



# Payload 1 Daily Flight Report



Date: 2024-07-24

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: 6

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Abe Hours until maintenance: 87.60

Pilots: Jeff, Will

## Summary

High cirrus clouds and plentiful smoke prevented any attempts to “green up” any data today. No flights occurred.

## Concerns

None

## Comments

- With the extended forecast not looking promising for greening up any lines and initial coverage complete, the crew is starting to make preparations for the potential of an early departure out of D19.
- John arrives in Fairbanks late tonight.

## 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: 100% (46/46)

Green: 0% (0/46)

Yellow: 76% (35/46)

Red: 24% (11/46)

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: 100% (21/21)

Green: 33% (7/21)

Yellow: 67% (14/21)

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: 100% (33/33)

Green: 0% (0/33)  
 Yellow: 15% (5/33)  
 Red: 85% (28/33)

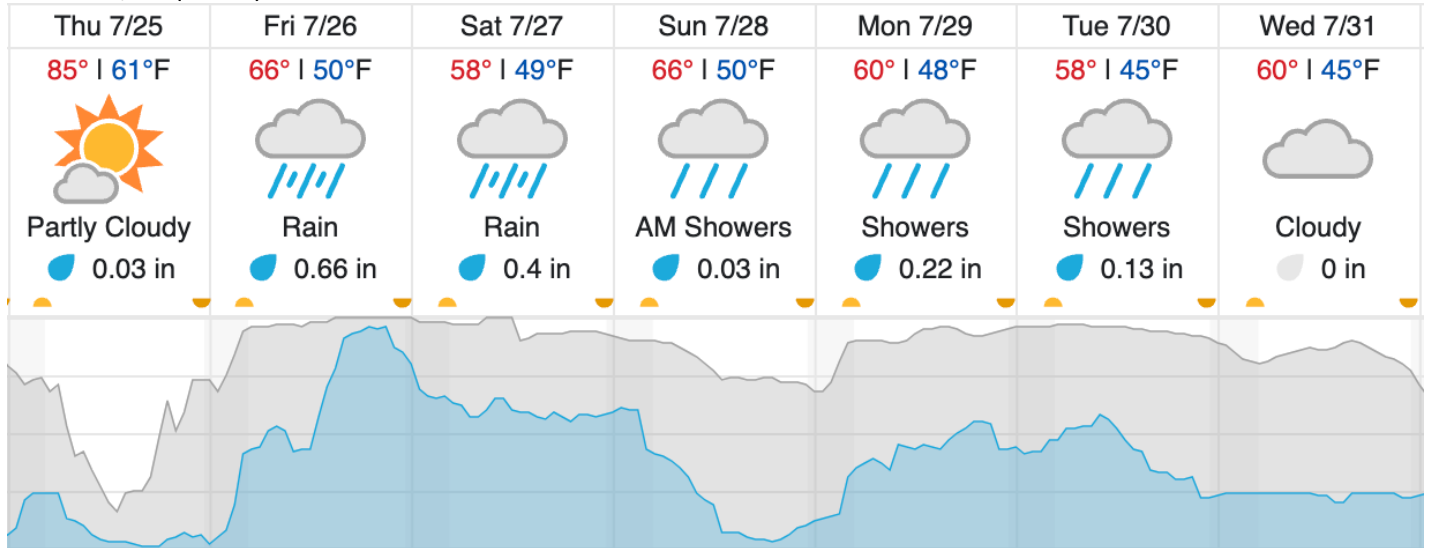
D19|N19A (D19 Nominal Runway )

1 2

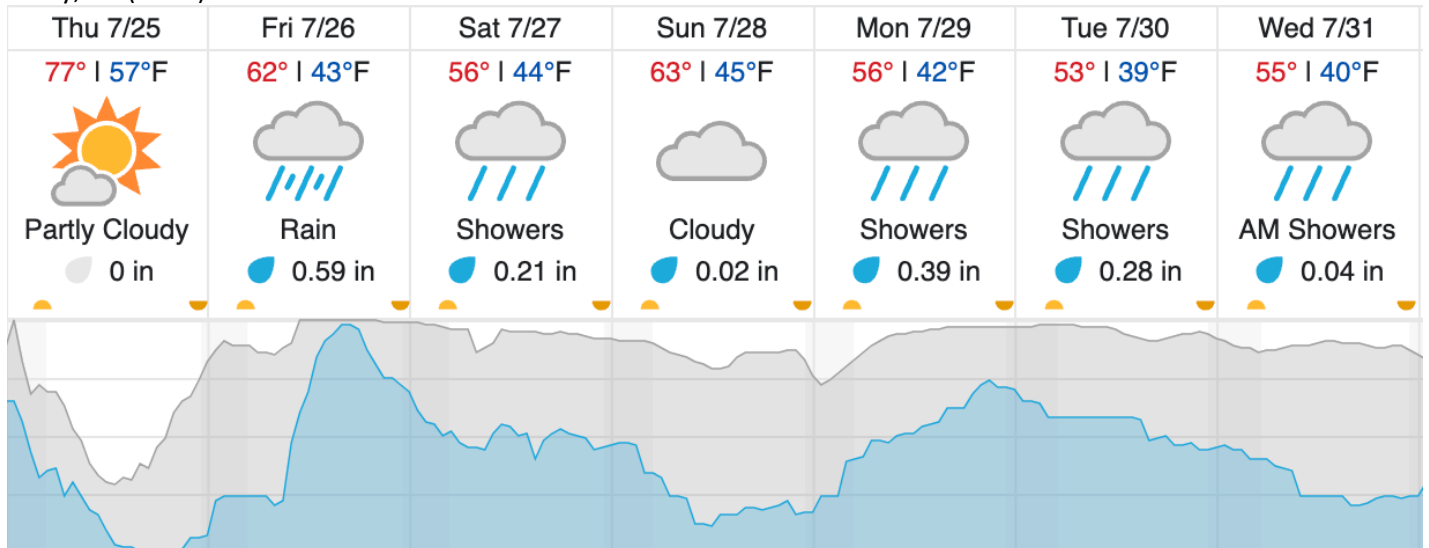
Flown: 100% (2/2)  
 Green: 0% (0/2)  
 Yellow: 100% (2/2)  
 Red: 0% (0/2)

**Weather Forecast**

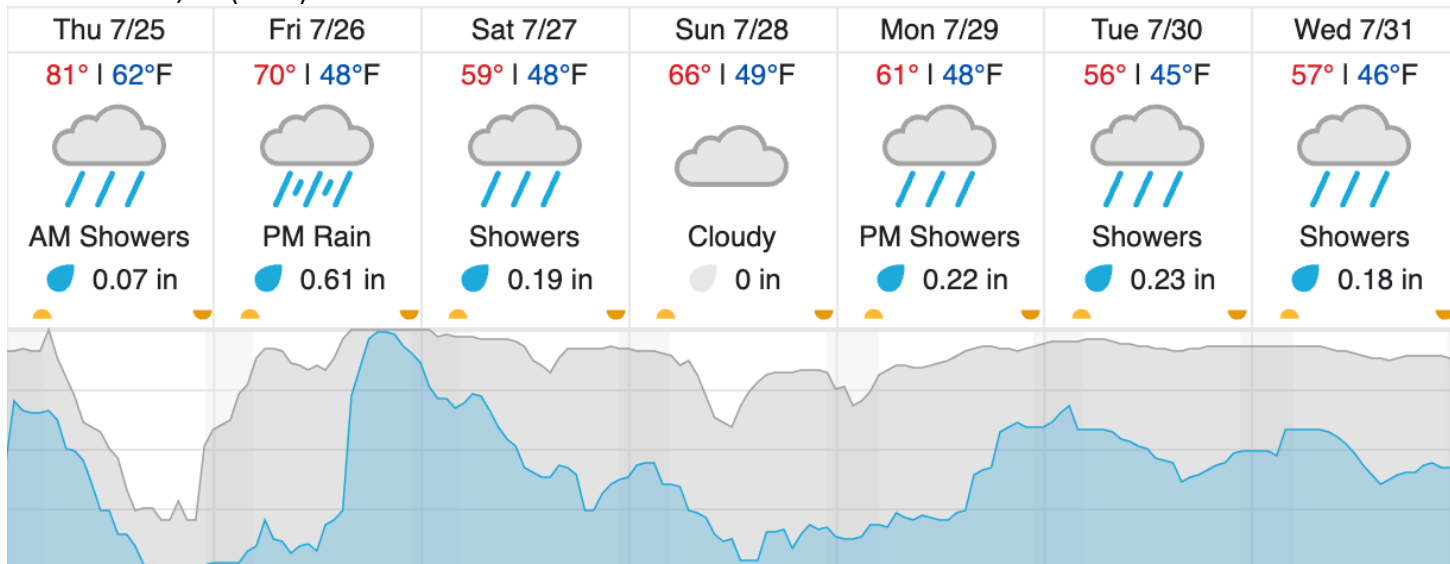
Fairbanks, AK (BONA)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



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

source: wunderground.com

**Flight Collection Plan for 25 July 2024**

**Flyority 1**

Collection Area: Caribou Creek – Poker Flats Watershed (BONA) \*if green conditions present

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

On-Station Time: 10:50 L / 18:50 UTC

**Flyority 2**

Collection Area: Healy (HEAL) \*if green conditions present

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

On-Station Time: 10:50 L / 18:50 UTC

**Flyority 3**

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

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

On-Station Time: 10:40 L / 18:40 UTC

**Flyority 4**

Collection Area: Delta Junction (DEJU) – Priority Flight Box 2 \* if green conditions present

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

On-Station Time: 10:40 L / 18:40 UTC

Crew: Abe (Lidar), Mitch (NIS)