



## Payload 1 Daily Flight Report



**Date:** 2022-07-28

**Flight Campaign ID:** P1C1

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

**Aircraft:** N331AR

**Domain:** 18 (Tundra)

**Sites Flown:** None

**Days left in Domain:** 25

**Report Author:** Cameron

**Lidar Operators:** Cameron

**Flight Hours:** 00:00

**Spectrometer Operators:** Elissa

**Hours until maintenance:** 85.75

**Pilots:** Jeremy , Vince

**Ground Crew:** Abe

### Summary

A wintery mix of rain and snow moved through the area today. No flights were conducted.

### Concerns

- None

### Comments

- The GPS battery will be charged and replaced tomorrow.
- Elissa will depart D18 tomorrow.

### Daily Coverage

Estimated Cloud Cover Key

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

**Flight Screenshots:** None

**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: 0% (0/35)

Green: 0% (0/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

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: 0% (0/15)  
Green: 0% (0/15)  
Yellow: 0% (0/15)  
Red: 0% (0/15)

D18|BARR\_P3 ( )

54	55	56	57
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Flown: 0% (0/4)  
Green: 0% (0/4)  
Yellow: 0% (0/4)  
Red: 0% (0/4)

D18|N18A (D18 Nominal Runway)

1
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Flown: 0% (0/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 0% (0/1)

D18|OKSR (Oksrukuyik Creek )

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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21
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Flown: 0% (0/21)  
Green: 0% (0/21)  
Yellow: 0% (0/21)  
Red: 0% (0/21)

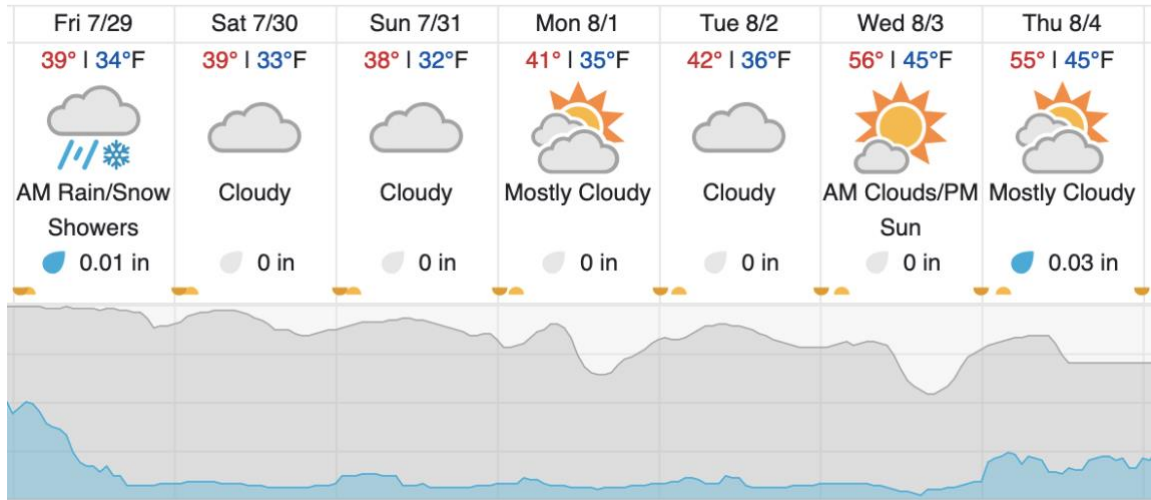
D18|TOOL (Toolik )

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												

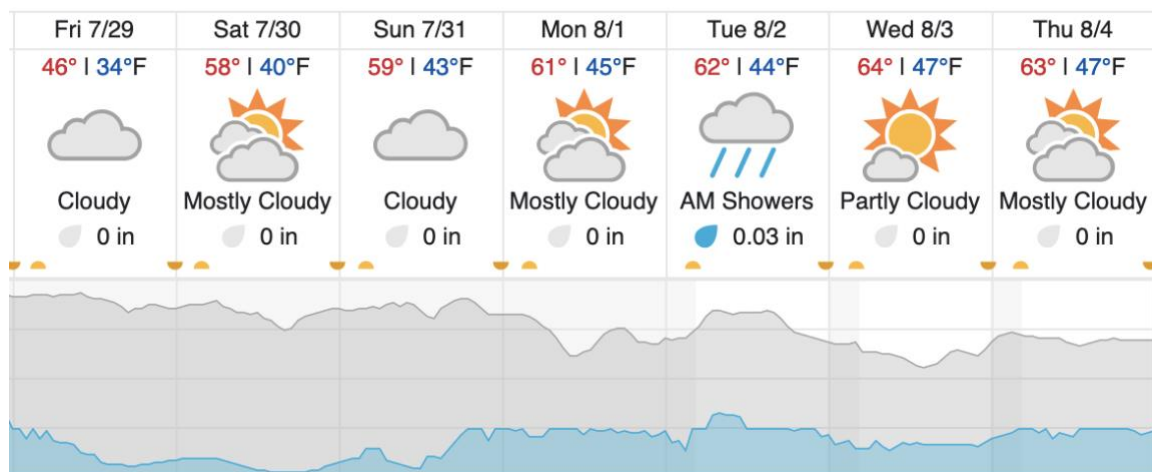
Flown: 0% (0/48)  
Green: 0% (0/48)  
Yellow: 0% (0/48)  
Red: 0% (0/48)

Weather Forecast

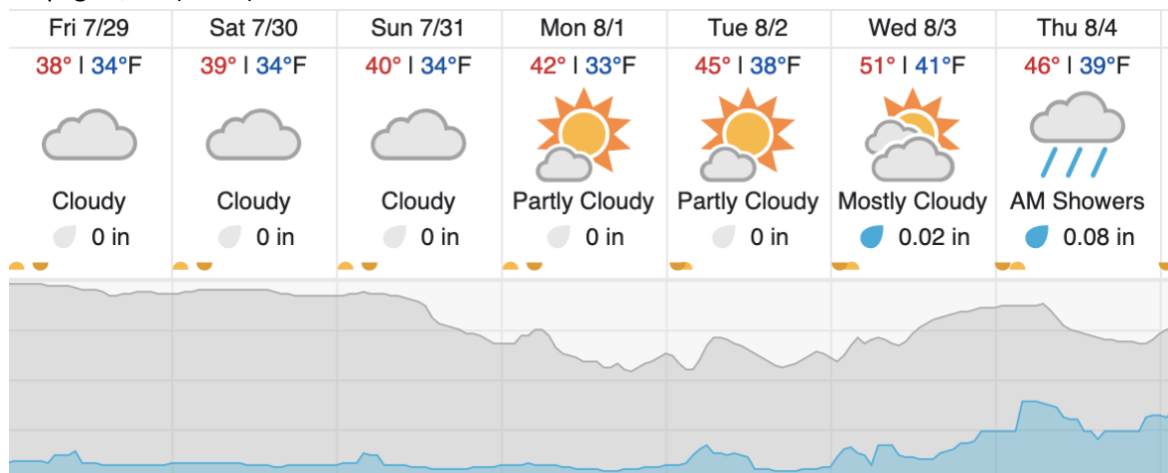
Deadhorse, AK (FBO)



## Alyeska Pipeline Pump Station 2, AK (TOOL)



## Utqiagvik, AK (BARR)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

## Flight Collection Plan for 29 July 2022

### Flyority 1/2

Collection Area: Toolik Lake (TOOL)

Flight Plan Name: D18\_TOOL\_C1\_P1\_v3\_PRM.xml

On-station Time: 1930 UTC / 1130 L (35deg)

### Flyority 1/2

Collection Area: Barrow Environmental Observatory (BARR) – P1 Flight Box

Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v5\_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

### Flyority 3

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18\_OKSR\_A1\_P1\_v2\_PRM

On-station Time: 1930 UTC / 1130 L (35deg)

**Flyority 4**

Collection Area: Barrow Environmental Observatory (BARR) – P2 Flight Box

Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v5\_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

**Flyority 5**

Collection Area: Barrow Environmental Observatory (BARR) – P3 Flight Box

Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v5\_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

**Flyority 6**

Collection Area: Nominal Runway – D18

Flight Plan Name: D18\_N18A\_Nominal\_Runway\_Test\_v1\_PRM.xml

On-station Time: N/A

**Crew:** Abe (Lidar), Cam (NIS)