



## Payload 1 Daily Flight Report



**Date:** 2023-07-17

**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:** 35

**Report Author:** Cameron

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

**Spectrometer Operators:** Abe      **Hours until maintenance:** 67.50

**Pilots:** Vince, Jeff

### Summary

The crew mobilized to the airport this morning with clearish skies visible in the tower cameras and a small collection window in the forecast. Unfortunately, clouds began to develop above and below flight altitude prior to solar angle. No flight was conducted.

### Concerns

- None

### Comments

- The crew conducted an ADHOC tour of NASA's ABOVE payload and their new Spectrometer. They are currently sharing a hangar with our aircraft.

### 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)

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

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

D19|DEJU\_P2 (Delta Junction)

11	12	13	14	15	16	17	18	19	20	21
----	----	----	----	----	----	----	----	----	----	----

Flown: 0% (0/11)  
Green: 0% (0/11)  
Yellow: 0% (0/11)  
Red: 0% (0/11)

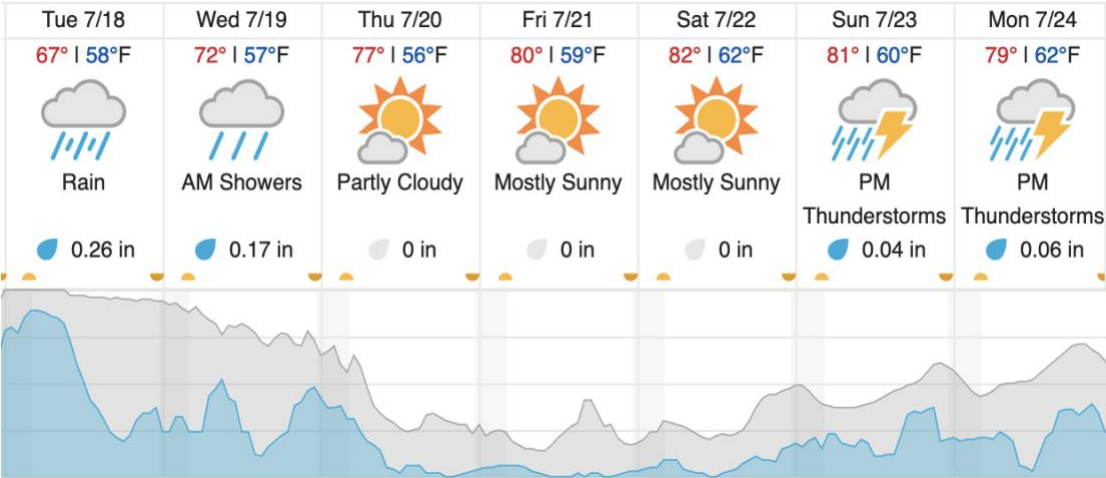
D19|HEAL (Healy )

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							

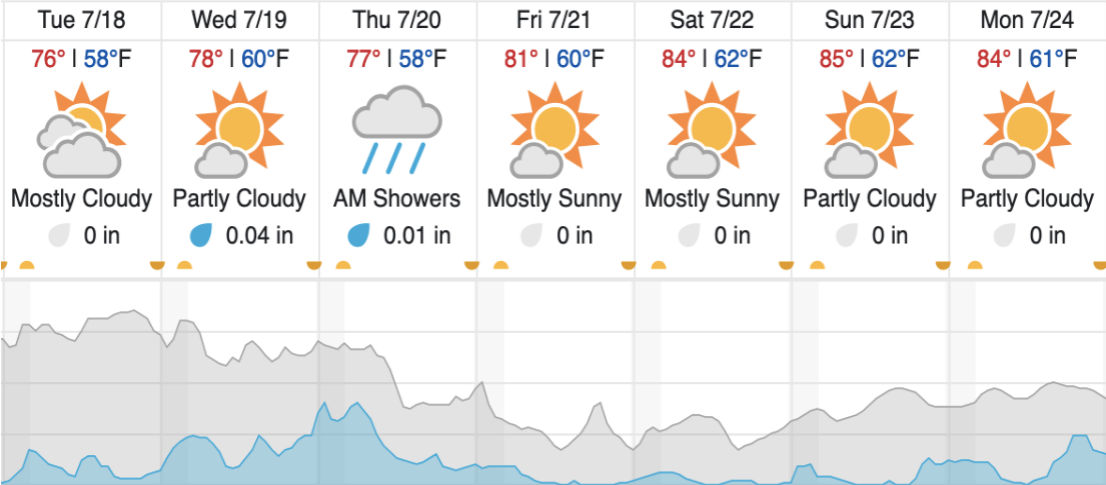
Flown: 0% (0/33)  
Green: 0% (0/33)  
Yellow: 0% (0/33)  
Red: 0% (0/33)

Weather Forecast

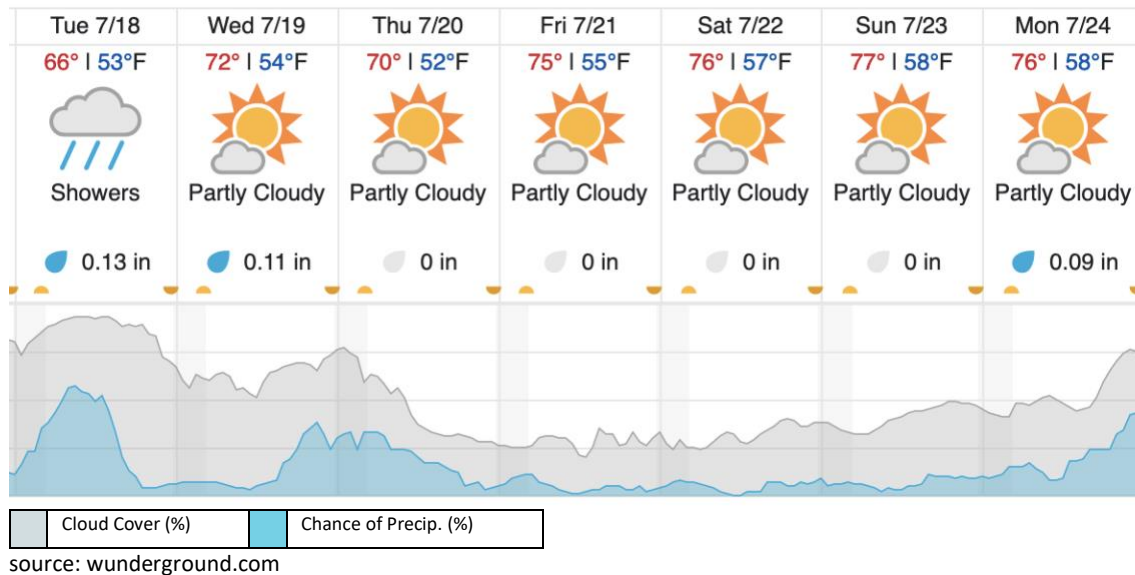
Delta Junction, AK (DEJU)



Fairbanks, AK (BONA)



## Healy, AK (HEAL)



## Flight Collection Plan for 18 July 2023

### Flyority 1

Collection Area: Delta Junction (DEJU) – Priority Flight Box 1

Flight Plan Name: D19\_DEJU\_R1\_P1\_P2\_v5\_PRM.xml

On-Station Time: 10:20 L / 18:20 UTC

### Flyority 2

Collection Area: Delta Junction (DEJU) – Priority Flight Box 2

Flight Plan Name: D19\_DEJU\_R1\_P1\_P2\_v5\_PRM.xml

On-Station Time: 10:20 L / 18:20 UTC

### Flyority 3

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

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

On-Station Time: 10:30 L / 18:30 UTC

### Flyority 4

Collection Area: Healy (HEAL)

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

On-Station Time: 10:30 L / 18:30 UTC

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