



## July 2, 2019 Payload 2 Daily Flight Report

**Date:** 2019-07-02

**Flight Campaign ID:** 2019\_P2C1

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

**Domain:** 18

**Sites Flown:** none

**Days left in Domain:** 25

**Report Author:** Cameron Chapman

**Flight Crew:** Cameron Chapman, Ivana Vu

**Ground/GPS:** Mark Solper

**Pilots:** Stephen Brawders, Mark Solper

**Additional Personnel:**

**GPS Instruments:**

**Flight Hours:** 00:00

**Hours until maintenance:** 75.07

### Summary

Clear-ish skies were observed in Deadhorse this morning “northern slope standards” however at the start of the solar angle, low – mid level lenticular clouds mixed with a layer of cirrus formed over Toolik. Overcast skies and intermittent rain showers were forecasted near the Barrow Environmental Observatory flight box. No flights were conducted.

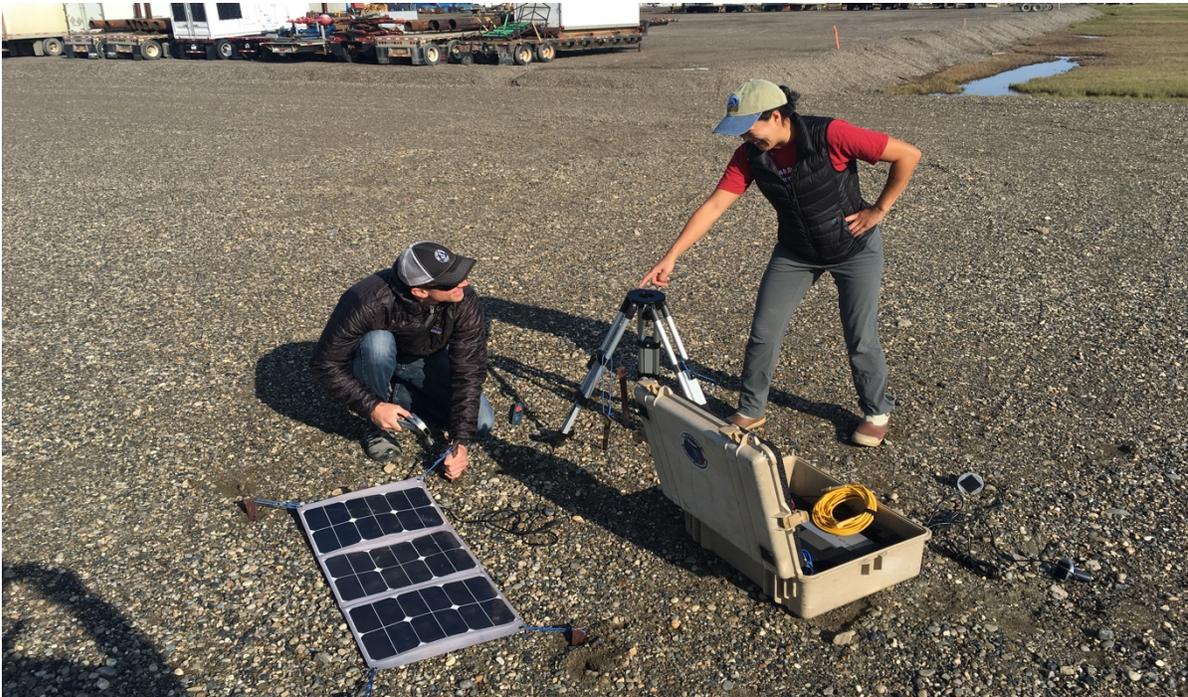
### Concerns

- Nothing new to report.

### Comments

- AOP’s FBO GPS was deployed today.

### Pictures:



ASO Ivana Vu shows Pilot Mark Solper how to properly deploy a GPS solar panel! No Bears sightings today! ☺

**Daily Coverage: n/a**  
**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: 0% (0/35)  
 Green: 0% (0/35)  
 Yellow: 0% (0/35)  
 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)

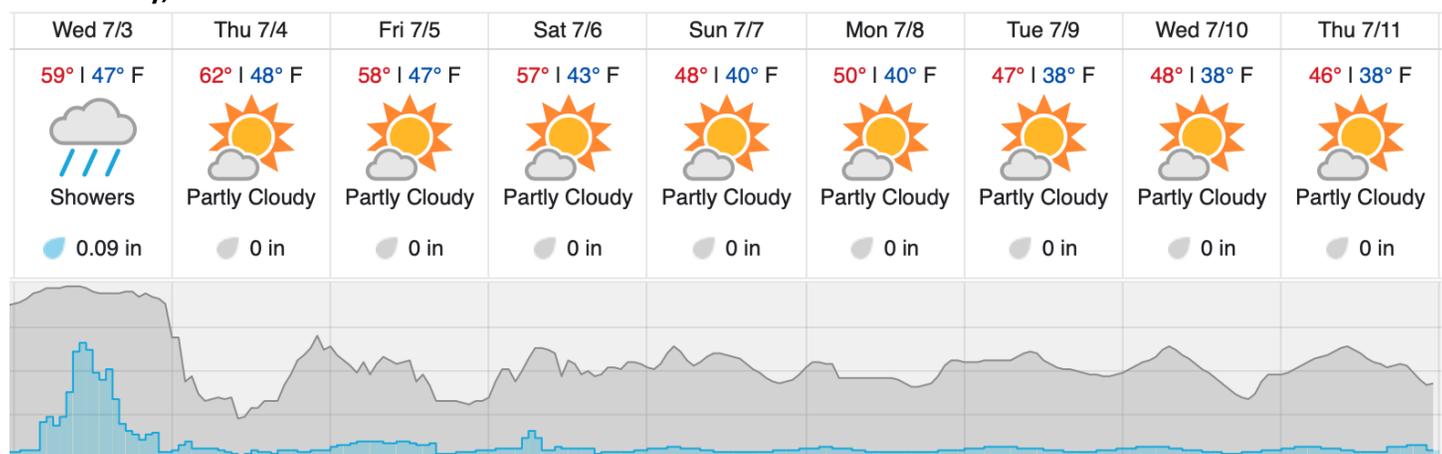
**TOOL**

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

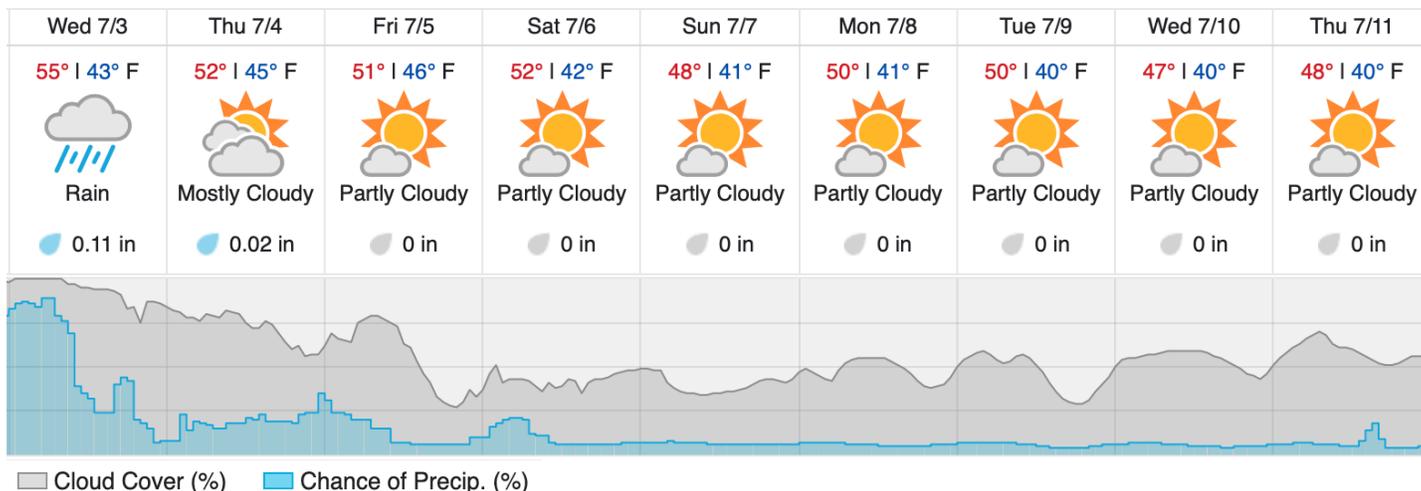
**Weather Forecast**

**Prudhoe Bay, Alaska**



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

## Utqiagvik, Alaska



### Flight Collection Plan for 03 July 2019

#### **Flyority 1:**

Collection Area: Toolik (TOOL)

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

On-station Time: 1840 UTC / 1040 L (35deg 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 UTC / 1130 L (35deg 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 UTC / 1130 L (35deg 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 UTC / 1130 L (35deg 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 UTC / 1130 L (35deg 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:** Ivana Vu (Lidar), (NIS) Cameron Chapman

### Flight Collection Plan for 04 July 2019

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

**Crew:** Cameron Chapman (Lidar), (NIS) Ivana Vu