



## Payload 1 Daily Flight Report



**Date:** 2022-08-16

**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:** 7

**Report Author:** Ian

**Lidar Operators:** Ian

**Spectrometer Operators:** Mike

**Pilots:** Jeremy, Vince

**Flight Hours:** 00:00

**Hours until maintenance:** 70.55

**GPS Instruments:** None

### **Summary**

Poor weather and IFR conditions persisted throughout the region today, preventing any possibility of flights. Mitch arrives this evening, hopefully with some sunshine in tow.

### **Concerns**

None

### **Comments**

None

### **Photos**



Low clouds at Toolik Lake (above) and Barrow (below).

Barrow (Utqiagvik) (SW)

14:49 08/16/22 (UTC)

06:49 08/16/22 (AKDT)



FAA advisory weather product

### Cumulative Domain Coverage

D18|TOOL (Toolik )

1	XS	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: 100% (50/51)

Green: 0% (0/51)

Yellow: 0% (0/51)

Red: 100% (50/51)

D18|OKSR (Oksrukuyik Creek )

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

Flown: 100% (20/21)

Green: 0% (0/21)

Yellow: 0% (0/21)

Red: 100% (20/21)

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
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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

D18|BARR\_P3 (Barrow Environmental Observatory Priority 3)

54	55	56	57
----	----	----	----

Flown: 0% (0/4)  
 Green: 0% (0/4)  
 Yellow: 0% (0/4)  
 Red: 0% (0/4)

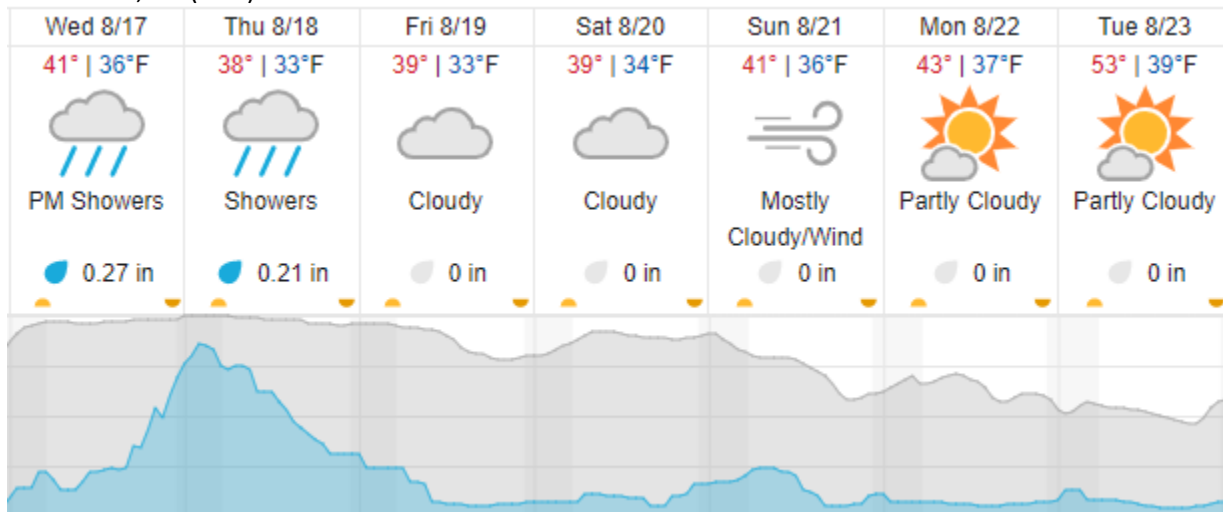
D18|N18A (D18 Nominal Runway)

1	2
---	---

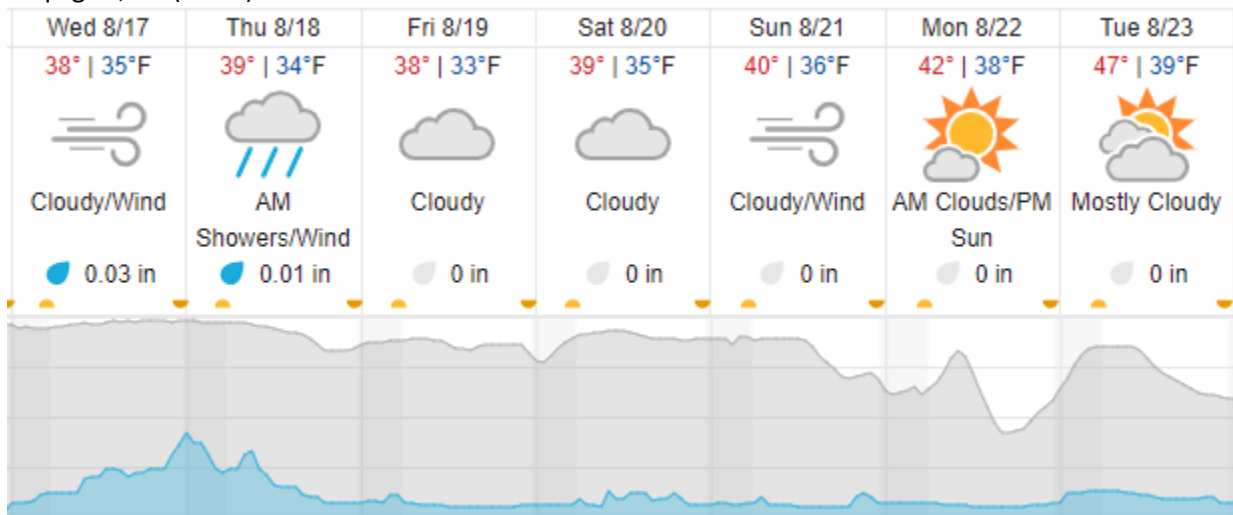
Flown: 100% (2/2)  
 Green: 0% (0/2)  
 Yellow: 0% (0/2)  
 Red: 100% (2/2)

**Weather Forecast**

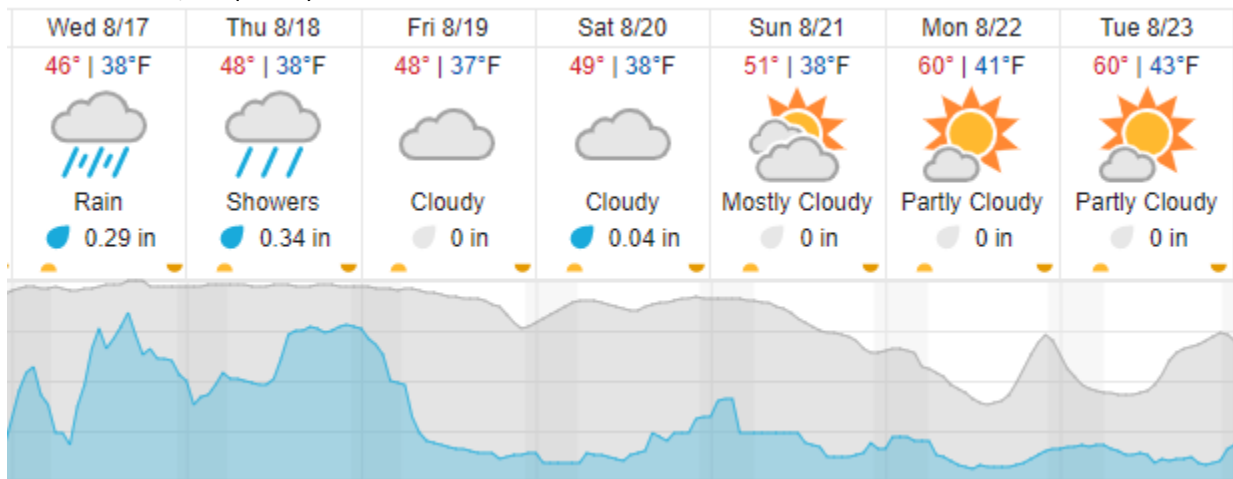
Deadhorse, AK (FBO)



Utqiagvik, AK (BARR)



Galbraith Lake, AK (TOOL)



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

source: wunderground.com

**Flight Collection Plan for 17 August 2022**

**Flyority 1**

Collection Area: Barrow Environmental Observatory (BARR) – P1 Flight Box  
 Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v5\_PRM.xml  
 On-station Time: 2100 UTC / 1300 L (30deg)

**Flyority 2**

Collection Area: Barrow Environmental Observatory (BARR) – P2 Flight Box  
 Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v5\_PRM.xml  
 On-station Time: 2100 UTC / 1300 L (30deg)

**Flyority 3**

Collection Area: Barrow Environmental Observatory (BARR) – P3 Flight Box  
 Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v5\_PRM.xml  
 On-station Time: 2100 UTC / 1300 L (30deg)

**Flyority 4** Collection Area: Toolik Lake (TOOL)

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

On-station Time: 1940 UTC / 1140 L (30deg) – ONLY IF GREEN

**Flyority 5**

Collection Area: Oksrukuyik Creek (OKSR)

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

On-station Time: 1940 UTC / 1140 L (30deg) – ONLY IF GREEN

**Crew:** Mike (Lidar), Ian (NIS), Mitch (ground)