

Payload 1 Daily Flight Report



Date: 2022-07-28 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: 25

Report Author: CameronLidar Operators: CameronFlight Hours: 00:00Spectrometer Operators: ElissaHours until maintenance: 85.75Pilots: Jeremy , VinceGround Crew: Abe

Summary

A wintery mix of rain and snow moved through the area today. No flights were conducted.

Concerns

- None

Comments

- The GPS battery will be charged and replaced tomorrow.
- Elissa will depart D18 tomorrow.

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D18 BARR_	_P1 (Barrow Ei	nvironmental C	Observatory	Priority 1)
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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()

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

D18|OKSR (Oksrukuyik Creek)

1	2	ŝ	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			
Flown	: 0%	6 (0/	21)																
Green	i: 0%	6 (0/	21)																
Yellov	v: 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)

Fri 7/29	Sat 7/30	Sun 7/31	Mon 8/1	Tue 8/2	Wed 8/3	Thu 8/4
39° 34°F	39° 33°F	38° 32°F	41° 35°F	42° 36°F	56° 45°F	55° 45°F
///*	\bigcirc	\bigcirc	Ř	\bigcirc	*	Ř
AM Rain/Snow	Cloudy	Cloudy	Mostly Cloudy	Cloudy	AM Clouds/PM	Mostly Cloudy
Showers					Sun	
🥑 0.01 in	0 in	🖉 0 in	🔵 0 in	0 in	0 in	🥑 0.03 in
~					\sim	

Alyeska Pipeline Pump Station 2, AK (TOOL)

Fri 7/29	Sat 7/30	Sun 7/31	Mon 8/1	Tue 8/2	Wed 8/3	Thu 8/4
46° 34°F	58° 40°F	59° 43°F	61° 45°F	62° 44°F	64° 47°F	63° 47°F
	2					
Cloudy	Mostly Cloudy	Cloudy	Mostly Cloudy	AM Showers	Partly Cloudy	Mostly Cloudy
🖉 0 in	0 in	🖉 0 in	🖉 0 in	🥑 0.03 in	🖉 0 in	🔵 0 in
			\sim			

Utqiagvik, AK (BARR)

Fri 7/29	Sat 7/30	Sun 7/31	Mon 8/1	Tue 8/2	Wed 8/3	Thu 8/4
<mark>38° 34</mark> °F	<mark>39° 34</mark> °F	40° 34°F	42° 33°F	45° 38°F	51° 41°F	46° 39°F
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Cloudy	Cloudy	Cloudy	Partly Cloudy	Partly Cloudy	Mostly Cloudy	AM Showers
🖉 0 in	0 in	🖉 0 in	🖉 0 in	🛛 0 in	🥑 0.02 in	🥑 0.08 in
			~ •			
			~~~	$\sim$	$\sim$	
				<u> </u>	$\sim$	Ť

	Cloud Cover (%)		Chance of Precip. (%)
source	wunderground co	m	

source: wunderground.com

### Flight Collection Plan for 29 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), Cam (NIS)