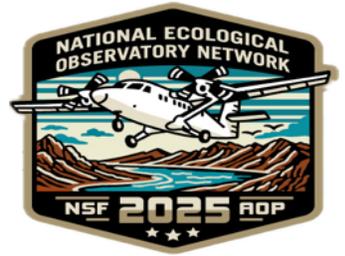




Payload 2 Daily Flight Report



Date: 2025-08-03

Flight Campaign ID: P2C1

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

Aircraft: N615AR

Domain: 19 (Taiga)

Sites Flown: BONA (Caribou Creek and Poker Flats Watershed), HEAL (Healy)

Days left in Domain: 3

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: John

Hours until maintenance: 60.47

Pilots: Manning, Vince

GPS Instruments: None

Summary

Scattered rain showers prevented us from getting airborne today.

Concerns

None.

Comments

None.

Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (*)

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: 100% (46/46)

Green: 59% (27/46)

Yellow: 9% (4/46)

Red: 33% (15/46)

* 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: 31% (10/32)

Green: 16% (5/32)

Yellow: 9% (3/32)

Red: 6% (2/32)

* 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: 100% (33/33)

Green: 0% (0/33)

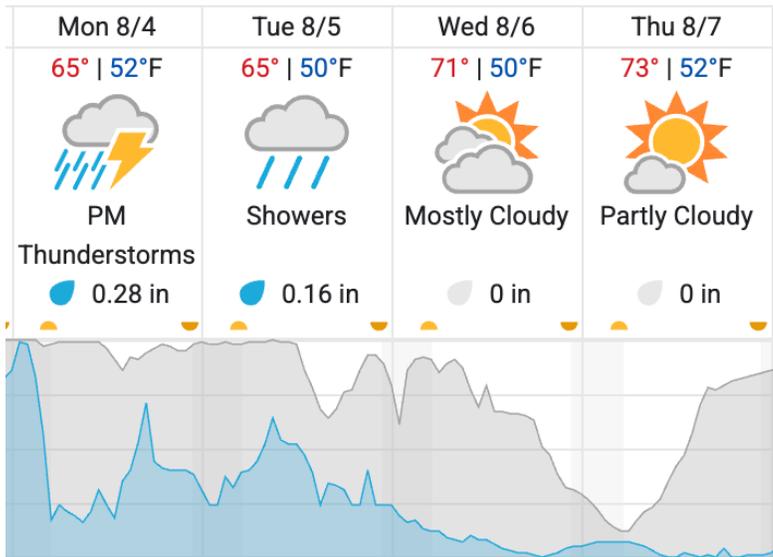
Yellow: 48% (16/33)

Red: 52% (17/33)

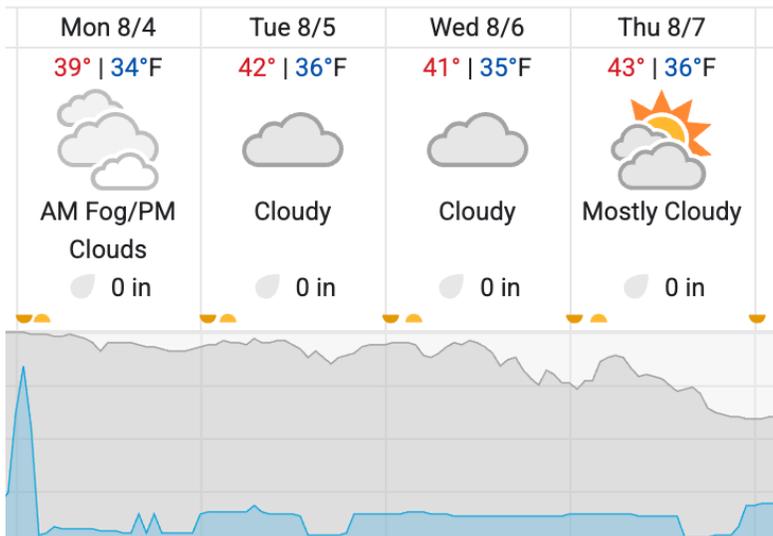
* Flown within 35deg solar angle

Weather Forecast

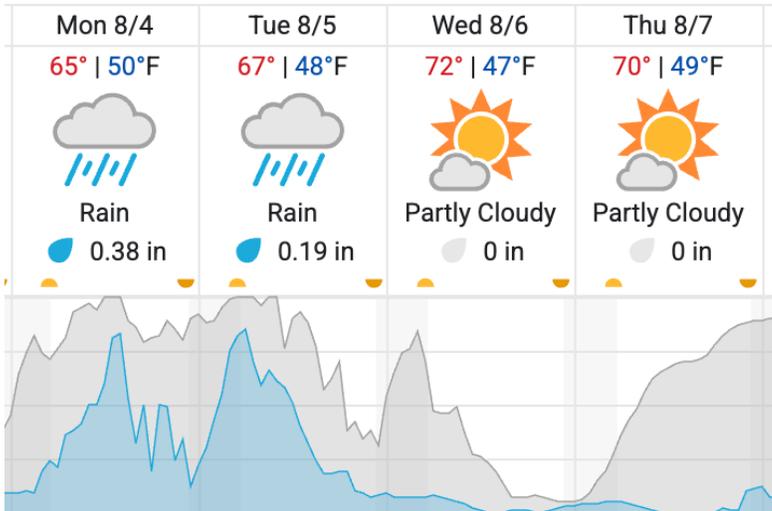
Fairbanks, AK (FBO-PAFA, BONA)



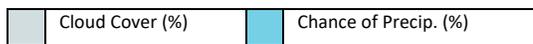
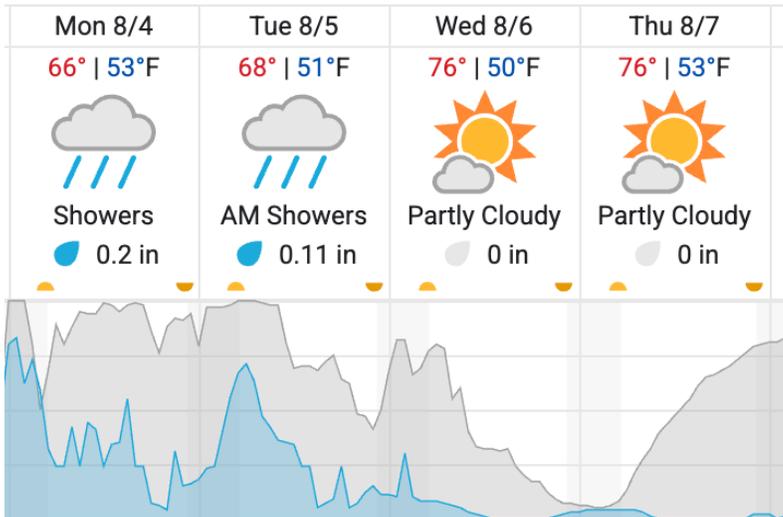
Utqiagvik, AK (BARR)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



source: wunderground.com

Flight Collection Plan for August 4th 2025

Flyority 1

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v6_VQ780

On-Station Time: (35 degrees): 2140 UTC / 1340 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): 2140 UTC / 1340 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): 2140 UTC / 1340 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): 1920 UTC / 1120 L

Flyority 5

Collection Area: Healy - HEAL

Flight Plan Name: D19_HEAL_R3_P1_v3_Q780

On-Station Time: (35 degrees): 1900 UTC / 1100 L

Flyority 6

Collection Area: Delta Junction -DEJU

Flight Plan Name: D19_DEJU_R1_P2_v6_VQ780

On-Station Time: (35 degrees): 1900 UTC / 1100 L

Crew: John (lidar), Mike (NIS)