



Payload 1 Daily Flight Report



Date: 2022-08-18

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: 4

Report Author: Mitch

Lidar Operators: Mitch

Spectrometer Operators: Mike

Pilots: Jeremy, Vince

Ground Crew: Elissa

Flight Hours: 00:00

Hours until maintenance: 70.55

GPS Instruments: None

Summary

More of the same weather patterns here in Deadhorse; low clouds, mist, fog, and rain. No flights conducted.

Concerns

None

Comments

Packed and shipped a pallet to Tucson and D14 via Alaska Air Cargo and FedEx. Pallet should hopefully arrive before the Otter does next week.



Cumulative Domain Coverage

D18|TOOL (Toolik)

1	XS	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: 100% (50/51)

Green: 0% (0/51)

Yellow: 0% (0/51)

Red: 100% (50/51)

D18|OKSR (Oksrukuyik Creek)

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

Flown: 100% (20/21)

Green: 0% (0/21)

Yellow: 0% (0/21)

Red: 100% (20/21)

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 (Barrow Environmental Observatory Priority 3)

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
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Flown: 100% (2/2)

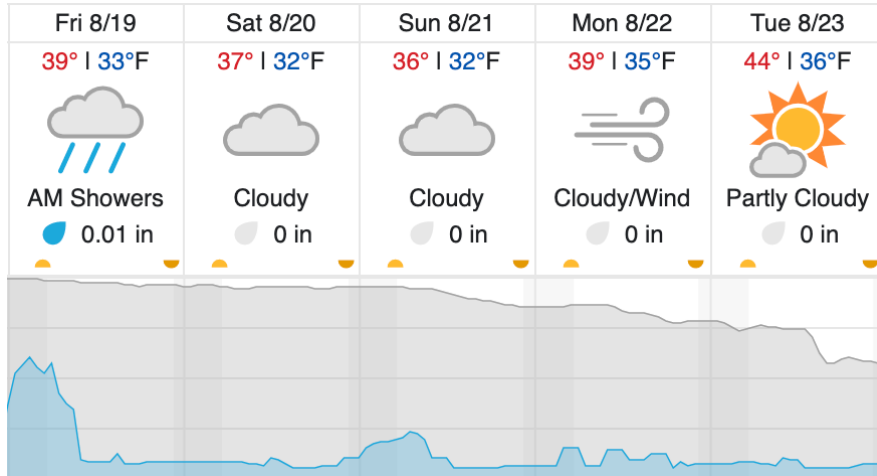
Green: 0% (0/2)

Yellow: 0% (0/2)

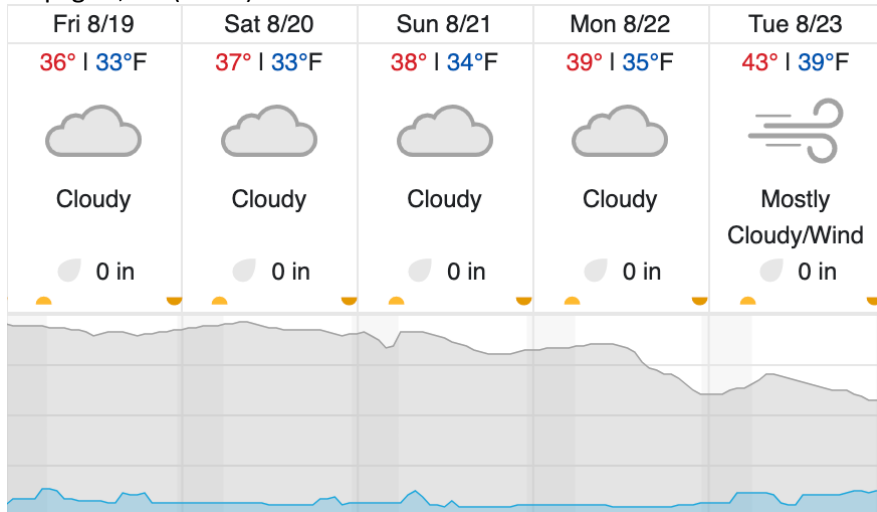
Red: 100% (2/2)

Weather Forecast

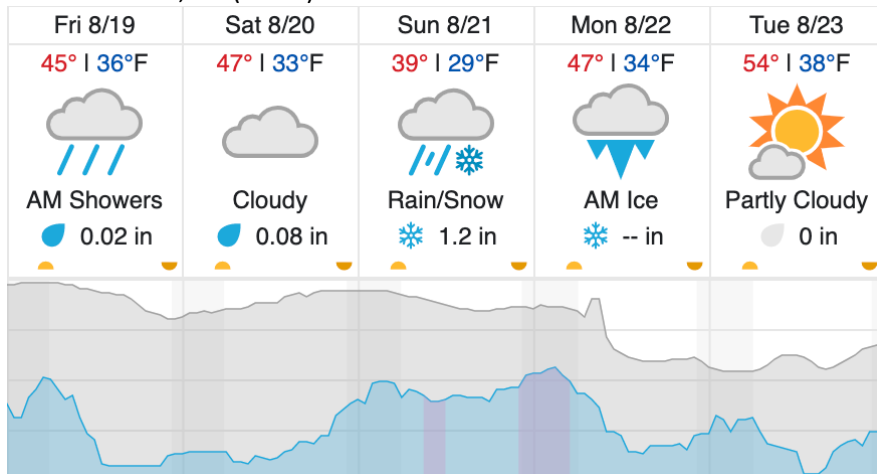
Deadhorse, AK (FBO)



Utqiagvik, AK (BARR)



Galbraith Lake, AK (TOOL)



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

source: wunderground.com

Flight Collection Plan for 18 August 2022

Flyority 1

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

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2100 UTC / 1300 L (30deg)

Flyority 2

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

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2100 UTC / 1300 L (30deg)

Flyority 3

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

Flight Plan Name: D18_BARR_R1_P1_P2_P3_v5_PRM.xml

On-station Time: 2100 UTC / 1300 L (30deg)

Flyority 4 Collection Area: Toolik Lake (TOOL)

Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml

On-station Time: 1940 UTC / 1140 L (30deg) – ONLY IF GREEN

Flyority 5

Collection Area: Oksrukuyik Creek (OKSR)

Flight Plan Name: D18_OKSR_A1_P1_v2_PRM

On-station Time: 1940 UTC / 1140 L (30deg) – ONLY IF GREEN

Crew: Elissa, Mitch