



July 1, 2019 Payload 2 Daily Flight Report



Date: 2019-07-01

Flight Campaign ID: 2019_P2C1

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

Domain: 18

Sites Flown: Transit ()

Days left in Domain: 26

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman

Ground/GPS: Ivana Vu

Pilots: Stephen Brawders, Mark Solper

Additional Personnel:

GPS Instruments:

Flight Hours: 02:24

Hours until maintenance: 75.07

Summary

We completed the transit from D19 Fairbanks to D18 Deadhorse. The system remained on for the transit. We will begin collections tomorrow weather permitting.

Concerns

- Hotel Kit internet speeds are extremely slow.

Comments

- Transited Otter to D18
- Mitch Departed D18 and joined payload 3 in D16. Thanks for the hard work!!

Pictures:



Above: Flying high above the cloudy Brooks Mountain Range



Above: The Arctic Ocean with lots of sea ice!
Below: The Otter has arrived in D18!!



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

1

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

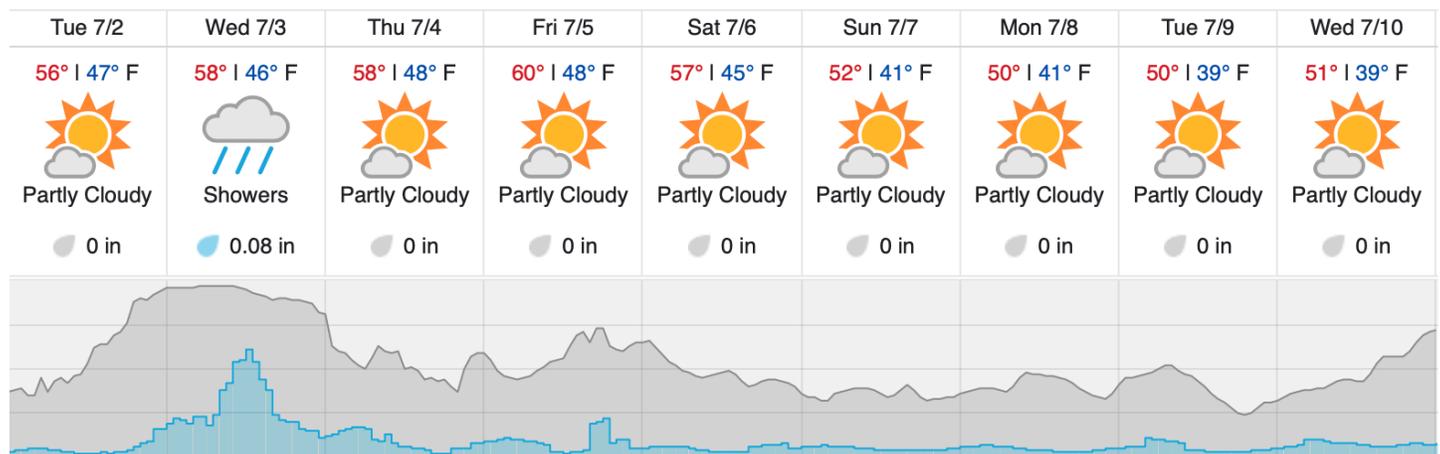
TOOL

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)

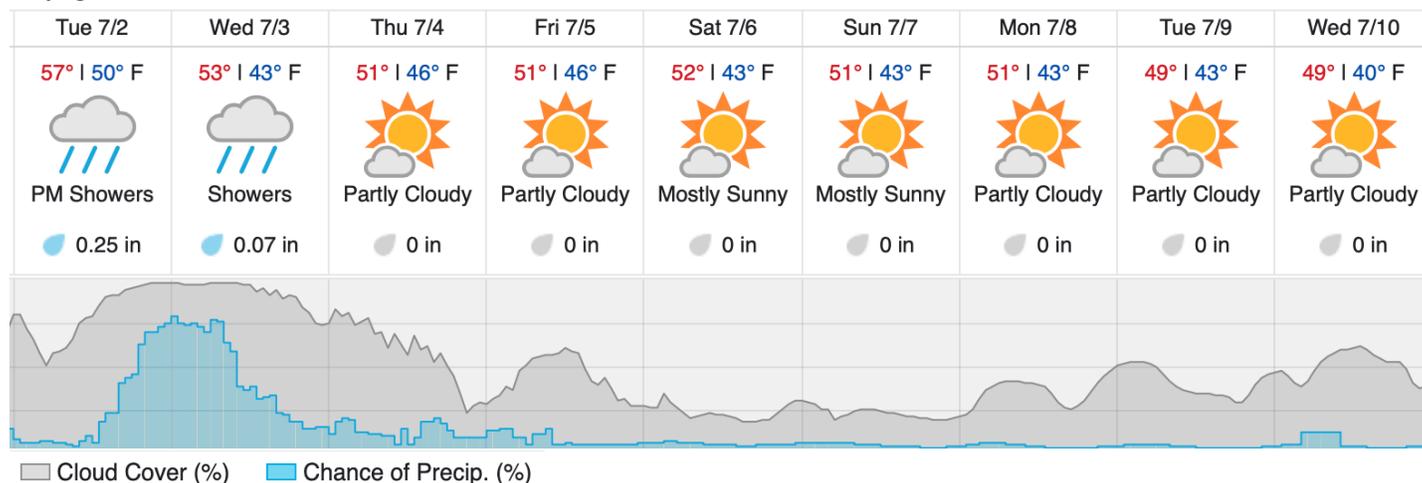
Weather Forecast

Prudhoe Bay, Alaska



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

Utqiagvik, Alaska



Flight Collection Plan for 02 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: Cameron Chapman (Lidar), (NIS) Ivana Vu

Flight Collection Plan for 03 July 2019

Flyority 1-6: Same as previously briefed.

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