



Payload 1 Daily Flight Report



Date: 2023-08-19

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: 2

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Abe

Hours until maintenance: 55.93

Pilots: Jeff, Vince

Summary

A seasonal shift seems to be well underway in Fairbanks, with yet another consecutive day of overcast clouds and scattered showers. No data collection was possible at BONA beneath the low cloud ceiling.

Concerns

None.

Comments

Crew discussed plans for the upcoming transit to Boulder, CO. It should be possible to avoid bad weather and the worst of the Canadian wildfire activity along a standard route.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

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: 20% (9/46)

Green: 0% (0/46)

Yellow: 0% (0/46)

Red: 20% (9/46)

D19|DEJU_P1 (Delta Junction)

2	3	4	5	6	7	8	9	10
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Flown: 100% (9/9)
Green: 100% (9/9)
Yellow: 0% (0/9)
Red: 0% (0/9)

D19|DEJU_P2 (Delta Junction)

11	12	13	14	15	16	17	18	19	20
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Flown: 100% (10/10)
Green: 100% (10/10)
Yellow: 0% (0/10)
Red: 0% (0/10)

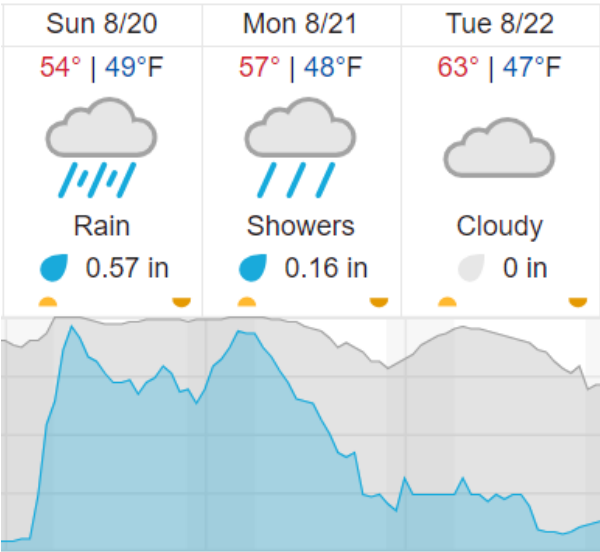
D19|HEAL (Healy)

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							

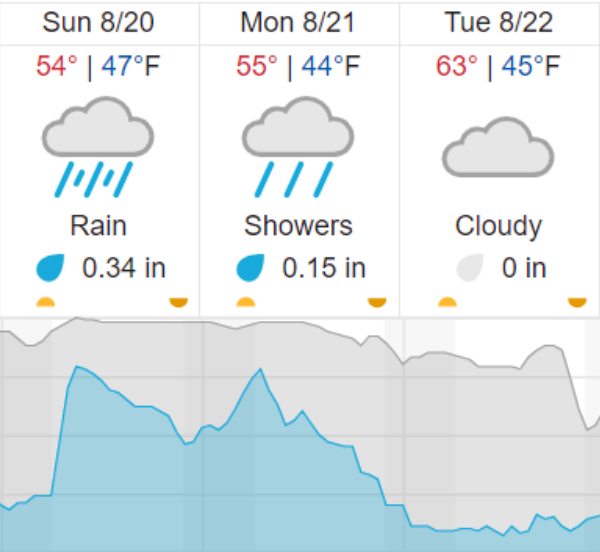
Flown: 100% (33/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 100% (33/33)

Weather Forecast

Fairbanks, AK (BONA)



Healy, AK (HEAL)



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

Flight Collection Plan for 20 August 2023

Flyority 1

Collection Area: Caribou Creek – Poker Flats Watershed (BONA)

Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml

On-Station Time: 12:20 L / 20:20 UTC

Flyority 2

Collection Area: Healy (HEAL) ****If “green” sky conditions****

Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml

On-Station Time: 12:10 L / 20:10 UTC

Crew: Abe (Lidar), Elissa (NIS)