



Payload 1 Daily Flight Report



**Date:** 2024-07-15

**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:** 15

**Report Author:** Abe

**Lidar Operators:** Abe

**Flight Hours:** 00:00

**Spectrometer Operators:** Mike **Hours until maintenance:** 99.82

**Pilots:** Jeff, Will

**Summary**

Low clouds throughout the region didn't allow for any collections today. No flights were made.

**Concerns**

-The NIS spontaneously went into "safe" mode early this morning. The crew was able to get the system back to cooling within about an hour and back to nominal operating temp and pressure shortly thereafter. The Lab staff is looking into the cause of this issue.

-The pilot display intermittently turning off issues seems to be getting worse. The cable was replaced about 2 weeks ago, but there seems to be connection problems in the jack on the back of the display and the USB sockets at the krystal.

**Comments**

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: 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)

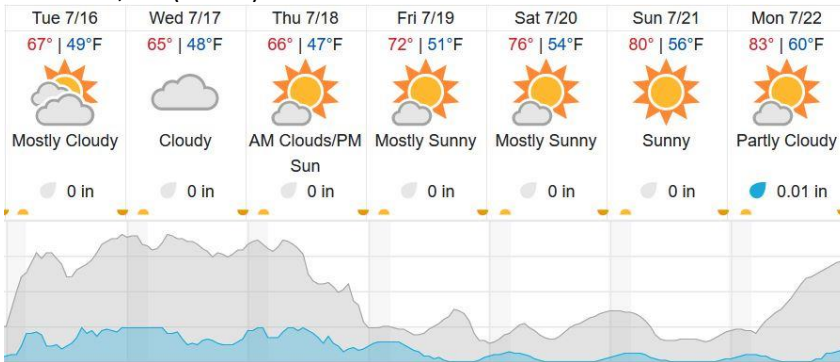
D19 | N19A (D19 Nominal Runway )

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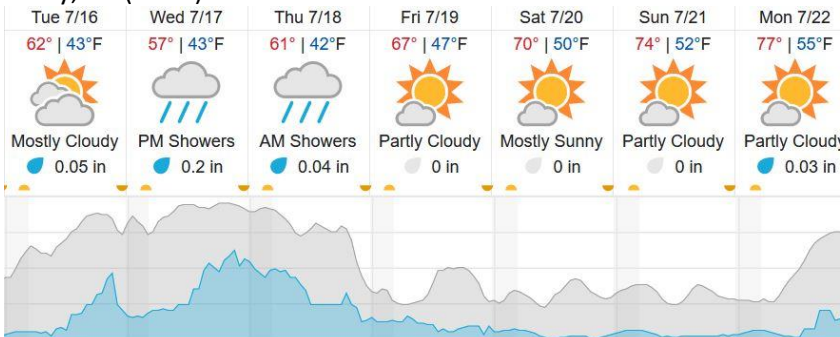
Flown: 0% (0/2)  
 Green: 0% (0/2)  
 Yellow: 0% (0/2)  
 Red: 0% (0/2)

**Weather Forecast**

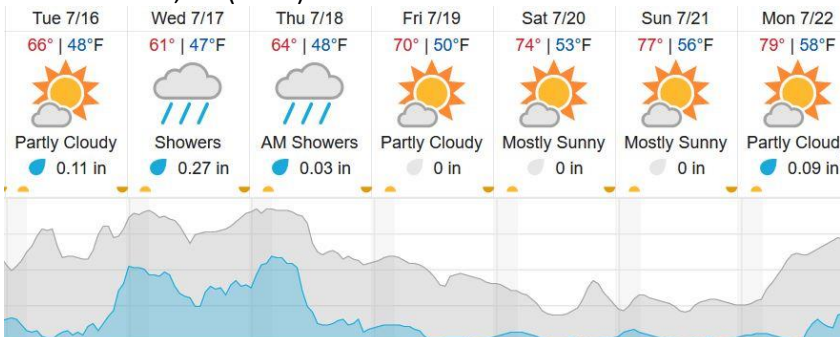
Fairbanks, AK (BONA)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



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

## Flight Collection Plan for 16 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: Mike (Lidar), Abe (NIS)