshwater barge	9	0	0	1	0		IMG 0634	9	0	0	1	0	0		IMG 0635

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12	
1	31-Mar-21	9:41	10:11	8	0	0	1	0	0			7	0	0	1	0	0				3	0	0	2	0	0	3 went behind hill	
2	6-Apr-21	16:17	18:45	0	0	0	16	0	0			0	0	0	16	0	0				0	0	0	16	0	0		
3	7-Apr-21	10:13	10:50	0	52	0	0	0	0			0	52	0	0	0	0				0	52	0	0	0	0		
4	8-Apr-21	13:46	14:18	17	0	1	0	0	0			18	0	0	0	0	0				17	0	0	1	0	0		
5	12-Apr-21	16:29	17:05	12	0	0	0	0	0			12	0	0	0	0	0				12	0	0	0	0	0		
6	13-Apr-21	9:13	9:51	0	0	10	11	0	0			0	0	1	0	0	0				0	0	0	0	0	0	No more caribou, all behind the hill	
7	13-Apr-21	9:23	9:54	7	0	0	2	0	0	Walking north towards group. The two new individuals walking were likely just over the ridge as the foraging group are on a ridge top		10	0	0	1	0	0	One walked downslope and behind a different ridge, out of sight for potentially rest of survey, north.			6	0	0	2	0	Rest of caribou have disappeared from field of view		
8	13-Apr-21	11:36	12:10	1	27	1	0	0	0			1	28	0	0	0	0	Subset			1	28	0	0	0	0	Subset	
9	13-Apr-21	16:40	17:12	5	10	0	0	0	0			5	10	0	0	0	0				5	10	0	0	0	0	Foraging individuals are slowly moving behind a ridge. I might lose visual.	
10	14-Apr-21	5:43	7:16	26	9	0	6	0	0			0	8	6	0	0	27	Run when the snowblower pass			18	8	0	15	0	0		
11	14-Apr-21	6:58	7:33	61	0	0	1	0	0			60	0	0	2	0	0				N/A	N/A	N/A	N/A	N/A			
12	14-Apr-21	11:56	12:31	76	0	0	0	0	0			74	0	0	2	0	0				76	0	0	0	0	0		
13	14-Apr-21	13:40	14:11	43	1	2	14	0	0	6 new caribou arrived		49	1	0	10	0	0				57	0	0	13	0	0	Caribou are just walking slowly to graze somewhere else not too far	
14	18-Apr-21	8:34	9:03	39	12	0	1	0	0	Pre-Disturbance	IMG 1917-20	34	18	0	0	0	0	Pre-Disturbance		IMG 1921-22	38	18	1	2	0	0	Pre-Disturbance	IMG 1924-25
15	18-Apr-21	9:04	9:20	0	0	0	0	0	0	All caribou now over the ridge.		0	0	0	0	0	0	All clear for convoy to continue to go up switch back			0	0	0	0	0	Convoy begins going up switch back		
16	19-Apr-21	8:00	8:34	5	0	0	0	0	0			6	0	0	0	0	0				6	0	0	0	0	0		
17	19-Apr-21	8:45	9:17	3	2	1	0	0	0			1	4	1	0	0	0				2	4	0	0	0	0		
18	19-Apr-21	15:49	16:22	5	9	0	0	0	0			2	12	0	0	0	0				1	13	0	0	0	0		
19	19-Apr-21	16:22	16:46	14	0	0	0	0	0			14	0	0	0	0	0				14	0	1	0	0	0		
20	19-Apr-21	16:56	17:11	0	0	0	0	0	0	No more caribou visible, walk(ed) behind a hill		0	0	0	0	0	0	No more caribou			0	0	0	0	0	0	No more caribou	
21	20-Apr-21	16:39	17:22	10	0	0	0	0	0		IMG 0536	10	0	0	0	0	0			IMG 0537	9	0	1	0	0	0		IMG 0538

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
1	31-Mar-21	9:41	10:11	4	0	0	0	0	1 went behind hill		3	0	0	0	0	0	1 went behind hill			2	0	0	0	0	0	1 went behind hill	
2	6-Apr-21	16:17	16:45	0	0	0	16	0			0	0	0	16	0	0				0	0	0	16	0	0		
3	7-Apr-21	10:13	10:50	0	52	0	0	0			0	52	0	0	0	0				0	52	0	0	0	0		
4	8-Apr-21	13:46	14:18	18	0	0	0	0			18	0	0	0	0	0				17	0	0	0	1	0		
5	12-Apr-21	16:29	17:05	12	0	0	0	0			11	0	1	0	0	0			DSCN250-256	12	0	0	0	0	0		
6	13-Apr-21	9:13	9:51	0	0	0	0	0	No caribou visible		59	6	2	7	2	0	Moved the truck 1000 m south. Caribou at 1500 m from the road.			N/A	N/A	N/A	N/A	N/A	Did not have time to count and record		
7	13-Apr-21	9:23	9:54	8	0	0	0	0			7	0	0	0	0	0	One caribou disappeared from field of view - either over the ridge or behind on the blocks field of view			7	0	0	0	0			
8	13-Apr-21	11:36	12:10	1	28	0	0	0	Subset		1	28	0	0	0	0	Subset			1	28	0	0	0	0	Subset	
9	13-Apr-21	16:40	17:12	3	11	0	0	0	Lost visual of one foraging behind a ridge		1	11	0	0	0	0	Lost visual of another two foraging behind a ridge			1	11	0	0	0	0		
10	14-Apr-21	5:43	7:16	14	10	0	17	0	The 17 that are walking are reaching a larger group 300 m away		14	10	0	2	0	0	The 17 that were walking are now merge with the larger group and are grazing			17	11	0	0	1	0		
11	14-Apr-21	6:58	7:33	32	0	0	30	0	Crossing the Road		11	0	0	51	0	0	Crossing the Road			0	0	0	62	0	0	Crossing the Road	
12	14-Apr-21	11:56	12:31	75	0	0	1	0			59	0	0	16	1	0	Started walking North before the tanker approached			44	0	0	32	0	0		
13	14-Apr-21	13:40	14:11	55	0	0	5	0			54	0	0	6	0	0				53	0	0	7	0	0		
14	18-Apr-21	8:34	9:03	31	16	1	4	0	Pre-Disturbance	IMG 1926-27	24	24	0	0	4	0	Convoy Arrives		IMG 1928	24	24	0	2	2	0	Convoy	IMG 1929-32
15	18-Apr-21	9:04	9:20	0	0	0	0	0	All tankers post switchback																		
16	19-Apr-21	8:00	8:34	6	0	0	0	0	Beginning of the convoy passing beside the caribou. Now at 500 m from the road.		6	0	0	0	0	0	1000 m from the road.			6	0	0	0	0	0	At 1000 m from the road, they are walking parallel to the road direction north.	
17	19-Apr-21	8:45	9:17	1	5	0	0	0			1	5	0	0	0	0				2	4	0	0	0	0		
18	19-Apr-21	15:49	16:22	1	13	0	0	0			2	12	0	0	0	0				3	11	0	0	0	0		
19	19-Apr-21	16:22	16:46	14	0	0	0	0	1 caribou ran away from the other group at min 14. 100m, the rest did not move.		14	0	0	0	0	0				14	0	0	0	0	0		
20	19-Apr-21	16:56	17:11	0	0	0	0	0	No more caribou		0	0	0	0	0	0	No more caribou			0	0	0	0	0	0	No more caribou	
21	20-Apr-21	16:39	17:22	8	0	2	0	0		IMG 0539	8	0	0	2	0	0	Two more appeared from over rise.	IMG 0540		9	1	0	2	0	0	Two more appeared from over rise.	IMG 0541

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_24	Lying Down_24	Standing_24	Walking_24	Alert_24	Trotting/Running_24	Comments_24	Photo Number_24	Feeding_27	Lying Down_27	Standing_27	Walking_27	Alert_27	Trotting/Running_27	Comments_27	Photo Number_27	Feeding_30	Lying Down_30	Standing_30	Walking_30	Alert_30	Trotting/Running_30	Comments_30	Photo Number_30	
1	31-Mar-21	9:41	10:11	2	0	0	0	0	0			2	0	0	0	0	0				1	0	0	0	0	0	1 went behind hill	
2	6-Apr-21	16:17	16:45	0	0	0	16	0	0	3 caribou stopped for less than a minute		0	0	0	0	0	16	Truck passed and caribou ran for 5 seconds, followed by alertness (few seconds), then feeding			16	0	0	0	0			
3	7-Apr-21	10:13	10:50	0	52	0	0	0	0			0	52	0	0	0	0				0	52	0	0	0	0		
4	8-Apr-21	13:46	14:18	18	0	0	0	0	0			18	0	0	0	0	0				18	0	0	0	0	0		
5	12-Apr-21	16:29	17:05	12	0	0	0	0	0		DSCN267-260	12	0	0	0	0	0			DSCN261	12	0	0	0	0	0		DSCN262-263
6	13-Apr-21	9:13	9:51	33	1	3	20	1	0			N/A	N/A	N/A	N/A	N/A	N/A	Did not have time to count and record			18	0	1	0	0	Moved behind another hill		
7	13-Apr-21	9:23	9:54	7	0	0	0	0	0			6	0	0	0	0	1	One trotted downslope behind a different hill (blocks field of view). Same direction others have walked towards earlier, N			5	0	0	0	0	Inbetween official observations 1 walked downslope where others have, N		
8	13-Apr-21	11:36	12:10	1	28	0	0	0	0	Subset		1	28	0	0	0	0	Subset			1	28	0	0	0	0	Subset	
9	13-Apr-21	16:40	17:12	1	9	0	4	0	0	Some got up and started walking. Others returned from over the ridge and lied down.		1	12	1	0	0	0	Some walkers lied down.			1	13	0	0	0	0		
10	14-Apr-21	5:43	7:16	14	9	0	2	0	0			20	9	0	0	0	0				17	9	0	4	0	0		
11	14-Apr-21	6:58	7:33	0	0	0	62	0	0	20 Left on the west side, are also going to cross the road		0	0	0	62	0	0	12 remaining to cross			0	0	0	62	0	0	All cross and some more coming from another portion of the big group	
12	14-Apr-21	11:56	12:31	34	0	0	42	0	0			21	0	0	55	0	0	All walking North in a line			10	0	0	63	3	0		
13	14-Apr-21	13:40	14:11	59	0	0	1	0	0			60	0	0	0	0	0				60	0	0	0	0	0		
14	18-Apr-21	8:34	9:03	26	26	0	0	0	0	11 Caribou moving and foraging away from convoy	IMG 1933-36	24	26	1	1	0	0				20	22	0	10	0	0	10 Walking over ridge outside of visual range	IMG 1937-40
15	18-Apr-21	9:04	9:20																									
16	19-Apr-21	8:00	8:34	4	0	0	0	2	0	[Convoy] is in the same spot as 21st Minute		1	0	0	0	0	0	Lost sign of the 5 others in the fog			4	0	0	0	1	0	Moved the truck closer. One missing in the fog	
17	19-Apr-21	8:45	9:17	1	3	0	2	0	0																			
18	19-Apr-21	15:49	16:22	4	10	0	0	0	0																			
19	19-Apr-21	16:22	16:46	7	0	0	5	2	0	Walking away from the road, now at 800m from the road		N/A	N/A	N/A	N/A	N/A	N/A	Walked closer to the road. All at 25m from the road			12	0	0	0	2	0		
20	19-Apr-21	16:56	17:11	0	0	0	0	0	0	No more caribou		0	0	0	0	0	0	No more caribou			4	3	0	0	0	0	Lost sign of 7 caribou behind a hill	
21	20-Apr-21	16:39	17:22	9	2	1	0	0	0		IMG 0542	8	2	0	1	1	0	No more caribou		IMG 0543	10	3	0	3	0	0	No more caribou	IMG 0544

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
1	31-Mar-21	9:41	10:11				Qty 1					Heavy Equipment	Qty 1
2	6-Apr-21	16:17	16:45										
3	7-Apr-21	10:13	10:50										
4	8-Apr-21	13:46	14:18	Light Truck	Qty 1: Noise of the flag in the wind present at all times; Caribou did not move								
5	12-Apr-21	16:29	17:05									Heavy Equipment	Qty 1; No behavior change
6	13-Apr-21	9:13	9:51					Tanker	Qty 1	Tractor	"Tractor Tractor"; Qty 1		
7	13-Apr-21	9:23	9:54										
8	13-Apr-21	11:36	12:10	Road Maintenance	No Reaction								
9	13-Apr-21	16:40	17:12										
10	14-Apr-21	5:43	7:16					Road Maintenance	Qty 1; Snowblower				
11	14-Apr-21	6:58	7:33										
12	14-Apr-21	11:56	12:31										
13	14-Apr-21	13:40	14:11										
14	18-Apr-21	8:34	9:03										
15	18-Apr-21	9:04	9:20										
16	19-Apr-21	8:00	8:34									Light Trucks; Tankers; Convoy	Qty 2; Qty 6, respectively
17	19-Apr-21	8:45	9:17										
18	19-Apr-21	15:49	16:22										
19	19-Apr-21	16:22	16:46										
20	19-Apr-21	16:56	17:11		Qty 2: 6 ran further from the road								
21	20-Apr-21	16:39	17:22	Road Maintenance									

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 15	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
1	31-Mar-21	9:41	10:11	Light Truck	Qty 1	Heavy Equipment	Qty 1	Heavy Equipment	Qty 1				
2	6-Apr-21	16:17	16:45									Light Truck	Qty 1
3	7-Apr-21	10:13	10:50										
4	8-Apr-21	13:46	14:18										
5	12-Apr-21	16:29	17:05	Road Maintenance	No Behaviour Change			Road Maintenance Tanker	No Behaviour Change Tanker Qty 1	Road Maintenance	No Behaviour Change		
6	13-Apr-21	9:13	9:51										
7	13-Apr-21	9:23	9:54										
8	13-Apr-21	11:36	12:10							Heavy Equipment	Qty 1, No Reaction		
9	13-Apr-21	16:40	17:12										
10	14-Apr-21	5:43	7:16										
11	14-Apr-21	6:58	7:33										
12	14-Apr-21	11:56	12:31			Tanker	Qty 1	Light Truck	Qty 1				
13	14-Apr-21	13:40	14:11			Light Truck	Qty 1						
14	18-Apr-21	8:34	9:03			convoy							
15	18-Apr-21	9:04	9:20										
16	19-Apr-21	8:00	8:34										
17	19-Apr-21	8:45	9:17										
18	19-Apr-21	15:49	16:22	Roll-Off Truck	Qty 1, 1000m from the caribou							Roll-Off Truck	Qty 1, 1000m from the caribou
19	19-Apr-21	16:22	16:46					Road Maintenance	Qty 2, Caribou walk 100m away from the road.				
20	19-Apr-21	16:56	17:11										
21	20-Apr-21	16:39	17:22	Light Truck; Road Maintenance	Qty 1; Qty 1: Vehicles travelling approx. 40 km/h on AWAAR. Pickup and hysteresis. No reaction from caribou group. Continued foraging.							Snow plough	Qty 1: Snow Plough about 40 km/h, 11/12 foraging, one looked up alerted.

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
1	31-Mar-21	9:41	10:11			
2	6-Apr-21	16:17	16:45			
3	7-Apr-21	10:13	10:50			
4	8-Apr-21	13:46	14:18			
5	12-Apr-21	16:29	17:05			
6	13-Apr-21	9:13	9:51			
7	13-Apr-21	9:23	9:54			
8	13-Apr-21	11:36	12:10			Subset
9	13-Apr-21	16:40	17:12			
10	14-Apr-21	5:43	7:16			Subset
11	14-Apr-21	6:58	7:33			Subset
12	14-Apr-21	11:56	12:31			
13	14-Apr-21	13:40	14:11			
14	18-Apr-21	8:34	9:03			Convoy Monitoring Part (1/2), Pre and During Disturbance (From 0-32 Minutes)
15	18-Apr-21	9:04	9:20			Convoy Monitoring Part (2/2) (From 33-45 Minutes)
16	19-Apr-21	8:00	8:34			Convoy Monitoring Part (1/2) During Disturbance: "With the first truck approaching, caribou started to run 100m, then stop and be alert. They did that until they definitely stop at 1000m from the road"
17	19-Apr-21	8:45	9:17			Convoy Monitoring Part (2/2) Post-Disturbance
18	19-Apr-21	15:49	16:22			Convoy Monitoring Part (1/3) "Pre-Disturbance"
19	19-Apr-21	16:22	16:46			Convoy Monitoring Part (2/3) "Post-Disturbance"
20	19-Apr-21	16:56	17:11			Convoy Monitoring Part (3/3) "Post-Disturbance"
21	20-Apr-21	16:39	17:22			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event
22	21-Apr-21	13:02	13:42	BHK, MTS	N/A	-96.28072555	64.61819603	N/A	N/A	AWAR KM 38	300-1000	N/A	310	W	N	201-500	83	73	N/A	-3	15	N/A	4
23	22-Apr-21	16:20	16:52	BHJ	N/A	-96.22428724	64.95717939	N/A	N/A	AWAR KM 83	>1000	N/A	205	W	N	201-500	20	N/A	N/A	-9	20	N/A	5
24	23-Apr-21	8:56	9:33	Michael Schumacher	N/A	-96.24176363	64.57276595	N/A	N/A	AWAR KM 35	300-1000	N/A	270	W	N	201-500	62	N/A	N/A	-14	20	N/A	4
25	23-Apr-21	9:34	9:40	Michael Schumacher	N/A	-96.244259	64.573856	N/A	N/A	AWAR KM 35	300-1000	N/A	270	W	N	201-500	15	N/A	N/A	-14	20	N/A	4
26	23-Apr-21	10:17	10:54	Michael Schumacher	N/A	-96.27193538	64.5857828	N/A	N/A	AWAR KM 37	300-1000	N/A	290	W	N	201-500	21	N/A	N/A	-10	20	N/A	4
27	23-Apr-21	11:11	11:52	BHJ, NS	N/A	-96.02736657	64.41046515	N/A	N/A	AWAR KM 12	300-1000	N/A	300	W	N	N/A	33	N/A	N/A	-16	10	N/A	6
28	23-Apr-21	11:15	11:55	Michael Schumacher	N/A	-96.33139272	64.65627625	N/A	N/A	AWAR KM 46	100-300	N/A	280	W	N	N/A	19	N/A	N/A	-10	20	N/A	4
29	23-Apr-21	12:41	13:19	BHJ, NS	N/A	-96.16137551	64.52384334	N/A	N/A	AWAR KM 26	300-1000	N/A	0	W	N	101-200	210	N/A	N/A	-15	20	N/A	2
30	23-Apr-21	12:45	13:10	Michael Schumacher	N/A	-96.35769918	64.76064987	N/A	N/A	AWAR KM 61	300-1000	N/A	270	W	N	N/A	8	N/A	N/A	-10	20	N/A	4
31	23-Apr-21	14:46	15:25	Michael Schumacher	N/A	-96.32889852	64.8743981	N/A	N/A	AWAR KM 74	300-1000	N/A	315	W	N	N/A	9	N/A	N/A	-10	20	N/A	4
32	24-Apr-21	7:52	8:41	Michael Schumacher	N/A	-96.3279436	64.81093547	N/A	N/A	AWAR 66 KM	300-1000	N/A	200	W	Y	N/A	200	14	N/A	-21	26	N/A	5
33	24-Apr-21	7:52	8:41	Michael Schumacher	N/A	-96.3279436	64.81093547	N/A	N/A	AWAR 66 KM	300-1000	N/A	200	W	Y	N/A	200	14	N/A	-21	26	N/A	5
34	25-Apr-21	12:52	13:29	BHJ	N/A	-96.16133185	64.3215141	N/A	N/A	AWAR KM 26	100-300	N/A	200	W	N	50-100	50	N/A	N/A	-16	20	N/A	7
35	25-Apr-21	14:32	15:04	BHJ	N/A	-96.32747057	64.81812398	N/A	N/A	AWAR KM 67	51-100	N/A	N/A	W	N	50-100	27	N/A	N/A	-15	20	N/A	7
36	26-Apr-21	8:15	9:00	BHJ	N/A	-96.29392617	64.62686697	N/A	N/A	AWAR KM (N/A)	100-300	N/A	190	W	N	N/A	32	N/A	N/A	-18	20	N/A	8
37	26-Apr-21	9:32	9:50	BHJ	N/A	-96.29393467	64.62684512	N/A	N/A	AWAR KM 42	100-300	N/A	200	W	N	N/A	32	N/A	N/A	-20	20	N/A	8
38	26-Apr-21	9:52	10:26	BHJ	N/A	-96.29390417	64.62685515	N/A	N/A	AWAR KM 42	>1000	N/A	210	E	N	N/A	32	N/A	N/A	-20	20	N/A	N/A
39	26-Apr-21	13:54	14:29	BHJ	N/A	-96.36593797	64.74496658	N/A	N/A	AWAR KM 58	300-1000	N/A	215	W	N	50-100	58	N/A	N/A	-15	20	N/A	8

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Walking_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3
22	21-Apr-21	13:02	13:42	Foggy	N/A	0	20	Flags	39	32	0	2	0	0	200+ caribou with more incoming. SubGroup of 73 selected for behaviour survey.	IMG 0896	35	45	0	3	0	0		IMG 0897
23	22-Apr-21	16:20	16:52	Sunny, clear skies	N/A	0	20	Flags	10	10	0	0	0	0		IMG 0597	15	5	0	0	0	0	No photos taken	
24	23-Apr-21	8:56	9:33	N/A	N/A	1	2	None	0	0	0	62	0	0	Walking south 400 m west of road.	IMG 2387	0	0	0	62	0	0		IMG 2388
25	23-Apr-21	9:34	9:40	N/A	N/A	1	2	None	0	0	0	15	0	0	Bulk of group behind hill. Unable to get useful photo due to distance at time of observation. Accidentally changed GPS location. Km 35 still correct for post-convoy survey.		0	0	0	10	0	0	Unable to get useful photo due to distance at time of observation. All of original 62 out of sight to south after this observation. End of survey.	
26	23-Apr-21	10:17	10:54	N/A	N/A	1	2	None	15	6	0	0	0	0	Group is 21 individual subset or larger group. Accidentally moved gps marker during OAQC. Road km is correct.	IMG 2389	10	8	0	3	0	0		IMG 2400
27	23-Apr-21	11:11	11:52	Cloudy	N/A	0	8	Flags, Road	0	0	0	33	0	0		IMG 0683	7	0	0	26	0	0		IMG 0684
28	23-Apr-21	11:15	11:55	N/A	N/A	1	4	None	18	0	0	0	0	0		IMG 2414	16	0	0	2	0	0		IMG 2415
29	23-Apr-21	12:41	13:19	Partly Cloudy	N/A	0	8	Flags, Road	80	80	0	50	0	0		IMG 0693	80	60	0	80	0	0		IMG 0694
30	23-Apr-21	12:45	13:10	N/A	N/A	1	1	None	0	0	0	8	0	0		IMG 2584	0	0	0	8	0	0		IMG 2586
31	23-Apr-21	14:46	15:25	N/A	N/A	1	4	None	0	9	0	0	0	0		IMG 2685	0	9	0	0	0	0	Photo taken at 14:59 due to radio call.	IMG 2686
32	24-Apr-21	7:52	8:41	N/A	N/A	1	2	None	6	2	0	6	0	0		IMG 3785	0	2	8	4	0	0		IMG 3786
33	24-Apr-21	7:52	8:41	N/A	N/A	1	2	None	12	0	0	0	0	0			0	0	0	0	0	12	Tanker Disturbance. caribou ran out of sight.	Video 3798.
34	25-Apr-21	12:52	13:29	Sunny	N/A	0	10	Flags, Road	0	0	0	10	0	0	More coming behind hill. Travelling south	IMG 0876	0	0	0	31	0	0	Travelling south	IMG 0877
35	25-Apr-21	14:32	15:04	Partly Cloudy	N/A	0	10	Flags, Road	0	0	0	26	1	0	Travelling south, more coming behind hill	IMG 0889	0	0	0	25	0	0	Travelling fast, south, herd disappearing behind hill	IMG 0892
36	26-Apr-21	8:15	9:00	Partly Cloudy	N/A	N/A	10	Flags, "Yellow must all sign", road	10	20	0	2	0	0	Pre-disturbance survey. Convoy will be passing.	IMG 0962	7	25	0	0	0	0		IMG 0963
37	26-Apr-21	9:32	9:50	Mostly Sunny	N/A	0	10	Flags, "Yellow must all sign", road	3	29	0	0	0	0	Disturbance survey. Convoy passing. 6 tankers, two pickups, one snow plough.	IMG 0974-0981	0	0	0	0	32	0	Disturbance survey. Convoy passing. 6 tankers, two pickups, one snow plough.	IMG 0981-0983
38	26-Apr-21	9:52	10:26	N/A	N/A	0	10	Flags, "Yellow must all sign", road	0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.	IMG 0986	0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.	
39	26-Apr-21	13:54	14:29	Partly Cloudy	N/A	0	10	Flags, Road	19	0	0	30	0	0	Herd is travelling north rapidly	IMG 0987	16	1	2	41	0	0	Herd is travelling north rapidly	IMG 0989

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12	
22	21-Apr-21	13:02	13:42	35	37	0	1	0	0		IMG 0998	37	36	0	0	0	0			IMG 0999	31	41	0	1	0	0		IMG 1000
23	22-Apr-21	16:20	16:52	10	10	0	0	0	0		IMG 0599	10	10	0	0	0	0		No photos taken		10	10	0	0	0			
24	23-Apr-21	8:56	9:33	0	0	62	0	0	0		IMG 2389	0	0	0	62	0	0			IMG 2390	9	0	0	53	0	0		IMG 2393
25	23-Apr-21	9:34	9:40	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
26	23-Apr-21	10:17	10:54	8	8	0	5	0	0		IMG 2401	7	13	0	1	0	0			IMG 2402	11	9	0	0	0	0		IMG 2404
27	23-Apr-21	11:11	11:52	25	0	1	7	0	0		IMG 0585	11	0	3	6	0	0	Some walked behind hill out of sight	IMG 0586	18	0	0	5	0	2		IMG 0587	
28	23-Apr-21	11:15	11:55	18	0	0	0	0	0		IMG 2419	18	0	0	0	0	0		IMG 2423	12	0	0	0	0	0		IMG 2426	
29	23-Apr-21	12:41	13:19	30	60	0	40	0	0		IMG 0585	20	40	0	40	0	0		IMG 0586	30	10	5	30	0	0	group is steadily walking behind hill out of sight	IMG 0597	
30	23-Apr-21	12:45	13:10	0	0	0	8	0	0	Group moving over hill out of site.	IMG 2587	0	0	0	8	0	0		IMG 2588	1	0	0	7	0	0		IMG 2617	
31	23-Apr-21	14:46	15:25	0	9	0	0	0	0	No change in behaviour. Survey delayed by radio call. Continued afterward.	IMG 2687	0	9	0	0	0	0		IMG 2688	0	9	0	0	0	0		IMG 2689	
32	24-Apr-21	7:52	8:41	0	2	0	12	0	0		IMG 3787	11	0	0	1	0	2		IMG 3788	12	0	0	2	0	0		IMG 1790	
33	24-Apr-21	7:52	8:41	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
34	25-Apr-21	12:52	13:29	0	0	0	31	0	0	Travelling south	IMG 0878	0	0	0	31	0	0	Travelling south	IMG 0879	0	0	0	25	0	0	Herd is going out of sight behind hill	IMG 0880	
35	25-Apr-21	14:32	15:04	0	0	0	25	0	0	Travelling south	IMG 0893	0	0	0	20	0	0	Travelling south, travelling out of sight behind hill	IMG 0894	0	0	0	0	0	0	Travelled fast behind hill. Last photo taken.	IMG 0895	
36	26-Apr-21	8:15	9:00	8	24	0	0	0	0		IMG 0964	9	22	0	1	0	0		IMG 0965	8	23	0	1	0	0		IMG 0966	
37	26-Apr-21	9:32	9:50	0	0	0	0	0	0	Disturbance survey. Convoy passing. 6 tankers. two pickups. one snow plough. Caribou moved behind hill. Video taken.		0	0	0	32	0	0	Disturbance survey. Convoy passing. 6 tankers. two pickups. one snow plough.		0	0	0	32	0	0	Disturbance survey. Convoy passing. 6 tankers. two pickups. one snow plough.		
38	26-Apr-21	9:52	10:26	0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.		0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.		0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.		
39	26-Apr-21	13:54	14:29	13	1	0	36	0	0		IMG 0990	7	1	0	42	0	0		IMG 0991	20	0	0	30	0	0	Herd is travelling north up hill	IMG 0992	

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
22	21-Apr-21	13:02	13:42	27	44	0	2	0		IMG 1001	31	42	0	0	0	0			IMG 1003	22	51	0	0	0	0		IMG 1004
23	22-Apr-21	16:20	16:52	10	10	0	0	0	No photos taken		10	10	0	0	0	0		No photos taken			10	10	0	0	0	No photo preparing camera for convoy video, group moving behind hill as travel south. Bulk of group will be out of sight behind hill soon and are increasing distance from road.	
24	23-Apr-21	8:56	9:33	0	0	62	0	0	No photo on radio		0	0	0	62	0	0			IMG 2395	0	0	0	62	0	0		
25	23-Apr-21	9:34	9:40	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
26	23-Apr-21	10:17	10:54	10	8	0	3	0		IMG 2405	9	12	0	0	0	0			IMG 2406	7	13	0	1	0	0		IMG 2409
27	23-Apr-21	11:11	11:52	19	0	0	6	0		IMG 0688	22	0	1	2	0	0			IMG 0689	13	3	5	2	0	0		IMG 0690
28	23-Apr-21	11:15	11:55	18	0	0	0	0		IMG 2428	18	0	0	0	0	0			IMG 2431	14	0	0	0	0	0	Only 14 visible caribou now.	IMG 2433
29	23-Apr-21	12:41	13:19	5	10	0	20	0	Steadily walking behind hill out of sight	IMG 0698	5	15	0	4	0	0			IMG 0699	5	20	0	0	0	0		IMG 0700
30	23-Apr-21	12:45	13:10	0	0	8	0	0	Group went over hill and out of sight after this observation.	IMG 2618	0	0	0	0	0	0			IMG 2691	0	9	0	0	0	0		IMG 2692
31	23-Apr-21	14:46	15:25	0	9	0	0	0		IMG 3790	0	9	0	0	0	0			IMG 3792	12	0	0	0	0	0		IMG 3794
32	24-Apr-21	7:52	8:41	12	0	2	0	0		IMG 3791	12	0	0	0	0	0				0	0	0	0	0			
33	24-Apr-21	7:52	8:41	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
34	25-Apr-21	12:52	13:29	0	0	0	0	0	Herd has travelled out of sight behind hill	IMG 0881	0	0	0	0	0	0		Herd has travelled out of sight behind hill	IMG 0882	0	0	0	0	0	0	Herd has travelled out of sight behind hill	IMG 0883
35	25-Apr-21	14:32	15:04	0	0	0	0	0	Travelled out of sight. Photo same as previous		0	0	0	0	0	0		Travelled out of sight		0	0	0	0	0	0	Travelled out of sight	
36	26-Apr-21	8:15	9:00	8	24	0	0	0		IMG 0967	10	22	0	0	0	0			IMG 0968	10	22	0	0	0	0		IMG 0969
37	26-Apr-21	9:32	9:50	0	0	7	0	0	Disturbance survey. Convoy passing. 6 tankers, two pickups, one snow plough. Rest of group behind hill.		0	0	0	0	0	0				0	0	0	0	0	0		
38	26-Apr-21	9:52	10:26	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.		0	0	0	0	0	0		Post disturbance survey. Herd has disappeared behind hill after convoy passed.		0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.	
39	26-Apr-21	13:54	14:29	20	0	10	9	0	Herd is travelling north over and behind hill	IMG 0993	10	2	5	23	0	0			IMG 0994	10	0	10	28	0	0		IMG 0995

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_24	Lying Down_24	Standing_24	Walking_24	Alert_24	Trotting/Running_24	Comments_24	Photo Number_24	Feeding_27	Lying Down_27	Standing_27	Walking_27	Alert_27	Trotting/Running_27	Comments_27	Photo Number_27	Feeding_30	Lying Down_30	Standing_30	Walking_30	Alert_30	Trotting/Running_30	Comments_30	Photo Number_30	
22	21-Apr-21	13:02	13:42	21	52	0	0	0	0		IMG 1006	14	59	0	0	0	0			IMG 1007	10	63	0	0	0	0		IMG 1008
23	22-Apr-21	16:20	16:52	11	9	0	0	0	0	No photos taken		11	9	0	0	0	0	No photos taken			10	10	0	0	0	No photos taken		
24	23-Apr-21	8:56	9:33	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
25	23-Apr-21	9:34	9:40	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
26	23-Apr-21	10:17	10:54	9	11	0	1	0	0		IMG 2411	9	11	0	0	0	0			IMG 2412	6	15	0	0	0	0		IMG 2413
27	23-Apr-21	11:11	11:52	9	10	1	0	0	0		IMG 0691	7	10	0	3	0	0			IMG 0692	7	12	0	1	0	0		IMG 0693
28	23-Apr-21	11:15	11:55	14	0	0	0	0	0		IMG 2434	14	0	0	0	0	0			IMG 2436	14	0	0	0	0	0		IMG 2437
29	23-Apr-21	12:41	13:19	0	25	0	0	0	0		IMG 0701	2	23	0	0	0	0			IMG 0702	3	18	0	0	0	1		IMG 703
30	23-Apr-21	12:45	13:10	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
31	23-Apr-21	14:46	15:25	0	9	0	0	0	0		IMG 2893	0	9	0	0	0	0			IMG 2894	0	9	0	0	0	0		IMG 2895
32	24-Apr-21	7:52	8:41	12	0	0	0	0	0		IMG 3795	12	0	0	0	0	0			IMG 3796	12	0	0	0	0	0		IMG 3797
33	24-Apr-21	7:52	8:41	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
34	25-Apr-21	12:52	13:29	10	0	0	40	0	0	Herd joined up with others. Travelling south	IMG 0884	15	0	10	20	0	0	Travelling south		IMG 0885	8	0	0	25	0	0	Part of herd obscured by hill	IMG 0886
35	25-Apr-21	14:32	15:04	0	0	0	0	0	0	Travelled out of sight		0	0	0	0	0	0	Travelled out of sight			0	0	0	0	0	Travelled out of sight		
36	26-Apr-21	8:15	9:00	9	22	0	1	0	0		IMG 0970	6	26	0	0	0	0			IMG 0971	7	25	0	0	0	0		IMG 0972
37	26-Apr-21	9:32	9:50	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
38	26-Apr-21	9:52	10:26	0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.		0	0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.			0	0	0	0	0	Post disturbance survey. Herd has disappeared behind hill after convoy passed.		
39	26-Apr-21	13:54	14:29	10	15	0	6	0	0		IMG 0996	15	1	5	6	0	0			IMG 0997	16	2	3	5	0	0		IMG 0998

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
22	21-Apr-21	13:02	13:42										
23	22-Apr-21	16:20	16:52										
24	23-Apr-21	8:56	9:33										
													Qty 1. No reaction from group continued walking south. Vehicle driving 40-50 km/h
25	23-Apr-21	9:34	9:40										
26	23-Apr-21	10:17	10:54										
27	23-Apr-21	11:11	11:52										
28	23-Apr-21	11:15	11:55										
29	23-Apr-21	12:41	13:19										
30	23-Apr-21	12:45	13:10										
31	23-Apr-21	14:46	15:25										
32	24-Apr-21	7:52	8:41										
33	24-Apr-21	7:52	8:41			Tanker	Qty 6. At 35 minutes, "2 pickups and 6 tankers. Video 3798; Caribou group ran when two tankers were adjacent at 300 m going 10 km/h. No post convoy survey as group out of sight. Can make out larger group that crossed >1 km east on hill foraging."						
34	25-Apr-21	12:52	13:29										
35	25-Apr-21	14:32	15:04										
36	26-Apr-21	8:15	9:00										
37	26-Apr-21	9:32	9:50			Light Truck, Tankers, and Snow Ploughs	Qty 2. Qty 6. Qty 1 Disturbance survey, Convoy passing, 6 tankers, two pickups, one snow plough, Video IMG 5495.mov						
38	26-Apr-21	9:52	10:26										
39	26-Apr-21	13:54	14:29										

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 15	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
22	21-Apr-21	13:02	13:42										
23	22-Apr-21	16:20	16:52										
24	23-Apr-21	8:56	9:33							Light Truck	Qty 2. Only 15 in sight (of original group) still by time convoy passed and >700 m from road. Those remaining continued walking no alert behaviour, 2 pickup, 4 tanker, 2 tractor (no trailer). Took a video of different group foraging closer to convoy 2397		
25	23-Apr-21	9:34	9:40										
26	23-Apr-21	10:17	10:54										
27	23-Apr-21	11:11	11:52										
28	23-Apr-21	11:15	11:55										
29	23-Apr-21	12:41	13:19										
30	23-Apr-21	12:45	13:10										
31	23-Apr-21	14:46	15:25										
32	24-Apr-21	7:52	8:41										
33	24-Apr-21	7:52	8:41										
34	25-Apr-21	12:52	13:29										
35	25-Apr-21	14:32	15:04										
36	26-Apr-21	8:15	9:00										
37	26-Apr-21	9:32	9:50										
38	26-Apr-21	9:52	10:26										
39	26-Apr-21	13:54	14:29										

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
22	21-Apr-21	13:02	13:42			Subset
23	22-Apr-21	16:20	16:52			
24	23-Apr-21	8:56	9:33			Convoy Monitoring Part (1/2) "Pre-Disturbance"
25	23-Apr-21	9:34	9:40			Convoy Monitoring Part (2/2) "Post-Disturbance"
26	23-Apr-21	10:17	10:54			Road height 0,2 m.
27	23-Apr-21	11:11	11:52			
28	23-Apr-21	11:15	11:55			Road is only 0,25 m above tundra, gradual slope
29	23-Apr-21	12:41	13:19			
30	23-Apr-21	12:45	13:10			Road height: 0,25 m [above tundra]
31	23-Apr-21	14:46	15:25			Road height: 0,25 m [above tundra]
32	24-Apr-21	7:52	8:41			Subset; (Part 1/2) Road height: 0,1 m almost even with tundra.
33	24-Apr-21	7:52	8:41			Cont'd from previous survey (Part 2/2) :
34	25-Apr-21	12:52	13:29			Subset
35	25-Apr-21	14:32	15:04			Subset
36	26-Apr-21	8:15	9:00			Convoy; Pre-Disturbance (1 of 3)
37	26-Apr-21	9:32	9:50			Convoy; Disturbance (2 of 3)
38	26-Apr-21	9:52	10:26			Convoy; Post Disturbance (3 of 3)
39	26-Apr-21	13:54	14:29			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event
40	26-Apr-21	14:51	15:25	BHJ	N/A	-96.3420361	64.88450478	N/A	N/A	AWAR 78 KM	100-300	N/A	220	W	N	N/A	26	N/A	N/A	-16	25	N/A	8
41	29-Apr-21	8:06	8:41	Michael Schumacher	N/A	-96.0668	65.0956667	N/A	N/A	Amaruq 119 KM	300-1000	N/A	30	Both	Y	101-200	144	N/A	N/A	-15	30	N/A	N/A
42	29-Apr-21	9:05	9:40	Michael Schumacher	N/A	-96.06705	65.0956667	N/A	N/A	Amaruq KM 119	300-1000	N/A	360	E	N	N/A	17	N/A	N/A	-10	30	N/A	N/A
43	29-Apr-21	9:55	10:01	Michael Schumacher	N/A	-96.06705	65.0956667	N/A	N/A	Amaruq KM 119	300-1000	N/A	360	E	N	N/A	17	N/A	N/A	-10	30	N/A	N/A
44	29-Apr-21	10:04	10:36	Michael Schumacher	N/A	-96.0670667	65.0958333	N/A	N/A	Amaruq KM 119	300-1000	N/A	360	E	N	N/A	17	N/A	N/A	-14	30	N/A	N/A
45	29-Apr-21	14:56	14:59	Michael Schumacher, Nicolas Saucier	N/A	-96.13151667	65.15875	N/A	N/A	Amaruq KM 128	300-1000	N/A	220	W	N	N/A	15	N/A	N/A	-8	40	N/A	N/A
46	29-Apr-21	15:00	15:03	Michael Schumacher	N/A	-96.13151667	65.15875	N/A	N/A	Amaruq KM 128	300-1000	N/A	220	W	N	N/A	15	N/A	N/A	-8	40	N/A	N/A
47	29-Apr-21	15:04	15:31	Michael Schumacher, Nicolas Saucier	N/A	-96.13151667	65.15875	N/A	N/A	Amaruq KM 128	300-1000	N/A	220	W	N	N/A	15	N/A	N/A	-8	40	N/A	N/A
48	30-Apr-21	8:46	9:13	KN	N/A	-96.2150488	65.00686005	N/A	N/A	AWAR KM 83	300-1000	N/A	270	W	N	50-100	94	N/A	N/A	-14	17	N/A	2
49	30-Apr-21	12:12	13:00	Laurence Archambault	N/A	-96.6219049	65.400857	N/A	N/A	Amaruq KM 178	100-300	N/A	15	W	N	N/A	16	N/A	N/A	-11	7	N/A	2
50	1-May-21	7:21	7:50	KN	N/A	-96.14066079	65.0565147	N/A	N/A	AWAR KM 102	0-50	N/A	90	E	N	N/A	7	N/A	N/A	-16	41	N/A	3
51	1-May-21	8:10	8:44	KN	N/A	-96.14069594	65.05654176	N/A	N/A	AWAR 98 KM	100-300	N/A	280	E	N	N/A	24	N/A	N/A	-16	41	N/A	3
52	1-May-21	9:09	9:27	Michael Schumacher	N/A	-96.06186667	64.44618333	N/A	N/A	AWAR KM 16	>1000	N/A	270	W	N	50-100	64	N/A	N/A	-13	37	N/A	N/A
53	1-May-21	9:15	9:22	KN	N/A	-96.18205443	65.03578425	N/A	N/A	AWAR KM 88	300-1000	N/A	280	W	N	50-100	24	N/A	N/A	-16	41	N/A	3
54	1-May-21	9:23	9:32	KN	N/A	-96.1598356	65.0314995	N/A	N/A	AWAR KM 98	300-1000	N/A	280	W	N	N/A	24	N/A	N/A	-16	41	N/A	3
55	1-May-21	9:51	10:16	Michael Schumacher	N/A	-96.0928333	64.46261667	N/A	N/A	AWAR KM 20	100-300	N/A	280	Both	Y	N/A	5	N/A	N/A	-14	40	N/A	N/A
56	1-May-21	10:28	10:46	Michael Schumacher	N/A	-96.0928333	64.46261667	N/A	N/A	AWAR KM 24	300-1000	N/A	320	W	N	N/A	10	N/A	N/A	-14	40	N/A	N/A
57	2-May-21	8:05	8:33	KN	N/A	-96.08194987	65.03001163	N/A	N/A	AWAR KM 106	0-50	N/A	90	E	N	N/A	16	N/A	N/A	-6	39	N/A	4

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Walking_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3	
40	26-Apr-21	14:51	15:25	Mostly Sunny	N/A	0	8	Flags, Road	2	0	0	24	0	0			IMG 0999	4	0	4	22	0	0	Quickly travelling north	IMG 1000
41	29-Apr-21	8:06	8:41	N/A	N/A	N/A	3	N/A	19	3	0	0	0	0	Pre-convoy monitoring period. 8 individuals not in monitored subset crossed west to east.	IMG 3907	19	3	0	0	0	0		IMG 3908	
42	29-Apr-21	9:05	9:40	N/A	N/A	N/A	3	N/A	17	0	0	0	0	0	No photo writing notes and on radio. Group different than previous behaviour survey. Needed to find another group to monitor convoy disturbance since previous went out of sight.		17	0	0	0	0	0		IMG 3920	
43	29-Apr-21	9:55	10:01	N/A	N/A	N/A	3	N/A	17	0	0	0	0	0	Convoy passing.	Video 3931	17	0	0	0	0	0			
44	29-Apr-21	10:04	10:36	N/A	N/A	N/A	3	N/A	17	0	0	0	0	0	Post convoy	IMG 3932	17	0	0	0	0	0		IMG 3933	
45	29-Apr-21	14:56	14:59	N/A	N/A	N/A	7	N/A	15	0	0	0	0	0	Pre convoy	IMG 3940	15	0	0	0	0	0	Convoy in view. Last observation of pre-convoy.	IME 3941	
46	29-Apr-21	15:00	15:03	N/A	N/A	1	7	N/A	12	0	0	0	3	0	During convoy, no photo or video, 2 tankers, 4 pickup, 1 emulsion , 2 cubes, 3 buses		12	0	0	0	3	0	No photo no video, Last observation convoy passed		
47	29-Apr-21	15:04	15:31	N/A	N/A	1	7	N/A	13	0	0	2	0	0	Post-Convoy	IMG 3942	13	0	0	2	0	0	Some individuals on top of a hill.	IMG 3943	
48	30-Apr-21	8:46	9:13	Sunny	N/A	1	1	N/A	0	0	0	94	0	0	Predisturbance survey		0	0	0	94	0	0	Snowplough went by, they kept walking		
49	30-Apr-21	12:12	13:00	Sunny	N/A	N/A	N/A	N/A	16	0	0	0	0	0			16	0	0	0	0	0			
50	1-May-21	7:21	7:50	High Winds	N/A	1	1	None	0	7	0	0	0	0	Pre-disturbance survey. But group left before convoy.		0	7	0	0	0	0			
51	1-May-21	8:10	8:44	N/A	N/A	1	1	N/A	0	0	0	24	0	0	Predisturbance survey		5	0	0	19	0	0			
52	1-May-21	9:09	9:27	N/A	N/A	N/A	3	N/A	20	0	0	0	0	0		IMG 4322	20	0	0	0	0	0		IMG 4323	
53	1-May-21	9:15	9:22	Blowing Snow	N/A	1	1	N/A	0	0	0	17	3	4	Disturbance Survey, Caribou walking/trotting away from the road (going West)		2	0	0	22	0	0	Walking away from road, not alert anymore. Convoy lasted about 3 minutes.		
54	1-May-21	9:23	9:32	Cloudy/foggy	N/A	1	1	N/A	0	0	0	24	0	0	Post-Disturbance survey. Convoy just went by.		0	0	0	4	0	0	Rest of the group went behind the hill		
55	1-May-21	9:51	10:16	N/A	N/A	N/A	4	N/A	3	0	0	2	0	0	Walking are moving south parallel the road about 200 m away.	IMG 4327	0	0	0	5	0	0		IMG 4399	
56	1-May-21	10:28	10:46	N/A	N/A	N/A	4	N/A	0	0	0	10	0	0		IMG 4529	0	0	0	8	0	2		IMG 4530	
57	2-May-21	8:05	8:33	Cloudy	N/A	3	5	Berm of rocks, sea can, Other side of road is tallings. Very close to site	0	16	0	0	0	0	Pre disturbance survey, they are very close to site (between MBK and ELMR) this part of road is open.		0	16	0	0	0	0	Snowblower, grader, pickup went by, they didn't get up but were curious		

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12		
40	26-Apr-21	14:51	15:25	0	0	0	26	0	0		IMG 1001	0	0	0	26	0	0			IMG 1002	0	0	3	22	0	1		IMG 1003	
41	26-Apr-21	8:06	8:41	19	3	0	0	0	0	3 more caribou moving to cross north of subset group. Actually crossing point blocked by hill.	IMG 3909	18	4	0	0	0	0			IMG 3910	18	4	0	0	0	0		IMG 3911	
42	26-Apr-21	9:05	9:40	17	0	0	0	0	0		IMG 3921	17	0	0	0	0	0			IMG 3922	17	0	0	0	0	No photo started video for convoy but it ended up stopping as had caribou crossing. Individual moving to join observed group. Crossing out of sight.			
43	26-Apr-21	9:55	10:01	17	0	0	0	0	0	Convoy passed by after ~8 minutes		0	0	0	0	0	0				0	0	0	0	0				
44	26-Apr-21	10:04	10:36	17	0	0	0	0	0		IMG 3934	17	0	0	0	0	0	No alarm reaction from group.		IMG 3935	17	0	0	0	0	0	First observation after second convoy passed.	IMG 3936	
45	26-Apr-21	14:56	14:59	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0				
46	26-Apr-21	15:00	15:03	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0				
47	26-Apr-21	15:04	15:31	15	0	0	0	0	0		IMG 3944	15	0	0	0	0	0			IMG 3945	15	0	0	0	0	0		IMG 3946	
48	30-Apr-21	8:46	9:13	0	0	0	94	0	0	Snow Plough went by, some seemed alert		0	0	0	33	0	5	Snow Plough going back north; part of group behind hill			0	0	0	40	0	10	Part of group behind hill		
49	30-Apr-21	12:12	13:00	9	0	0	4	0	0			7	0	0	0	0	0				9	0	0	0	0	0			
50	1-May-21	7:21	7:50	0	7	0	0	0	0			0	7	0	0	0	0				0	7	0	0	0	0			
51	1-May-21	8:10	8:44	18	0	0	6	0	0	Snow blower went by at 8:21		6	0	0	16	0	2	8:22 Snow Plough went by			0	0	0	17	0	0	7 behind hill, moved the pickup closer to see them		
52	1-May-21	9:09	9:27	9	0	0	11	0	0	Some of subset starting to walk south following other of total group.	IMG 4324	0	0	0	5	0	0	Most of group has gone out of site behind the hill with remainder following.		IMG 4325	0	0	0	0	0	No photo. No caribou from subset or total group in view. All moved south behind hill. Monitoring period ended.			
53	1-May-21	9:15	9:22	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0				
54	1-May-21	9:23	9:32	0	0	0	4	0	0	Rest of the group behind the hill		0	0	0	0	0	0	Tried following the caribous but didn't see them, they went behind hill			0	0	0	0	0				
55	1-May-21	9:51	10:16	1	0	0	4	0	0		IMG 4472	0	0	0	3	0	2	Road crossing of all five during 3 minute period west to east behind truck.		IMG 4488 4496, Video 4507	0	0	0	5	0	Crossed road and heading east.	IMG 4508		
56	1-May-21	10:28	10:46	0	0	0	10	0	0		IMG 4533	0	0	0	4	0	0	Remainder of group continued south along road. Now out of sight from truck. Last 4 will soon be out of sight as well.		IMG 4534	0	0	0	3	0	1	Group moving out of view behind hill.	IMG 4535	
57	2-May-21	8:05	8:33	0	0	16	0	0	0	Loader went by, 2 caribous got up, 1 min later, they all got up alert, not sure why, no vehicles.		0	16	0	0	0	0	They moved about 25 meters and lied down again			0	16	0	0	0	Pick up went by 8:15, they did not move			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Trotting/Running_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
40	26-Apr-21	14:51	15:25	0	0	1	25	0	0		IMG 1004	0	0	0	26	0	0			IMG 1005	0	0	26	0	0			IMG 1006
41	29-Apr-21	8:06	8:41	18	4	0	0	0	0	No photo prepping for pickup passing.		15	7	0	0	0	0	After pickup passing.		IMG 3913	7	15	0	0	0			IMG 3914
42	29-Apr-21	9:05	9:40	17	0	0	0	0	0	No photo started video for convoy but it ended up stopping as had caribou crossing. Individual moving to join observed group. Crossing out of sight.		17	0	0	0	0	0	Photo 3925 can see some just after crossing near convoy as mentioned in previous comments.	IMG 3924	17	0	0	0	0	0		IMG 3927	
43	29-Apr-21	9:55	10:01	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
44	29-Apr-21	10:04	10:36	17	0	0	0	0	0		IMG 3937	17	0	0	0	0	0		IMG 3938	0	0	0	0	0	0	Group not visible to due blowing snow. Obscured on top of hill.		
45	29-Apr-21	14:56	14:59	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
46	29-Apr-21	15:00	15:03	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
47	29-Apr-21	15:04	15:31	15	0	0	0	0	0		IMG 3947	15	0	0	0	0	0			IMG 3948	15	0	0	0	0		IMG 3949	
48	30-Apr-21	8:46	9:13	0	0	0	33	0	5	Part of group behind the hill		0	0	0	24	2	0	Didn't have time to finish the 30 minutes survey before the convoy went by. Part of group behind hill			0	0	9	0	0	Post disturbance survey. Most of group behind hill		
49	30-Apr-21	12:12	13:00	7	0	0	0	0	0			8	0	0	0	0	0				9	0	0	0	0			
50	1-May-21	7:21	7:50	0	7	0	0	0	0			0	7	0	0	0	0				0	7	0	0	0			
51	1-May-21	8:10	8:44	0	0	0	9	0	0	Rest of group behind hill		10	0	0	0	0	0	Rest of group behind hill			0	0	12	0	0	Rest of group behind hill		
52	1-May-21	9:09	9:27	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
53	1-May-21	9:15	9:22	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
54	1-May-21	9:23	9:32	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
55	1-May-21	9:51	10:16	0	0	0	5	0	0		IMG 4509	0	0	0	5	0	0		IMG 4511	0	0	0	5	0	0	No photo due to distance and blowing snow. Can make out with binoculars.		
56	1-May-21	10:28	10:46	0	0	0	0	0	0	No photo. All 10 of group out of view. Survey complete.		0	0	0	0	0	0				0	0	0	0	0			
57	2-May-21	8:05	8:33	0	16	0	0	0	0	Pick up went by, they did not move, just lift their heads		0	16	0	0	0	0				0	16	0	0	0			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_24	Lying Down_24	Standing_24	Walking_24	Alert_24	Trotting/Running_24	Comments_24	Photo Number_24	Feeding_27	Lying Down_27	Standing_27	Walking_27	Alert_27	Trotting/Running_27	Comments_27	Photo Number_27	Feeding_30	Lying Down_30	Standing_30	Walking_30	Alert_30	Trotting/Running_30	Comments_30	Photo Number_30	
40	26-Apr-21	14:51	15:25	0	0	0	24	4	0		IMG 1008	0	0	0	10	0	0	Herd is moving out of sight behind hill	IMG 1009	0	0	0	5	0	0		IMG 1010	
41	26-Apr-21	8:06	8:41	16	6	0	0	0	0		IMG 3915	16	6	0	0	0	0		IMG 3916	15	7	0	0	0	0		IMG 3917	
42	29-Apr-21	9:05	9:40	17	0	0	0	0	0		IMG 3928	17	0	0	0	0	0	About 50 have crossed north of target group and going behind hill where likely more are present out of sight.	IMG 3929	17	0	0	0	0	0	Convo still waiting for caribou crossing around km121. Will do convo disturbance when they move again.	IMG 3930	
43	29-Apr-21	9:55	10:01	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
44	29-Apr-21	10:04	10:36	6	0	0	0	0	0	No photo due to blowing snow obscuring. Can make out silhouette of 6 foraging.		6	0	0	0	0	0	No photo due to blowing snow obscuring. Can make out silhouette of 6 foraging.			9	0	1	0	0	No photo still can only make of silhouettes through binoculars.		
45	29-Apr-21	14:56	14:59	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
46	29-Apr-21	15:00	15:03	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0		Tankers Light Truck	
47	29-Apr-21	15:04	15:31	14	0	0	1	0	0		IMG 3950	0	0	0	0	0	0	Group moved out of sight			0	0	0	0	0			
48	30-Apr-21	8:46	9:13	0	0	0	0	0	0	All the group went behind the hill		0	0	0	0	0	0				0	0	0	0	0			
49	30-Apr-21	12:12	13:00	9	0	2	0	0	0			6	0	0	4	0	0				9	0	0	1	0	0		
50	1-May-21	7:21	7:50	0	7	0	0	0	0			0	7	0	0	0	0				0	7	0	0	0	0	4 Caribou crossed the road at 8:00, before convo arrived. 3 walked on road and returned on west side.	
51	1-May-21	8:10	8:44	0	0	0	12	0	0	Rest of group behind hill		6	0	0	6	0	0				0	0	0	14	0	0	Had to move the truck about 800m to follow/see them. Waiting for convo	
52	1-May-21	9:09	9:27	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
53	1-May-21	9:15	9:22	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
54	1-May-21	9:23	9:32	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
55	1-May-21	9:51	10:16	0	0	0	0	0	0	No photo. Group not visible due to distance and blowing snow. Survey end.		0	0	0	0	0	0				0	0	0	0	0	0		
56	1-May-21	10:28	10:46	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
57	2-May-21	8:05	8:33	0	16	0	0	0	0			0	16	0	0	0	0	Fuel truck went to Exple camp. It went by at 8:28. They looked at it but did not move.			0	16	0	0	0			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
40	26-Apr-21	14:51	15:25										
41	29-Apr-21	8:06	8:41										
42	29-Apr-21	9:05	9:40										
43	29-Apr-21	9:55	10:01					Convoy					
44	29-Apr-21	10:04	10:36					Light Truck	Qty 4: 3 crew bus, cube truck, small fuel truck, Caribou group foraged throughout the passing ~3 min. Video 3935				
45	29-Apr-21	14:56	14:59			Snow Plough	Qty 1: Snow plough						
46	29-Apr-21	15:00	15:03	2 tankers, 4 pickup, 1 emulsion, 2 cubes, 3 buses									
47	29-Apr-21	15:04	15:31										
48	30-Apr-21	8:46	9:13			Snow Plough	Qty 1: Snow Plough, Snow Plough went South and then turned around about 400meters further and went by again going North						
49	30-Apr-21	12:12	13:00										
50	1-May-21	7:21	7:50										
51	1-May-21	8:10	8:44					Snow Plough	Qty 1: Snow Plough, His beacon off and going 10km/h				
52	1-May-21	9:09	9:27										
53	1-May-21	9:15	9:22	Tankers	Qty 4								
54	1-May-21	9:23	9:32										
55	1-May-21	9:51	10:16										
56	1-May-21	10:28	10:46										
57	2-May-21	8:05	8:33	Grader, Snow Blower, Light Truck	Qty 1; Qty 1; Qty 1			Loader	Qty 1			Light Truck	Qty 1

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 15	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
40	26-Apr-21	14:51	15:25										
41	26-Apr-21	8:06	8:41	Light Truck	Qty 1: Video iPhone of subset and video 3912 of passing caribou north of subset group. Little reaction from either group. Vehicle at 5 km/h					Snow Plough	Qty 1: Snow Plough IMG 1007		
42	26-Apr-21	9:05	9:40										
43	28-Apr-21	9:55	10:01										
44	29-Apr-21	10:04	10:36										
45	29-Apr-21	14:56	14:59										
46	29-Apr-21	15:00	15:03										
47	29-Apr-21	15:04	15:31										
48	30-Apr-21	8:46	9:13										
49	30-Apr-21	12:12	13:00										
50	1-May-21	7:21	7:50										
51	1-May-21	8:10	8:44										
52	1-May-21	9:09	9:27										
53	1-May-21	9:15	9:22										
54	1-May-21	9:23	9:32										
55	1-May-21	9:51	10:16										
56	1-May-21	10:28	10:46										
57	2-May-21	8:05	8:33			Light Truck	Qty 1					Fuel Truck	Qty 1

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
40	26-Apr-21	14:51	15:25			Road height [above tundra] = 0.25 m.
41	26-Apr-21	8:06	8:41			Convoy, Pre-Disturbance (survey 1 of 4), Road height [above tundra] = 0.2 m.
42	26-Apr-21	9:05	9:40			Convoy, Passing (2 of 4), Road height [above tundra] = 0.2 m.
43	26-Apr-21	9:55	10:01			Convoy, Passing (3 of 4), Road height [above tundra] = 0.2 m.
44	26-Apr-21	10:04	10:36			Convoy, Post-Disturbance (4 of 4) Road height [above tundra] = 0.2 m.
45	26-Apr-21	14:56	14:59			Convoy, Pre-Disturbance (1 of 3), Road height [above tundra] = 0.2 m.
46	26-Apr-21	15:00	15:03			During Convoy (2 of 3), Road height [above tundra] = 0.2 m.
47	26-Apr-21	15:04	15:31			Convoy, Post-Disturbance (3 of 3) Road height [above tundra] = 0.2 m.
48	30-Apr-21	8:46	9:13			
49	30-Apr-21	12:12	13:00			
50	1-May-21	7:21	7:50			
51	1-May-21	8:10	8:44			
52	1-May-21	9:09	9:27			Subset, Road height: 0.25 m [above tundra]
53	1-May-21	9:15	9:22			Subset, Convoy, Passing
54	1-May-21	9:23	9:32			Convoy, Post-Disturbance
55	1-May-21	9:51	10:16			Road height: 0.3 m [above tundra]
56	1-May-21	10:28	10:46			Road height: 0.1 m [above tundra]
57	2-May-21	8:05	8:33			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event
58	2-May-21	9:00	9:30	KN	N/A	-96,08196854	65,0300298	N/A	N/A	AWAR KM 106	0-50	N/A	90	E	N	N/A	7	N/A	N/A	-6	39	N/A	4
59	2-May-21	9:35	9:35	KN	N/A	-96,12904028	65,05358363	N/A	N/A	AWAR KM 102	100-300	N/A	45	E	N	N/A	7	N/A	N/A	-6	39	N/A	4
60	2-May-21	9:36	9:52	KN	N/A	-96,12897273	65,05355163	N/A	N/A	AWAR KM 102	51-100	N/A	75	W	N	N/A	7	N/A	N/A	-6	39	N/A	4
61	2-May-21	11:01	11:33	Michael Schumacher	N/A	-96,08186667	64,45973333	N/A	N/A	AWAR KM 18	300-1000	N/A	290	W	N	50-100	63	N/A	N/A	-2	37	N/A	N/A
62	2-May-21	14:11	14:28	KN	N/A	-96,12528603	64,50197795	N/A	N/A	AWAR KM 23	300-1000	N/A	0	W	N	N/A	22	N/A	N/A	-6	39	N/A	N/A
63	2-May-21	14:32	15:07	KN	N/A	-96,14292502	64,51103665	N/A	N/A	AWAR KM 23	>1000	N/A	270	W	N	N/A	22	N/A	N/A	-6	39	N/A	40
64	2-May-21	14:40	14:01	KN	N/A	-96,14004968	64,50951526	N/A	N/A	AWAR KM 23	>1000	N/A	270	W	N	N/A	22	N/A	N/A	-6	39	N/A	4
65	3-May-21	9:51	10:15	Laurence Archambault	N/A	-96,07144425	65,02306537	N/A	N/A	AWAR KM 92	>1000	N/A	45	W	N	N/A	22	N/A	N/A	0	14	N/A	0
66	3-May-21	10:51	11:21	Laurence Archambault	N/A	-96,326908	64,820318	N/A	N/A	AWAR KM 68	300-1000	N/A	5	W	N	N/A	8	N/A	N/A	1	12	N/A	0
67	3-May-21	13:52	14:21	Laurence Archambault	N/A	-96,418353	65,227863	N/A	N/A	Amaruq KM 147	0-50	N/A	-90	W	N	N/A	5	N/A	N/A	1	11	N/A	0
68	3-May-21	14:21	14:39	Laurence Archambault	N/A	-96,42545428	65,22329633	N/A	N/A	Amaruq KM 147	300-1000	N/A	-85	W	N	N/A	6	N/A	N/A	1	11	N/A	0
69	4-May-21	8:57	9:09	LA, CM	N/A	-96,66882869	65,407491	N/A	N/A	Amaruq KM 177	300-1000	N/A	15	W	N	50-100	55	N/A	N/A	0	6	N/A	0
70	4-May-21	10:00	10:30	KN	N/A	-96,12289266	64,4981587	N/A	N/A	AWAR KM 22	300-1000	N/A	285	W	N	50-100	42	N/A	N/A	1	8	N/A	1
71	4-May-21	10:09	10:40	LA, CM	N/A	-96,412072	65,303324	N/A	N/A	Amaruq KM 161	300-1000	N/A	5	W	N	N/A	35	N/A	N/A	1	9	N/A	0
72	4-May-21	10:35	11:05	KN	N/A	-96,14245646	64,51078707	N/A	N/A	AWAR KM 24	300-1000	N/A	280	W	N	N/A	10	N/A	N/A	1	8	N/A	1
73	5-May-21	10:53	11:20	KN	N/A	-96,08011705	64,45453109	N/A	N/A	AWAR KM 16	300-1000	N/A	90	W	N	N/A	25	N/A	N/A	0	13	N/A	1
74	5-May-21	13:26	14:10	OJ, KAK	N/A	-96,6219049	65,400867	N/A	N/A	Amaruq 178 KM	51-100	N/A	45	W	N	N/A	49	N/A	N/A	0	N/A	N/A	N/A
75	6-May-21	12:17	12:42	LA, CM	N/A	-96,6447081	65,40512733	N/A	N/A	Amaruq 178 KM	100-300	N/A	45	W	N	N/A	20	N/A	N/A	N/A	N/A	N/A	1
76	6-May-21	12:42	13:14	LA, CM	N/A	-96,64470832	65,40514461	N/A	N/A	Amaruq 178 KM	100-300	N/A	85	W	N	N/A	20	N/A	N/A	N/A	N/A	N/A	N/A
77	6-May-21	13:52	14:31	OJ, KAK	N/A	-96,240467	64,568749	N/A	N/A	AWAR 34 KM	300-1000	N/A	340	W	N	N/A	41	N/A	N/A	-1	37	N/A	0
78	6-May-21	14:47	15:17	OJ, KAK	N/A	-96,26200125	64,58060255	N/A	N/A	AWAR 39 KM	300-1000	N/A	330	W	N	N/A	10	N/A	N/A	-1	37	N/A	0

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Walking_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3
58	2-May-21	9:00	9:30	Cloudy	N/A	1	2	N/A	7	0	0	0	0	0	Pre disturbance survey, maybe the same group as yesterday, they are at same place		7	0	0	0	0	0		
59	2-May-21	9:35	9:35	Light Snow	N/A	1	2	N/A	5	0	0	0	2	0	During convoy survey.		5	0	0	0	0	2	2 caribous ran to join the rest of group on top of hill. Convoy lasted 2.45	
60	2-May-21	9:36	9:52	Light Snow	N/A	1	2	N/A	4	0	0	3	0	0	Post disturbance survey, 4 caribous on hill 3 foraging bottom hill. During convoy the 3 foraging ran up to join rest of group		7	0	0	0	0	0		
61	2-May-21	11:01	11:33	N/A	N/A	N/A	4	N/A	0	0	0	38	0	0	Group moving south parallel road at ~350 m.	IMG 4536	0	0	0	38	0	0		IMG 4537
62	2-May-21	14:11	14:28	N/A	N/A	1	1	N/A	0	0	0	22	0	0			0	0	0	22	0	0		
63	2-May-21	14:32	15:07	N/A	N/A	1	1	N/A	5	0	0	14	3	0	During convoy survey, Convoy lasted 6 minutes.		0	0	0	19	0	3	Group far from road, some lift their heads to see. Some trotted, but they were going down a hill so hard to say if it was because of disturbance	
64	2-May-21	14:40	14:01	Snow melting quickly	N/A	1	1	N/A	0	0	0	17	0	0	Post disturbance survey. Can't see the 5 others, behind hill		0	0	0	17	0	0	Can't see the 5 others.	
65	3-May-21	9:51	10:15	Light Snow	N/A	N/A	N/A	N/A	0	0	0	22	0	0			0	0	0	22	0	0		
66	3-May-21	10:51	11:21	Light Snow	N/A	N/A	N/A	N/A	1	7	0	0	0	0	Convoy passed by ~15minutes before		1	7	0	0	0	0	Pick up passed by	
67	3-May-21	13:52	14:21	Light Snow	N/A	N/A	N/A	N/A	5	0	0	0	0	0			4	0	0	0	1	0		
68	3-May-21	14:21	14:39	Light Snow	N/A	N/A	N/A	N/A	0	0	0	0	6	0	During passing of convoy. Stand up, alert and walked further W		0	0	6	0	0	0		
69	4-May-21	8:57	9:09	Light Snow and Fog	N/A	N/A	N/A	N/A	55	0	0	0	0	0			55	0	0	0	0	0		
70	4-May-21	10:00	10:30	Very foggy in morning. Light snow in afternoon and snow yesterday.	N/A	0	0	"Height: 0.4 and Width 0.5"	37	0	0	14	0	0			32	0	0	19	0	0		
71	4-May-21	10:09	10:40	Light Snow and Fog	N/A	N/A	N/A	Bridge near	0	0	6	0	0	0			0	0	0	0	0	20		
72	4-May-21	10:35	11:05	Very foggy in morning. Light snow in afternoon and snow yesterday.	N/A	1	2	N/A	0	0	0	12	0	0	Walking South		0	0	0	11	0	1	6 ran at 10:37. Don't know why	
73	5-May-21	10:53	11:20	Light Snow at the end of the Day	N/A	1	2	Emergency sea can and big green sign that says to charge channel.	0	0	0	23	0	0	Walking South		0	0	0	23	0	0	Going North West	
74	5-May-21	13:26	14:10	N/A	N/A	N/A	N/A	None	48	0	0	2	0	0		IMG 3058 and 3059, KAK Camera	48	0	1	1	0	0		IMG 3060 & 3061
75	6-May-21	12:17	12:42	N/A	N/A	N/A	N/A	N/A	6	12	0	0	2	0	Before blast		7	13	0	0	0	0		
76	6-May-21	12:42	13:14	N/A	N/A	N/A	N/A	N/A	0	20	0	0	0	0	During blast.		0	5	0	1	0	0	Other left because of LHT	
77	6-May-21	13:52	14:31	Overcast	N/A	N/A	N/A	None	0	38	3	0	0	0			0	38	0	3	0	0		IMG 3450 to 3455
78	6-May-21	14:47	15:17	Overcast but a bit foggy	N/A	N/A	N/A	Radio Tower	10	0	0	0	0	0		IMG 3486	9	0	0	1	0	0		IMG 3487 & 3488

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12	
58	2-May-21	9:00	9:30	2	0	0	5	0	0	Snow Plough went by at 9:05. 5 caribous started to walk in opposite direction of road		0	0	0	4	0	3	Fuel truck went by. They trotted/walked away from road (150-200meters from road)			4	0	3	0	0	0	4 caribous stayed closer to road foraging (150m) the others went further	
59	2-May-21	9:35	9:35	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
60	2-May-21	9:36	9:52	7	0	0	0	0	0			7	0	0	0	0	0				7	0	0	0	0			
61	2-May-21	11:01	11:33	0	0	0	38	0	0	Group moved behind hill but should be back in view in few minutes	IMG 4599	0	0	0	0	0	0	No photo. Total group in view but not subset. Total group still walking south.			0	0	0	0	0	No photo. Total group in view but not subset. Total group still walking south.		
62	2-May-21	14:11	14:28	0	0	22	0	0	0	Walking North, parallel to road		0	0	0	22	0	0				0	0	0	22	0	0		
63	2-May-21	14:32	15:07	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
64	2-May-21	14:40	14:01	0	0	0	17	0	0	Can't see 5 others. Behind hill		0	0	0	17	0	0	Can't see the other 5 caribous, behind hill			0	0	0	17	0	0	Can't see the other 5, not sure where they went.	
65	3-May-21	9:51	10:15	0	0	22	0	0	0			0	0	0	20	2	0	Convoy passed by			0	0	0	21	1	0	Snowplough passed by	
66	3-May-21	10:51	11:21	1	7	0	0	0	0			1	7	0	0	0	0				1	7	0	0	0	0		
67	3-May-21	13:52	14:21	1	0	0	2	0	0	Convoy southbound passed by, caribou filed		0	0	2	3	0	0	About 300m further W because of convoy			0	0	0	4	2	0		
68	3-May-21	14:21	14:39	0	0	6	0	0	0			0	0	0	6	0	0				0	0	0	3	0	0	Almost not visible anymore	
69	4-May-21	8:57	9:09	55	0	0	0	0	0			0	0	0	0	0	55	All started to run away. No disturbance seen			0	0	0	0	0	0		
70	4-May-21	10:00	10:30	25	0	0	26	0	0	Walking direction : South		16	0	0	35	0	0				3	0	1	47	0	0	Walked south east and then started foraging again	
71	4-May-21	10:09	10:40	5	0	0	11	4	0			5	0	0	15	0	0				13	0	0	8	0	0		
72	4-May-21	10:35	11:05	5	0	0	7	0	0	There is another group of 30 caribous following them : walking South also. Same path.		0	0	0	12	0	0				7	0	0	5	0	0		
73	5-May-21	10:53	11:20	0	0	0	23	0	0	Walking in the pick up's direction. Possible they will go further from road because of pick up. It was only place where I could see them		0	0	0	25	0	0				0	0	0	18	0	0	Rest of group behind hill.	
74	5-May-21	13:26	14:10	27	0	0	25	0	0		IMG 3062 & 3063	38	0	0	6	0	0		IMG 3064 & 3065		28	0	0	1	0	0	23 walked over a ridge (calmly)	IMG 3066 & 3067
75	6-May-21	12:17	12:42	9	7	0	0	4	0			4	16	0	0	0	0				3	16	0	0	1	0		
76	6-May-21	12:42	13:14	0	2	0	5	1	0	LHT passed		0	2	0	8	0	0	LHT passed by			0	2	0	10	0	0		
77	6-May-21	13:52	14:31	0	33	1	7	0	0		IMG 3456 & 3457, starting to stand up after the observation	0	0	0	41	0	0		IMG 3458 to 3460, walking south		0	0	0	41	0	0	IMG 3461 to 3464, walking south	
78	6-May-21	14:47	15:17	6	0	2	2	0	0		IMG 3489	10	0	0	0	0	0		IMG 3490 & 3491		8	0	0	2	0	0	IMG 3492 & 3493	

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
58	2-May-21	9:00	9:30	5	1	1	1	0			4	1	0	0	0	0	2 others went behind hill			3	0	1	3	0	0		
59	2-May-21	9:35	9:35	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
60	2-May-21	9:36	9:52	0	0	0	0	0	Can't see them anymore, they went too far on top of hill		0	0	0	0	0	0				0	0	0	0	0	0		
61	2-May-21	11:01	11:33	0	0	38	0	0	Group back in sight.	IMG 4600	0	0	3	0	35	0	No apparent cause for galloping.	IMG 4601	0	0	38	0	0	0	0	IMG 4602	
62	2-May-21	14:11	14:28	0	0	22	0	0			0	0	17	0	0	Rest behind hill. Did not have time to finish 30 minutes survey before the convoy went by.			0	0	0	0	0	0			
63	2-May-21	14:32	15:07	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
64	2-May-21	14:40	14:01	0	0	0	17	0			0	0	0	0	0	0	Can't see the other 5, not sure where they went.			0	0	0	0	0	Still can't see them		
65	3-May-21	9:51	10:15	0	0	6	0	0	Majority out of sight		0	0	0	0	0	0	All out of sight			0	0	0	0	0	0		
66	3-May-21	10:51	11:21	1	7	0	0	0			1	7	0	0	0	0				0	1	0	7	0	0	Snowplough passed by	
67	3-May-21	13:52	14:21	0	6	0	0	0			0	6	0	0	0	0	Loader passed by. No reaction			0	6	0	0	0	0		
68	3-May-21	14:21	14:39	0	0	0	0	0	Out of sight		0	0	0	0	0	0				0	0	0	0	0	0		
69	4-May-21	8:57	9:09	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
70	4-May-21	10:00	10:30	17	0	34	0	0			23	0	0	28	0	0				31	0	0	20	0	0		
71	4-May-21	10:09	10:40	14	0	0	7	0			5	0	0	0	0	0				23	0	0	12	0	0		
72	4-May-21	10:35	11:05	2	0	10	0	0	The second group of 30 caribous is catching up the first group of 12 caribous		0	0	0	0	0	0	Behind hill can't see them			0	0	0	7	0	0	Moved the truck 300 meters south to see caribous behind hill. Can only see 8 out of 12.	
73	5-May-21	10:53	11:20	0	0	0	0	0	Group behind hill		0	0	0	23	0	0				1	0	14	8	0	0	10 caribous ran in opposite direction as they walking before at 11:13 because of a crow. They are Standing for 1 min. They started walking again in the same direction as beginning.	
74	5-May-21	13:26	14:10	25	0	0	0	0	27 walked over the ridge (calmly)	IMG 3068 & 3069	14	0	0	13	0	0	25 over the ridge	IMG 3070 & 3071	23	0	6	0	1	0	22 over the ridge	IMG 3072 & 3073	
75	6-May-21	12:17	12:42	2	18	0	0	0			1	19	0	0	0	0				0	20	0	0	0	0		
76	6-May-21	12:42	13:14	10	0	2	1	0			13	0	0	0	0	0				12	0	0	1	0	0		
77	6-May-21	13:52	14:31	1	0	2	38	0		IMG 3465 to 3468; walking south	2	0	1	38	0	0		IMG 3469 to 3476; walking south	2	0	1	38	0	0		IMG 3477 to 3480; walking south	
78	6-May-21	14:47	15:17	9	0	0	1	0		IMG 3494	7	0	0	3	0	0		IMG 3495; some movement after the disturbance	8	0	0	2	0	0		IMG 3496	

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_24	Lying Down_24	Standing_24	Walking_24	Alert_24	Trotting/Running_24	Comments_24	Photo Number_24	Feeding_27	Lying Down_27	Standing_27	Walking_27	Alert_27	Trotting/Running_27	Comments_27	Photo Number_27	Feeding_30	Lying Down_30	Standing_30	Walking_30	Alert_30	Trotting/Running_30	Comments_30	Photo Number_30	
58	2-May-21	9:00	9:30	3	0	0	3	0	2	1 more caribou appeared from behind hill		8	0	0	0	0	0	0			7	0	0	0	0	0		
59	2-May-21	9:35	9:35	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
60	2-May-21	9:36	9:52	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
61	2-May-21	11:01	11:33	0	0	0	38	0	0		IMG 4604	0	0	0	38	0	0			IMG 4605	0	0	38	0	0		IMG 4606	
62	2-May-21	14:11	14:28	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
63	2-May-21	14:32	15:07	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
64	2-May-21	14:40	14:01	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
65	3-May-21	9:51	10:15	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
66	3-May-21	10:51	11:21	0	0	3	5	0	0			0	0	0	7	0	0				0	0	0	0	0	Out of sight		
67	3-May-21	13:52	14:21	0	6	0	0	0	0			0	6	0	0	0	0				0	6	0	0	0			
68	3-May-21	14:21	14:39	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
69	4-May-21	8:57	9:09	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
70	4-May-21	10:00	10:30	40	0	0	11	0	0			23	0	0	14	0	14				36	0	0	15	0			
71	4-May-21	10:09	10:40	35	0	0	0	0	0			35	0	0	0	0	0				35	0	0	0	0			
72	4-May-21	10:35	11:05	0	0	8	0	0	0	Looking towards my pick up truck. The pick up is more than 1km away from caribous now.		0	0	0	8	0	0				0	0	0	8	0			
73	5-May-21	10:53	11:20	0	0	0	0	0	0	Group behind hill		0	0	0	0	0	0		Still behind hill		0	0	0	0	0			
74	5-May-21	13:26	14:10	14	4	0	0	0	0	34 over the ridge (probably resting)	IMG 3074 & 3075	0	3	2	15	0	0	Walking NW further from the ridge . another group has appeared and heading towards.	IMG 3076 to 3078	16	3	0	20	0	Walking W	IMG 3079 to 3082		
75	6-May-21	12:17	12:42	2	18	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
76	6-May-21	12:42	13:14	11	0	0	0	2	0			11	0	0	3	0	0				11	0	0	2	0			
77	6-May-21	13:52	14:31	7	0	0	34	0	0		IMG 3481, walking south	18	0	0	1	0	0		IMG 3482 to 3483, 22 went over a ridge		11	0	0	0	3	IMG 3484 and 3485, 27 over the ridge		
78	6-May-21	14:47	15:17	6	0	0	0	0	0		4 went behind the ridge	0	0	0	0	0	0				0	0	0	0	0			

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Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
58	2-May-21	9:00	9:30										
59	2-May-21	9:35	9:35	Convoy									
60	2-May-21	9:36	9:52										
61	2-May-21	11:01	11:33										
62	2-May-21	14:11	14:28										
63	2-May-21	14:32	15:07	Convoy									
64	2-May-21	14:40	14:01										
65	3-May-21	9:51	10:15										
66	3-May-21	10:51	11:21			Light Truck	Qty 1, Caribou didn't react						
67	3-May-21	13:52	14:21			Light Truck Tankers	Qty 2, Qty 4; (2 pickups, 2 tankers)						
68	3-May-21	14:21	14:39	Light Truck Heavy Equipment	Qty 3, Qty 5, Caribou stand up, alert								
69	4-May-21	8:57	9:09										
70	4-May-21	10:00	10:30										
71	4-May-21	10:09	10:40										
72	4-May-21	10:35	11:05										
73	5-May-21	10:53	11:20										
74	5-May-21	13:26	14:10										
75	6-May-21	12:17	12:42										
76	6-May-21	12:42	13:14	Heavy Equipment	Qty 1, LHT No reaction to Standing Up			Heavy Equipment	Qty 1, LHT Walking Away	Heavy Equipment	Qty 1, LHT		
77	6-May-21	13:52	14:31										
78	6-May-21	14:47	15:17										

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
58	2-May-21	9:00	9:30									
59	2-May-21	9:35	9:35									
60	2-May-21	9:36	9:52									
61	2-May-21	11:01	11:33									
62	2-May-21	14:11	14:28									
63	2-May-21	14:32	15:07									
64	2-May-21	14:40	14:01									
65	3-May-21	9:51	10:15									
66	3-May-21	10:51	11:21				Snow Plough	Qty 1: Caribou got up and moved				
67	3-May-21	13:52	14:21	Qty 1	Loader							
68	3-May-21	14:21	14:39									
69	4-May-21	8:57	9:09									
70	4-May-21	10:00	10:30									
71	4-May-21	10:09	10:40									
72	4-May-21	10:35	11:05									
73	5-May-21	10:53	11:20									
74	5-May-21	13:26	14:10		Light Truck	Qty 1: About 15 of them slightly trotted away and started walking right after. Went back to eating.						
75	6-May-21	12:17	12:42		Light Truck, Heavy Equipment	Qty 1: Qty 1: No reaction						
76	6-May-21	12:42	13:14		Heavy Equipment			Qty 1: LHT			Heavy Equipment	Qty 1: LHT
77	6-May-21	13:52	14:31									
78	6-May-21	14:47	15:17		Grader	Qty 1: Grader coming up the road ; cleaned the road around the radio tower ; the truck had to be moved ; back up alarms going off						

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
58	2-May-21	9:00	9:30			Convoy, Pre-Disturbance (1 of 3) Road height: 0.7 m [above tundra]
59	2-May-21	9:35	9:35			Convoy, Passing (2 of 3) Road height: 0.7 m [above tundra]
60	2-May-21	9:36	9:52			Convoy, Post-Disturbance (3 of 3) Road height: 0.7 m [above tundra]
61	2-May-21	11:01	11:33			Road height: 0.5 m [above tundra]
62	2-May-21	14:11	14:28			Convoy, Pre-Disturbance (1 of 3), Road height: 0.5 m [above tundra]
63	2-May-21	14:32	15:07			Convoy, Passing (2 of 3) Road height: 0.5 m [above tundra]
64	2-May-21	14:40	14:01			Convoy, Post-Disturbance (3 of 3) Road height: 0.5 m [above tundra]
65	3-May-21	9:51	10:15			Convoy, Pre-during and post-disturbance
66	3-May-21	10:51	11:21			
67	3-May-21	13:52	14:21			
68	3-May-21	14:21	14:39			
69	4-May-21	8:57	9:09			
70	4-May-21	10:00	10:30			Assumed Subset
71	4-May-21	10:09	10:40			
72	4-May-21	10:35	11:05			Road height: 0.5 m [above tundra]
73	5-May-21	10:53	11:20			Road height: 0.7 m [above tundra]
74	5-May-21	13:26	14:10			
75	6-May-21	12:17	12:42			Pre-blasting
76	6-May-21	12:42	13:14			
77	6-May-21	13:52	14:31			During-blasting
78	6-May-21	14:47	15:17			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event
79	7-May-21	8:14	8:26	Louis Dubois	N/A	-96.00068802	64.36405064	N/A	N/A	AWAR 6 KM	300-1000	N/A	90	W	N	50-100	19	N/A	N/A	-5	20	N/A	N/A
80	7-May-21	14:06	14:55	KAK, EF	N/A	-96.303921	64.641705	N/A	N/A	AWAR 44 KM	300-1000	N/A	270	W	N	50-100	66	N/A	N/A	-2	28	N/A	1
81	7-May-21	15:45	16:16	KAK, EF	N/A	-96.370585	64.74953	N/A	N/A	AWAR 59 KM	300-1000	N/A	270	W	N	N/A	22	N/A	N/A	-2	28	N/A	1
82	8-May-21	12:25	12:28	KAK, EF	N/A	-96.06330884	64.44692525	N/A	N/A	AWAR KM (N/A)	300-1000	N/A	N/A	W	N/A	N/A	41	N/A	N/A	-3	17	N/A	2
83	8-May-21	12:58	13:30	KAK, EF	N/A	-96.20318167	64.55877383	N/A	N/A	AWAR 30 KM	100-300	N/A	90	W	N	N/A	17	N/A	N/A	-3	17	N/A	2
84	8-May-21	14:11	14:34	KAK, EF	N/A	-96.37485345	64.5849656	N/A	N/A	AWAR 51 KM	300-1000	N/A	270	W	N	N/A	8	N/A	N/A	-1	21	N/A	2
85	8-May-21	14:20	14:50	KN	N/A	-96.07312221	65.02214847	N/A	N/A	Amaruq 115 KM	300-1000	N/A	280	W	N	N/A	33	N/A	N/A	-5	9	N/A	N/A
86	8-May-21	15:05	15:35	KN	N/A	-96.097145	65.114773	N/A	N/A	Amaruq 122 KM	100-300	N/A	270	W	N	50-100	36	N/A	N/A	-5	9	N/A	N/A
87	8-May-21	15:48	16:18	KN	N/A	-96.09724552	65.11500659	N/A	N/A	Amaruq 125 KM	100-300	N/A	270	W	N	N/A	2	N/A	N/A	-5	9	N/A	N/A
88	8-May-21	15:58	16:33	KAK, EF	N/A	-96.32641389	64.82105946	N/A	N/A	AWAR 81 KM	300-1000	N/A	270	W	N	N/A	2	N/A	N/A	-1	21	N/A	2
89	9-May-21	10:48	11:25	OJ, KAK	N/A	-96.3246138	64.81542334	N/A	N/A	AWAR 68 KM	100-300	N/A	320	E	N	N/A	2	N/A	N/A	-3	18	N/A	3
90	10-May-21	8:10	8:50	KAK	N/A	-96.10064298	65.0480309	N/A	N/A	AWAR 104 KM	100-300	N/A	90	W	N	N/A	1	N/A	N/A	-7	6	N/A	3
91	10-May-21	9:47	10:27	KAK	N/A	-96.14637788	65.05094301	N/A	N/A	AWAR 100 KM	100-300	N/A	280	E	N	N/A	2	N/A	N/A	-4	6	N/A	3
92	10-May-21	17:15	17:55	KAK	N/A	-96.30086485	64.93489743	N/A	N/A	AWAR 83 KM	100-300	N/A	280	W	N	N/A	1	N/A	N/A	1	24	N/A	3
93	11-May-21	10:05	10:44	KAK, EF	N/A	-96.06898727	65.02919838	N/A	N/A	AWAR KM (N/A)	300-1000	N/A	15	E	N	N/A	39	N/A	N/A	-4	50	N/A	0
94	11-May-21	13:51	14:34	KAK, EF	N/A	-96.10672778	65.1247756	N/A	N/A	Amaruq 124 KM	300-1000	N/A	280	W	N	N/A	1	N/A	N/A	-4	70	N/A	0
95	11-May-21	17:24	18:01	KAK, EF	N/A	-96.14636575	65.04910146	N/A	N/A	AWAR 100 KM	100-300	N/A	45	E	N	N/A	62	N/A	N/A	-5	70	N/A	0
96	12-May-21	8:30	9:05	OJ, KAK	N/A	-96.1464242	65.05107583	N/A	N/A	AWAR 100 KM	100-300	N/A	280	E	N	N/A	2	N/A	N/A	-13	47	N/A	0

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Walking_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3
79	7-May-21	8:14	8:26	N/A	N/A	0	8	N/A	0	0	0	19	0	0			0	0	0	0	0			
80	7-May-21	14:06	14:55	Partial Sun	N/A	1	1	Sea can and bridge 800-1000 m north of truck (same direction that caribou approached from).	0	0	0	20	0	0		IMG #4070	0	0	0	20	0	0		Video #4071
81	7-May-21	15:45	16:16	Overcast	N/A	1	1	None	22	0	0	0	0	0		IMG 4097 to 4098	22	0	0	0	0	0		IMG 4099 to 4101
82	8-May-21	12:25	12:28	Good visibility (no fog)	N/A	0	0	None	0	0	0	41	0	0			0	0	0	41	0	0		Disappeared behind ridges and hills right after minute 3. They had been quickly walking - but not trotting or running. When we left we saw hunters around an E ridge. Abandoned behaviour due to quick walking and hunters.
83	8-May-21	12:58	13:30	Overcast. Fog has lifted in this area	N/A	1	1	None	0	0	0	17	0	0		IMG 4142	0	0	0	17	0	0		Walking south. Too far for images.
84	8-May-21	14:11	14:34	Overcast. Fog has lifted	N/A	1	1	None	4	0	0	4	0	0		IMG 4165	4	0	0	0	0	0		The rest walked behind the ridge.
85	8-May-21	14:20	14:50	Cloudy	Open	3	7	N/A	33	0	0	0	0	0			30	0	0	3	0	0		Walking south west
86	8-May-21	15:05	15:35	Cloudy	N/A	6	3	N/A	24	12	0	0	0	0			16	13	0	1	0	0		
87	8-May-21	15:48	16:18	Sky Clearing Up	N/A	1	2	N/A	0	1	1	0	0	0			0	2	0	0	0	0		
88	8-May-21	15:58	16:33	Sunny	N/A	1	1	None	2	0	0	0	0	0		IMG 4190-92	2	0	0	0	0	0		IMG 4193-94
89	9-May-21	10:48	11:25	Sunny	N/A	1	1	None	2	0	0	0	0	0		IMG 4247	1	0	1	0	0	0		IMG 4248
90	10-May-21	8:10	8:50	Overcast	N/A	1	1	None	0	1	0	0	0	0		IMG 4568	0	1	0	0	0	0		IMG 4569
91	10-May-21	9:47	10:27	Overcast	N/A	1	1	None	0	2	0	0	0	0		IMG 4762	0	2	0	0	0	0		IMG 4756
92	10-May-21	17:15	17:55	Overcast	N/A	1	1	Bridge 100 m north.	0	1	0	0	0	0		IMG 5282	0	1	0	0	0	0		IMG 5283
93	11-May-21	10:05	10:44	Windy and Blowing Snow	N/A	N/A	N/A	N/A	9	0	2	0	0	0			9	0	2	0	0	0		Group subset: 11
94	11-May-21	13:51	14:34	Partial Sun and Cloud	N/A	1	1	None	0	1	0	0	0	0		IMG 5325	0	1	0	0	0	0		IMG 5326
95	11-May-21	17:24	18:01	Sunny and Windy	N/A	2	1	None	35	0	0	0	0	0			35	0	0	0	0	0		IMG 5342-43
96	12-May-21	8:30	9:05	Sunny	N/A	N/A	N/A	None	2	0	0	0	0	0		IMG 5432	2	0	0	0	0	0		IMG 5434

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12	
79	7-May-21	8:14	8:26	0	0	0	19	0	0	Walking south	IMG 4072 and 4073	0	0	0	0	0	0	Lost sign of the caribous	IMG 4075 to 4077	0	0	0	0	0	0		IMG 4078 to 4081	
80	7-May-21	14:06	14:55	0	0	0	20	0	0			0	0	0	0	20	0			0	0	0	0	0	0			0
81	7-May-21	15:45	16:16	22	0	0	0	0	0		IMG 4102 to 4104	22	0	0	0	0	0		IMG 4105 to 4107	22	0	0	0	0	0		IMG 4108 to 4110	
82	8-May-21	12:25	12:28	0	0	0	0	0	0			0	0	0	0	0	0			0	0	0	0	0	0			0
83	8-May-21	12:58	13:30	0	0	0	17	0	0	Too far for photos		0	0	0	17	0	0	Walking south			0	0	0	17	0	0	Walking south	
84	8-May-21	14:11	14:34	4	0	0	0	0	0			The rest are behind the ridge.	Image 4167	7	0	0	1				0	0	Started walked as taking photos. Caribou came up from behind ridge back into view.	IMG 4168-69	1	0		
85	8-May-21	14:20	14:50	32	0	1	0	0	0			24	0	0	2	0	0	Rest of group behind hill			9	0	2	13	0	0	Walking east	
86	8-May-21	15:05	15:35	17	14	0	1	0	0			16	15	0	1	0	0				0	13	17	0	2	0		
87	8-May-21	15:48	16:18	0	2	0	0	0	0			0	2	0	0	0	0				0	2	0	0	0	0		
88	8-May-21	15:58	16:33	1	0	1	0	0	0		IMG 4195-96	2	0	0	0	0	0	No photos. Speed 30km. No reaction - still rapping.	IMG 4571	2	0	0	0	0	0		IMG 4198-4200	
89	9-May-21	10:48	11:25	2	0	0	0	0	0			IMG 4251	2	0	0	0	0			0	0	IMG 4252	1	0	0			1
90	10-May-21	8:10	8:50	0	1	0	0	0	0	Tanker drove past. See disturbance.	IMG 4570	0	1	0	0	0	0		IMG 4571	0	1	0	0	0	0		IMG 4572	
91	10-May-21	9:47	10:27	0	2	0	0	0	0			IMG 4766	0	2	0	0	0			0	0	IMG 4767	0	2	0			0
92	10-May-21	17:15	17:55	0	1	0	0	0	0		IMG 5284	0	1	0	0	0	0		IMG 5285	0	1	0	0	0	0		IMG 5288	
93	11-May-21	10:05	10:44	6	0	0	0	0	0			Rest are in the blowing snow can't be seen.		10	0	0	0			0	0	Rest behind ridge or in blowing snow		11	0			0
94	11-May-21	13:51	14:34	0	1	0	0	0	0		IMG 5327	0	1	0	0	0	0		IMG 5328	0	1	0	0	0	0		IMG 5329	
95	11-May-21	17:24	18:01	35	0	0	0	0	0			IMG 5344-45	35	0	0	0	0			0	0	IMG 5346-47	35	0	0			0
96	12-May-21	8:30	9:05	2	0	0	0	0	0		IMG 5435	2	0	0	0	0	0		IMG 5436	0	2	0	0	0	0			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Trotting/Running_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
79	7-May-21	8:14	8:26	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			Photo Number_21
80	7-May-21	14:06	14:55	0	0	17	0	0	0	17 now, group of 20 walking behind ridge.	IMG 4082 to 4084	0	0	0	0	3	0	0	others went behind ridge.	IMG 4085	3	0	0	14	0	0	3 behind a ridge. Group is visible again	IMG 4086
81	7-May-21	15:45	16:16	22	0	0	0	0	0		IMG 4111 to 4113	22	0	0	0	0	0			IMG 4114 to 4116	22	0	0	0	0	0		IMG 4117 to 4119
82	8-May-21	12:25	12:28	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
83	8-May-21	12:58	13:30	7	0	0	1	0	0	Caribou are further away now on a ridge. Rest of caribou are behind a ridge.		0	0	0	17	0	0	Another group of 22 that were far away at the beginning of the survey (so counted as two separate groups) joined together. All are walking south together.			1	0	0	15	1	0	Two groups joined (35 total). Walking south	
84	8-May-21	14:11	14:34	1	0	0	3	0	0		IMG 4173-4174	0	0	0	3	0	0	Angle no longer good for photos. One disappeared behind a ridge.			0	0	0	0	0			
85	8-May-21	14:20	14:50	7	2	3	15	0	0	Long haul went by, they did not run. Some lift their heads		9	3	4	6	0	0	Long haul went by.			0	3	2	10	0	0	Rest behind hill	
86	8-May-21	15:05	15:35	14	17	1	0	0	0			16	16	0	0	0	0				17	16	0	0	0			
87	8-May-21	15:48	16:18	0	2	0	0	0	0			0	2	0	0	0	0				0	2	0	0	0			
88	8-May-21	15:58	16:33	2	0	0	0	0	0		IMG 4201-02	2	0	0	0	0	0			IMG 4203-04	2	0	0	0	0	0		IMG 4205
89	9-May-21	10:48	11:25	0	0	0	2	0	0	walking south-west, getting closer to the road	IMG 4254	0	0	1	1	0	0	walking south-west, getting closer to the road	IMG 4255	2	0	0	0	0	0		IMG 4256	
90	10-May-21	8:10	8:50	0	1	0	0	0	0		IMG 4573	0	1	0	0	0	0			IMG 4574	0	1	0	0	0	0		IMG 4575
91	10-May-21	9:47	10:27	0	2	0	0	0	0		IMG 4769	0	2	0	0	0	0			IMG 4770	2	0	0	0	0	0	In image one CABO is standing. But was foraging during observation.	IMG 4771
92	10-May-21	17:15	17:55	0	1	0	0	0	0		IMG 5289	0	1	0	0	0	0			IMG 5290	0	1	0	0	0	0		IMG 5291
93	11-May-21	10:05	10:44	9	0	2	0	0	0			11	0	0	0	0	0	We can see them all again now			10	0	0	0	1	0		
94	11-May-21	13:51	14:34	0	1	0	0	0	0	Hasn't been disturbed by the vehicles going by.	IMG 5330	0	1	0	0	0	0			IMG 5331	0	1	0	0	0	0		IMG 5332
95	11-May-21	17:24	18:01	35	0	0	0	0	0		IMG 5350-51	48	0	0	0	0	0	48 caribou now-- all eating. Some came up from behind the ridge	IMG 5352-55	47	1	0	0	0	0		IMG 5356-59	
96	12-May-21	8:30	9:05	0	2	0	0	0	0		IMG 5437	0	2	0	0	0	0			IMG 5438	0	0	1	0	0	0	One caribou behind a ridge - moved a bit after the disturbance	

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_24	Lying Down_24	Standing_24	Walking_24	Alert_24	Trotting/Running_24	Comments_24	Photo Number_24	Feeding_27	Lying Down_27	Standing_27	Walking_27	Alert_27	Trotting/Running_27	Comments_27	Photo Number_27	Feeding_30	Lying Down_30	Standing_30	Walking_30	Alert_30	Trotting/Running_30	Comments_30	Photo Number_30
79	7-May-21	8:14	8:26	0	0	0	0	0	0	Disturbance at 2:46 pm, they were 17 eating (fuel truck). At 24 minutes, there are 11 feeding and the rest are hidden.	IMG 4087	10	0	0	0	0	0	Rest are hidden.	IMG 4088 and 4089.	6	0	0	4	0	0	Rest behind ridge.	IMG 4090 and 4091.
80	7-May-21	14:06	14:55	11	0	0	0	0	0		0	0	0	0	0	0	0		0	0	0	0	0	0	0		0
81	7-May-21	15:45	16:16	20	0	0	0	0	0	Two went over a ridge.	IMG 4120 to 4122	16	0	0	0	0	0	The rest behind the ridge.	IMG 4123-4125	12	0	0	0	0	0	Rest behind ridge.	IMG 4126 to 4127
82	8-May-21	12:25	12:28	0	0	0	0	0	0			0	0	0	0	0	0			0	0	0	0	0	0		
83	8-May-21	12:58	13:30	0	0	17	0	0	0	Walking south		0	0	0	0	0	0	Went over a ridge. Not visible anymore. End of survey.		0	0	0	0	0	0		
84	8-May-21	14:11	14:34	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0		
85	8-May-21	14:20	14:50	0	3	5	0	0	0			0	3	0	0	0	0	Rest of group walked east behind hill.			0	3	0	0	0	0	
86	8-May-21	15:05	15:35	19	16	0	0	0	0			17	13	2	0	0	0				22	11	0	0	0	0	
87	8-May-21	15:48	16:18	0	0	2	0	0	0	Got up after long haul went by. Did not walk very far (5 meters) from where they were lying down.		0	0	0	2	0	0	Walking south west			2	0	0	0	0	0	
88	8-May-21	15:58	16:33	2	0	0	0	0	0		IMG 4206	2	0	0	0	0	0			IMG 4207	2	0	0	0	0	0	IMG 4208-09
89	9-May-21	10:48	11:25	2	0	0	0	0	0		IMG 4257	0	0	0	2	0	0		IMG 4258; walking south-west ; getting closer to the road	IMG 4257	2	1	1	1	1	1	IMG 4259
90	10-May-21	8:10	8:50	0	1	0	0	0	0		IMG 4576	0	1	0	0	0	0		IMG 4577	1	0	0	0	0	0	0	IMG 4578
91	10-May-21	9:47	10:27	0	0	2	0	0	0	One CABO scratching heard with leg. In images they are foraging.	IMG 4772	2	0	0	0	0	0		IMG 4773	2	0	0	0	0	0	0	IMG 4774
92	10-May-21	17:15	17:55	0	1	0	0	0	0		IMG 5292	0	1	0	0	0	0		IMG 5293	0	1	0	0	0	0	0	IMG 5294
93	11-May-21	10:05	10:44	11	0	0	0	0	0			10	0	0	1	0	0				11	0	0	0	0	0	
94	11-May-21	13:51	14:34	0	1	0	0	0	0		IMG 5333	0	1	0	0	0	0		IMG 5334	0	1	0	0	0	0	0	IMG 5335
95	11-May-21	17:24	18:01	47	1	0	0	0	0		IMG 5360-63	45	3	0	0	0	0		IMG 5364-67	45	3	0	0	0	0	0	IMG 5369-71
96	12-May-21	8:30	9:05	0	0	0	0	0	0	Both caribous are behind a ridge.		0	0	0	0	0	0	Both caribous still behind the ridge ; no noticeable reaction to disturbance			0	0	0	0	0	0	Both caribous still behind a ridge

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
79	7-May-21	8:14	8:26										
80	7-May-21	14:06	14:55										
81	7-May-21	15:45	16:16										
82	8-May-21	12:25	12:28										
83	8-May-21	12:58	13:30					Heavy Equipment	Qty 1: Caribou ran briefly as tanker past them (southwards - same direction the caribou are travelling). Within 1 minute resumed running.				
84	8-May-21	14:11	14:34										
85	8-May-21	14:20	14:50										
86	8-May-21	15:05	15:35			Tractor	Qty 1: Tractor Trailer			Tractor	Qty 1: Tractor Trailer		
87	8-May-21	15:48	16:18	Heavy Equipment	Qty 1			Heavy Equipment	Qty 1			Heavy Equipment	Qty 1
88	8-May-21	15:58	16:33										
89	9-May-21	10:48	11:25			Heavy Equipment	Qty 2: Speed 30 km/h. 1 tanker and 1 truck. Caribous haven't reacted. Photo numbers 4249-50			Light Truck	Qty 1: Did not disturb the caribous		
90	10-May-21	8:10	8:50			Heavy Equipment	Qty 1			Light Truck	Qty 1		
91	10-May-21	9:47	10:27	Tanker	Qty 1: Tanker. Speed about 40km. Caribou looked at it and perked their ears up. Stayed lying down. Image 4763-64			Tanker	Qty 1: Tanker, iPhone video IMG_2341. No reaction from caribou.	Tanker	Qty 1: Tanker. Speed 40km. iPhone video IMG_2342. No behaviour change or reaction	Tanker	Qty 1: Tanker. Speed 40km. iPhone video IMG_2343. No reaction or behaviour change.
92	10-May-21	17:15	17:55							Tanker	Qty 1: Tanker truck. Speed 30-40 (slowed down for bridge). No response from caribou. Images 5286-87. No video as phone is at 10%		
93	11-May-21	10:05	10:44			Fuel Truck	Fuel truck. Group not disturbed.						
94	11-May-21	13:51	14:34	Heavy Equipment	Qty 1: Video of disturbance on phone. IMG_2372					Heavy Equipment Light Truck	Qty 2: 2 trucks - video 2374	Heavy Equipment	Qty 1: Video 2375
95	11-May-21	17:24	18:01										
96	12-May-21	8:30	9:05										

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 15	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
79	7-May-21	8:14	8:26										
80	7-May-21	14:06	14:55					Fuel Truck	17 eating, not disturbed by fuel truck.				
81	7-May-21	15:45	16:16									Fuel Truck	Qty 1
82	8-May-21	12:25	12:28										
83	8-May-21	12:58	13:30										
84	8-May-21	14:11	14:34										
85	8-May-21	14:20	14:50	Heavy Equipment: Light Truck	Qty 1; Qty 1; They did not react much			Heavy Equipment	Qty 1			Heavy Equipment	Qty 2; 2 emulsion trucks
86	8-May-21	15:05	15:35	Tractor	Qty 1; Tractor Trailer	Light Truck Tractor	Qty 1; Qty 1			Tractor	Qty 1; Tractor Trailer	Tractor	Qty 1; Tractor Trailer
87	8-May-21	15:48	16:18					Heavy Equipment	Qty 1			Heavy Equipment	Qty 1; Caribous did not move for the first 3 haul trucks. They got up at the fourth one went by. The truck was not going faster than the other ones
88	8-May-21	15:58	16:33										
89	9-May-21	10:48	11:25										
90	10-May-21	8:10	8:50										
91	10-May-21	9:47	10:27										
92	10-May-21	17:15	17:55										
93	11-May-21	10:05	10:44			Roll-Off Truck	Group not disturbed. Roll off going 20-40km/h						
94	11-May-21	13:51	14:34	Heavy Equipment	Qty 1; 40-50km/h Video 2376; No reaction from the caribou,	Heavy Equipment	Qty 1; Video 2377; No reaction, LHT going 40-50km/h	Heavy Equipment	Qty 1; 30km/h, No disturbance, Video 2378			Heavy Equipment	Qty 1; No reaction, 40 km/h, Video 2379
95	11-May-21	17:24	18:01										
96	12-May-21	8:30	9:05			Light Truck	Qty 2; iPhone video 2383 ; caribou stood up and being alert ; speed 50 km/h			Tanker	Qty 1; iPhone video 2385 ; 1 fuel tanker ; speed 40 km/h ; caribous still unseen		

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
79	7-May-21	8:14	8:26			
80	7-May-21	14:06	14:55			Road height: 0.5 m [above tundra]
81	7-May-21	15:45	16:16			
82	8-May-21	12:25	12:28			
83	8-May-21	12:58	13:30			Caribou walked along road for a long while. Most was snow level with road. Worst sections was 1m high-0.5m wide snow bank.
84	8-May-21	14:11	14:34			Road height: 0.5 m [above tundra]
85	8-May-21	14:20	14:50			
86	8-May-21	15:05	15:35			
87	8-May-21	15:48	16:18			
88	8-May-21	15:58	16:33			Road height: 0.5 m [above tundra]
89	9-May-21	10:48	11:25			"Width is 0.5 m"
90	10-May-21	8:10	8:50			Road height: 0.5 m [above tundra]
91	10-May-21	9:47	10:27			
92	10-May-21	17:15	17:55			Road height: 0.75 m [above tundra]
93	11-May-21	10:05	10:44			
94	11-May-21	13:51	14:34			
95	11-May-21	17:24	18:01			Road height: 1 and 1/2 m high. Subgroup 35
96	12-May-21	8:30	9:05			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event
97	12-May-21	14:40	15:01	OJ, KAK	N/A	-96.35770523	64.66016617	N/A	N/A	AWAR 48 KM	300-1000	N/A	280	W	N	N/A	1	N/A	N/A	-8	27	N/A	0
98	12-May-21	16:07	16:22	OJ, KAK	N/A	-96.22428662	64.98318423	N/A	N/A	AWAR 91 KM	300-1000	N/A	300	W	N	N/A	1	N/A	N/A	-13	47	N/A	0
99	12-May-21	11:50	12:20	RW, AA	N/A	-96.00216888	65.05112289	N/A	N/A	Amaruq 112 KM	0-50	N/A	N/A	W	N	N/A	30	N/A	N/A	-10	50	N/A	0
100	14-May-21	9:53	10:08	EF, OJ	N/A	-96.313357	64.65243	N/A	N/A	AWAR 45 KM	100-300	N/A	100	W	N	N/A	29	N/A	N/A	-18	24	N/A	0
101	15-May-21	9:02	9:53	AA, CM	N/A	-96.16488923	65.19422718	N/A	N/A	Amaruq 132 KM	100-300	N/A	N/A	W	N	N/A	33	N/A	N/A	-17	19	N/A	3
102	15-May-21	15:02	15:38	OJ, EF	N/A	-96.087731	65.034125	N/A	N/A	AWAR 105 KM	1000	N/A	260	E	N	N/A	28	N/A	N/A	-9	20	N/A	1
103	16-May-21	9:00	9:31	EF	N/A	-96.07032131	65.02320223	N/A	N/A	AWAR 104 KM	100-300	N/A	200	E	N	N/A	2	N/A	N/A	N/A	N/A	N/A	N/A
104	16-May-21	9:54	10:29	EF, AB	N/A	-96.13314167	65.06734592	N/A	N/A	AWAR 102 KM	300-1000	N/A	50	W	N	N/A	2	N/A	N/A	N/A	N/A	N/A	N/A
105	16-May-21	15:47	16:16	ST, CM	N/A	-96.41264139	65.30637618	N/A	N/A	Amaruq 160	51-100	N/A	N/A	E	N/A	N/A	2	N/A	N/A	6	7	N/A	0
106	17-May-21	14:53	16:28	EF	N/A	-96.07317176	65.02138597	N/A	N/A	AWAR 67 KM	0-50	N/A	N/A	W	N	N/A	8	N/A	N/A	-20	22	N/A	N/A
107	17-May-21	15:11	15:47	EF	N/A	-96.324227	64.862125	N/A	N/A	AWAR 73 KM	>1000	N/A	140	W	N	N/A	37	N/A	N/A	-6	24	N/A	N/A
108	18-May-21	9:22	9:45	EF	N/A	-96.18974855	65.2037356	N/A	N/A	Amaruq 133 KM	100-300	N/A	80	E	N	N/A	2	N/A	N/A	-15	32	N/A	N/A
109	18-May-21	14:26	14:59	EF	N/A	-96.16229047	65.1873079	N/A	N/A	Amaruq 131 KM	300-1000	N/A	N/A	E	N	N/A	2	N/A	N/A	-9	30	N/A	N/A
110	18-May-21	15:56	16:06	EF	N/A	-96.04569277	65.08394217	N/A	N/A	Amaruq 117 KM	100-300	N/A	N/A	E	N	N/A	2	N/A	N/A	-9	30	N/A	Sunny, wind
111	20-May-21	12:18	12:50	FL, RW, AA	N/A	-96.706238	65.39752523	N/A	N/A	Other	100-300	N/A	N/A	W	N	N/A	19	N/A	N/A	-2	5	N/A	N/A
112	24-May-21	12:21	12:52	AA	N/A	-96.6037909	65.39622	N/A	N/A	Amaruq 176 KM	100-300	N/A	N/A	W	N	N/A	5	N/A	N/A	-4	20	N/A	0
113	28-May-21	12:00	12:39	LA, AG	N/A	-96.69620332	65.4176116	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	90	W	N	N/A	2	N/A	N/A	1	23	N/A	N/A
114	28-May-21	12:45	13:13	LA, AG	N/A	-96.6961489	65.41763276	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	90	W	N	N/A	2	N/A	N/A	1	23	N/A	0
115	4-Jun-21	12:00	12:30	LA, AG	N/A	-96.73299995	65.39655559	N/A	N/A	Amaruq KM (N/A)	51-100	N/A	90	W	N	N/A	21	N/A	N/A	3	10	N/A	N/A
116	4-Jun-21	12:41	13:11	LA, AG	N/A	-96.66660461	65.40138702	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	20	W	N	N/A	21	N/A	N/A	3	10	N/A	N/A
117	5-Jun-21	12:12	12:43	ST	N/A	-96.70982753	65.39708341	N/A	N/A	Amaruq KM (N/A)	300-1000	N/A	N/A	W	N/A	N/A	18	N/A	N/A	1	N/A	N/A	N/A
118	8-Jun-21	12:13	12:13	LA	N/A	-96.66660461	65.40138702	N/A	N/A	Amaruq KM (N/A)	51-100	N/A	80	W	N	N/A	12	N/A	N/A	1	21	N/A	N/A
119	8-Jun-21	12:32	13:05	LA	N/A	-96.71963888	65.39913753	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	80	W	N	N/A	12	N/A	N/A	1	21	N/A	N/A
120	9-Jun-21	12:18	12:43	ST, AA	N/A	-96.66660461	65.40138702	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	N/A	W	N	N/A	22	N/A	N/A	2	11	N/A	N/A
121	18-Jun-21	14:58	15:00	Y	N/A	-96.07316986	65.02138221	N/A	N/A	Meadowbank 4 KM	300-1000	N/A	N/A	W	N	N/A	23	N/A	N/A	1	N/A	N/A	N/A
122	5-Aug-21	12:12	12:31	ST, CM	N/A	-96.66599007	65.41691296	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	N/A	E	N	N/A	45	N/A	N/A	5	40	N/A	N/A

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Walking_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3
97	12-May-21	14:40	15:01	Sunny	N/A	1	1	"Sea can and bridge 400"	0	0	0	1	0	0	walking south parallel to the road	IMG 5774	0	0	0	1	0	0	walking south parallel to the road	IMG 5775
98	12-May-21	16:07	16:22	Sunny	N/A	1	1	None	0	0	0	1	0	0	walking north parallel to the road	IMG 5566	0	0	0	1	0	0	Too far for photos. walking north parallel to the road	
99	12-May-21	11:50	12:20	Blowing Snow	N/A	1	0	N/A	25	0	0	5	0	0			30	0	0	0	0	0	1 long haul passed. None alerted	
100	14-May-21	9:53	10:08	Weather observations: Sunny and windy. Wind 24-36km/h.	N/A	1	1	None	7	0	0	22	0	0	Group survey 29, Walking south,		3	0	4	20	0	0	Walking behind a ridge.	
101	15-May-21	9:02	9:53	N/A	N/A	1	8	N/A	24	0	0	2	0	0	LHT= 1 alert.	IMG 702-703	23	0	1	2	0	0		IMG 704-705
102	15-May-21	15:02	15:38	Cloudy, calm	N/A	1	1	Mine a few km away	27	0	1	0	0	0	28 total and surveyed.		26	0	0	2	0	0		
103	16-May-21	9:00	9:31	N/A	N/A	1	1	None	1	1	0	0	0	0	Total of 2		1	1	0	0	0	0	One resting was alert when truck passed (head up)	
104	16-May-21	9:54	10:29	N/A	N/A	1	1	None	2	0	0	0	0	0	2 females. Km 102		2	0	0	0	0	0		
105	16-May-21	15:47	16:16	Cloudy	N/A	1	30	Bridge KM 159.8	2	0	0	0	0	0		IMG 182	0	0	0	0	0	0		IMG 384
106	17-May-21	14:53	16:28	Clear day, no clouds. little wind	N/A	N/A	N/A	N/A	8	0	0	0	0	0			7	1	0	0	0	0		
107	17-May-21	15:11	15:47	Cloudy	N/A	1	1	None	0	0	0	17	0	0	Group surveyed.17 walking N		3	0	0	14	0	0	Walking N	
108	18-May-21	9:22	9:45	Sunny	N/A	1	1	Seacan at 800 m	1	0	0	0	0	0	2 but one out of sight		1	0	0	0	0	0		
109	18-May-21	14:26	14:59	N/A	N/A	1	1	Bridge at 131	0	2	0	0	0	0	Group surveyed. 2		0	2	0	0	0	0		
110	18-May-21	15:56	16:06	N/A	N/A	1	1	None	1	0	1	0	0	0	Grader working in area. One observing.		1	0	0	1	0	0	Grader working in area	
111	20-May-21	12:18	12:50	N/A	N/A	N/A	N/A	N/A	4	15	0	0	0	0			3	16	0	0	0	0		
112	24-May-21	12:21	12:52	N/A	N/A	1	15	None	0	0	0	5	0	0			2	0	0	3	0	0		
113	28-May-21	12:00	12:39	Snow, low visibility	N/A	N/A	N/A	N/A	2	0	0	0	0	0	10min since arrival. Monitoring before the blast		2	0	0	0	0	0		IMG P1010155
114	28-May-21	12:45	13:13	Cloudy	N/A	N/A	N/A	N/A	0	2	0	0	0	0	During blast. Video was taken. No reaction.	IMG P1010167	0	2	0	0	0	0	After blast observation	IMG P1010168
115	4-Jun-21	12:00	12:30	N/A	N/A	N/A	N/A	Near Dyno EMR	12	9	0	0	0	0	Before the blast.	IMG #1 (1) & (2)	11	9	0	0	1	0		IMG #2 (1) & (2)
116	4-Jun-21	12:41	13:11	N/A	N/A	N/A	N/A	Near Dyno EMR	16	4	0	0	0	0	Blast happening.	IMG Video was taken #10	16	4	0	0	0	0		IMG #11
117	5-Jun-21	12:12	12:43	N/A	N/A	N/A	N/A	N/A	15	3	0	0	0	0	Blast monitor	IMG 1-2-3	11	7	0	0	0	0		IMG 4-5-6
118	8-Jun-21	12:13	12:13	Cloudy	N/A	N/A	N/A	Near Dyno EMR	12	0	0	0	0	0			11	0	0	1	0	0		
119	8-Jun-21	12:32	13:05	N/A	N/A	N/A	N/A	N/A	10	1	0	0	0	0			11	1	0	0	0	0		
120	8-Jun-21	12:18	12:43	N/A	N/A	N/A	N/A	N/A	12	10	0	0	0	0		IMG 1-2	12	10	0	0	0	0		IMG 5-4
121	18-Jun-21	14:58	15:00	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0			0	0	0	0	0	0		
122	5-Aug-21	12:12	12:31	N/A	N/A	N/A	N/A	N/A	42	3	0	0	0	0	Pre blast observation	IMG 1-2-3	0	3	0	0	0	0	17 caribou's behind the hill	IMG 4-5-6

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12		
97	12-May-21	14:40	15:01	0	0	0	1	0	0	walking south parallel to the road	IMG 5776	0	0	0	1	0	0	walking south parallel to the road	walking south parallel to the road	IMG 5777	0	0	0	1	0	0	walking south parallel to the road	IMG 5778	
98	12-May-21	16:07	16:22	0	0	0	1	0	0	Walking north parallel to the road into a valley		0	0	0	0	0	0	Caribou moved out of site through a valley. It was walking quickly with purpose.			0	0	0	0	0				
99	13-May-21	11:50	12:20	30	0	0	0	0	0			26	0	0	4	0	0	1 pick up passed. No alerts.			30	0	0	0	0	0			
100	14-May-21	9:53	10:08	18	0	0	0	0	0	Rest out of view		5	14	0	5	0	0				0	22	0	5	0	0			
101	15-May-21	9:02	9:53	25	0	0	1	0	0	LHT = no reaction	IMG 706-707	22	0	1	3	0	0			IMG 706 & 708	26	0	0	4	0	0	New caribou arrive	IMG 710 and 711	
102	15-May-21	15:02	15:38	28	0	0	0	0	0			27	0	0	1	0	0				28	0	0	0	0	0			
103	16-May-21	9:00	9:31	1	1	0	0	0	0			1	0	0	0	1	0	Ran away when rolloff passed ran north.			0	0	0	2	0	0	Walking towards site on lake		
104	16-May-21	9:54	10:29	2	0	0	0	0	0			2	0	0	0	0	0				2	0	0	0	0	0			
105	16-May-21	15:47	16:16	2	0	0	0	0	0		IMG 586	0	0	0	2	0	0	Walking SE		IMG 788	0	0	0	0	0	2	Walking NE	IMG 9&10	
106	17-May-21	14:53	16:28	7	1	0	0	0	0			7	1	0	0	0	0				7	1	0	0	0	0			
107	17-May-21	15:11	15:47	0	0	17	0	0	0	Walking N		0	0	0	17	0	0				0	0	0	17	0	0			
108	18-May-21	9:22	9:45	1	0	0	0	0	0			1	0	0	0	0	0				1	0	0	0	0	0			
109	18-May-21	14:26	14:59	0	2	0	0	0	0			0	2	0	0	0	0					0	2	0	0	0	0		
110	18-May-21	15:56	16:06	0	0	0	0	0	0	Out of sight. Both walked behind ridge. Grader working in area		0	0	0	0	0	0					0	0	0	0	0	0		
111	20-May-21	12:18	12:50	3	16	0	0	0	0			3	16	0	0	0	0					0	0	0	0	0			
112	24-May-21	12:21	12:52	2	0	0	3	0	0			5	0	0	0	0	0	During the best + LHT				4	0	0	1	0			
113	28-May-21	12:00	12:39	2	0	0	0	0	0		IMG P1010156	1	1	0	0	0	0			IMG P1010157	0	2	0	0	0	0		IMG P1010158	
114	28-May-21	12:45	13:13	0	2	0	0	0	0		IMG P1010169	0	2	0	0	0	0			IMG P1010170	0	2	0	0	0	0		IMG P1010171	
115	4-Jun-21	12:00	12:30	12	9	0	0	0	0			11	9	0	1	0	0			IMG #3 (1) & (2)	12	8	1	0	0	0		IMG #4 (1) & (2) + video #4 (1)	
116	4-Jun-21	12:41	13:11	11	9	0	0	0	0		IMG #12	15	4	0	0	0	0			IMG #13 (1) & (2)	14	5	0	0	0	0		IMG #14	
117	5-Jun-21	12:12	12:43	7	8	0	0	0	0		IMG 7-8-9	5	9	0	0	0	0			IMG 10-11-12	5	10	0	0	0	0		IMG 13-14-15-16	
118	8-Jun-21	12:13	12:13	12	0	0	0	0	0			12	0	0	0	0	0				11	0	1	0	0	0			
119	8-Jun-21	12:32	13:05	4	2	0	0	0	0			0	0	3	0	0	0	All gone after taking the data			0	0	0	0	0	0			
120	9-Jun-21	12:18	12:43	13	9	0	0	0	0		IMG 5-6	13	9	0	0	0	0			IMG 7-8	14	8	0	0	0	0		IMG 11-12	
121	18-Jun-21	14:58	15:00	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0			
122	5-Aug-21	12:12	12:31	24	5	0	0	0	0	Caribou's walked behind the hill	IMG 7-8-9	10	5	0	10	0	0			IMG 10-11-12	N/A	N/A	N/A	N/A	N/A	N/A			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
97	12-May-21	14:40	15:01	1	0	0	0	0			0	0	0	1	0	0				0	0	0	1	0	0		
98	12-May-21	16:07	16:22	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
99	13-May-21	11:50	12:20	21	0	0	7	0	No alerts, have moved closer to the road		19	0	0	10	1	0	10 moved away from the road due to LHT			30	0	0	0	0	0	No alerts	
100	14-May-21	9:53	10:08	1	22	2	2	0			1	22	1	3	0	0				1	22	0	4	0	0	Walking south,	
101	15-May-21	9:02	9:53	26	0	2	1	1	LHT= 1 reaction	IMG 712 and 713	30	0	0	0	0	0	thanker + cube = 1 alert	IMG 714 and 715	29	0	0	0	1	0		IMG 716 and 717	
102	15-May-21	15:02	15:38	26	0	2	0	0			28	0	0	0	0	0				27	0	0	1	0	0		
103	16-May-21	9:00	9:31	0	0	0	2	0	Walking towards site		0	0	0	2	0	0	Walking NE			0	0	0	2	0	0	Might join 3 that were resting on lake	
104	16-May-21	9:54	10:29	2	0	0	0	0	10 came out from behind a ridge. Some running. 8 Stopped on ridge to forage		2	0	0	0	0	0	Separated from the other group			2	0	0	0	0	0	Group of 10 near by feeding . Photos 7-10	
105	16-May-21	15:47	16:16	0	0	0	0	0	Out of Sight		0	0	0	0	0	0				0	0	0	0	0	0		
106	17-May-21	14:53	16:28	0	0	0	0	0			0	0	0	0	0	0				6	2	0	0	0	0		
107	17-May-21	15:11	15:47	0	0	17	0	0			0	0	0	13	0	0	The 17 disappeared behind ridge. Taking 13 from the same group of 40 that were trailing behind. Walking N			0	0	0	13	0	The 17 disappeared behind ridge. Taking 13 from the same group of 40 that were trailing behind. Walking N		
108	18-May-21	9:22	9:45	0	0	0	0	0	Out of sight. Disappeared behind ridge.		0	0	0	0	0	0				0	0	0	0	0	0		
109	18-May-21	14:26	14:59	0	2	0	0	0			0	2	0	0	0	0				0	2	0	0	0	0		
110	18-May-21	15:56	16:06	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
111	20-May-21	12:18	12:50	3	16	0	0	0			3	16	0	0	0	0				3	16	0	0	0	0		
112	24-May-21	12:21	12:52	3	0	1	1	0	LHT passing		0	0	0	5	0	0	2 LHT passing			4	0	0	1	0	0	1 LHT passing	
113	28-May-21	12:00	12:39	0	2	0	0	0		IMG P1010159	0	2	0	0	0	0		IMG P1010161	0	2	0	0	0	0	0	IMG P1010162	
114	28-May-21	12:45	13:13	0	2	0	0	0		IMG P1010172	0	2	0	0	0	0		IMG P1010173	0	2	0	0	0	0	0	IMG P1010174	
115	4-Jun-21	12:00	12:30	14	7	0	0	0		IMG #6 (1) & (2)	18	4	1	0	0	0		IMG #6 (1) & (2)	19	3	0	0	0	0	0		
116	4-Jun-21	12:41	13:11	13	6	0	0	0		IMG #15	11	8	1	0	0	0				13	7	0	0	0	0		
117	5-Jun-21	12:12	12:43	6	11	0	0	0		IMG 17-18-19-20	6	11	0	0	0	0		IMG 21-22-23-24	6	11	0	0	0	0	0	IMG 25-26-27-28	
118	8-Jun-21	12:13	12:13	10	0	0	0	0			10	1	0	0	0	0				0	0	0	0	0	0		
119	8-Jun-21	12:32	13:05	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
120	9-Jun-21	12:18	12:43	14	8	0	0	0		IMG 13-14	17	10	0	0	0	0	5 new caribou's	IMG 15-16	21	6	0	0	0	0	0	IMG 16-17	
121	18-Jun-21	14:58	15:00	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
122	5-Aug-21	12:12	12:31	15	5	0	0	0	Blast occurred no reaction from the caribou's		0	0	0	0	0	0				0	0	0	0	0	0		

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding ₂₄	Lying Down ₂₄	Standing ₂₄	Walking ₂₄	Alert ₂₄	Trotting/Running ₂₄	Comments ₂₄	Photo Number ₂₄	Feeding ₂₇	Lying Down ₂₇	Standing ₂₇	Walking ₂₇	Alert ₂₇	Trotting/Running ₂₇	Comments ₂₇	Photo Number ₂₇	Feeding ₃₀	Lying Down ₃₀	Standing ₃₀	Walking ₃₀	Alert ₃₀	Trotting/Running ₃₀	Comments ₃₀	Photo Number ₃₀	
97	12-May-21	14:40	15:01	0	0	0	1	0	0			0	0	0	1	0	0				0	0	0	1	0	0		
98	12-May-21	16:07	16:22	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
99	13-May-21	11:50	12:20	30	0	0	0	0	0	No alerts		30	0	0	0	0	0		No alerts		24	0	0	5	1	0		
100	14-May-21	9:53	10:08	3	21	0	3	0	0	4 more walking south farther away.		6	18	0	3	0	0				2	18	0	7	0	0		
101	15-May-21	9:02	9:53	25	0	0	5	0	0	LHT + pok = 1 alert	IMG 718 & 719	30	0	0	0	0	0			IMG 720&721	29	0	0	0	1	0	LHT = 1 alert	IMG 722&723
102	15-May-21	15:02	15:38	18	0	0	10	0	0	Walking N		16	0	2	10	0	0		Walking N		24	0	0	4	0	0		
103	16-May-21	9:00	9:31	0	0	0	2	0	0	The 2 joined the three on lake. Now 5.		0	0	0	0	0	0		Stopped survey here. Group mixed up. Can't distinguish the 2 from before.		0	0	0	0	0	0		
104	16-May-21	9:54	10:29	2	0	0	0	0	0	1 tractor passed N at 10:22 Put heads up. Went back to feeding. Other tanker passed a minute later and they walked away		2	0	0	0	0	0		Walked a bit further after tanker passed		0	0	0	2	0	0	Walking towards group of 10	
105	16-May-21	15:47	16:16	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
106	17-May-21	14:53	16:28	6	2	0	0	0	0			6	3	0	0	0	0				4	5	0	0	0	0		
107	17-May-21	15:11	15:47	0	0	0	13	0	0	Walking N		0	0	0	0	0	0		Disappeared behind ridge. Must still be walking.		0	0	0	0	0	0		
108	18-May-21	9:22	9:45	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
109	18-May-21	14:26	14:59	0	2	0	0	0	0			0	2	0	0	0	0				0	2	0	0	0	0	Still resting	
110	18-May-21	15:56	16:06	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
111	20-May-21	12:18	12:50	4	15	0	0	0	0			4	15	0	0	0	0				4	15	0	0	0	0		
112	24-May-21	12:21	12:52	3	0	0	0	2	0	LHT		3	0	0	2	0	0		LHT		3	0	0	2	0	0		
113	28-May-21	12:00	12:39	0	2	0	0	0	0		IMG P1010163	0	2	0	0	0	0			IMG P1010164	0	2	0	0	0	0		IMG P1010165
114	28-May-21	12:45	13:13	0	2	0	0	0	0			0	2	0	0	0	0			IMG P1010174	0	2	0	0	0	0		P1010175
115	4-Jun-21	12:00	12:30	18	3	0	0	0	0		IMG #7 (1) & (2)	18	5	1	0	0	0			IMG #8 (1)-(4)	17	5	1	0	0	0		IMG #9 (1)-(3)
116	4-Jun-21	12:41	13:11	10	8	0	1	0	0		IMG #16 (1) & (2)	12	8	0	0	0	0				12	9	0	0	0	0		IMG #17 (1) & (2)
117	5-Jun-21	12:12	12:43	6	11	0	0	0	0		IMG 28-30-31-32	16	11	0	0	0	0			IMG 32-33-34-35	16	11	0	0	0	0	Video while Hasting - no reactions from the caribou's	
118	8-Jun-21	12:13	12:13	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
119	8-Jun-21	12:32	13:05	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
120	8-Jun-21	12:18	12:43	19	8	0	0	0	0	Blast at 12:15	IMG 18-19	18	9	0	0	0	0			IMG 20-21	18	9	0	0	0	0		IMG 22-23
121	18-Jun-21	14:58	15:00	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
122	5-Aug-21	12:12	12:31	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
97	12-May-21	14:40	15:01										
98	12-May-21	16:07	16:22										
99	13-May-21	11:50	12:20			Heavy Equipment	Qty 1			Light Truck	Qty 1: No alerts		
100	14-May-21	9:53	10:08										
101	15-May-21	9:02	9:53	Heavy Equipment	Qty 1			Heavy Equipment	Qty 1				
102	15-May-21	15:02	15:38			EMR Truck	EMR truck (explosive) 40km/h caribou alert - looked up and went back to foraging.						
103	16-May-21	9:00	9:31			Light Truck	Qty 1: 30 km an hr			Roll-off Truck	Qty 1: 1 rolloff 30km hr	Tanker	Tanker going an 30-40 km h
104	16-May-21	9:54	10:29										
105	16-May-21	15:47	16:16										
106	17-May-21	14:53	16:28					Tanker	Qty 1: Tanker, no reaction				
107	17-May-21	15:11	15:47										
108	18-May-21	9:22	9:45	Heavy Equipment	Qty 1: Other truck (EMR?), 30-40km/h N. No reaction.	Heavy Equipment	Qty 1: Cube truck S. Reaction: put head up to look. Went back to eating. Going S. 40km/h, No reaction. Still eating	Heavy Equipment	Qty 1: No reaction	Heavy Equipment	Qty 1: No reaction. Still eating. Video (EF phone)	Heavy Equipment	Qty 1: No reaction
109	18-May-21	14:26	14:59			LHT	Qty 1: LHT going 30km/h. No reaction.			Heavy Equipment	Qty 1: 30-40km/h. No reaction.		
110	18-May-21	15:56	16:06										
111	20-May-21	12:18	12:50										
112	24-May-21	12:21	12:52							LHT: Blast	Qty 1		
113	28-May-21	12:00	12:39										
114	28-May-21	12:45	13:13	Blast									
115	4-Jun-21	12:00	12:30										
116	4-Jun-21	12:41	13:11	Blast									
117	5-Jun-21	12:12	12:43										
118	8-Jun-21	12:13	12:13										
119	8-Jun-21	12:32	13:05										
120	8-Jun-21	12:18	12:43										
121	16-Jun-21	14:58	15:00	Light Truck	Qty 1								
122	5-Aug-21	12:12	12:31										

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 15	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
97	12-May-21	14:40	15:01			Road Maintenance	Qty 1: Speed 25 km/h - no reaction from the caribou						
98	12-May-21	16:07	16:22										
99	12-May-21	11:50	12:20		Heavy Equipment	Qty 1: 12 caribou move 10 m away from the road.						Heavy Equipment	Qty 1
100	14-May-21	9:53	10:08										
101	15-May-21	9:02	9:53		Heavy Equipment	Heavy Equipment: Light Truck	Qty 1: Qty 1			Heavy Equipment: Light Truck	Qty 1: Qty 1		
102	15-May-21	15:02	15:38		Tanker	Tanker going N 30km/h no reaction.							
103	16-May-21	9:00	9:31		Tanker	Tanker N 40km h both caribou walking - 1 was alert							
104	16-May-21	9:54	10:29									Tractor: Tanker	Qty 2: 1 Tractor and 1 Tanker. The 2 [caribou] walked away
105	16-May-21	15:47	16:16										
106	17-May-21	14:53	16:28										
107	17-May-21	15:11	15:47										
108	18-May-21	9:22	9:45										
109	18-May-21	14:26	14:59			Heavy Equipment	Qty 1: No reaction	Fuel Truck	Qty 1: Fuel truck. No reaction.	Heavy Equipment	Qty 1: No reaction Still resting.	Fuel Truck, Tractor, Light Truck	Qty 2: Qty 1: Fuel truck. Reaction: 1 lifted its head up. Pick up. No reaction. Tractor trailer. No reaction
110	18-May-21	15:56	16:06										
111	20-May-21	12:18	12:50										
112	24-May-21	12:21	12:52	LHT	Qty 1	LHT	Qty 2			LHT	Qty 1		Qty 1
113	28-May-21	12:00	12:39										
114	28-May-21	12:45	13:13										
115	4-Jun-21	12:00	12:30										
116	4-Jun-21	12:41	13:11										
117	5-Jun-21	12:12	12:43										
118	8-Jun-21	12:13	12:13										
119	8-Jun-21	12:32	13:05										
120	8-Jun-21	12:18	12:43										
121	18-Jun-21	14:58	15:00										
122	5-Aug-21	12:12	12:31										

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
97	12-May-21	14:40	15:01			
98	12-May-21	16:07	16:22			
99	13-May-21	11:50	12:20			
100	14-May-21	9:53	10:08			
101	15-May-21	9:02	9:53	Heavy Equipment	Qty 1	
102	15-May-21	15:02	15:38			
103	16-May-21	9:00	9:31			
104	16-May-21	9:54	10:29			
105	16-May-21	15:47	16:16			Subset
106	17-May-21	14:53	16:28			
107	17-May-21	15:11	15:47			
108	18-May-21	9:22	9:45			
109	18-May-21	14:26	14:59			
110	18-May-21	15:56	16:06			
111	20-May-21	12:18	12:50	Blast		Blast: During Disturbance
112	24-May-21	12:21	12:52			
113	28-May-21	12:00	12:39			
114	28-May-21	12:45	13:13			Blast: During Disturbance
115	4-Jun-21	12:00	12:30			
116	4-Jun-21	12:41	13:11			Blast: Pre-Disturbance
117	5-Jun-21	12:12	12:43			Blast: During Disturbance
118	8-Jun-21	12:13	12:13			
119	8-Jun-21	12:32	13:05			
120	8-Jun-21	12:18	12:43			
121	18-Jun-21	14:58	15:00			Subset
122	5-Aug-21	12:12	12:31			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Observers	Waypoint	Longitude	Latitude	Reconnaissance Survey	Project Tolerant Info	Road Name and Distance Marker	Distance from Caribou to Observer Location (m)	Distance from Caribou to Road (if different)	Bearing	Is Group East or West of Survey?	Did the Group Cross the Road during the Survey?	Estimated Size (for larger group)	Caribou Group Size (exact count or estimate)	Size of Subset (Surveyed)	Dominant Group Sex	Temperature (°C)	Wind Speed (km/h)	Wind Direction	Days since Last Snow or Wind Event
123	18-Aug-21	12:00	12:30	LA, KM	N/A	-86.66648872	65.40162575	N/A	N/A	Amaruq KM (N/A)	0-50	N/A	15	W	Y	N/A	3	N/A	N/A	13	7	N/A	N/A
124	18-Aug-21	12:42	13:09	LA, KM	N/A	-86.66656577	65.40144259	N/A	N/A	Amaruq KM (N/A)	0-50	N/A	90	W	N	N/A	1	N/A	N/A	13	7	N/A	N/A
125	20-Aug-21	12:13	12:59	Do	N/A	-86.66723404	65.40147383	N/A	N/A	Amaruq KM (N/A)	51-100	N/A	N/A	W	N	N/A	1	N/A	N/A	12	10	N/A	N/A
126	20-Aug-21	12:13	12:59	Do	N/A	-86.66723404	65.40147383	N/A	N/A	Amaruq KM (N/A)	51-100	N/A	N/A	W	N	N/A	1	N/A	N/A	12	10	N/A	N/A
127	22-Aug-21	12:02	12:35	LA, AG	N/A	-86.71925659	65.40345001	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	90	E	N	N/A	2	N/A	N/A	9	40	N/A	0
128	22-Aug-21	12:35	13:13	LA, AG	N/A	-86.71721245	65.41073676	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	90	E	N	N/A	3	N/A	N/A	10	51	N/A	N/A
129	24-Aug-21	11:50	12:20	LA, AG, AASPB	N/A	-86.73357544	65.39524384	N/A	N/A	Amaruq KM (N/A)	100-300	N/A	85	W	N	N/A	2	N/A	N/A	15	21	N/A	N/A
130	28-Sep-21	11:51	13:00	Laurence Archambault	N/A	-86.73357543	65.39524384	Y	N	Amaruq KM 177	300-1000	N/A	100	W	N	101-200	138	14	Mixed	6	18	N/A	7
131	28-Sep-21	11:51	13:00	Laurence Archambault	N/A	-86.73357543	65.39524384	Y	N	Amaruq KM 177	300-1000	N/A	100	W	N	101-200	138	14	Mixed	6	18	N/A	7
132	22-Oct-21	11:44	12:45	Laurence Archambault, Kathleen Newberry	N/A	-86.66658177	65.40145852	N	N	Amaruq KM (N/A)	1000-1500	N/A	25	W	N	N/A	7	7	Mixed	-3	33	N/A	3
133	5-Nov-21	8:16	8:25	Lia	N/A	-86.07371667	65.02115	N	N	AWAR KM 75	0-50	N/A	2	E	N	101-200	200	5	Males	2	2	N/A	2
134	9-Dec-21	13:04	13:43	Nicolas S/Felix Q	N/A	-86.30898333	64.6446	N	N	AWAR KM 44	100-300	N/A	270	W	N	101-200	101	8	Mixed	-20	20	N/A	2

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Weather Observations	Road Open or Closed	Road Height	Road Side Width	Structures Present	Feeding_0	Lying Down_0	Standing_0	Walking_0	Alert_0	Trotting/Running_0	Comments_0	Photo Number_0	Feeding_3	Lying Down_3	Standing_3	Walking_3	Alert_3	Trotting/Running_3	Comments_3	Photo Number_3
123	18-Aug-21	12:00	12:30	Sunny	N/A	N/A	N/A	Near Dyno Plant	3	0	0	0	0	0	Before the blast	IMG P1080956	1	0	0	0	0	1	2 caribou behind hill	IMG P1080957
124	18-Aug-21	12:42	13:09	Sunny	N/A	N/A	N/A	Dyno Plant	0	0	0	0	1	0	During the blast	IMG P1080970	1	0	0	0	0	0	After the blast	IMG P1080971
125	20-Aug-21	12:13	12:59	N/A	N/A	N/A	N/A	N/A	0	1	0	0	0	0			0	1	0	0	0	0		
126	20-Aug-21	12:13	12:59	N/A	N/A	N/A	N/A	N/A	0	1	0	0	0	0			0	1	0	0	0	0		
127	22-Aug-21	12:02	12:35	Cloudy	N/A	1	N/A	Near Landfill	1	1	0	0	0	0	Before the blast	IMG 1+2 Video	1	1	0	0	0	0		IMG 3-4
128	22-Aug-21	12:35	13:13	Cloudy	N/A	1	N/A	Near Landfill	2	1	0	0	0	0	During the blast		2	1	0	0	0	0	After the blast	IMG 1+2
129	24-Aug-21	11:50	12:20	N/A	N/A	N/A	N/A	Near Dyno	1	0	0	0	0	0	Before the blast	IMG 1	1	0	0	0	0	0		IMG 2
130	28-Sep-21	11:51	13:00	No precipitation, lots of fog	Open	1	25	N/A	7	7	0	0	0	0	Pre-disturbance Couldnt take pic		13	1	0	0	0	0		IMG 1
131	28-Sep-21	11:51	13:00	No precipitation, lots of fog	Open	1	25	N/A	12	2	0	0	0	0	During the blast	Video (try)	10	4	0	0	0	0		IMG 1
132	22-Oct-21	11:44	12:45	No precipitation	Open	0	10	WRSF	7	0	0	0	0	0	Pre-disturbance Too far away for photos		3	0	0	1	0	0	3 caribou are out of sight	
133	5-Nov-21	8:16	8:25	No precipitation	Closed	2	2	None	5	0	0	0	0	0			0	0	0	0	0	0		
134	9-Dec-21	13:04	13:43	No precipitation, cloudy	Closed	2	8	None	0	8	0	0	0	0	Pre-disturbance		0	8	0	0	0	0		

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_6	Lying Down_6	Standing_6	Walking_6	Alert_6	Trotting/Running_6	Comments_6	Photo Number_6	Feeding_9	Lying Down_9	Standing_9	Walking_9	Alert_9	Trotting/Running_9	Comments_9	Photo Number_9	Feeding_12	Lying Down_12	Standing_12	Walking_12	Alert_12	Trotting/Running_12	Comments_12	Photo Number_12	
123	19-Aug-21	12:00	12:30	1	0	0	0	0	0		IMG P1080958	1	0	0	0	0	0	0		IMG P1080959	0	0	0	0	0	0		
124	19-Aug-21	12:42	13:09	1	0	0	0	0	0		IMG P1080972	1	0	0	0	0	0	0		IMG P1080973	N/A	N/A	N/A	N/A	N/A			
125	20-Aug-21	12:13	12:59	0	1	0	0	0	0			0	1	0	0	0	0	0			N/A	N/A	N/A	N/A	N/A			
126	20-Aug-21	12:13	12:59	0	1	0	0	0	0			0	1	0	0	0	0	0			N/A	N/A	N/A	N/A	N/A			
127	22-Aug-21	12:02	12:35	2	0	0	0	0	0		IMG 5-6	2	0	0	0	0	0	0		IMG 7-8	N/A	N/A	N/A	N/A	N/A			
128	22-Aug-21	12:35	13:13	2	1	0	0	0	0		IMG 3	2	1	0	0	0	0	0			N/A	N/A	N/A	N/A	N/A			
129	24-Aug-21	11:50	12:20	1	0	0	0	0	0		IMG 3	1	0	0	0	0	0	0			IMG 4	0	0	0	0	0		
130	28-Sep-21	11:51	13:00	14	0	0	0	0	0			14	0	0	0	0	0	0			12	2	0	0	0	0		Too far for picture
131	28-Sep-21	11:51	13:00	10	4	0	0	0	0		IMG 3	11	3	0	0	0	0	0			13	1	0	0	0	0		
132	22-Oct-21	11:44	12:45	0	0	2	0	4	0			0	0	0	0	0	0	0			0	0	0	0	0	0		
133	5-Nov-21	8:16	8:25	0	0	0	0	0	0			0	0	0	0	0	0	0			5	0	0	0	0	0		During the convoy
134	5-Dec-21	13:04	13:43	0	8	0	0	0	0			0	6	2	0	0	0	0			0	6	0	0	0	0		2 moved out of sight

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_15	Lying Down_15	Standing_15	Walking_15	Alert_15	Trotting/Running_15	Comments_15	Photo Number_15	Feeding_18	Lying Down_18	Standing_18	Walking_18	Alert_18	Trotting/Running_18	Comments_18	Photo Number_18	Feeding_21	Lying Down_21	Standing_21	Walking_21	Alert_21	Trotting/Running_21	Comments_21	Photo Number_21	
123	19-Aug-21	12:00	12:30	1	0	0	0	0	0		IMG P1080961	1	0	0	0	0	0			IMG P1080961	1	0	0	0	0			IMG P1080962
124	19-Aug-21	12:42	13:09	0	0	1	0	0	0		IMG P1080975	0	0	1	0	0	0			IMG P1080976	0	0	1	0	0	0		IMG P1080977
125	20-Aug-21	12:13	12:59	0	1	0	0	0	0			0	1	0	0	0	0				0	1	0	0	0	0		
126	20-Aug-21	12:13	12:59	0	0	1	0	0	0			1	0	0	0	0	0				N/A	N/A	N/A	N/A	N/A			
127	22-Aug-21	12:02	12:35	2	0	0	0	0	0		IMG 11	2	0	0	0	0	0				3	0	0	0	0	0		Third one joined
128	22-Aug-21	12:35	13:13	0	2	0	0	0	0		IMG 6	0	2	0	0	0	0				3	0	0	0	0	0		IMG 8
129	24-Aug-21	11:50	12:20	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
130	28-Sep-21	11:51	13:00	12	2	0	0	0	0		IMG 12-20	12	2	0	0	0	0				N/A	N/A	N/A	N/A	N/A			
131	28-Sep-21	11:51	13:00	11	3	0	0	0	0	No picture		7	6	0	0	0	0				7	6	0	0	0	0		Photo taken, but not #d
132	22-Oct-21	11:44	12:45	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0	0		
133	5-Nov-21	8:16	8:25	5	0	0	0	0	0			5	0	0	0	0	0				5	0	0	0	0	0		
134	9-Dec-21	13:04	13:43	0	6	0	0	0	0			0	6	0	0	0	0				0	6	0	0	0	0		Post-disturbance

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Feeding_24	Lying Down_24	Standing_24	Walking_24	Alert_24	Trotting/Running_24	Comments_24	Photo Number_24	Feeding_27	Lying Down_27	Standing_27	Walking_27	Alert_27	Trotting/Running_27	Comments_27	Photo Number_27	Feeding_30	Lying Down_30	Standing_30	Walking_30	Alert_30	Trotting/Running_30	Comments_30	Photo Number_30	
123	19-Aug-21	12:00	12:30	1	0	0	0	0	0		IMG P1080963	1	0	0	0	0	0			IMG P1080964	1	0	0	0	0			IMG P1080965
124	19-Aug-21	12:42	13:09	0	0	1	0	0	0		IMG P1080978	0	0	1	0	0	0			IMG P1080979	0	0	1	0	0			IMG P1080980
125	20-Aug-21	12:13	12:59	0	1	0	0	0	0			0	0	0	0	0	0		During Blast		0	0	0	0	0			
126	20-Aug-21	12:13	12:59	N/A	N/A	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A				0	1	0	0	0			
127	22-Aug-21	12:02	12:35	3	0	0	0	0	0		IMG 14	3	0	0	0	0	0			IMG 15	3	0	0	0	0			
128	22-Aug-21	12:35	13:13	3	0	0	0	0	0		IMG 9	3	0	0	0	0	0			IMG 10-11	3	0	0	0	0			
129	24-Aug-21	11:50	12:20	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
130	28-Sep-21	11:51	13:00	N/A	N/A	N/A	N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A			
131	28-Sep-21	11:51	13:00	6	7	0	0	0	0			7	6	0	0	0	0		Photo taken; but not #d		6	8	0	0	0		Photo taken; but not #d	
132	22-Oct-21	11:44	12:45	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
133	5-Nov-21	8:16	8:25	0	0	0	0	0	0			0	0	0	0	0	0				0	0	0	0	0			
134	5-Dec-21	13:04	13:43	0	6	0	0	0	0			0	6	0	0	0	0				0	5	1	0	0			

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 0	Dist Comments_0	Disturbance 3	Dist Comments_3	Disturbance 6	Dist Comments_6	Disturbance 9	Dist Comments_9	Disturbance 12	Dist Comments_12
123	18-Aug-21	12:00	12:30										
124	18-Aug-21	12:42	13:09							Other	Weird sound. Caribou looked around and got back to eating		
125	20-Aug-21	12:13	12:59										
126	20-Aug-21	12:13	12:59										
127	22-Aug-21	12:02	12:35										
128	22-Aug-21	12:35	13:13		Blast								
129	24-Aug-21	11:50	12:20										
130	28-Sep-21	11:51	13:00										
131	28-Sep-21	11:51	13:00										
132	22-Oct-21	11:44	12:45							Blast			
133	5-Nov-21	8:16	8:25										
134	9-Dec-21	13:04	13:43									Convey	

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 15	Dist Comments_15	Disturbance 18	Dist Comments_18	Disturbance 21	Dist Comments_21	Disturbance 24	Dist Comments_24	Disturbance 27	Dist Comments_27
123	18-Aug-21	12:00	12:30			Light Truck	Qty 1: Dyno truck passing by. No reaction						
124	18-Aug-21	12:42	13:09										
125	20-Aug-21	12:13	12:59										
126	20-Aug-21	12:13	12:59										
127	22-Aug-21	12:02	12:35										
128	22-Aug-21	12:35	13:13										
129	24-Aug-21	11:50	12:20										
130	28-Sep-21	11:51	13:00							Blast	During the blast		
131	28-Sep-21	11:51	13:00		Qty 1					Heavy Equipment	Qty 1: LHT at 30km/h	Light Truck	Qty 1: Pick up at 30km/h
132	22-Oct-21	11:44	12:45										
133	5-Nov-21	8:16	8:25										
134	9-Dec-21	13:04	13:43			Convoy							

Appendix B: Caribou Behaviour Monitoring Data Sheet

Survey ID	Date	Time Start	Time End	Disturbance 30	Dist Comments_30	General Comments
123	18-Aug-21	12:00	12:30			
124	18-Aug-21	12:42	13:09			
125	20-Aug-21	12:13	12:59			Blast (12) During Disturbance
126	20-Aug-21	12:13	12:59			Blast (22) Post-Disturbance
127	22-Aug-21	12:02	12:35			Blast (12) Pre-Disturbance
128	22-Aug-21	12:35	13:13			Blast (22) During and Post-Disturbance
129	24-Aug-21	11:50	12:20			Before the blast
130	28-Sep-21	11:51	13:00			Blast (12) Pre-Disturbance, Distance from caribou to blast = 3600 m, GST exceeded
131	28-Sep-21	11:51	13:00			Blast (22) During Disturbance, Distance from caribou to blast = 3600 m, GST exceeded
132	22-Oct-21	11:44	12:45			Blast, During Disturbance, Distance from caribou to center of blast: 1200 m
133	5-Nov-21	8:16	8:25			
134	9-Dec-21	13:04	13:43			

APPENDIX C PROPORTION OF ALERT OR RUNNING CARIBOU DURING EACH SURVEY

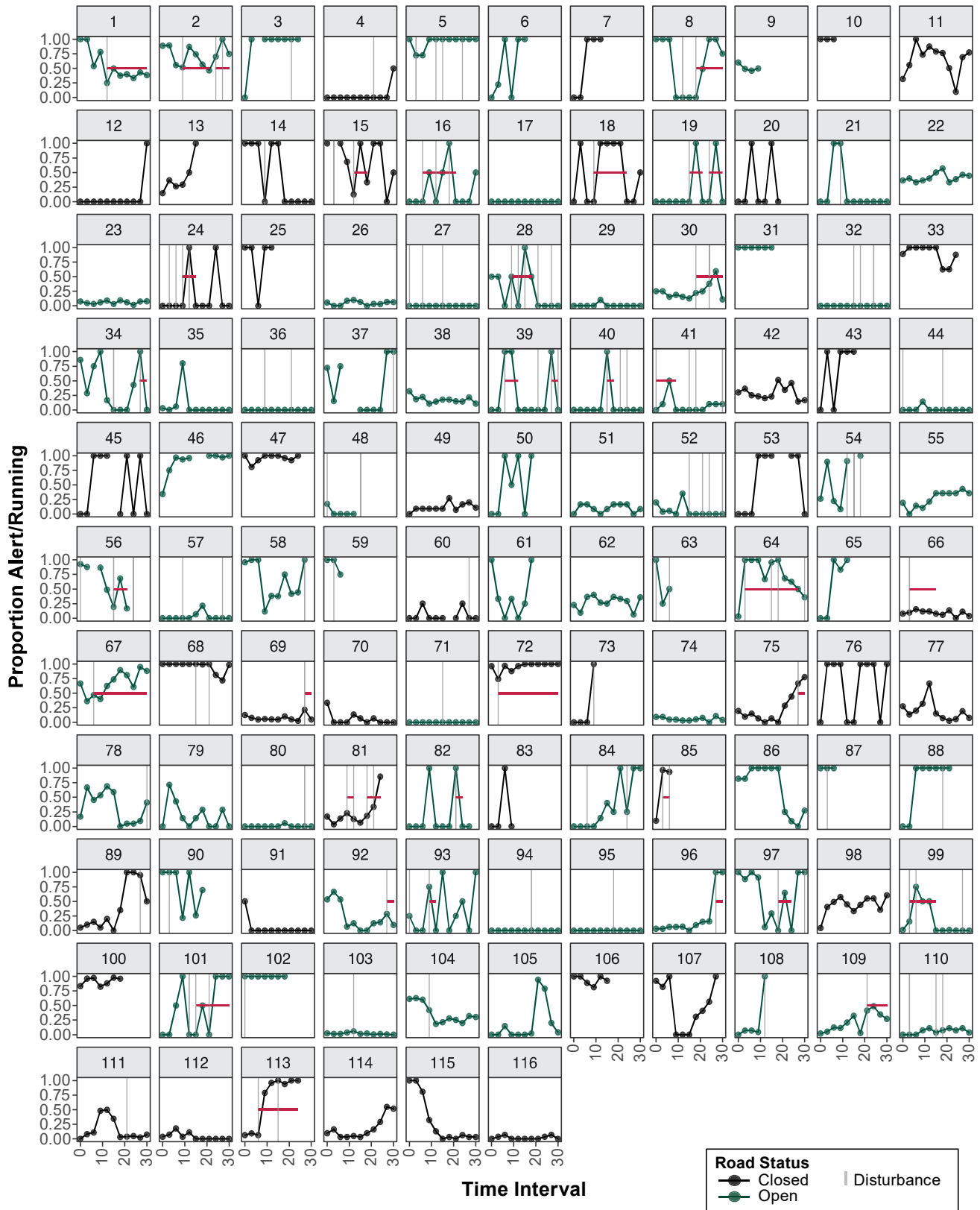


Figure C-1: Proportion of Alert or Running Caribou During Each Survey - 2020

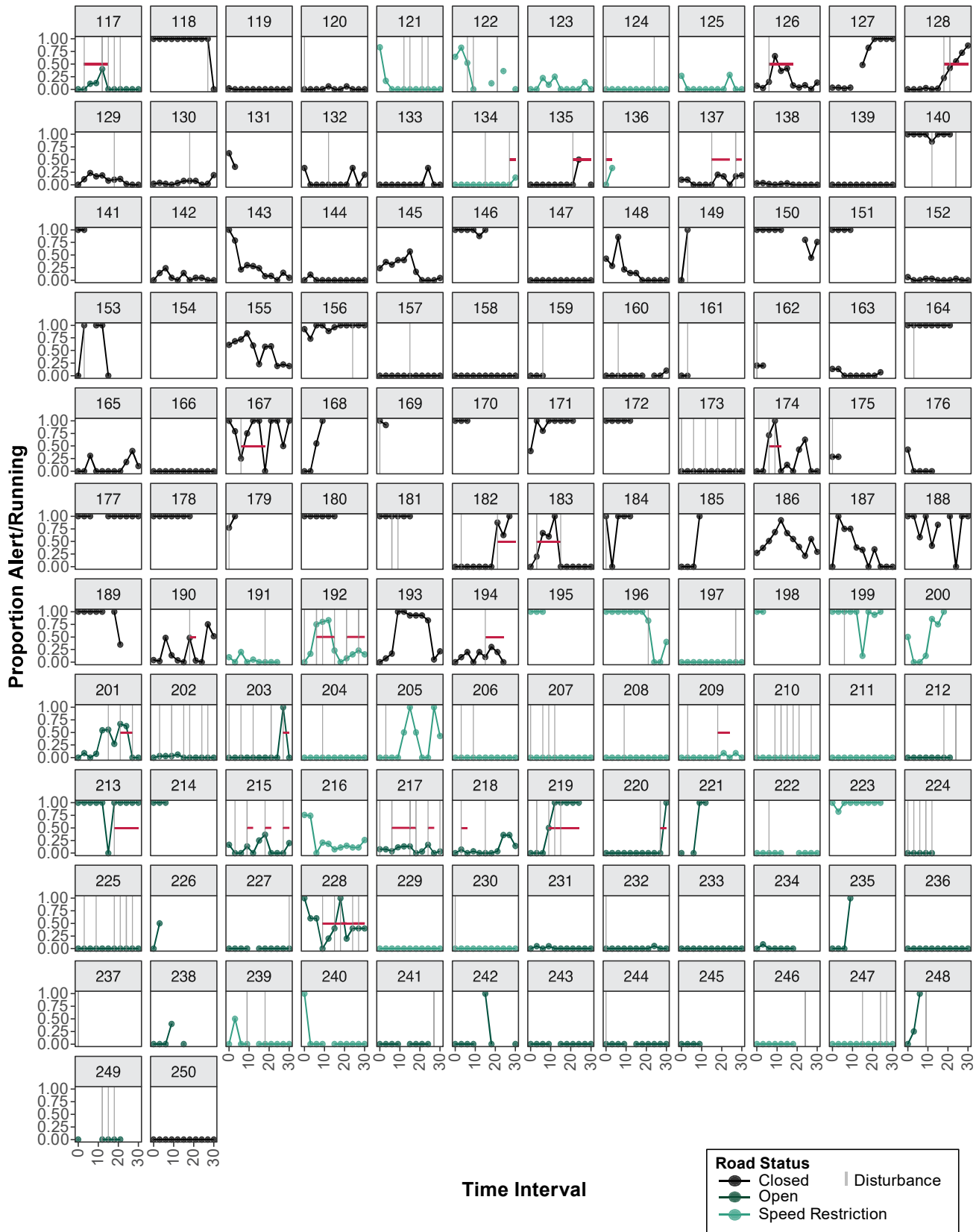


Figure C-2: Proportion of Alert or Running Caribou During Each Survey - 2021

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APPENDIX M

Exemption Permits



Department of Environment
Avatiliqiyikkut
Ministère de l'Environnement

May 17, 2021

Re: Exemption Permit to remove/destroy a raven nest from fuel tank in at mine site near Baker Lake

As per the notification from the Agnico Eagle Mines Limited, it is being requested for permission to remove/destroy a raven's nest on a fuel tank at the site near Baker Lake. The reason for this request is that nest poses a risk to the proper maintenance of the fuel tank and could possibly be a fire hazard.

Ravens and their nests are by law protected. Specifically, by section 72 of the *Wildlife Act* (Nunavut) which states:

72.(1) *Unless lawfully harvesting eggs, no person shall injure, molest or destroy an egg of a bird.*

72.(2) Unless lawfully harvesting down, no person shall injure, molest or destroy

(a) the nest of a bird when the nest is occupied by a bird or its eggs; or

(b) the nest of a bird of prey or prescribed bird.

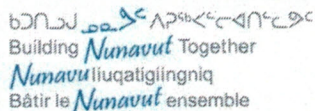
Also, pursuant to the prescribed matter regulations, ravens are a prescribed bird for the purposes of Section 72(2)(b) of the *Wildlife Act*.

Therefore:

- pursuant to section 72(1) of the *Wildlife Act* it is an offence to injure, molest or destroy a raven egg; and
- pursuant to section 72(2)(a) of the *Wildlife Act* it is an offence to injure, molest or destroy an occupied raven nest; and
- pursuant to Section 72(2)(b) of the *Wildlife Act* it is an offence to injure, molest or destroy an occupied raven nest.



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