



July 9, 2018 Payload 2 Daily Flight Report



Date: 2018-07-09

Flight Campaign ID: 2018_P2C1

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

Domain: 18

Sites Flown: None

Days left in Domain: 16

Report Author: Michael Wussow

Flight Crew: Abe Morrison, Michael Wussow

Ground/GPS: Ivana Vu

Pilots: Gian Carey, Hans Germann

Additional Personnel:

GPS Instruments:

Flight Hours: 00:00

Hours until maintenance: 93.28

Summary

Persistence of a low cloud deck in Deadhorse prevented flights from occurring today. As of this afternoon, clouds appear to be thinning throughout the area and the crew hopes for a Barrow flight tomorrow.

Concerns

None

Comments

The unique condition of very thick haze experienced on Saturday's TOOL flight was discussed with Tristan today. While not a cloud, it was thought that haze this extreme would have an effect on the spectrometer data and it was decided that the data should be classified as RED. See pictures below for context.

Pictures





Haze so thick the horizon is obscured

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

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)

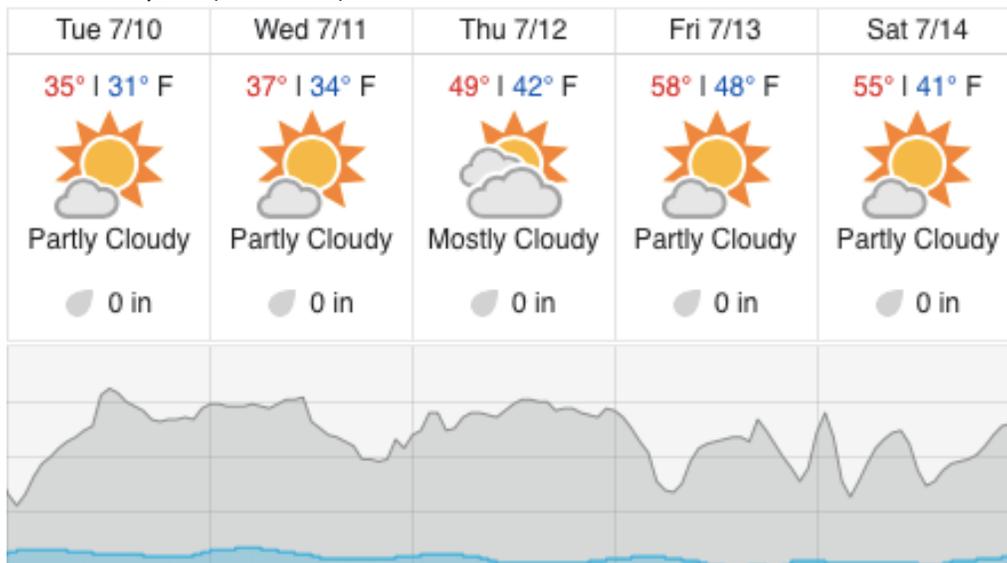
TOOL

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												

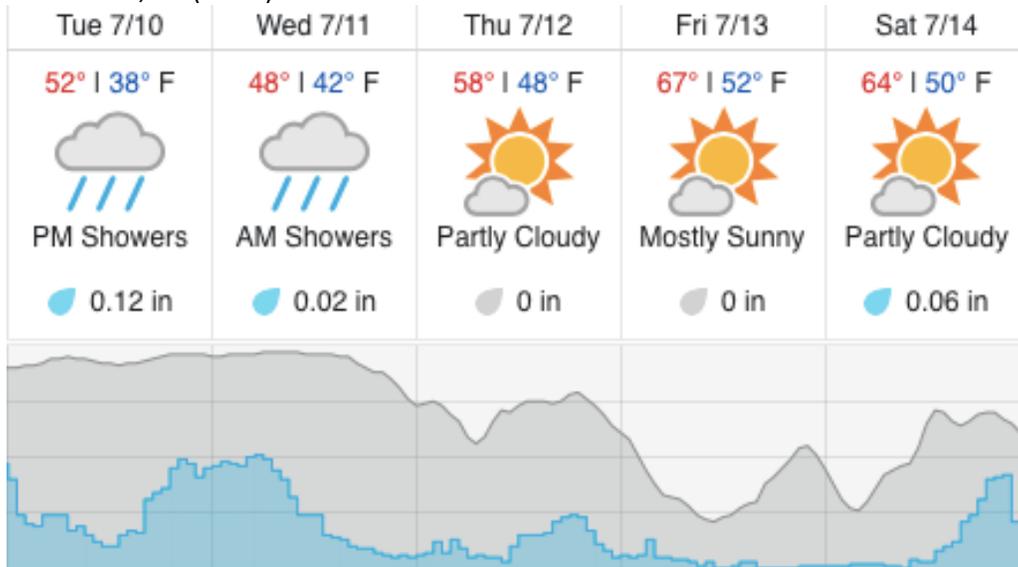
Flown: 31% (15/48)
 Green: 0% (0/48)
 Yellow: 0% (0/48)
 Red: 31% (15/48)

Weather Forecast

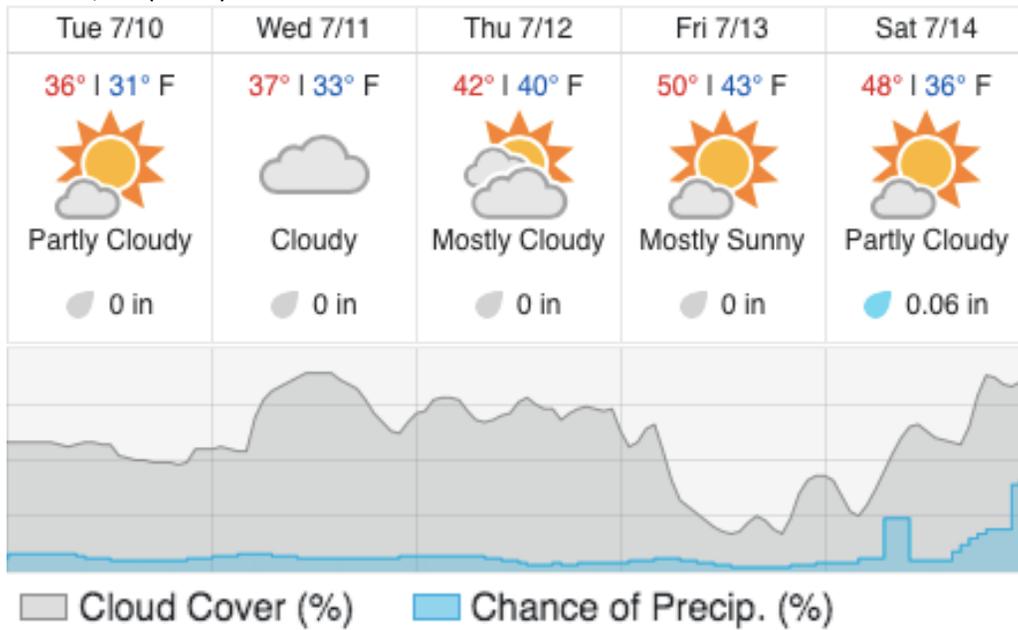
Prudhoe Bay, AK (FBO-PASC)



Toolik Lake, AK (TOOL)



Barrow, AK (BARR)



Flight Collection Plan for 10 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: Ivana Vu (Lidar), Mike Wussow (NIS), Abe Morrison (GPS/Ground)

Flight Collection Plan for 11 July 2018

Same as previous day

Crew: Abe Morrison (Lidar), Ivana Vu (NIS), Mike Wussow (GPS/Ground)