



## Payload 2 Daily Flight Report

**Date:** 2025-07-08

**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:** 28

**Report Author:** Alyssa

**Lidar Operators:** N/A

**Flight Hours:** 00:00

**Spectrometer Operators:** N/A

**Hours until maintenance:** 82.63

**Pilots:** Manning, Vince

**Ground Crew:** Elissa, Alyssa

### Summary

Had a call with Andrew and Brendan today to do some more troubleshooting/diagnostics for the IX controller. Waiting for green conditions to finish OKSR box, and peak greenness at BARR.

### Concerns

### Comments

DCC connection to Dropbox issue resolved, thank you Andrew!

### Pictures

*Chamerion latifolium* near the DAC



## 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)

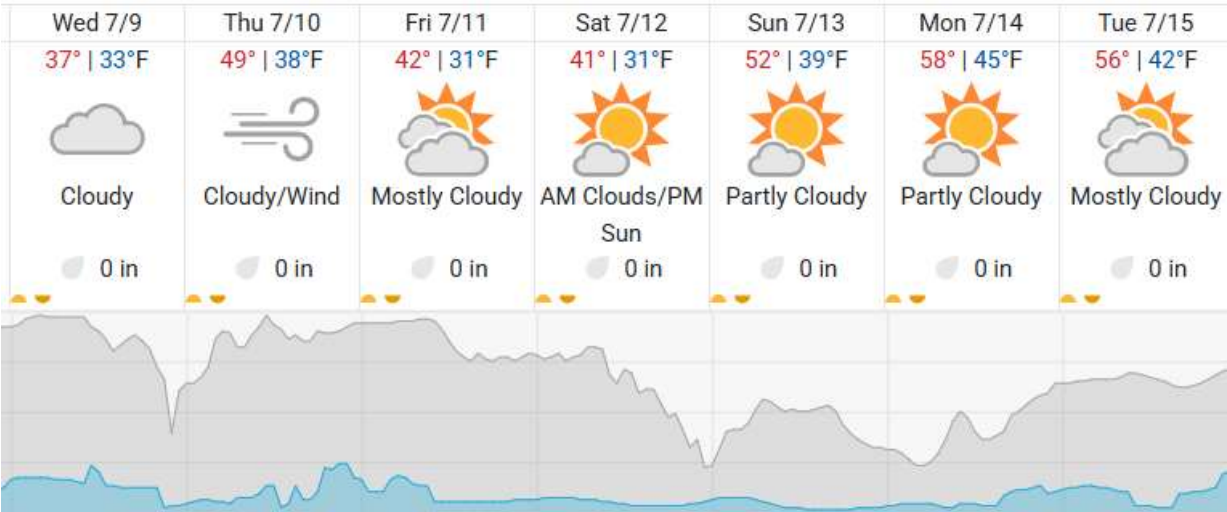
Yellow: 0% (0/51)

Red: 0% (0/51)

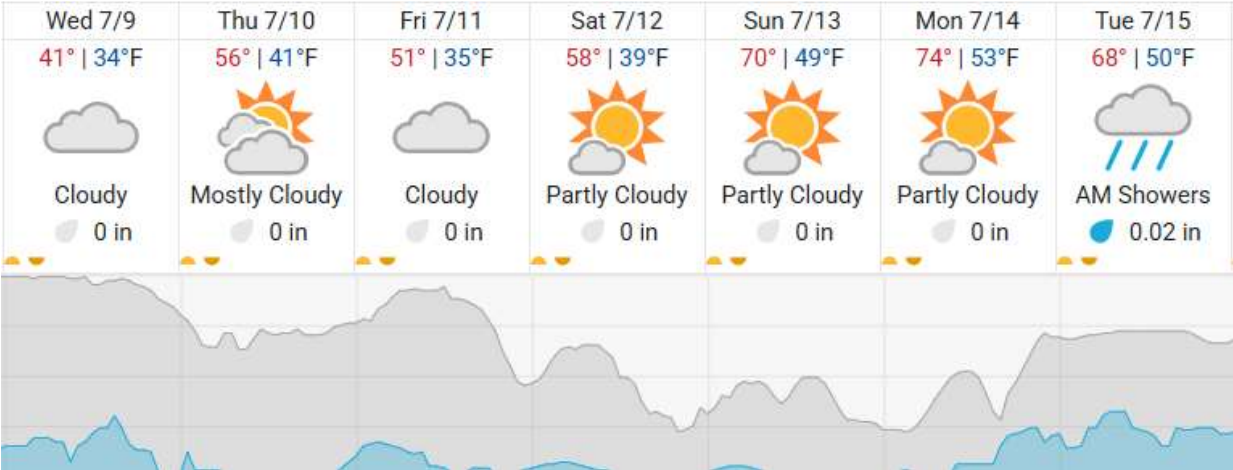
\* Flown within 35deg solar angle

Weather Forecast

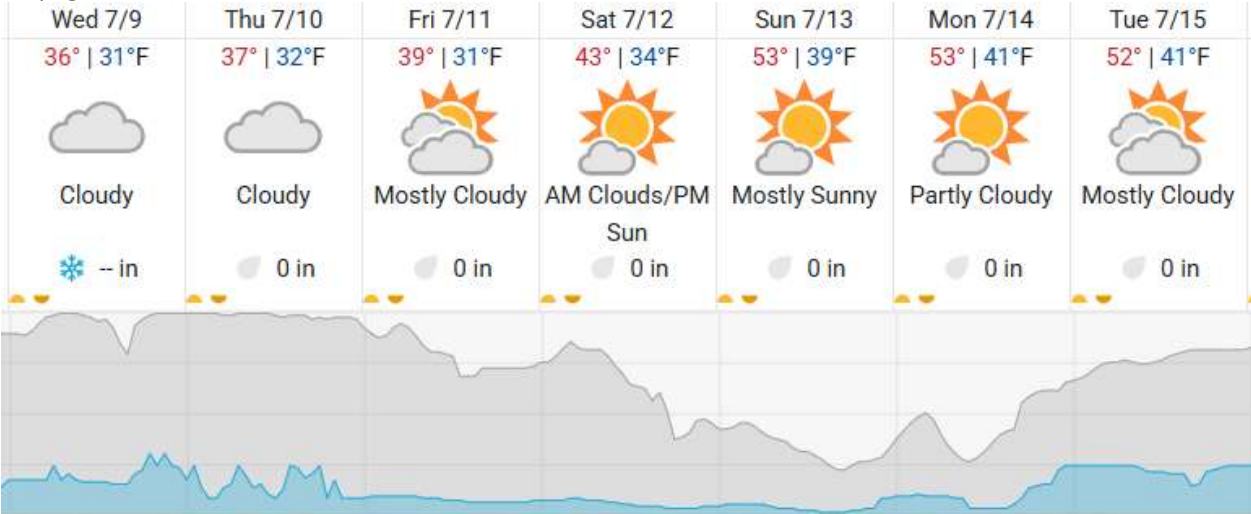
Prudhoe Bay, AK (FBO-PASC)



Toolik Lake, AK (TOOL, OKSR)



Utqiagvik, AK (BARR)



Cloud Cover (%)

Chance of Precip. (%)

## **Flight Collection Plan for July 9<sup>th</sup> 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)