



July 8, 2019 Payload 2 Daily Flight Report



**Date:** 2019-07-08  
**Flight Campaign ID:** 2019\_P2C1  
**Airport, FBO ID, City:** Deadhorse Airport (PASC) - Deadhorse, AK

**Domain:** 18  
**Sites Flown:** None  
**Days left in Domain:** 18

**Report Author:** Michael Wussow  
**Flight Crew:** Michael Wussow, Matt Devoe  
**Ground/GPS:** None  
**Pilots:** Stephen Brawdgers, Mark Solper  
**Additional Personnel:**  
**GPS Instruments:** None

**Flight Hours:** 00:00  
**Hours until maintenance:** 67.00

**Summary**

Low IFR in Deadhorse all day prevented the opportunity for takeoff. It was a nice day at Toolik however there were many high cirrus clouds above the site. No flights were conducted.

**Concerns**

None

**Comments**

Today Andrew resolved a number of QA issues with the past two flights. Thanks for keeping us on track Andrew!

**Cumulative Domain Coverage**

**BARR\_P1**

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: 31% (11/35)  
Green: 0% (0/35)  
Yellow: 31% (11/35)  
Red: 0% (0/35)

**BARR\_P2**

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)

**N18A**

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

**TOOL**

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: 23% (11/48)

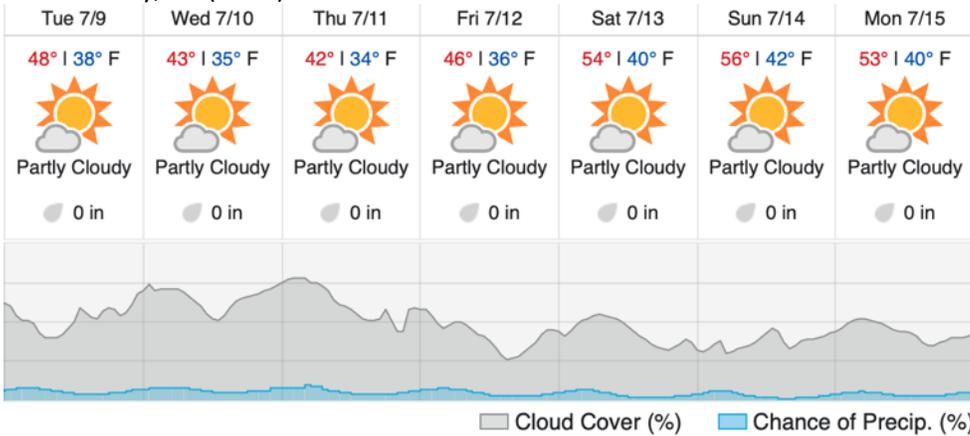
Green: 0% (0/48)

Yellow: 0% (0/48)

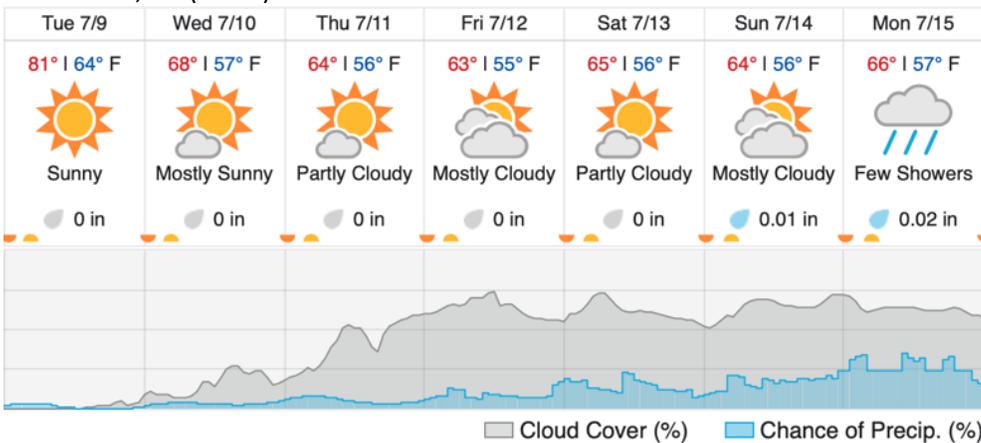
Red: 23% (11/48)

**Weather Forecast**

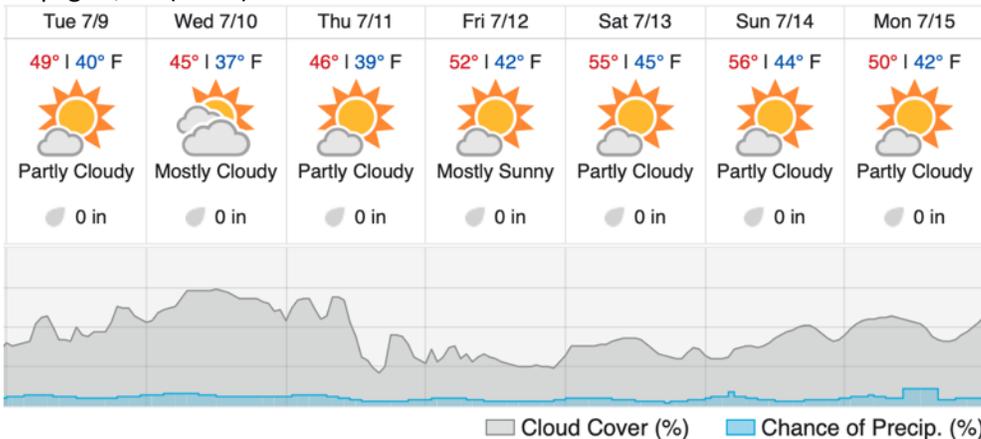
**Prudhoe Bay, AK (PASC)**



**Toolik Lake, AK (TOOL)**



**Utqiagvik, AK (BARR)**



## **Flight Collection Plan for 09 July 2019**

### **Flyority 1:**

Collection Area: Toolik (TOOL)

Flight Plan Name: D18\_TOOL\_C1\_P1\_v1.pln

On-station Time: 1840 – 0120 UTC / 1040 – 1720 L (35° solar angle)

### **Flyority 2:**

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box

Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v4.pln

On-station Time: 1930 – 0130 UTC / 1130 – 1730 L (35° solar angle)

### **Flyority 3:**

Collection Area: Barrow Environmental Observatory (BARR) - Priority 2 Flight Box

Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v4.pln

On-station time: 1930 – 0130 UTC / 1130 – 1730 L (35° solar angle)

### **Flyority 4**

Collection Area: Barrow Environmental Observatory (BARR) - Priority 3 Flight Box

Flight Plan Name: D18\_BARR\_R1\_P1\_P2\_P3\_v4.pln

On-station time: 1930 – 0130 UTC / 1130 – 1730 L (35° solar angle)

### **Flyority 5**

Collection Area: Barrow Environmental Observatory (BARR) - Priority 1 Flight Box – 750m AGL Initial Collect

Flight Plan Name: D18\_BARR\_R1\_P1\_v3b\_760m\_AGL.pln (use only if cloud heights do not permit flights at 1000m AG)

On-station time: 1930 – 0130 UTC / 1130 – 1730 L (35° solar angle)

### **Flyority 6**

Collection Area: Nominal Runway – D18

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

On-station time: N/A

**Crew:** Matt Devoe (Lidar), Mike Wussow (NIS)

## **Flight Collection Plan for 10 July 2019**

**Flyority 1-6:** Same as previously briefed

**Crew:** Mike Wussow (Lidar), Matt Devoe (NIS)