



Payload 1 Daily Flight Report



Date: 2024-07-25

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: 5

Report Author: Abe

Lidar Operators: Abe

Flight Hours: 00:00

Spectrometer Operators: Mitch **Hours until maintenance:** 87.60

Pilots: Jeff, Will

Ground Crew: John

Summary

Thunderstorms this morning and clouds this afternoon didn't make for any green up conditions today. No flights were made. With bad weather in the forecast for the rest of our domain stay the crew is looking for a decent weather window to start the transit to D01.

Concerns

None

Comments

-John joined the crew this morning, and Abe departs tomorrow morning. Thanks for the hard work Abe!!!

-Raids 21, 22, 23 were shipped today.

-A pallet containing flight support equipment was built today and is ready for fedex pickup tomorrow. This pallet will be delivered to the FBO in D1.

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)

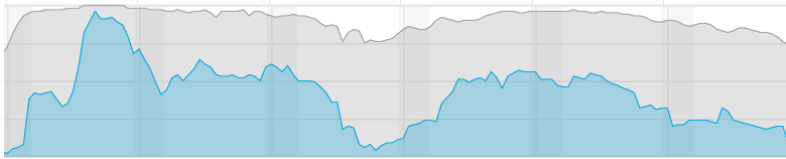
| | |
|---|---|
| 1 | 2 |
|---|---|

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

Weather Forecast

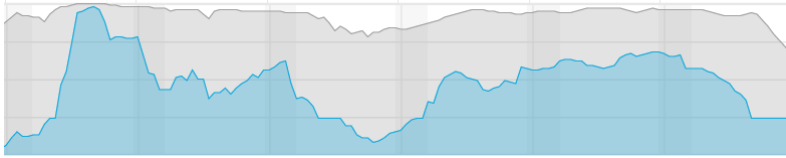
Fairbanks, AK (BONA)

| Fri 7/26 | Sat 7/27 | Sun 7/28 | Mon 7/29 | Tue 7/30 | Wed 7/31 |
|------------|------------|------------|------------|------------|------------|
| 67° 49°F | 58° 49°F | 64° 50°F | 60° 48°F | 59° 46°F | 63° 47°F |
| | | | | | |
| Rain | Showers | AM Showers | Showers | Showers | AM Showers |
| 0.45 in | 0.28 in | 0.04 in | 0.23 in | 0.2 in | 0.02 in |



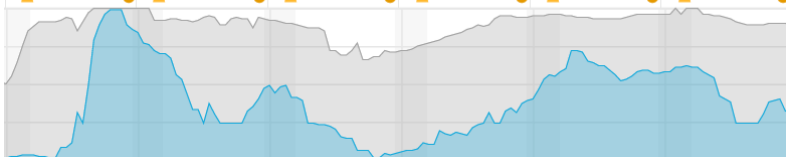
Healy, AK (HEAL)

| Fri 7/26 | Sat 7/27 | Sun 7/28 | Mon 7/29 | Tue 7/30 | Wed 7/31 |
|------------|------------|------------|------------|------------|------------|
| 61° 44°F | 56° 45°F | 62° 46°F | 57° 42°F | 53° 41°F | 57° 41°F |
| | | | | | |
| Rain | Showers | AM Showers | Showers | Light Rain | Showers |
| 0.59 in | 0.22 in | 0.02 in | 0.32 in | 0.4 in | 0.12 in |



Delta Junction, AK (DEJU)

| Fri 7/26 | Sat 7/27 | Sun 7/28 | Mon 7/29 | Tue 7/30 | Wed 7/31 |
|------------|------------|---------------|------------|------------|------------|
| 69° 49°F | 59° 47°F | 64° 49°F | 63° 48°F | 54° 46°F | 59° 47°F |
| | | | | | |
| PM Rain | Showers | Mostly Cloudy | Cloudy | Showers | AM Showers |
| 0.72 in | 0.15 in | 0 in | 0.13 in | 0.48 in | 0.2 in |



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

Flight Collection Plan for 26 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: Mitch (Lidar), John (NIS)