



## Payload 1 Daily Flight Report



**Date:** 2023-08-17

**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:** 4

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Abe

**Hours until maintenance:** 55.93

**Pilots:** Jeff, Vince

### Summary

With no rain in today's forecast, we hoped for a chance to fly. However a low, broken cumulus layer held steady over BONA throughout the solar angle period, well below our flight altitude. No flights were attempted.

### Concerns

None.

### Comments

The replacement digitizer arrived in Fairbanks today. It will be installed tomorrow morning ahead of any potential flights.

### Cumulative Domain Coverage

Estimated Cloud Cover Key

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

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: 20% (9/46)

Green: 0% (0/46)

Yellow: 0% (0/46)

Red: 20% (9/46)

D19|DEJU\_P1 (Delta Junction)

2	3	4	5	6	7	8	9	10
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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
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Flown: 100% (10/10)  
Green: 100% (10/10)  
Yellow: 0% (0/10)  
Red: 0% (0/10)

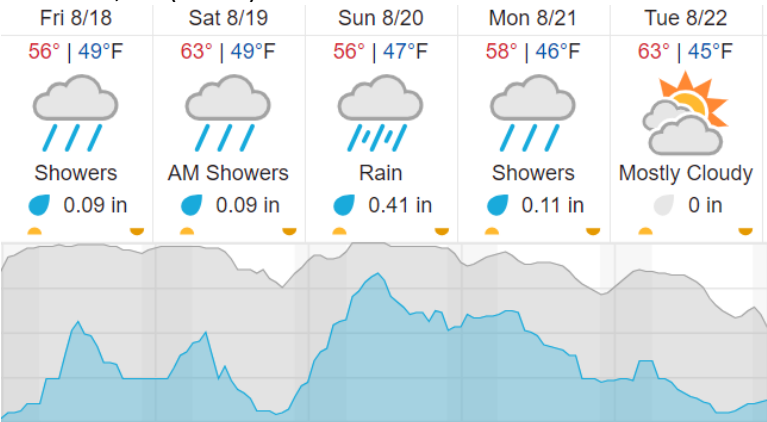
D19|HEAL (Healy)

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							

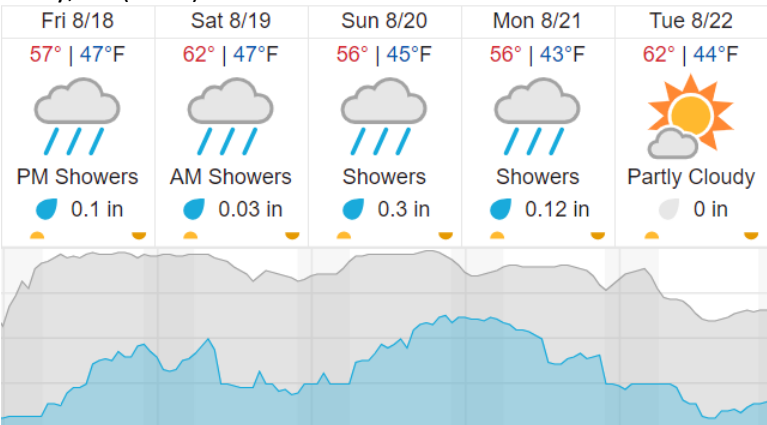
Flown: 100% (33/33)  
Green: 0% (0/33)  
Yellow: 0% (0/33)  
Red: 100% (33/33)

Weather Forecast

Fairbanks, AK (BONA)



Healy, AK (HEAL)



Cloud Cover (%)	Chance of Precip. (%)
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## **Flight Collection Plan for 18 August 2023**

### **Flyority 1**

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

Flight Plan Name: D19\_BONA\_C1\_P1\_v1\_PRM.xml

On-Station Time: 12:20 L / 20:20 UTC

### **Flyority 2**

Collection Area: Healy (HEAL) **\*\*If “green” sky conditions\*\***

Flight Plan Name: D19\_HEAL\_R3\_P1\_v1\_PRM.xml

On-Station Time: 12:10 L / 20:10 UTC

**Crew:** Abe (Lidar), Elissa (NIS)