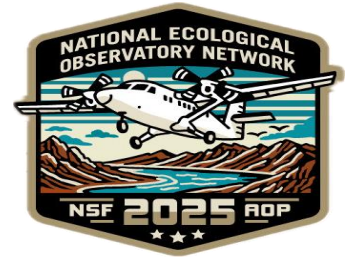




Payload 2 Daily Flight Report



Date: 2025-07-16

Flight Campaign ID: P2C1

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

Aircraft: N615AR

Domain: 18 (Tundra)

Sites Flown:

Days left in Domain: 1

Report Author: Nick

Lidar Operators: Nick

Flight Hours: 00:00

Spectrometer Operators: Alyssa

Hours until maintenance: 80.15

Pilots: Vince, Manning

Summary

Loudy skies prevent greening up OKSR while we wait for BARR to achieve peak greenness. Preparations are being made to relocate to Fairbanks on Friday 7/18 to include D19 sites to the collection list.

Concerns

None.

Comments

The pallet was shipped to Fairbanks today.

John M has begun creating flight plans for D19 sites.

The TOOL tower camera is being relocated to BONA.

Pictures

None.

Cumulative Domain Coverage

D18|BARR_P1 (Barrow Environmental Observatory Priority 1)

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					

Flown: 100% (35/35)

Green: 100% (35/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

* Flown within 35deg solar angle

D18|BARR_P2 (Barrow Environmental Observatory Priority 2)

36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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Flown: 47% (7/15)

Green: 47% (7/15)

Yellow: 0% (0/15)

Red: 0% (0/15)

* Flown within 35deg solar angle

D18|BARR_P3 (Barrow Environmental Observatory Priority 3)

51	52	53	54
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Flown: 0% (0/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

* Flown within 35deg solar angle

D18|OKSR (Oksrukuyik Creek)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 90% (19/21)

Green: 43% (9/21)

Yellow: 0% (0/21)

Red: 48% (10/21)

* Flown within 35deg solar angle

D18|TOOL (Toolik)

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	47	48	49	50	51									

Flown: 98% (50/51)

Green: 98% (50/51)

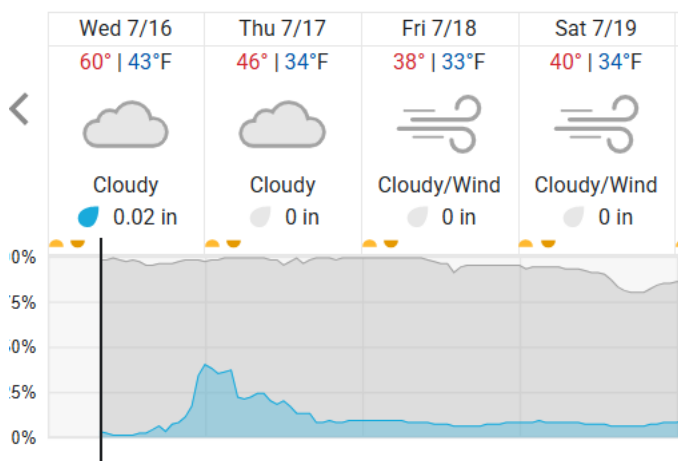
Yellow: 0% (0/51)

Red: 0% (0/51)

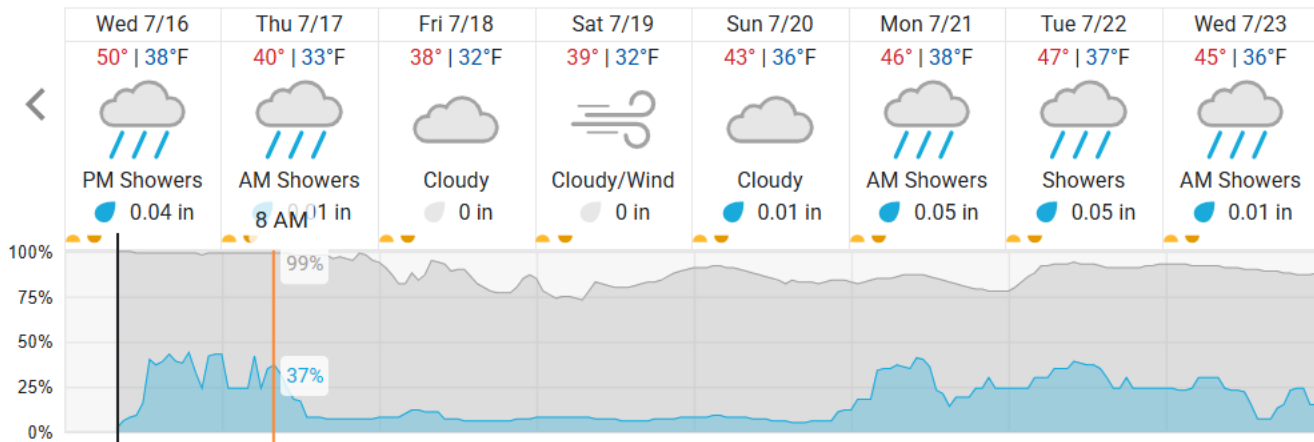
* Flown within 35deg solar angle

Weather Forecast

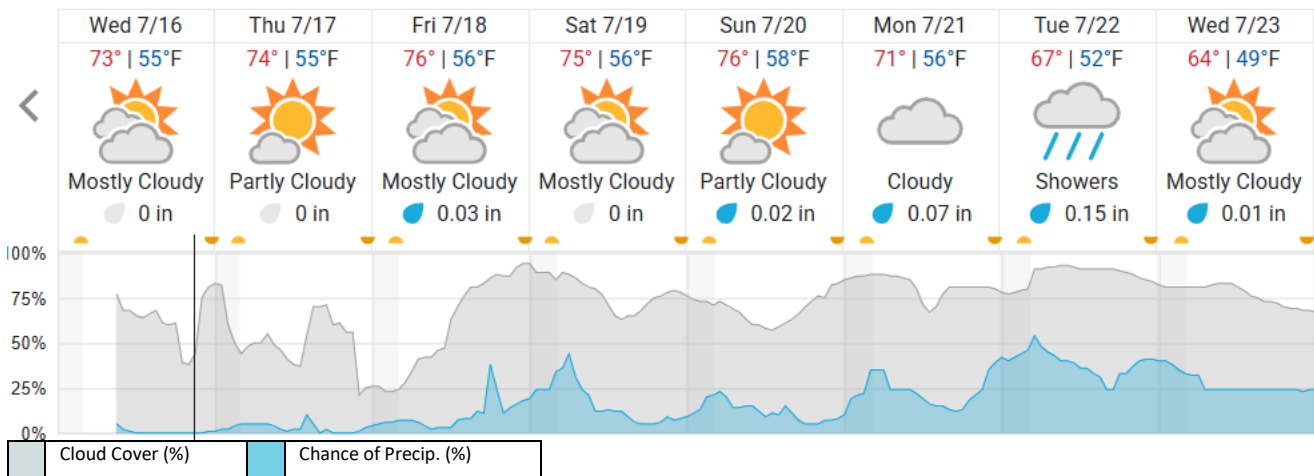
Prudhoe Bay, AK (FBO-PASC)



Utqiagvik, AK (BARR)



Fairbanks AK (FBO-PAFA)



source: wunderground.com

Flight Collection Plan for July 17, 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): 1950 UTC / 1150 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): 1950 UTC / 1150 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): 1950 UTC / 1150 L

Flyority 4

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v3_VQ780

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

Crew: Alyssa (Lidar), Nick (NIS)