



## Payload 1 Daily Flight Report



**Date:** 2024-06-28

**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:** 32

**Report Author:** Cameron

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

**Spectrometer Operators:** Abe      **Hours until maintenance:** 106.83

**Pilots:** Vince, Cody

### Summary

Another round of clouds and smoke today. No flights were conducted.

### Concerns

- The Axe ground readout is intermittently erroneous. The AOP Lab has been notified and a temporary work around has been agreed upon.

### Comments

- Pilot display USB cable arrived from HQ and was installed this afternoon.
- Mike arrives in D19 tonight.

### Daily Coverage

#### Estimated Cloud Cover Key

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

#### Solar Angle Less Than 40 degrees

Line #
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**Flight Screenshots:** None

### 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 (Delta Junction)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 33% (7/21)  
 Green: 0% (0/21)  
 Yellow: 33% (7/21)  
 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)

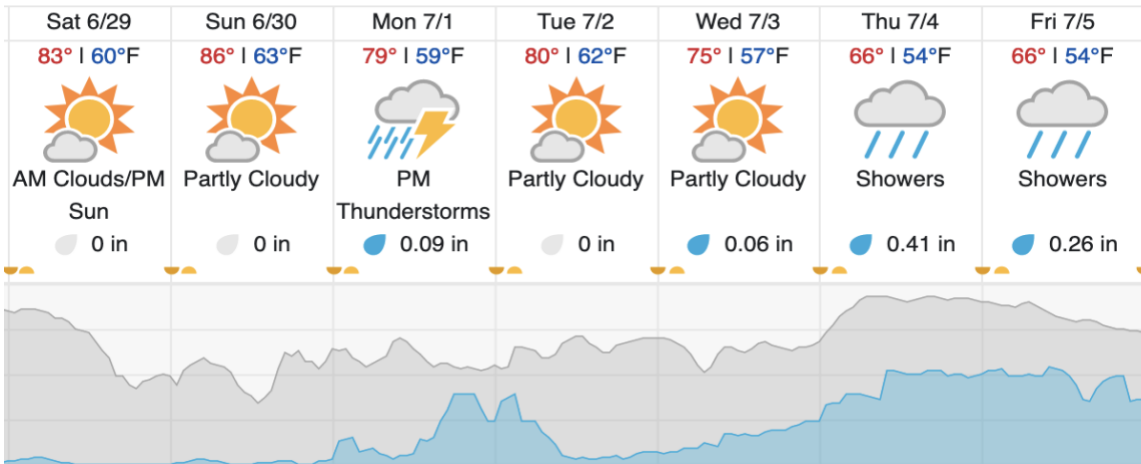
D19|N19A (D19 Nominal Runway)

1	2																		
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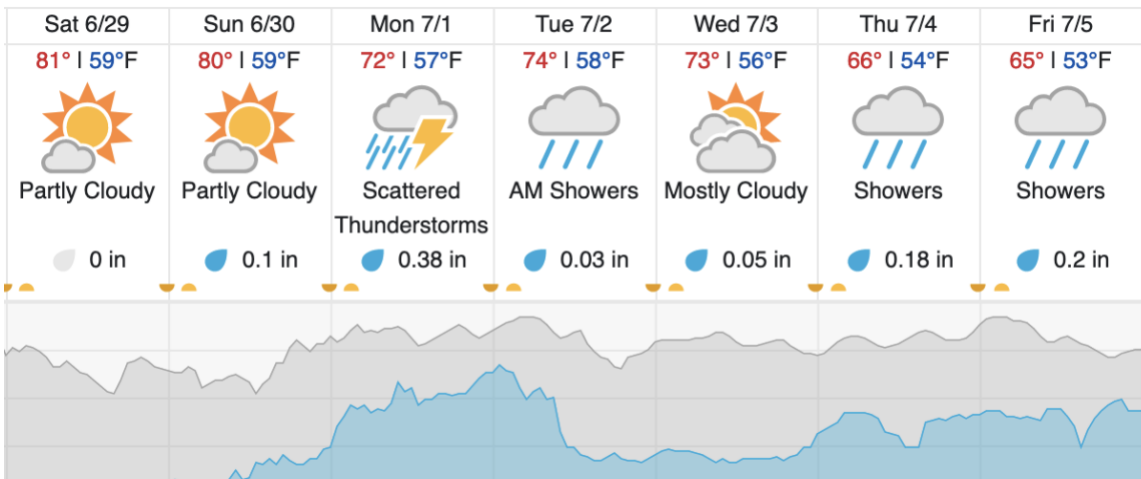
Flown: 0% (0/2)  
 Green: 0% (0/2)  
 Yellow: 0% (0/2)  
 Red: 0% (0/2)

**Weather Forecast**

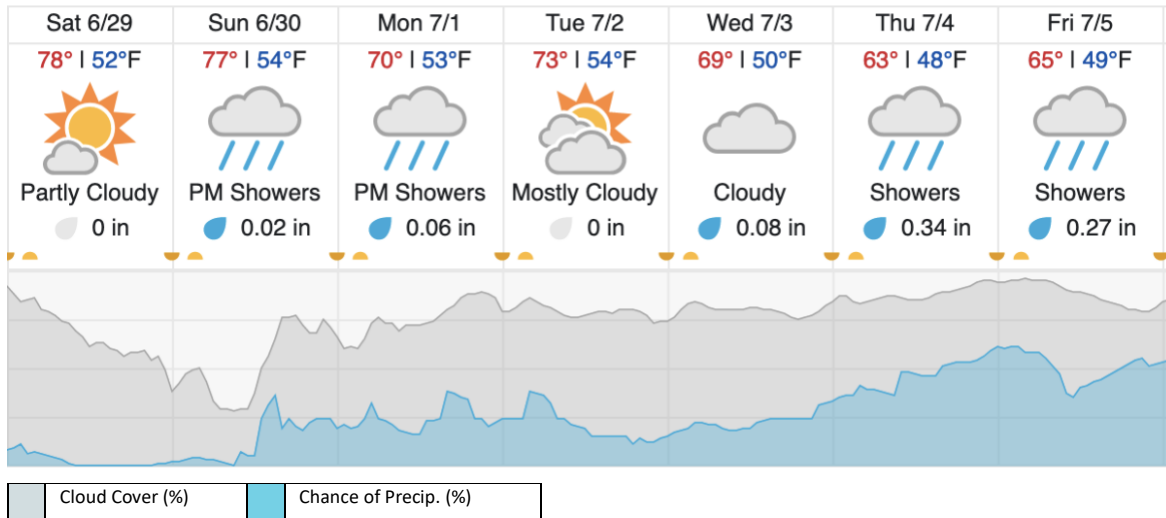
Fairbanks, AK (BONA)



Delta Junction, AK (DEJU)



## Healy, AK (HEAL)



source: wunderground.com

## Flight Collection Plan for 29 June 2024

### Flyority 1

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

Flight Plan Name: D19\_BONA\_C1\_P1\_v2\_PRM.xml

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

### Flyority 2

Collection Area: Healy (HEAL)

Flight Plan Name: D19\_HEAL\_R3\_P1\_v2\_PRM.xml

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

### Flyority 3

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

Flight Plan Name: D19\_DEJU\_R1\_P1\_P2\_v6\_PRM.xml

On-Station Time: 10:00 L / 18:00 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: 10:00 L / 18:00 UTC

### Flyority 3

Collection Area: Nominal Runway – D19

Flight Plan Name: D19\_N19A\_Nominal\_Runway\_Test\_v2\_PRM.xml

Crew: Abe (Lidar), Mike (NIS) Cam (Ground)