



Payload 2 Daily Flight Report

Date: 2025-07-23

Flight Campaign ID: P2C1

Airport, FBO ID, City: Fairbanks International Airport - Fairbanks, AK

Aircraft: N615AR

Domain: 19 (Taiga)

Sites Flown: None

Days left in Domain: 15

Report Author: Nick

Lidar Operators: Nick

Flight Hours: 00:00

Spectrometer Operators: Mike

Hours until maintenance: 0.00

Pilots: Vince, Manning

Summary

Low clouds and scattered showers continued to prevent flights today. Forecasts for this weekend look promising for D19 sites. BARR still does not look favorable in the near future.

Concerns

None.

Comments

The pallet arrived today from Deadhorse AK. The Hotel Kit is set up and extracting the flight from HEAL (2025072017). John arrives at Fairbanks AK. Welcome back John!

Pictures

None.

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46														

Flown: 2% (1/46)

Green: 0% (0/46)

Yellow: 2% (1/46)

Red: 0% (0/46)

* Flown within 35deg solar angle

D19|DEJU (Delta Junction)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32								

Flown: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

* Flown within 35deg solar angle

D19|HEAL (Healy)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33							

Flown: 33% (11/33)

Green: 0% (0/33)

Yellow: 33% (11/33)

Red: 0% (0/33)

* Flown within 35deg solar angle

Flight Collection Plan for July 24, 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: Mike (lidar), John (NIS)