



Payload 2 Daily Flight Report



Date: 2025-07-10
Flight Campaign ID: P2C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK
Aircraft: N615AR

Domain: 18 (Tundra)
Sites Flown: None
Days left in Domain: 26

Report Author: Alyssa
Lidar Operators: **Flight Hours:** 00:00
Spectrometer Operators: **Hours until maintenance:** 82.63
Pilots: Vince, Manning
Ground Crew: Elissa, Alyssa

Summary

Poor conditions at both sites and high winds in Deadhorse meant no flights today.

Concerns

Comments

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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 ()

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: 43% (9/21)
Green: 43% (9/21)
Yellow: 0% (0/21)
Red: 0% (0/21)
* Flown within 35deg solar angle

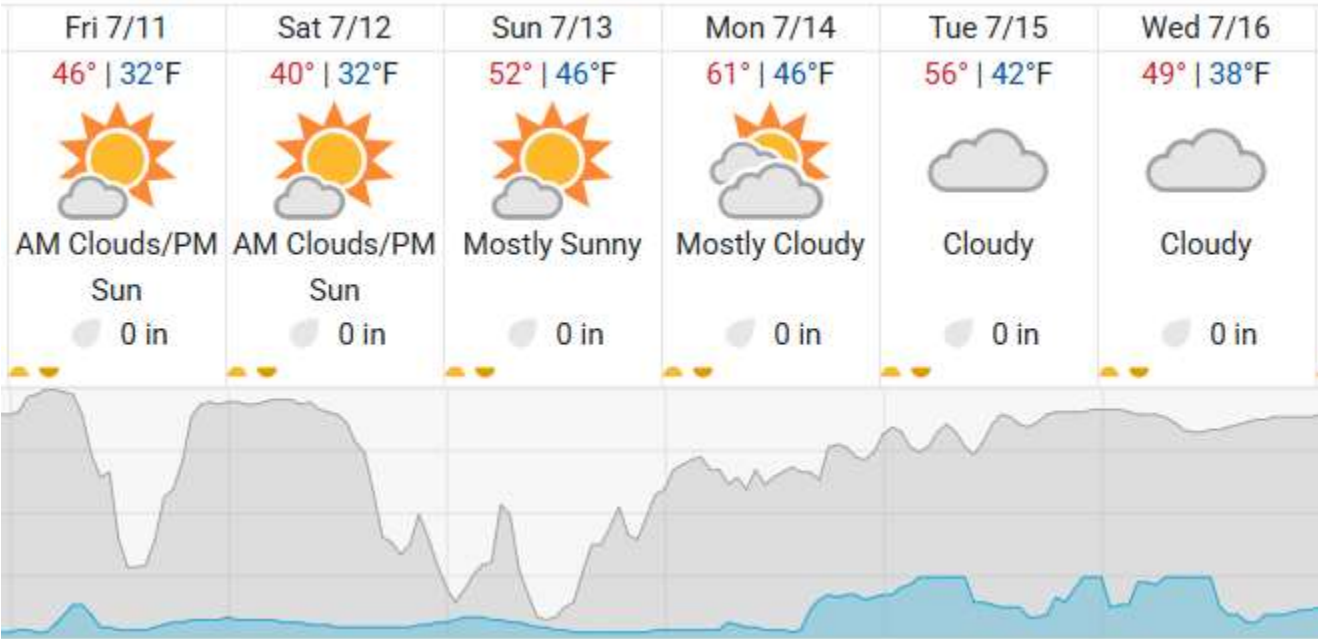
D18|TOOL (Toolik)

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									

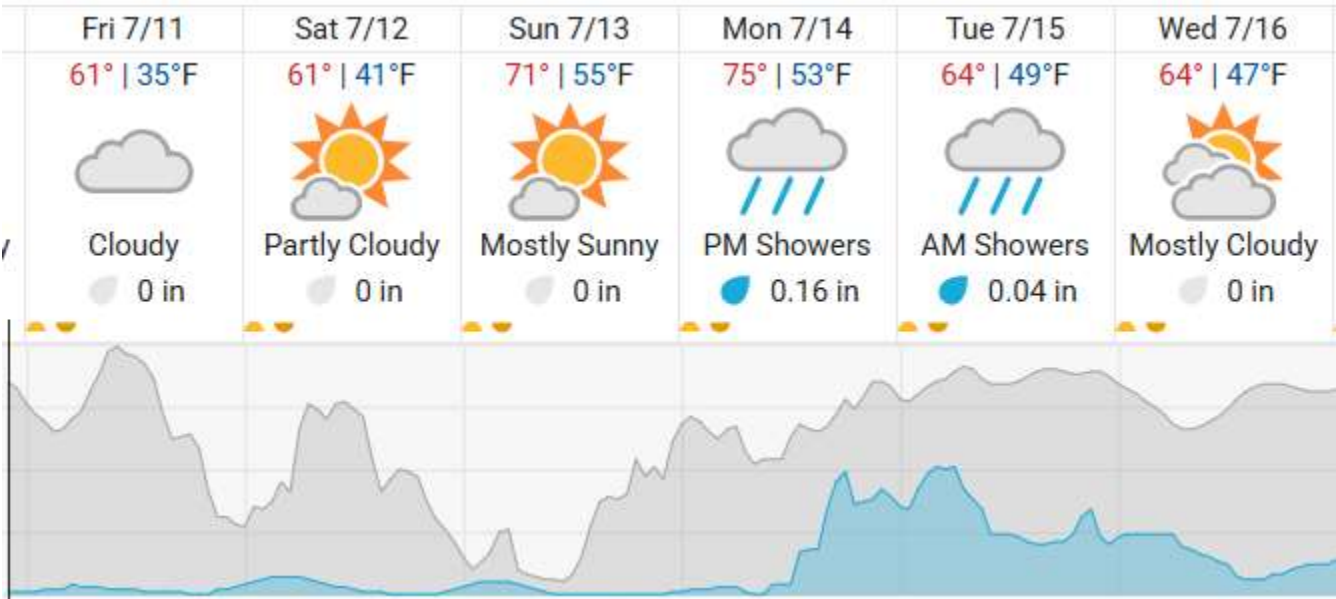
Flown: 98% (50/51)
Green: 98% (50/51)
Yellow: 0% (0/51)
Red: 0% (0/51)
* Flown within 35deg solar angle

Weather Forecast

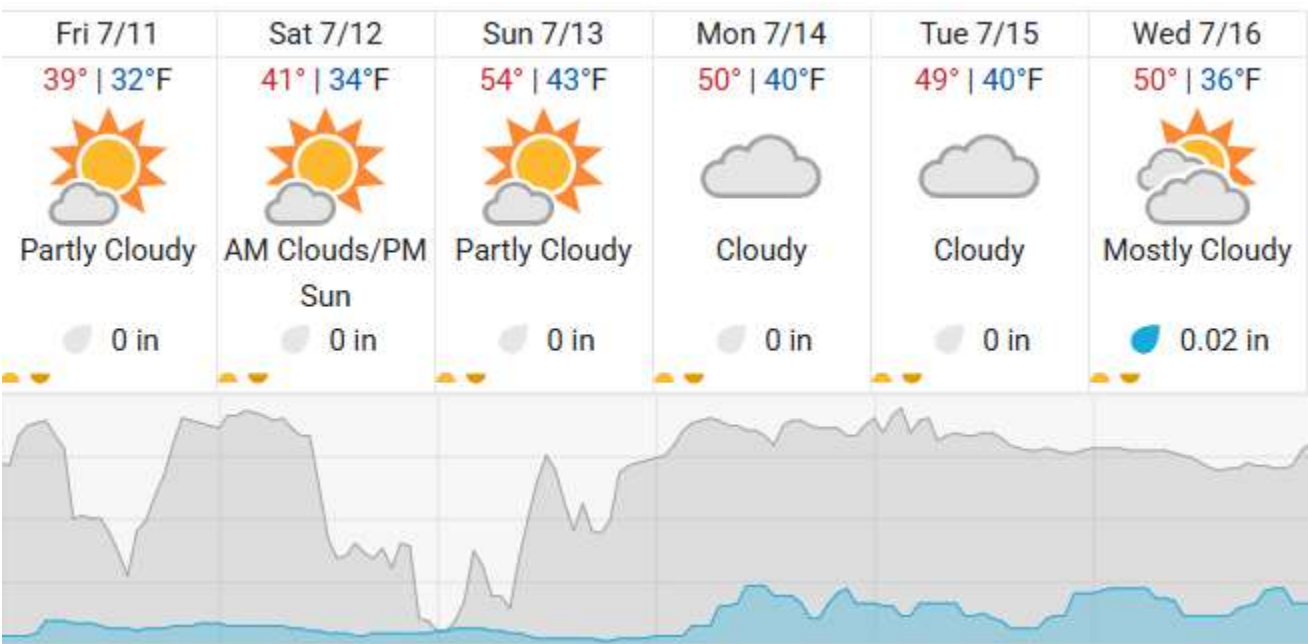
Prudhoe Bay, AK (FBO-PASC)



Toolik Lake, AK (TOOL, OKSR)



Utqiagvik, AK (BARR)



Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for July 11th 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): 1930 UTC / 1130 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): 1930 UTC / 1130 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): 1930 UTC / 1130 L

Flyority 4

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v3_VQ780
On-Station Time: (35 degrees): 1840 UTC / 1040 L

Crew: Elissa (Lidar), Alyssa (NIS)