



## June 21, 2019 Payload 2 Daily Flight Report



**Date:** 2019-06-21

**Flight Campaign ID:** 2019\_P2C1

**Airport, FBO ID, City:** Fairbanks International Airport (PAFA) - Fairbanks, AK

**Domain:** 19

**Sites Flown:** Transit

**Days left in Domain:** 9 (1<sup>st</sup> stint)

**Report Author:** Mitch Haynes

**Flight Crew:** Mitch Haynes

**Ground/GPS:** Abe Morrison

**Pilots:** Stephen Brawders, Mark Solper

**Additional Personnel:**

**GPS Instruments:** n/a

**Flight Hours:** CYXJ–CYXY (3:57) + CYXY-PAFA (2:10)

**Hours until maintenance:** 82.82

### Summary

The Twin Otter N70AR passed through customs and arrived in Fairbanks today after another long day of less than ideal weather while transiting across Canada. System is currently in the process of being pumped and cooled down to spec in anticipation of starting D19 flights on Monday.

Note: Crew will base in Fairbanks for D19 flights 6/24-6/30 and 7/28-8/20 and Deadhorse for D18 flights 7/2-7/26. This is to better align with D18 peak greenness periods. D19 site Caribou Creek-Poker Flats Watershed (BONA) will only be flown during the second D19 stint (7/28-8/20) to better align with the scheduled foliar sampling there.

### Concerns

None

### Comments

- Hotel Kit 2 has been set up and is online. The 2019061615 D17-TEAK Flight with the waveform to discrete ratio issue is being looked into currently. A re-extraction of this flight is likely. Once that is complete, the 2019061715 D17-TEAK flight will be extracted.
- Flights on RAID 2019\_P2C1\_12 were deemed corrupted, however data on the D:Drive looks okay. Flight data from this RAID will be resent shortly.
- Happy summer solstice!



**Above-** Northern Rocky Mountains Provincial Park, BC, Canada **Below-** Tuchodi river and lakes, same park



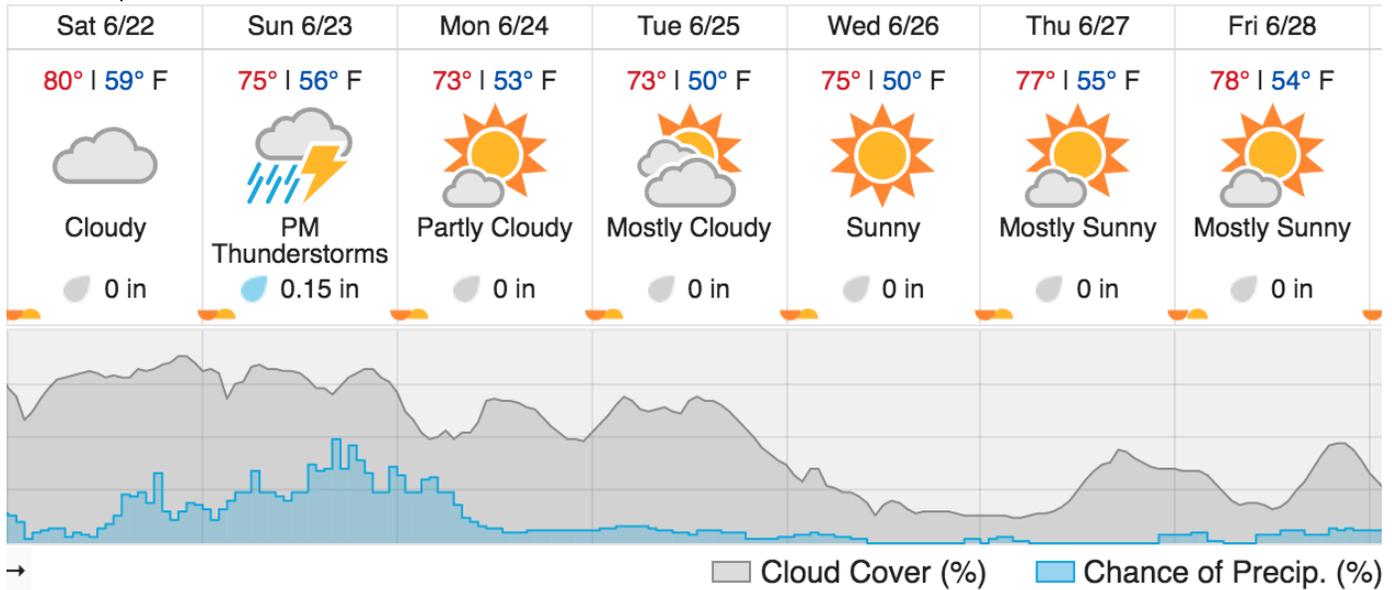


**Above:** Somewhere in the Canadian Rockies **Below:** Avoiding a huge line of thunderstorms once we crossed into Alaska



## Weather Forecasts

Fairbanks, Alaska



### Flight Collection Plan for 22-23 June 2019

Pumping and Cooling of Systems

### Flight Collection Plan for 24 June 2019

#### **Flyority 1:**

Collection Area: Delta Junction (DEJU)

Flight Plan Name: D19\_DEJU\_R1\_P1\_730max\_v3.pln

On-station Time: 1840 UTC / 1040 L

#### **Flyority 2:**

Collection Area: Healy (HEAL)

Flight Plan Name: D19\_HEAL\_R3\_P1\_730max\_v1.pln

On-station Time: 1850 UTC / 1050 L

#### **Flyority 3:**

Collection Area: Nominal Runway – D19

Flight Plan Name: D19\_N19A\_Nominal\_Runway\_Test\_v1.pln

On-station time: n/a

**Crew:** Mitch Haynes (Lidar), Cameron Chapman (NIS)