



Payload 1 Daily Flight Report



Date: 2022-08-08
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: 15

Report Author: Abe
Lidar Operators: Abe **Flight Hours:** 00:00
Spectrometer Operators: Mike **Hours until maintenance:** 75.93
Pilots: Jeremy , Vince

Summary

Mother nature dealt the crew a frustrating morning. The skies started the morning mostly clear in Utqiagvik, but with a low overcast of 300' in Deadhorse. As the early 30deg solar angel approached the clouds started building at the site and the low IFR conditions did not lift much at Deadhorse. No flights were conducted.

Concerns

None

Comments

-The extraction of the last TOOL flight stalled in the HKR, and Andrew is currently magicalizing it.

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 2

Flown: 100% (2/2)
 Green: 0% (0/2)
 Yellow: 0% (0/2)
 Red: 100% (2/2)

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)

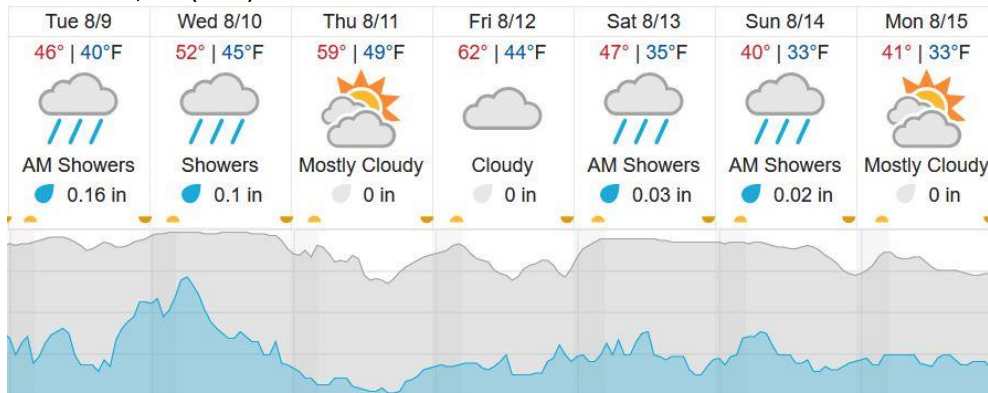
D18 | TOOL (Toolik)

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	49	50	51									

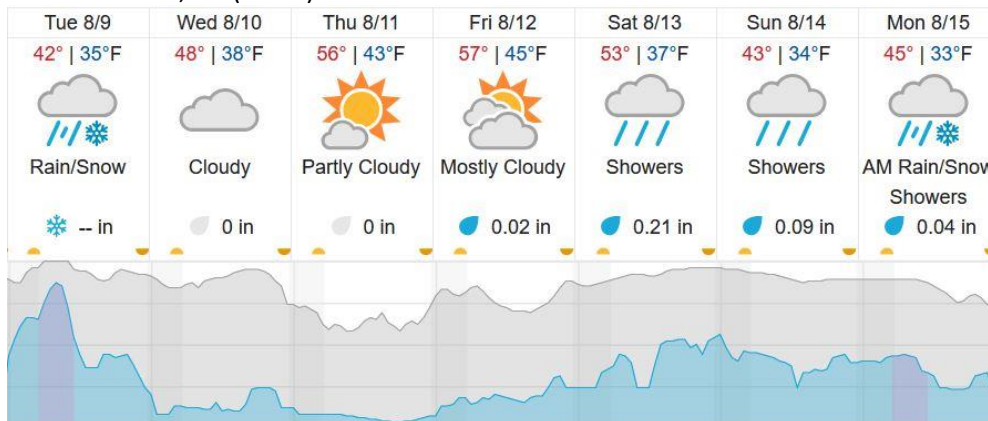
Flown: 86% (44/51)
 Green: 0% (0/51)
 Yellow: 0% (0/51)
 Red: 86% (44/51)

Weather Forecast

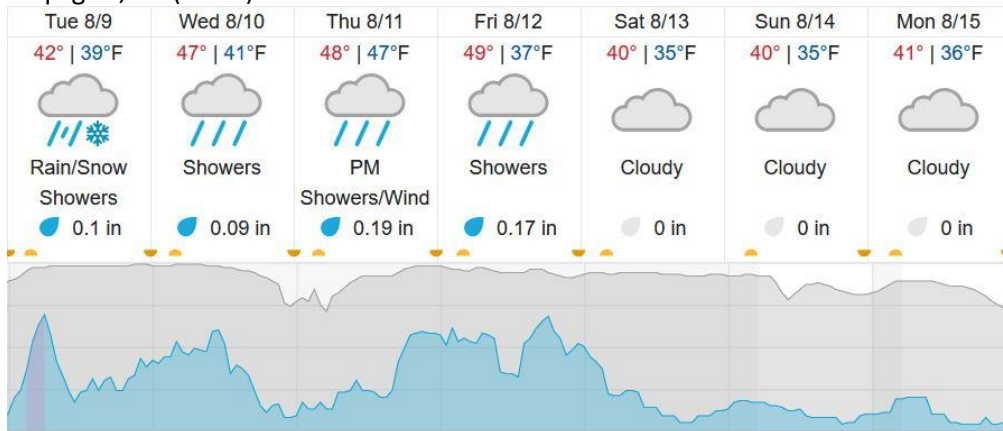
Deadhorse, AK (FBO)



Galbraith Lake, AK (TOOL)



Utqiagvik, AK (BARR)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 9 August 2022

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: 2000 UTC / 1200 L (30deg)

Flyority 1/2 Collection Area: Toolik Lake (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml

On-station Time: 1900 UTC / 1100 L (30deg)

Flyority 3

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v2_PRM

On-station Time: 1900 UTC / 1100 L (30deg)

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: 2000 UTC / 1200 L (30deg)

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: 2000 UTC / 1200 L (30deg)

Crew: Mike (Lidar), Abe (NIS)