

Payload 1 Daily Flight Report



Date: 2024-07-15 Flight Campaign ID: P1C1 Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK Aircraft: N615AR

Domain: 19 (Taiga) Sites Flown: None Days left in Domain: 15

Report Author: AbeFlight Hours: 00:00Lidar Operators: AbeFlight Hours: 00:00Spectrometer Operators: MikeHours until maintenance: 99.82Pilots: Jeff, WillFlight Hours until maintenance: 99.82

Summary

Low clouds throughout the region didn't allow for any collections today. No flights were made.

Concerns

-The NIS spontaneously went into "safe" mode early this morning. The crew was able to get the system back to cooling within about an hour and back to nominal operating temp and pressure shortly thereafter. The Lab staff is looking into the cause of this issue.

-The pilot display intermittently turning off issues seems to be getting worse. The cable was replaced about 2 weeks ago, but there seems to be connection problems in the jack on the back of the display and the USB sockets at the krystal.

Comments

None

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

		<u> </u>									<u> </u>								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	4
41	42	43	44	45	46														
Flown: 46% (21/46)																			
Green	: 0%	(0/46)																	

Green: 0% (0/46) Yellow: 20% (9/46) Red: 26% (12/46)

D19 | DEJU (Delta Junction)

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: 81% (17/21) Green: 33% (7/21) Yellow: 48% (10/21) Red: 0% (0/21) D19 | HEAL (Healy)

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							

Flown: 0% (0/33) Green: 0% (0/33) Yellow: 0% (0/33) Red: 0% (0/33)

D19|N19A (D19 Nominal Runway)

1 2

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

Weather Forecast

Fairbanks, AK (BONA) Wed 7/17 Mon 7/22 Tue 7/16 Sun 7/21 Thu 7/18 Fri 7/19 Sat 7/20 67° | 49°F 65° | 48°F 66° | 47°F 72° | 51°F 76° | 54°F 80° | 56°F 83° | 60°F Mostly Cloudy Cloudy AM Clouds/PM Mostly Sunny Mostly Sunny Sunny Partly Cloudy Sun 🕘 0 in 🖉 0 in 🖉 0 in 0 in 0 in **0.01** in 0 in

Healy, AK (HEAL)

Tue 7/16	Wed 7/17	Thu 7/18	Fri 7/19	Sat 7/20	Sun 7/21	Mon 7/22
62° 43°F	57° 43°F	61° 42°F	67° 47°F	70° 50°F	74° 52°F	77° 55°F
	\bigcirc	\bigcirc				
	///	///				
Mostly Cloudy	PM Showers	AM Showers	Partly Cloudy	Mostly Sunny	Partly Cloudy	Partly Cloudy
🥑 0.05 in	🥑 0.2 in	🥑 0.04 in	0 in	0 in	0 in	🥑 0.03 in
\sim	\sim	M				
\sim	\sim					
Γ Λ				h	\sim	
	\sim		in			M

Delta Junction, AK (DEJU)

		22307				
Tue 7/16	Wed 7/17	Thu 7/18	Fri 7/19	Sat 7/20	Sun 7/21	Mon 7/22
66° 48°F	61° 47°F	64° 48°F	70° 50°F	74° 53°F	77° 56°F	79° 58°F
	\bigcirc	\bigcirc				
Partly Cloudy	Showers	AM Showers	Partly Cloudy	Mostly Sunny	Mostly Sunny	Partly Cloudy
🥑 0.11 in	0.27 in	🥑 0.03 in	🖉 0 in	🖉 0 in	0 in	🥑 0.09 in
		1 m		~~		
Cloud Co	ver (%)	Chance o	of Precip. (%)			
SOURCE: WUDO	lerground c	om				

source: wunderground.com

Flight Collection Plan for 16 July 2024

Flyority 1 Collection Area: Caribou Creek – Poker Flats Watershed (BONA) Flight Plan Name: D19_BONA_C1_P1_v2_PRM.xml On-Station Time: 10:30 L / 18:30 UTC

Flyority 2 Collection Area: Healy (HEAL) Flight Plan Name: D19_HEAL_R3_P1_v2_PRM.xml On-Station Time: 10:30 L / 18:30 UTC

Flyority 3 Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 *(lines 9-10 if green) Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml On-Station Time: 10:20 L / 18:20 UTC

Flyority 4 Collection Area: Delta Junction (DEJU) – Priority Flight Box 2 Flight Plan Name: D19_DEJU_R1_P1_P2_v6_PRM.xml On-Station Time: 10:20 L / 18:20 UTC

Flyority 5 Collection Area: Nominal Runway – D19 Flight Plan Name: D19_N19A_Nominal_Runway_Test_v2_PRM.xml

Crew: Mike (Lidar), Abe (NIS)