



Payload 1 Daily Flight Report



Date: 2022-08-02
Flight Campaign ID: P1C1
Airport, FBO ID, City: Deadhorse Airport (PASC) - Deadhorse, AK
Aircraft: N331AR

Domain: 18 (Tundra)
Sites Flown: None
Days left in Domain: 20

Report Author: Abe
Lidar Operators: Abe **Flight Hours:** 00:00
Spectrometer Operators: Cameron **Hours until maintenance:** 85.75
Pilots: Jeremy , Vince

Summary

The day looked promising for a collection flight over the BARR site. However, the weather didn't clear up as forecast. The otter was towed out and fueled, but the clouds at the site stayed below 1000 feet all day. No flights were made.

Concerns

During initial system power up, after the tow out, the axe started flickering on and off rapidly. The situation resolved itself after about 30 seconds and did not happen again. The system will be monitored for this situation in the future.

Comments

-Mike arrives in Deadhorse this afternoon.

Cumulative Domain Coverage

D18|BARR_P1 (Barrow Environmental Observatory Priority 1)

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)

D18|BARR_P2 (Barrow Environmental Observatory Priority 2)

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)

D18|BARR_P3 ()

54	55	56	57
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Flown: 0% (0/4)
 Green: 0% (0/4)
 Yellow: 0% (0/4)
 Red: 0% (0/4)

D18 | N18A (D18 Nominal Runway)

1

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

D18 | OKSR (Oksrukuyik Creek)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

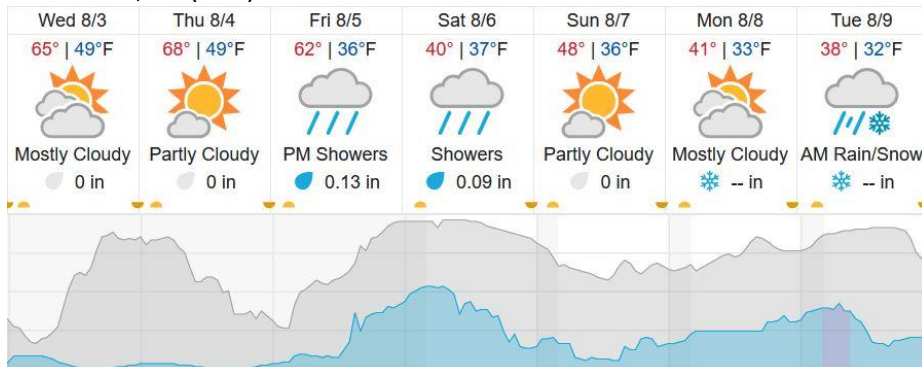
Flown: 0% (0/21)
 Green: 0% (0/21)
 Yellow: 0% (0/21)
 Red: 0% (0/21)

D18 | TOOL (Toolik)

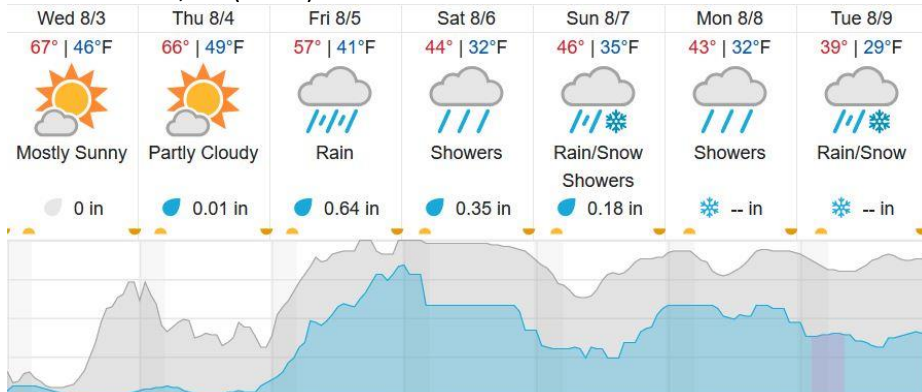
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48												

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

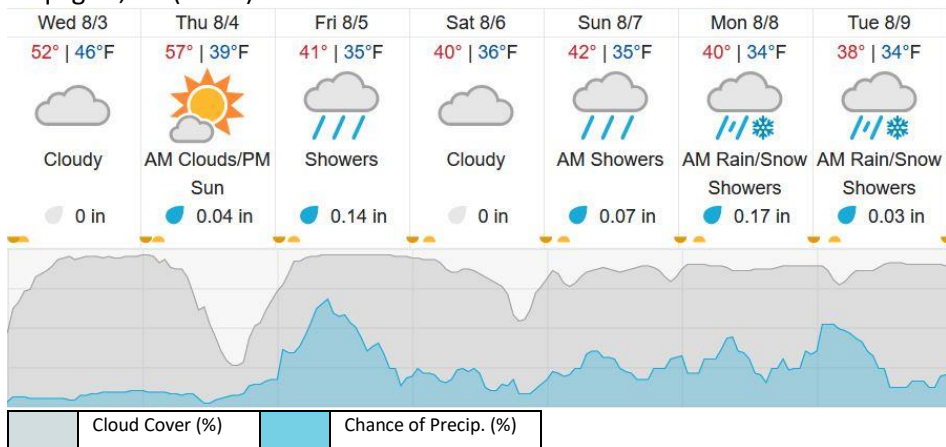
Weather Forecast Deadhorse, AK (FBO)



Galbraith Lake, AK (TOOL)



Utqiagvik, AK (BARR)



Flight Collection Plan for 3 August 2022

Flyority 1/2

Collection Area: Toolik Lake (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml

On-station Time: 1930 UTC / 1130 L (35deg)

Flyority 1/2

Collection Area: Barrow Environmental Observatory (BARR) – P1 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

Flyority 3

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v2_PRM

On-station Time: 1930 UTC / 1130 L (35deg)

Flyority 4

Collection Area: Barrow Environmental Observatory (BARR) – P2 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

Flyority 5

Collection Area: Barrow Environmental Observatory (BARR) – P3 Flight Box

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2030 UTC / 1230 L (35deg)

Flyority 6

Collection Area: Nominal Runway – D18

Flight Plan Name: D18_N18A_Nominal_Runway_Test_v1_PRM.xml

On-station Time: N/A

Crew: Cam (Lidar), Abe (NIS), Mike (Ground)