



Payload 1 Daily Flight Report

Date: 2024-07-26

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: 1

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: John Hours until maintenance: 87.60

Pilots: Jeff, Will

Summary

Rain really started to set in today, with overcast conditions present all day and heavy rain in the afternoon. No flights were conducted. With no green opportunities present in the remaining days, the crew are looking to depart Fairbanks early for the long transit to Nashua for D01 flights. The pilots are currently eyeing a Sunday afternoon departure, hoping timing with a slight break in the weather. If all goes to plan, we should arrive in Nashua Wednesday.

Concerns

None

Comments

- The pallet with our Nashua shipment was picked up by Fedex from the hangar this morning. This marks the last of the items needing to be shipped out.
- We conducted a tour this afternoon with members of the D19 Domain Staff and the BONA LTER. Thanks to all that attended!

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)

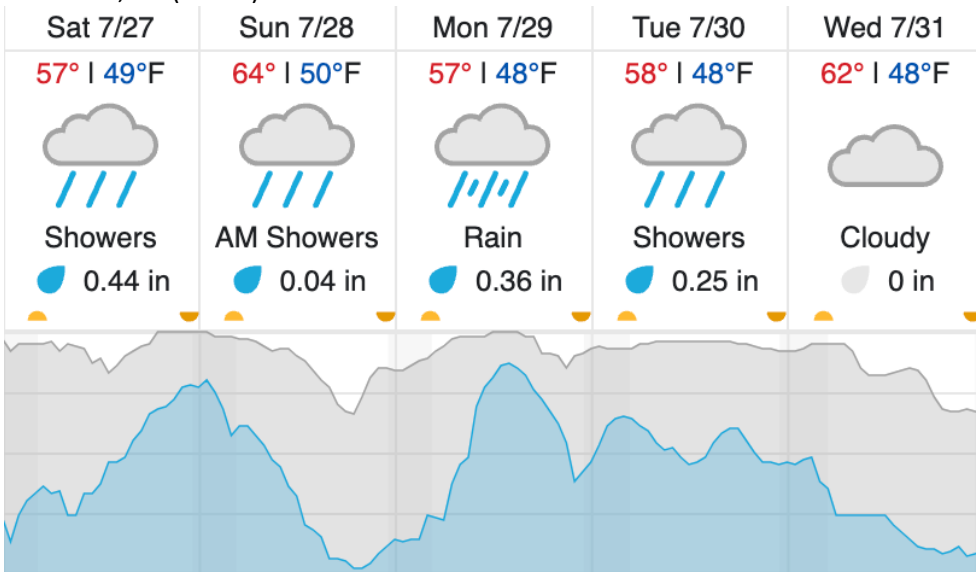
D19 | N19A (D19 Nominal Runway)

1	2
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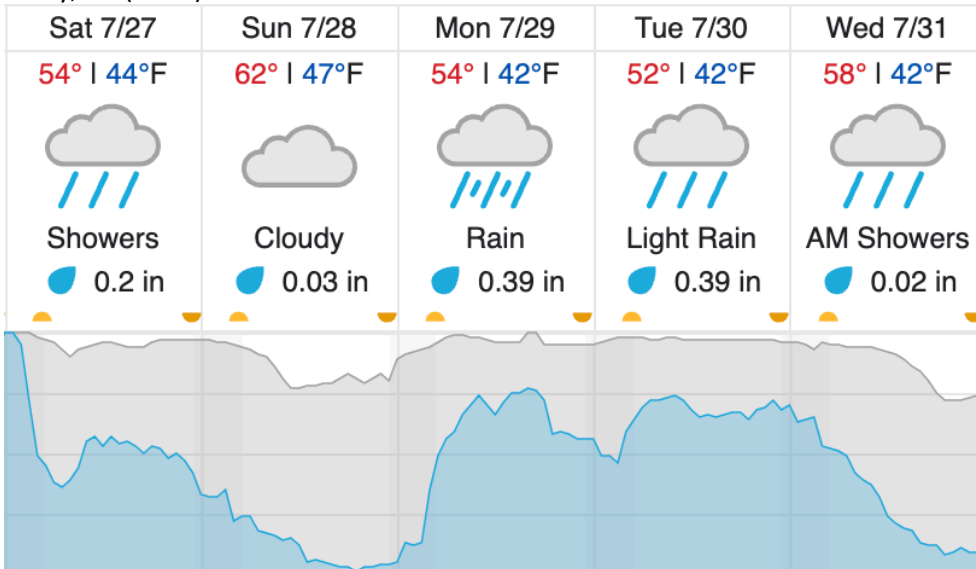
Flown: 100% (2/2)
 Green: 0% (0/2)
 Yellow: 100% (2/2)
 Red: 0% (0/2)

Weather Forecast

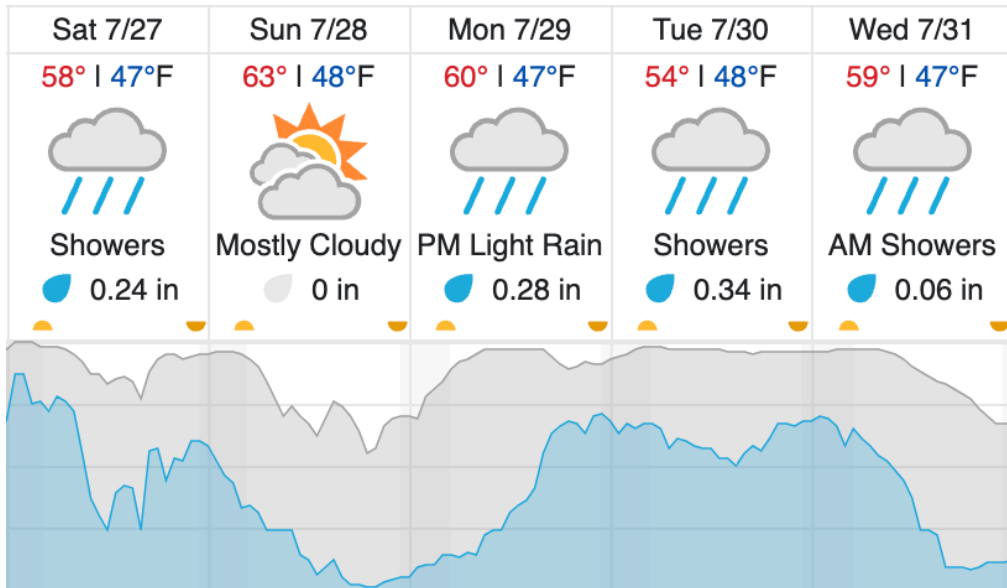
Fairbanks, AK (BONA)



Healy, AK (HEAL)



Delta Junction, AK (DEJU)



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

source: wunderground.com

Flight Collection Plan for 27 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: John (Lidar), Mitch (NIS)