

Payload 1 Daily Flight Report



Date: 2022-08-15 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: 9

Report Author: Mike Lidar Operators: Mike Pilots: Jeremy , Vince

Flight Hours: 00:00 Spectrometer Operators: Ian Hours until maintenance: 70.55 GPS Instruments: None

Summary

The weather has not changed one bit since Saturday morning with low grey skies persisting everywhere. No flight today.

Concerns

None

Comments

None

Photos



Despite the lack of aerial action, the crew was able to lay eyes upon a lone muskox during a post supper outing down the Dalton Highway. Photos by Mike W ("Ian having a look") and Jeremy W ("Muskox standing there").

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

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

 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)

Weather Forecast

Deadhorse, AK (FBO)

Tue 8/16	Wed 8/17	Thu 8/18	Fri 8/19	Sat 8/20	Sun 8/21	Mon 8/22
40° 35°F	42° 36°F	39° 35°F	40° 35°F	40° 36°F	42° 37°F	45° 37°F
\bigcirc				\bigcirc		
Cloudy	Cloudy/Wind	Showers	AM Showers	Cloudy	Partly	Partly Cloudy
					Cloudy/Wind	
0 in	🥑 0.34 in	🥑 0.27 in	🥑 0.03 in	0 in	🛛 0 in	0 in
			h			

Utqiagvik, AK (BARR)

Tue 8/16	Wed 8/17	Thu 8/18	Fri 8/19	Sat 8/20	Sun 8/21	Mon 8/22
37° 35°F	39° 35°F	<mark>39° 35°F</mark>	40° 34°F	40° 35°F	40° 37°F	43° 38°F
AM Snow	Cloudy/Wind	AM	Mostly Cloudy	Mostly Cloudy	Cloudy/Wind	Partly Cloudy
Showers		Showers/Wind				
🗱 in	🥑 0.03 in	🥑 0.01 in	🖉 0 in	0 in	0 in	0 in
m						

Galbraith Lake, AK (TOOL)

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Tue 8/16	Wed 8/17	Thu 8/18	Fri 8/19	Sat 8/20	Sun 8/21	Mon 8/22
46° 36°F	47° 36°F	48° 40°F	51° 38°F	50° 36°F	58° 41°F	60° I 42°F
PM Showers	PM Rain	Showers	Cloudy	Cloudy	Mostly Cloudy	Partly Cloudy
0.06 in	0 .29 in	0 .21 in	🛡 0 in	🖉 0 in	0 in	0 in
,	0.23	• 0.2 mm	• • • • • •			• • • • • • •
	M					
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	Cloud Cover (%)		Chance of Precip. (%)						
source: wunderground.com									

Flight Collection Plan for 16 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: 2030 UTC / 1230 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: 2030 UTC / 1230 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: 2030 UTC / 1230 L (30deg)

Flyority 4 Collection Area: Toolik Lake (TOOL) Flight Plan Name: D18_TOOL_C1_P1_v3_PRM.xml On-station Time: 1920 UTC / 1120 L (30deg) – ONLY IF GREEN

Flyority 5

Collection Area: Oksrukuyik Creek (OKSR) Flight Plan Name: D18_OKSR_A1_P1_v2_PRM On-station Time: 1920 UTC / 1120 L (30deg) – ONLY IF GREEN

Crew: Ian (Lidar), Mike (NIS)