



July 4, 2019 Payload 2 Daily Flight Report



Date: 2019-07-04

Flight Campaign ID: 2019_P2C1

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

Domain: 18

Sites Flown: None

Days left in Domain: 23

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

Low cumulus clouds persisted throughout the day at Toolik while overcast skies and rain showers dominated the sky in Barrow. No sites were flown.

Concerns

None

Comments

Happy Independence Day America!

Picture: L-R: Steven, Cameron, Ivana, & Mark celebrate the 4th of July with a few festive props!



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)

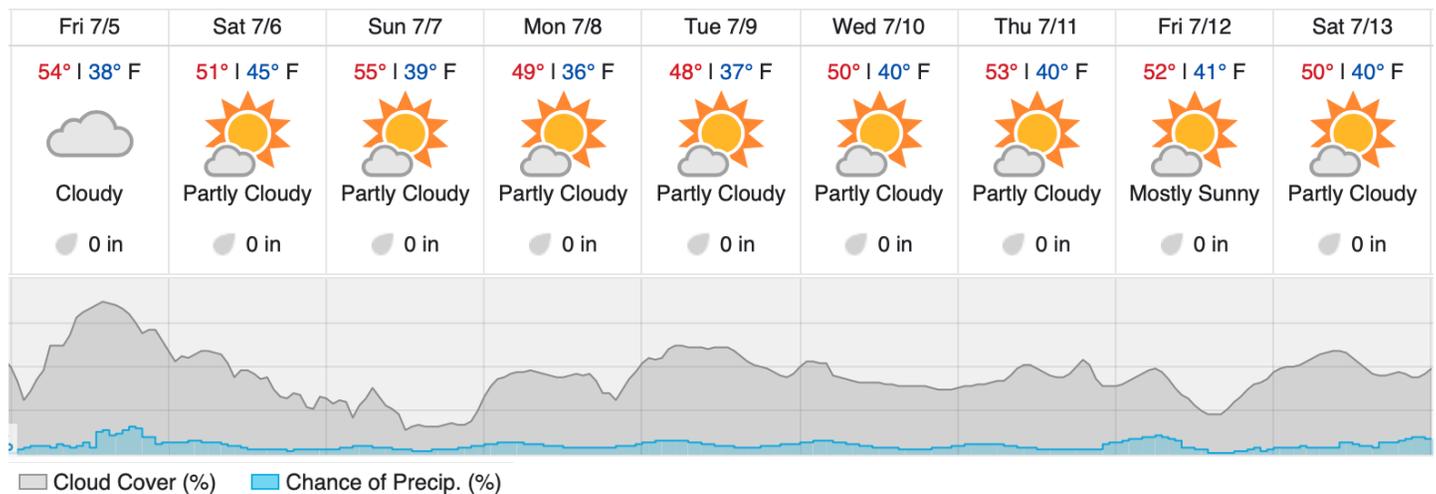
TOOL

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												

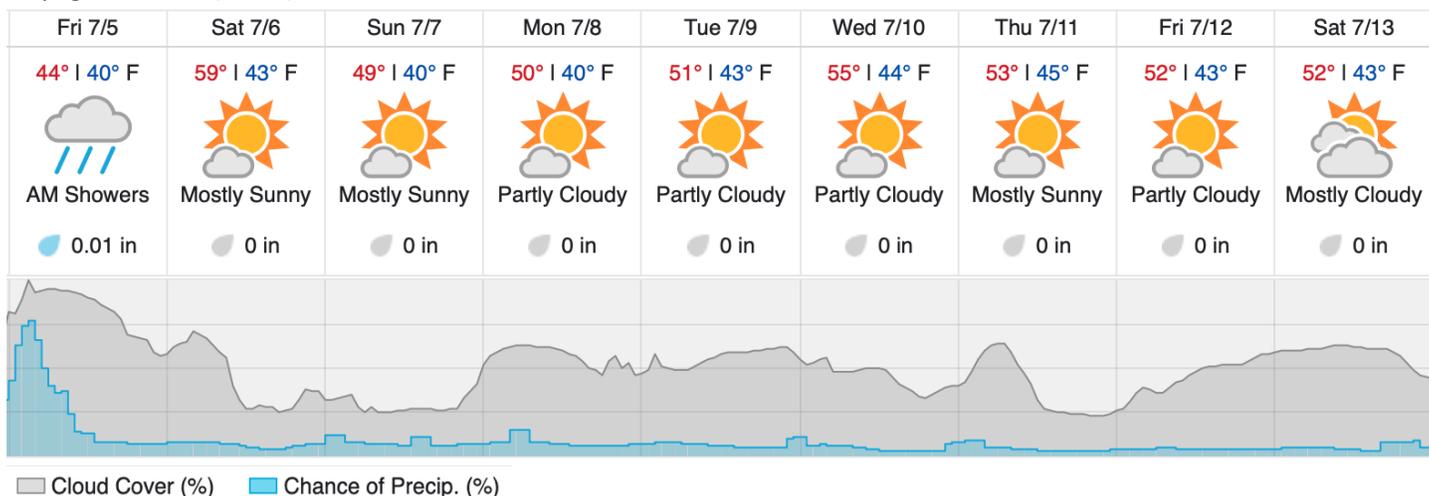
Flown: 0% (0/48)
 Green: 0% (0/48)
 Yellow: 0% (0/48)
 Red: 0% (0/48)

Weather Forecast

Prudhoe Bay, AK (TOOL)



Utqiagvik, Alaska (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 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), Cameron Chapman (NIS)

Flight Collection Plan for 06 July 2019

Flyority 1-6: Same as previously briefed

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