



## Payload 1 Daily Flight Report



**Date:** 2023-08-21

**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:** 0

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Abe

**Hours until maintenance:** 55.93

**Pilots:** Jeff, Vince

### Summary

Unfortunately, our final day in D19 came and went with persistent low clouds and rain preventing any collections.

### Concerns

None.

### Comments

The plane was packed and readied for the transit, which will begin tomorrow morning.

- The vacuum pump, mercury lamp, and old digitizer were sent back to Boulder.
- RAID 13 was shipped.

### 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)

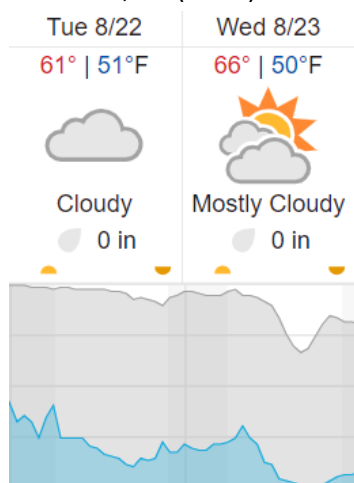
Green: 0% (0/33)

Yellow: 0% (0/33)

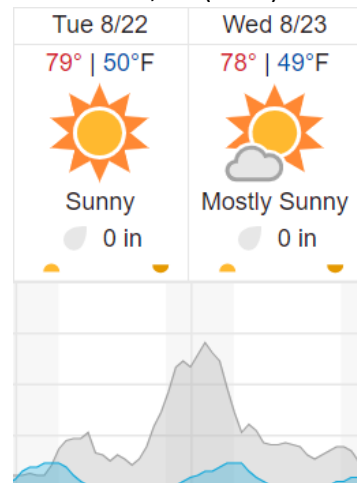
Red: 100% (33/33)

## Weather Forecast

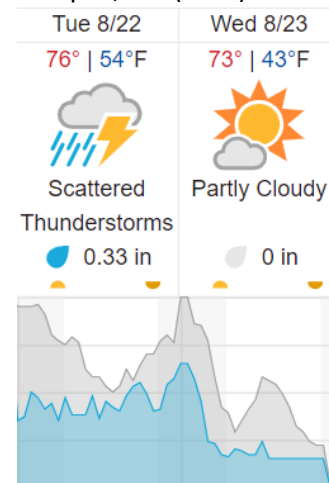
### Fairbanks, AK (PAFA)



### Fort Nelson, BC (CYYE)



### Kalispell, MT (KGPI)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

## Flight Collection Plan for 22 August 2023

Begin return transit to Boulder, CO (KBDU).

**Crew:** Elissa (flight), Abe (ground)