



July 14, 2018 Payload 2 Daily Flight Report



Date: 2018-07-14

Flight Campaign ID: 2018_P2C1

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

Domain: 18

Sites Flown: None

Days left in Domain: 11

Report Author: Michael Wussow

Flight Crew: Michael Wussow, John Adler

Ground/GPS: Nick Marusich

Pilots: Gian Carey, Hans Germann

Additional Personnel:

GPS Instruments:

Flight Hours: 00:00

Hours until maintenance: 82.63

Summary

There were overcast conditions in Barrow and clouds and showers in the Toolik area today. No flights were conducted.

Concerns

None

Comments

A mercury lamp test was completed this morning.

Flight Screenshots

None

Pictures



Solar powered NEON buoy in Toolik Lake



Toolik Field Station located on Toolik Lake



NEON Field staff collecting phenology data at the Toolik Tower site



Upstream location of in-stream sensors at Oksrukuyik Creek

Daily Coverage

None

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: 66% (23/35)

Green: 9% (3/35)

Yellow: 54% (19/35)

Red: 9% (3/35)

BARR_P2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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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: 31% (15/48)

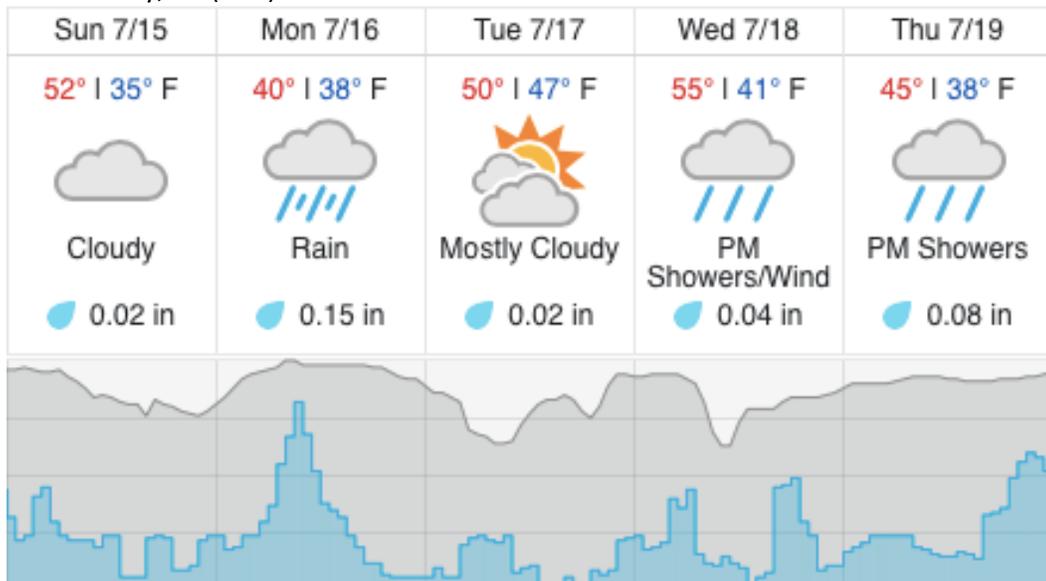
Green: 0% (0/48)

Yellow: 0% (0/48)

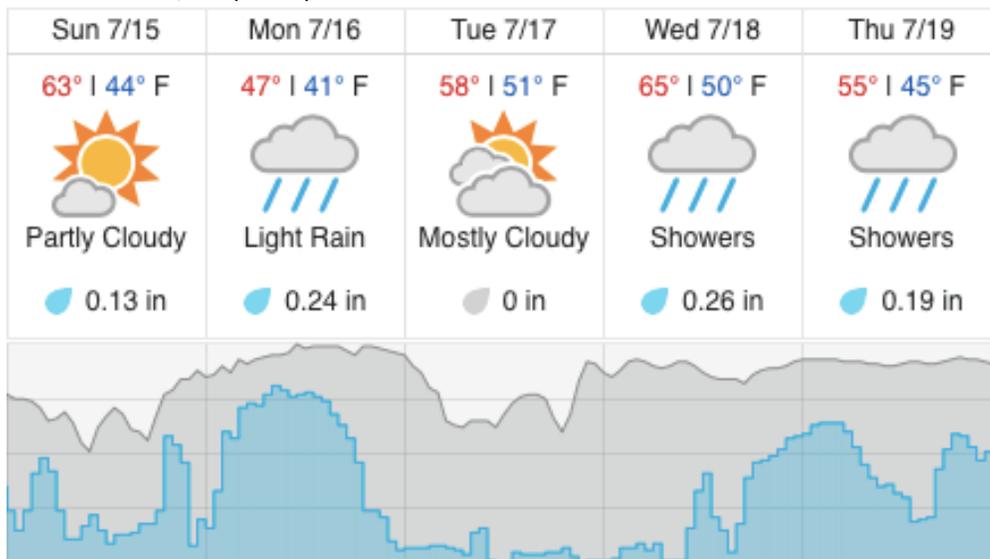
Red: 31% (15/48)

Weather Forecast

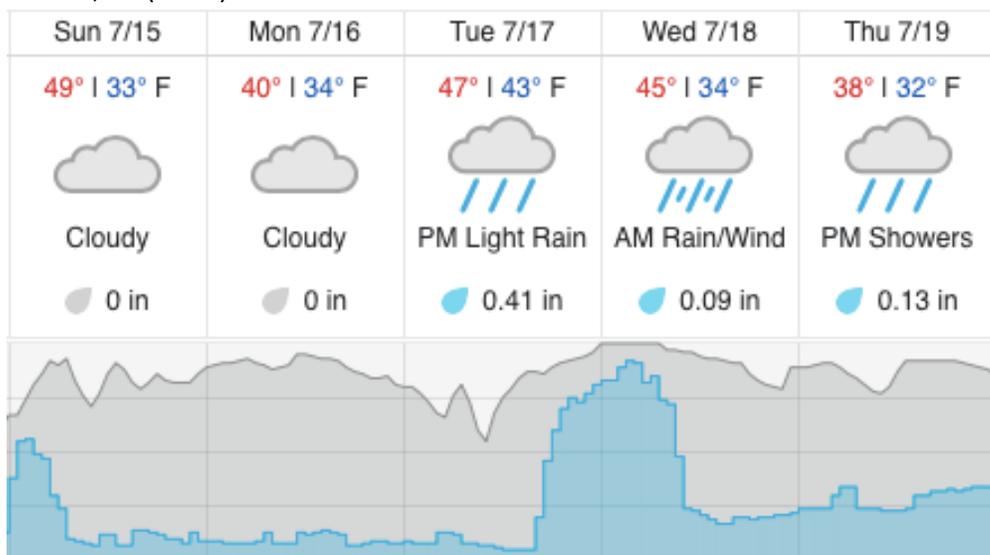
Prudhoe Bay, AK (FBO)



Galbraith Lake, AK (TOOL)



Barrow, AK (BARR)



Flight Collection Plan for 14 July 2018

Flyority 1:

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On-station Time: 1850 UTC / 1050 L

Flyority 2:

Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)

Flight Plan Name: D18_BARR_R1_P1_v3.pln

On-station Time: 1940 UTC / 1140 L

Flyority 3:

Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)

Flight Plan Name: D18_BARR_R1_P2_v3.pln

On-station Time: 1940 UTC / 1140 L

Crew: Nick Marusich (Lidar), Michael Wussow (NIS), John Adler (Ground/GPS)

Flight Collection Plan for 15 July 2018

Flyority 1:

Collection Area: Toolik (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v1.pln

On-station Time: 1900 UTC / 1100 L

Flyority 2:

Collection Area: Barrow Environmental Observatory – Priority 1 Flight Box (BARR_P1)

Flight Plan Name: D18_BARR_R1_P1_v3.pln

On-station Time: 1950 UTC / 1150 L

Flyority 3:

Collection Area: Barrow Environmental Observatory – Priority 2 Flight Box (BARR_P2)

Flight Plan Name: D18_BARR_R1_P2_v3.pln

On-station Time: 1950 UTC / 1150 L

Crew: John Adler (Lidar), Nick Marusich (NIS), Michael Wussow (Ground/GPS)