



July 15, 2019 Payload 2 Daily Flight Report

Date: 2019-07-15

Flight Campaign ID: 2019_P2C1

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

Domain: 18

Sites Flown: None

Days left in Domain: 11

Report Author: Matt DeVoe

Flight Crew: Michael Wussow, Matt DeVoe

Ground/GPS: None

Pilots: Mark Solper, Stephen Brawders

GPS Instruments: None

Flight Hours: 00:00

Hours until maintenance: 55.15

Summary

Rain and cloudy conditions persist across all of the D18 areas of interest. No flights were conducted.

Concerns

None

Comments

None

Pictures

Barrow conditions



NorthEast 36°

Loop



East 108°

Loop



South 185°

Loop



SouthWest 230°

Loop

Toolik conditions



NorthEast 35°

Loop



SouthEast 150°

Loop



South 195°

Loop



SouthWest 240°

Loop

Prudhoe bay conditions



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: 100% (35/35)
 Green: 0% (0/35)
 Yellow: 100% (35/35)
 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: 127% (19/15)
 Green: 0% (0/15)
 Yellow: 127% (19/15)
 Red: 0% (0/15)

BARR_P3

51	52	53	54
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Flown: 100% (4/4)
 Green: 0% (4/4)
 Yellow: 100% (4/4)
 Red: 0% (4/4)

N18A

1

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

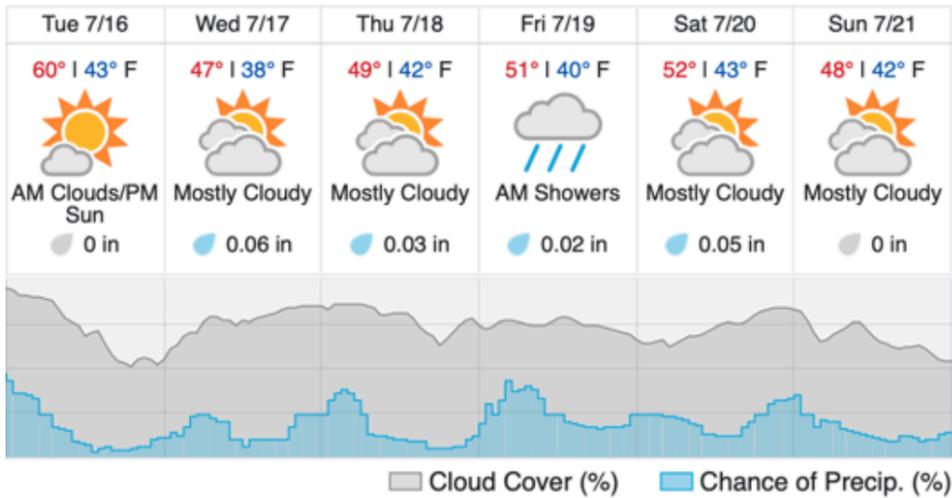
TOOL

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												

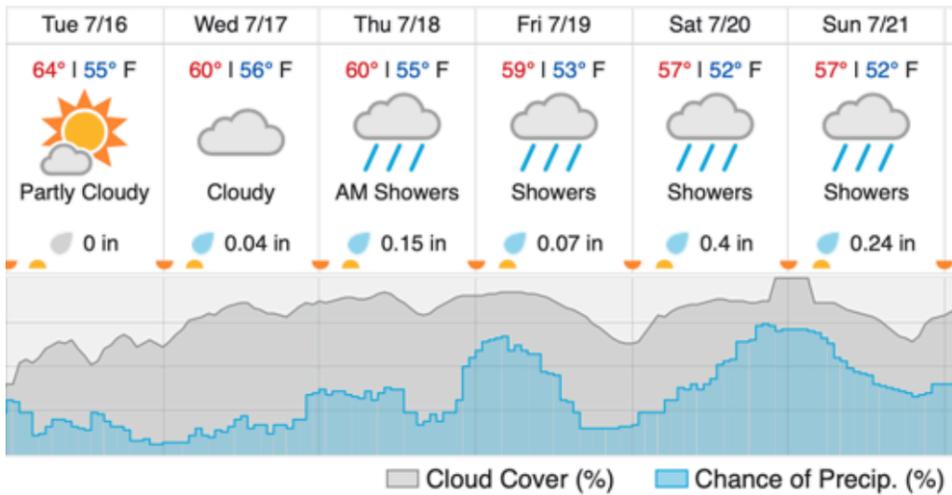
Flown: 90% (43/48)
 Green: 0% (0/48)
 Yellow: 23% (11/48)
 Red: 71% (34/48)

Weather Forecast

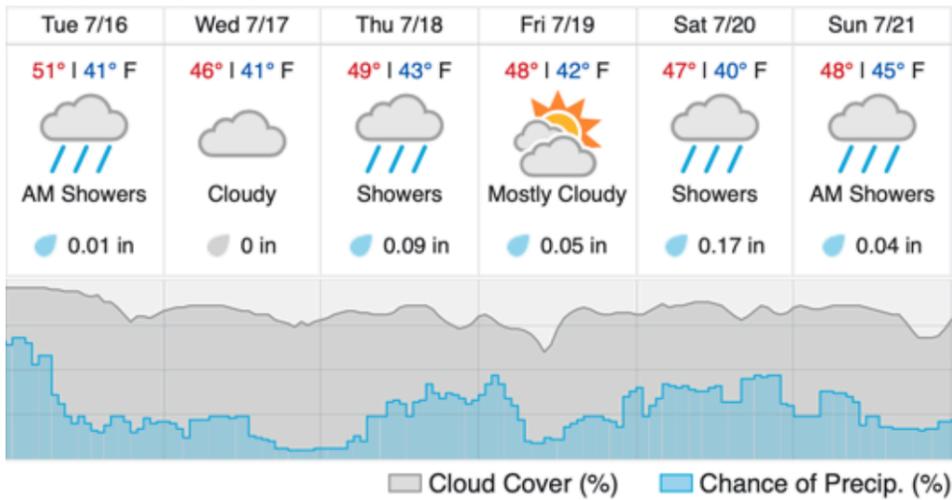
Prudhoe Bay, AK (PASC)



Toolik Lake, AK (TOOL)



Utqiagvik, AK (BARR)



Flight Collection Plan for 16 July 2019

Flyority 1:

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On-station Time: 1900 – 0110 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: 1950 – 0110 UTC / 1130 – 1730 L (35° solar angle)

*Only if Green Conditions Exist

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: 1950 – 0110 UTC / 1130 – 1730 L (35° solar angle)

*Only if Green Conditions Exist

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: 1950 – 0110 UTC / 1130 – 1730 L (35° solar angle)

*Only if Green Conditions Exist

Flyority 5

Collection Area: Nominal Runway – D18

Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1.pln

On-station time: N/A

Crew: Michael Wussow (Lidar), Matt DeVoe (NIS)

Flight Collection Plan for 17 July 2019

Flyority 1-5: Same as previously briefed

Crew: Robb Walker (Lidar), Michael Wussow (NIS)