



Payload 1 Daily Flight Report



Date: 2023-08-07

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: 14

Report Author: John

Lidar Operators: John

Flight Hours: 00:00

Spectrometer Operators: Elissa **Hours until maintenance:** 62.98

Ground: n/a

Pilots: Jeff, Vince

Summary

Extreme smoke and haze in the Fairbanks area; normal cloudiness in the surrounding region. No flights were conducted. Air quality almost pegged out today.

Concerns

None.

Comments

Shipped out RAID Drive #12.

Cam departed for Colorado today, thank you for diligent efforts!

Image from EPA AirNow site:



Estimated Cloud Cover Key

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

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)

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)

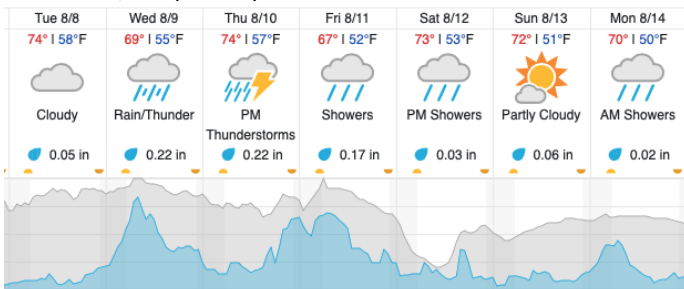
D19|HEAL (Healy)

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								

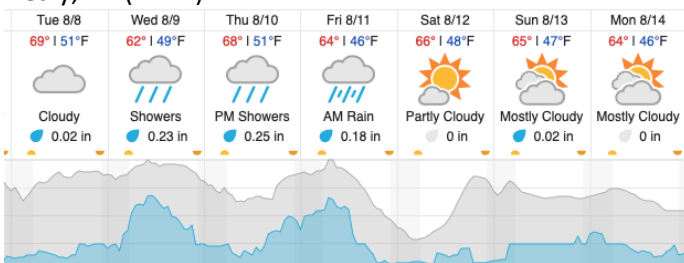
Flown: 0% (0/33)
 Green: 0% (0/33)
 Yellow: 0% (0/33)
 Red: 0% (0/33)

Weather Forecast

Fairbanks, AK (BONA)



Healy, AK (HEAL)



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

Flight Collection Plan for 8 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: 11:30 L / 19:30 UTC

Flyority 2

Collection Area: Healy (HEAL)

Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml

On-Station Time: 11:30 L / 19:30 UTC

Crew: Elissa (Lidar), John (NIS)