



July 5, 2019 Payload 2 Daily Flight Report



Date: 2019-07-05

Flight Campaign ID: 2019_P2C1

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

Domain: 18

Sites Flown: None

Days left in Domain: 22

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Ivana Vu

Ground/GPS: Mark Solper

Pilots: Stephen Brawders, Mark Solper

Additional Personnel: None

GPS Instruments: None

Flight Hours: 00:00

Hours until maintenance: 75.07

Summary

No flights were attempted because of typical North Slope weather. Toolik had cumulus clouds near or below survey altitude while Barrow had low overcast clouds throughout the day.

Concerns

None

Comments

Mike will arrive in Deadhorse tomorrow

Pictures:

Screenshots from Toolik Field Station camera (<https://toolik.alaska.edu/edc>) and FAA Aviation Weather Camera at Barrow (<https://avcams.faa.gov>)



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)

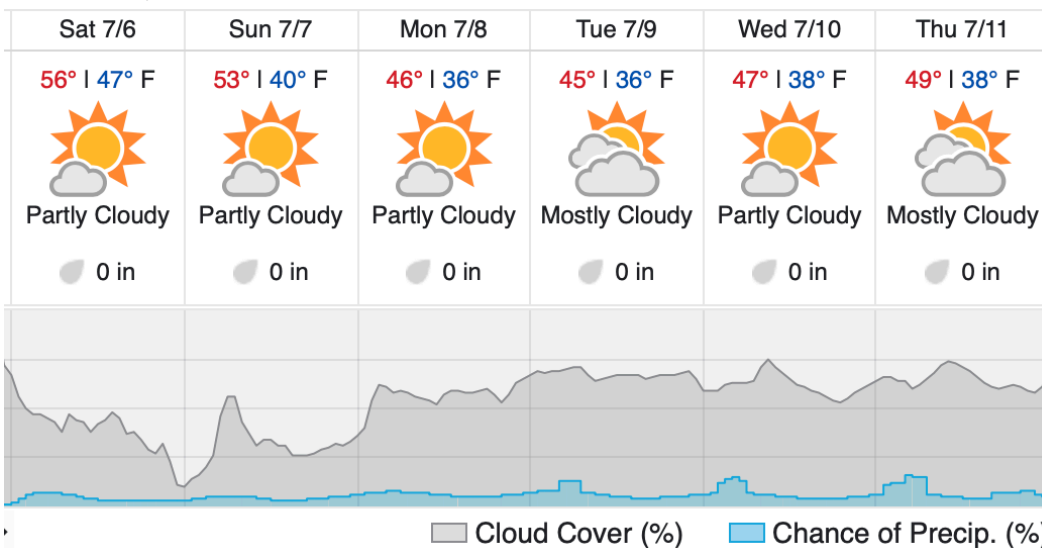
TOOL

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												

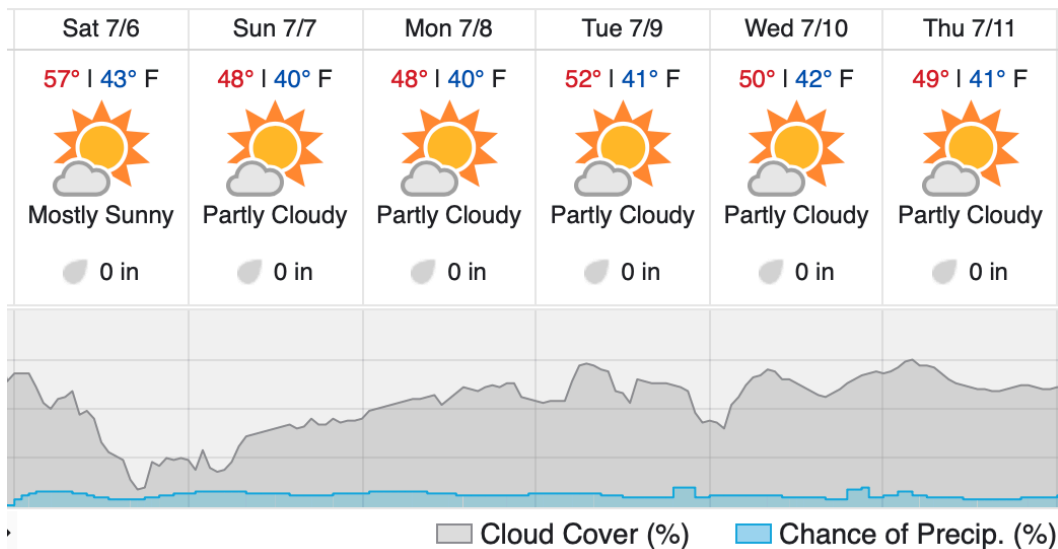
Flown: 0% (0/48)
Green: 0% (0/48)
Yellow: 0% (0/48)
Red: 0% (0/48)

Weather Forecast

Prudhoe Bay, AK (TOOL)



Utqiagvik, AK (BARR)



Flight Collection Plan for 05 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: Cameron Chapman (Lidar), Ivana Vu (NIS)

Flight Collection Plan for 06 July 2019

Flyority 1-6: Same as previously briefed

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