



Payload 1 Daily Flight Report



Date: 2022-07-25
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: 28

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

Summary

Extremely low, persistent fog prevented flights today, despite somewhat better conditions not too far to the south.

Concerns

None.

Comments

The GPS battery is not staying charged due to cloudy conditions, and will be monitored, charged, and swapped as needed. Mike departed Deadhorse this morning (after a bit of a weather delay). Cam will arrive tomorrow afternoon. Thanks Mike, and safe travels Cam!

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

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
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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
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21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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41	42	43	44	45	46	47	48
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Flown: 0% (0/48)

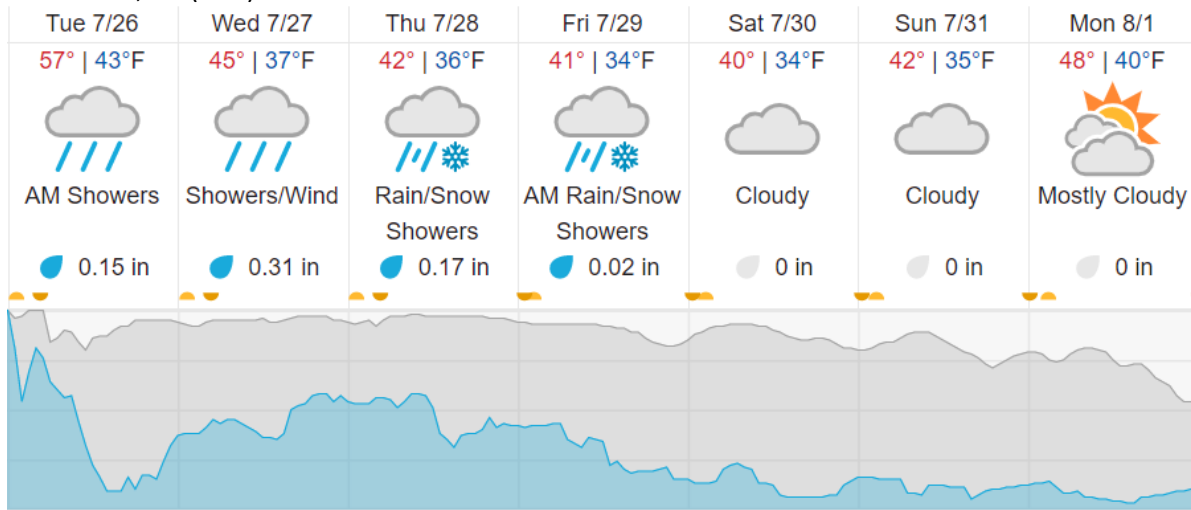
Green: 0% (0/48)

Yellow: 0% (0/48)

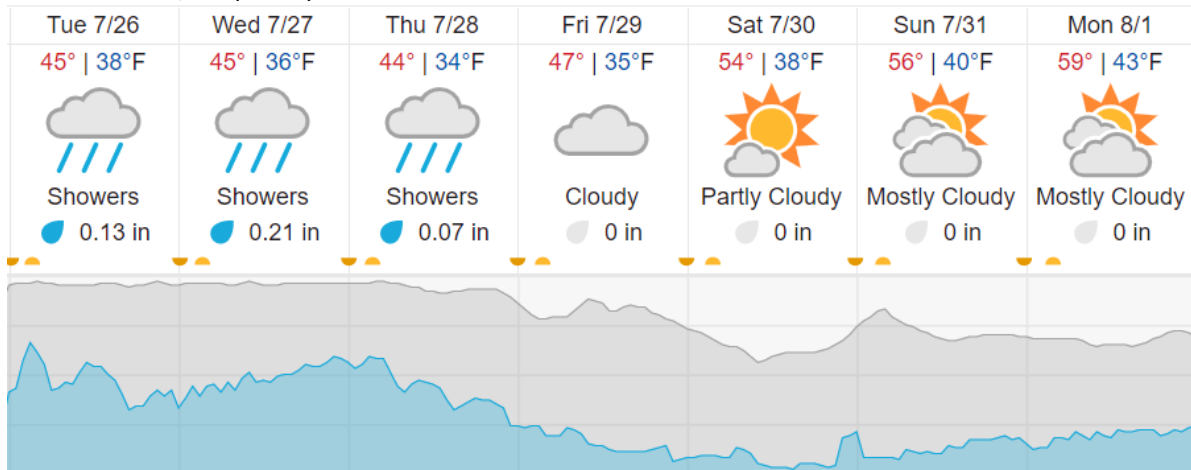
Red: 0% (0/48)

Weather Forecast

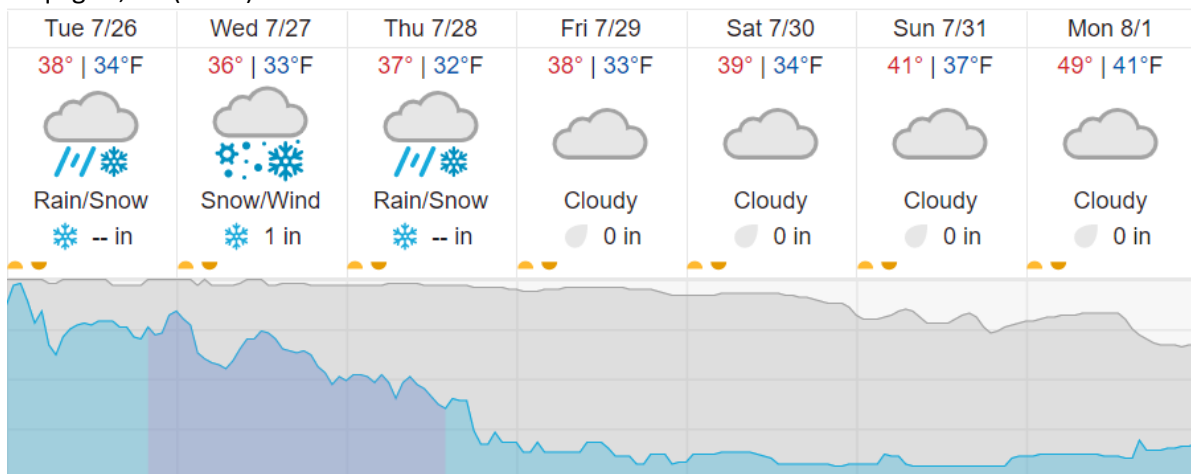
Deadhorse, AK (FBO)



Galbraith Lake, AK (TOOL)



Utqiagvik, AK (BARR)



Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for 26 July 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: Abe (Lidar), Elissa (NIS)