



Payload 1 Daily Flight Report



Date: 2023-07-15

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: 37

Report Author: John

Lidar Operators: John

Flight Hours: 00:00

Spectrometer Operators: Abe

Hours until maintenance: 68.4

Pilots: Jeff, Vince

Summary

The system completed its cool down and is ready for mission flights.

Concerns

None.

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: 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)

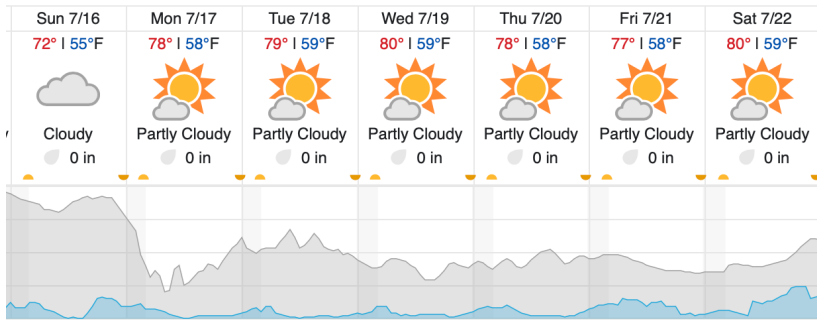
Green: 0% (0/33)

Yellow: 0% (0/33)

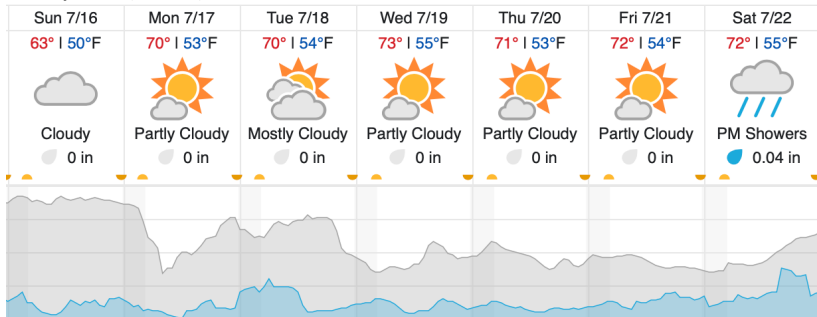
Red: 0% (0/33)

Weather Forecast

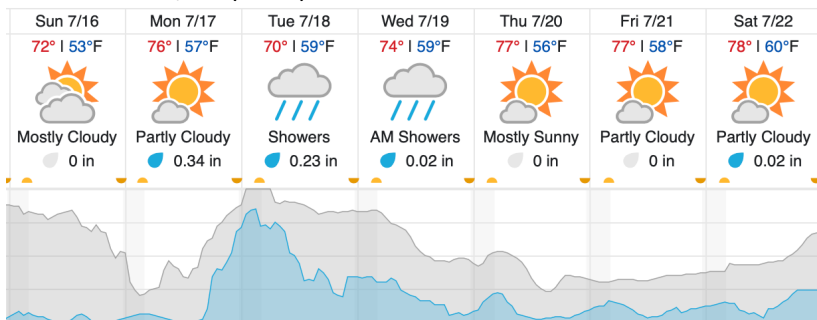
Fairbanks, AK (BONA)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



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

source: wunderground.com

Flight Collection Plan for 16 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), Cam (NIS), John (ground)