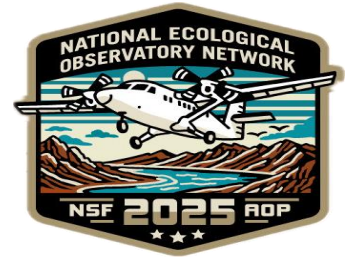




Payload 2 Daily Flight Report



Date: 2025-07-18

Flight Campaign ID: P2C1

Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK; Fairbanks International Airport (PAFA) - Fairbanks, AK

Aircraft: N615AR

Domain: 19 (Taiga)

Sites Flown: Transit ()

Days left in Domain: 20

Report Author: Nick

Lidar Operators: Nick **Flight Hours:** 02:20

Spectrometer Operators: **Hours until maintenance:** 0.00

Pilots: Manning, Vince

Ground Crew: Alyssa

Summary

The payload transited from Deadhorse AK to Fairbanks AK for upcoming D19 additional sites. The payload made it though IMC and icing conditions during the transit. The payload is at operating conditions.

Concerns

A replacement Precious GPU was shipped to Fairbanks after the one on hand failed during plug in. The payload is being powered by the FBO's ground power unit.

Comments

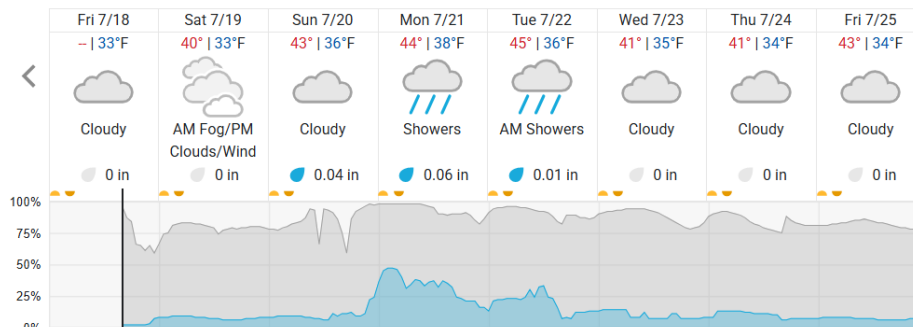
John M has built flight plans for the D19 flight areas.

Mike rotates in. Welcome Mike!

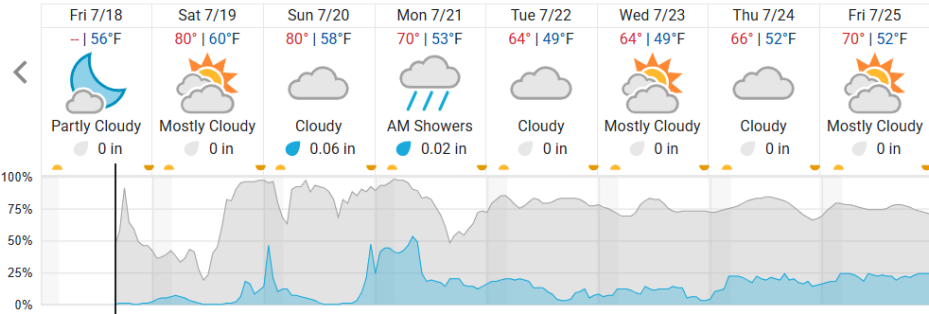
Alyssa rotates out. Thanks for the great work!

Weather Forecast

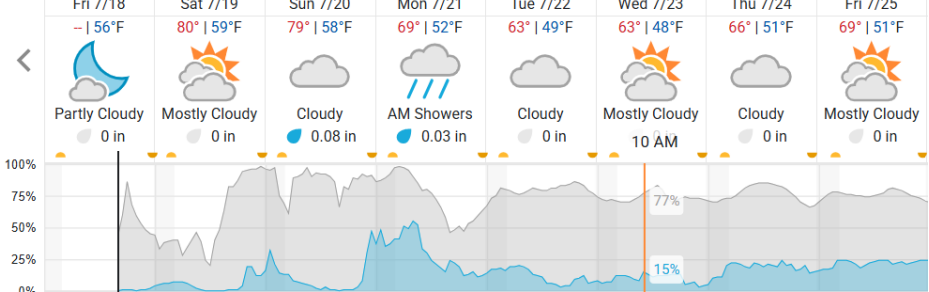
Utqiagvik, AK (BARR)



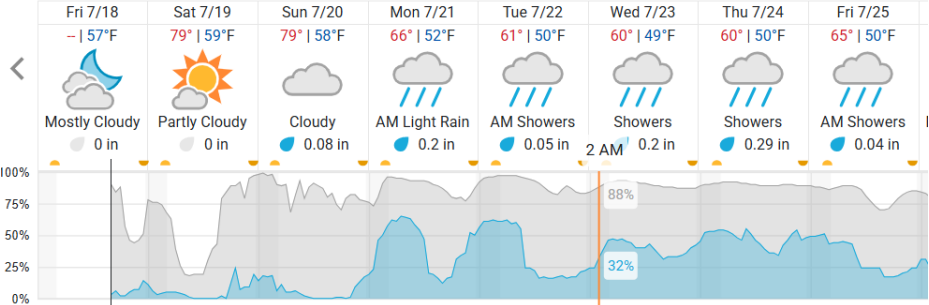
Fairbanks AK (FBO-PAFA)



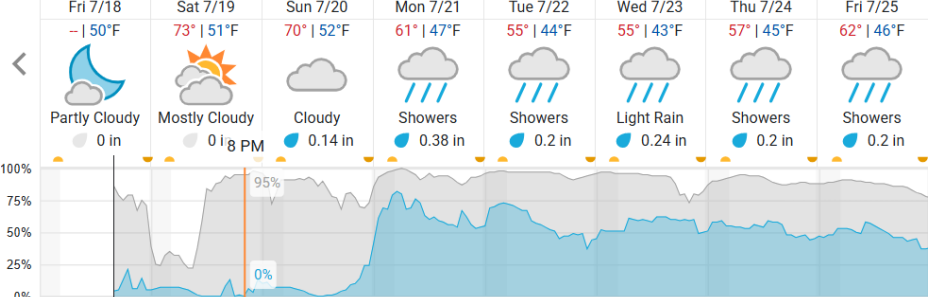
Goldstream Creek, AK (Caribou Creek – Poker Flats Watershed – BONA)



Delta Junction, AK (Delta Junction -DEJU)



Healy, AK (Healy – HEAL)



source: wunderground.com

Flight Collection Plan for July 19th 2025

Flyority 1

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box (*once in peak greenness*)

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v6_VQ780

On-Station Time: (35 degrees): 2010 UTC / 1210 L

Flyority 2

Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box

Flight Plan Name: D18_BARR_R1_P2_v5_Q780.pln

On-Station Time: (35 degrees): 2010 UTC / 1210 L

Flyority 3

Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box

Flight Plan Name: D18_BARR_R1_P3_v5_Q780.pln

On-Station Time: (35 degrees): 2010 UTC / 1210 L

Flyority 4

Collection Area: Caribou Creek – Poker Flats Watershed – BONA

Flight Plan Name: D19_BONA_C1_P1_v3_VQ780

On-Station Time: (35 degrees): 1840 UTC / 1040 L

Flyority 5

Collection Area: Healy - HEAL

Flight Plan Name: D19_HEAL_R3_P1_v3_Q780

On-Station Time: (35 degrees): 1840 UTC / 1040 L

Flyority 6

Collection Area: Delta Junction -DEJU

Flight Plan Name: TBD

On-Station Time: (35 degrees): 1840 UTC / 1040

Crew: Nick (Lidar), Mike (NIS)