



# Payload 1 Daily Flight Report



**Date:** 2024-07-14  
**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:** 16

**Report Author:** Mike  
**Lidar Operators:** Mike      **Flight Hours:** 0.0  
**Spectrometer Operators:** Abe      **Hours until maintenance:** 99.82  
**Pilots:** Will, Jeff      **GPS Instruments:** none

### Summary

The rain returned today. No flights were conducted.

### Concerns

None.

### Comments

John departed the flight crew, but will be back. Enjoy the time off!

### 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: 46% (21/46)  
 Green: 0% (0/46)  
 Yellow: 20% (9/46)  
 Red: 26% (12/46)

#### 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: 81% (17/21)  
 Green: 33% (7/21)  
 Yellow: 48% (10/21)  
 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)

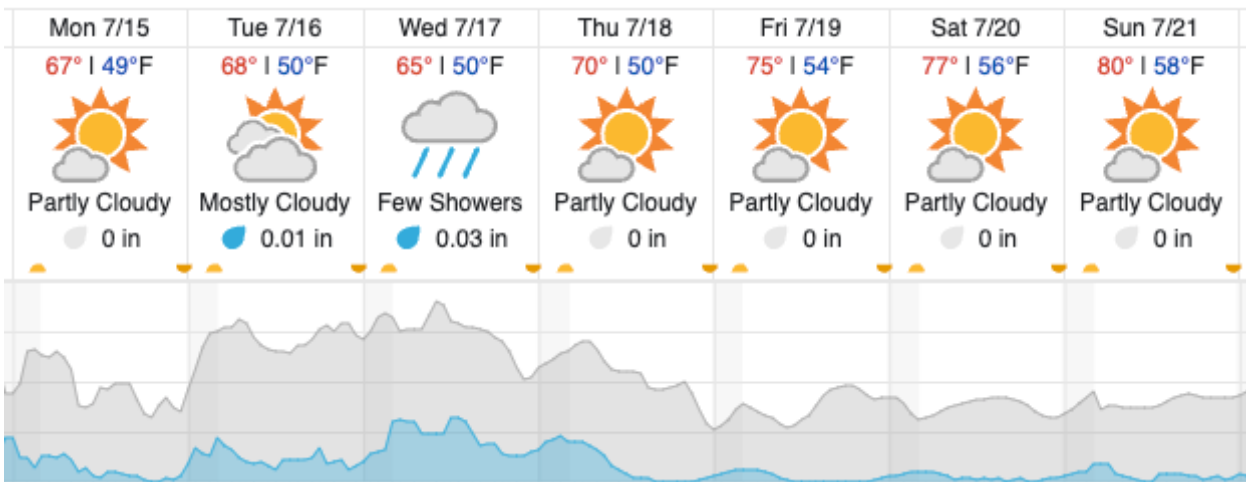
D19 | N19A (D19 Nominal Runway)

|   |   |
|---|---|
| 1 | 2 |
|---|---|

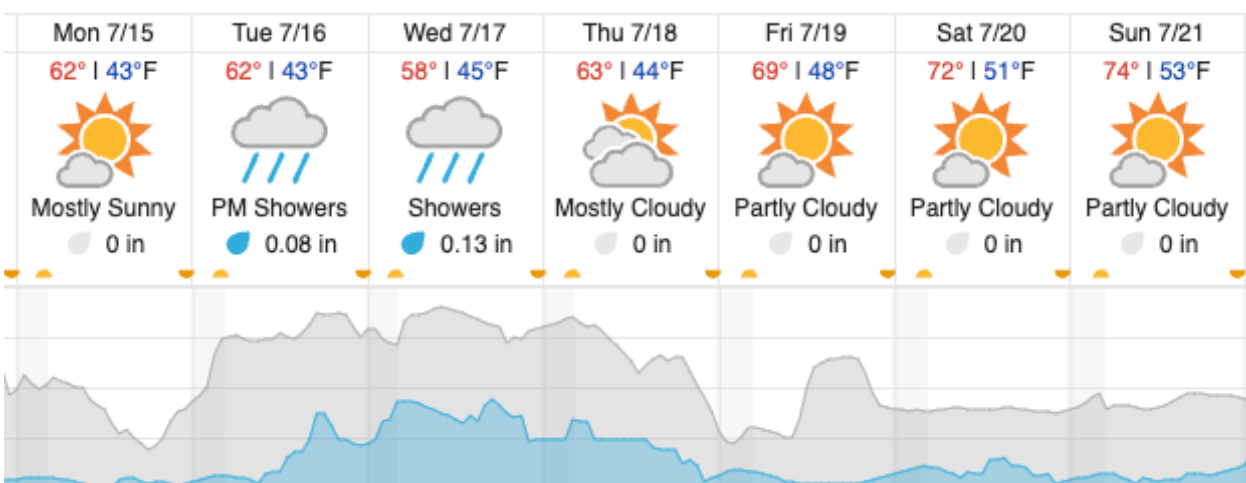
Flown: 0% (0/2)  
 Green: 0% (0/2)  
 Yellow: 0% (0/2)  
 Red: 0% (0/2)

**Weather Forecast**

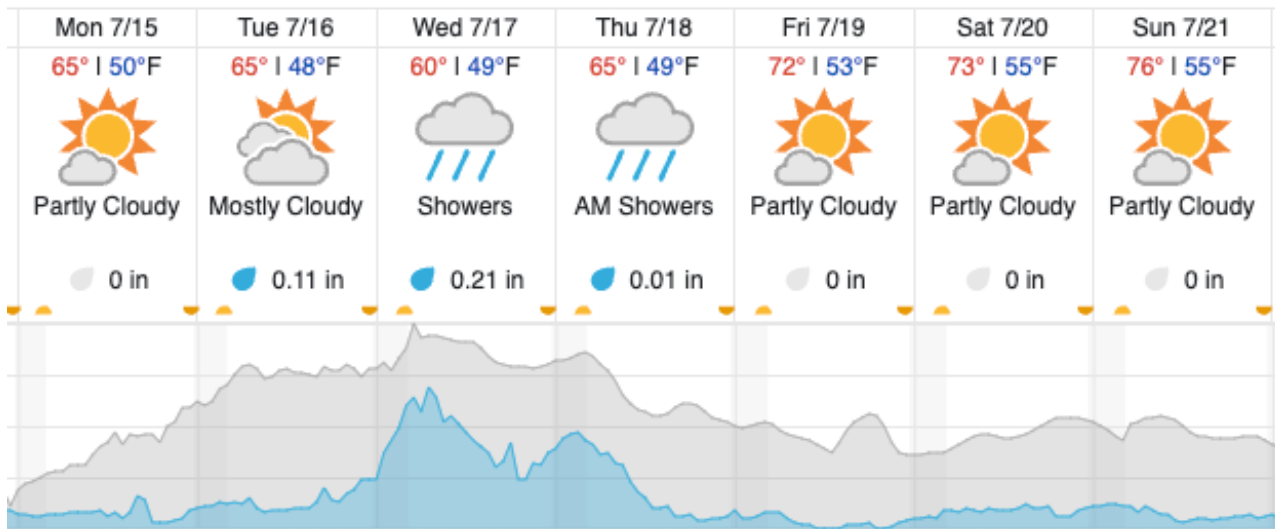
Fairbanks, AK (BONA)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



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

source: wunderground.com

**Flight Collection Plan for 15 July 2024**

**Flyority 1**

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

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

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

**Flyority 2**

Collection Area: Healy (HEAL)

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

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

**Flyority 3**

Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 \*(lines 9-10 if green)

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

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

**Flyority 5**

Collection Area: Nominal Runway – D19

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

Crew: Abe (Lidar), Mike (NIS)