



Payload 1 Daily Flight Report



Date: 2023-07-27

Flight Campaign ID: P1C1

Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK

Aircraft: N331AR

Domain: 19 (Taiga)

Sites Flown: None

Days left in Domain: 25

Report Author: Cameron

Lidar Operators: Cameron **Flight Hours:** 00:00

Spectrometer Operators: Mike **Hours until maintenance:** 62.98

Pilots: Jeff, Vince

Summary

Another round of smoke and clouds in the region. No flight was conducted.

Concerns

- The crew went to the aircraft and conducted extensive troubleshooting on the digitizer. The results were forwarded to the AOP Lab.

Comments

- The D19 Hg test was completed today.

Daily Coverage

Estimated Cloud Cover Key

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

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

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														

Flown: 0% (0/46)

Green: 0% (0/46)

Yellow: 0% (0/46)

Red: 0% (0/46)

D19|DEJU_P1 (Delta Junction)

2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	----

Flown: 100% (9/9)

Green: 100% (9/9)

Yellow: 0% (0/9)

Red: 0% (0/9)

D19|DEJU_P2 (Delta Junction)

11	12	13	14	15	16	17	18	19	20
----	----	----	----	----	----	----	----	----	----

Flown: 100% (10/10)
 Green: 100% (10/10)
 Yellow: 0% (0/10)
 Red: 0% (0/10)

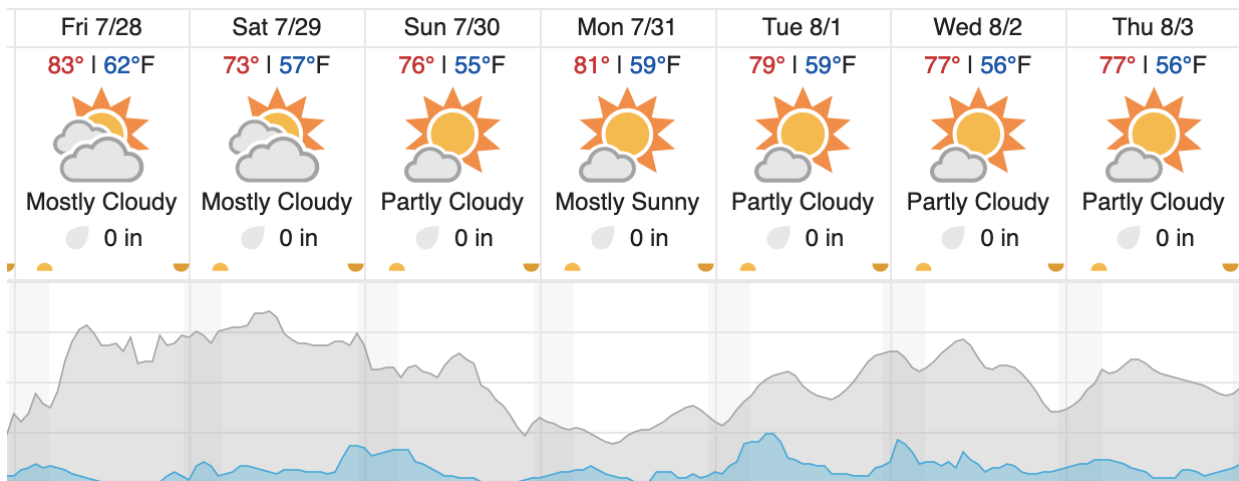
D19|HEAL (Healy)

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							

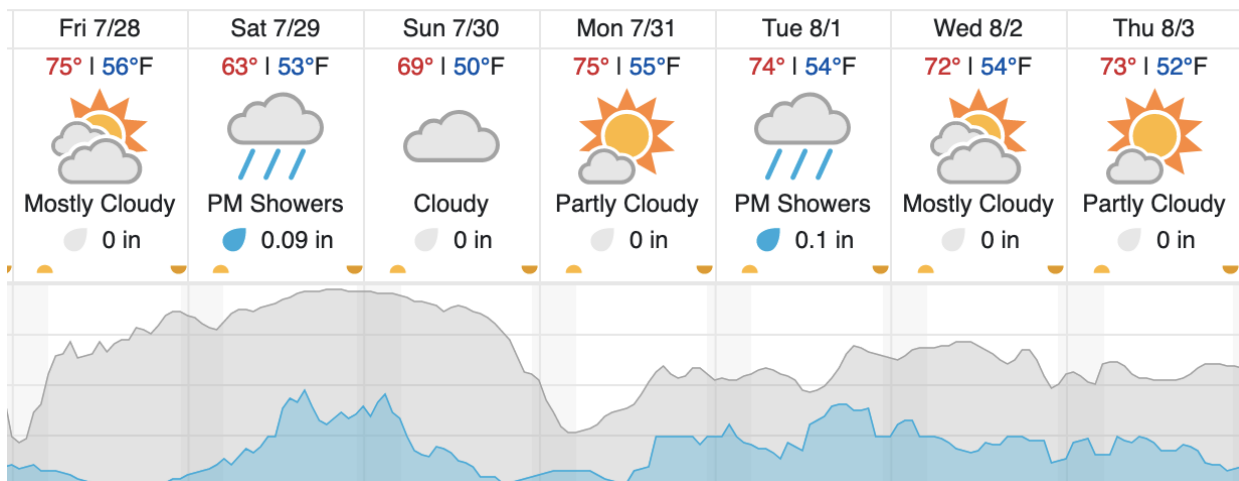
Flown: 0% (0/33)
 Green: 0% (0/33)
 Yellow: 0% (0/33)
 Red: 0% (0/33)

Weather Forecast

Fairbanks, AK (BONA)



Healy, AK (HEAL)



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

source: wunderground.com

Flight Collection Plan for 28 July 2023

Flyority 1

Collection Area: Caribou Creek – Poker Flats Watershed (BONA)

Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml

On-Station Time: 11:00 L / 19:00 UTC

Flyority 2

Collection Area: Healy (HEAL)

Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml

On-Station Time: 11:00 L / 19:00 UTC

Crew: Nike (Lidar), Cameron (NIS)