



August 9, 2018 Payload 2 Daily Flight Report



Date: 2018-08-09

Flight Campaign ID: 2018_P2C1

Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK

Domain: 19

Sites Flown: BONA (Caribou Creek and Poker Flats Watershed)

Days left in Domain: 13

Report Author: Robb Walker

Flight Crew: Robb Walker, Heather Rogers

Ground/GPS: John Adler

Pilots: Mike Francis, Dylan Malfatti

Additional Personnel:

GPS Instruments: C-FAI1, U-PFR2

Flight Hours: 02:02

Hours until maintenance: 55.75

Summary

Clouds broke up mid-day over BONA, by the time we were airborne over flight box clouds began to build. Continued to collect for initial coverage until precipitation was observed on the horizon.

Concerns

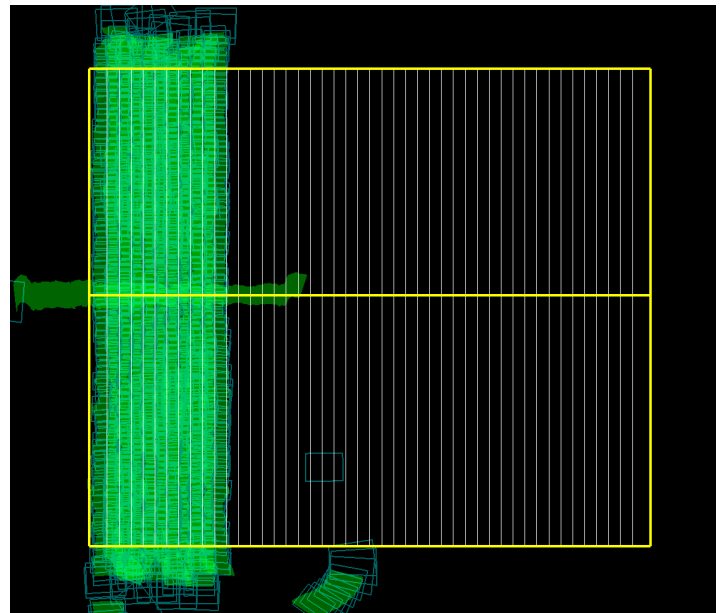
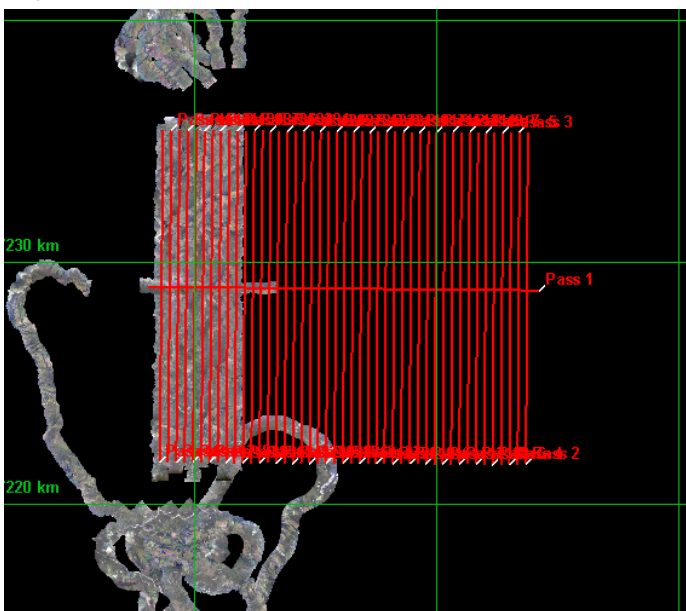
None

Comments

-Delay before flight due to ground personnel pulling power before signal. System had to be restarted after engine start.

-02_FBO_KFAI deployed after flight today.

Flight Screenshots



Daily Coverage

D19 BONA	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	37				✓	✓	✓	NLC
	38				✓	✓	✓	NLC
	39				✓	✓	✓	NLC
	40				✓	✓	✓	NLC
	41				✓	✓	✓	NLC
	42				✓	✓	✓	NLC
	43				✓	✓	✓	NLC
	44				✓	✓	✓	NLC
	45				✓	✓	✓	NLC
	46				✓	✓	✓	NLC
Flown:	11							

Cumulative Domain Coverage

BONA

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: 48% (22/46)

Green: 0% (0/46)

Yellow: 24% (11/46)

Red: 28% (13/46)

DEJU

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								

Flown: 84% (27/32)

Green: 44% (14/32)

Yellow: 0% (0/32)

Red: 44% (14/32)

HEAL

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: 36% (12/33)

Yellow: 67% (22/33)

Red: 21% (7/33)

N19A

1																			
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Flown: 100% (1/1)

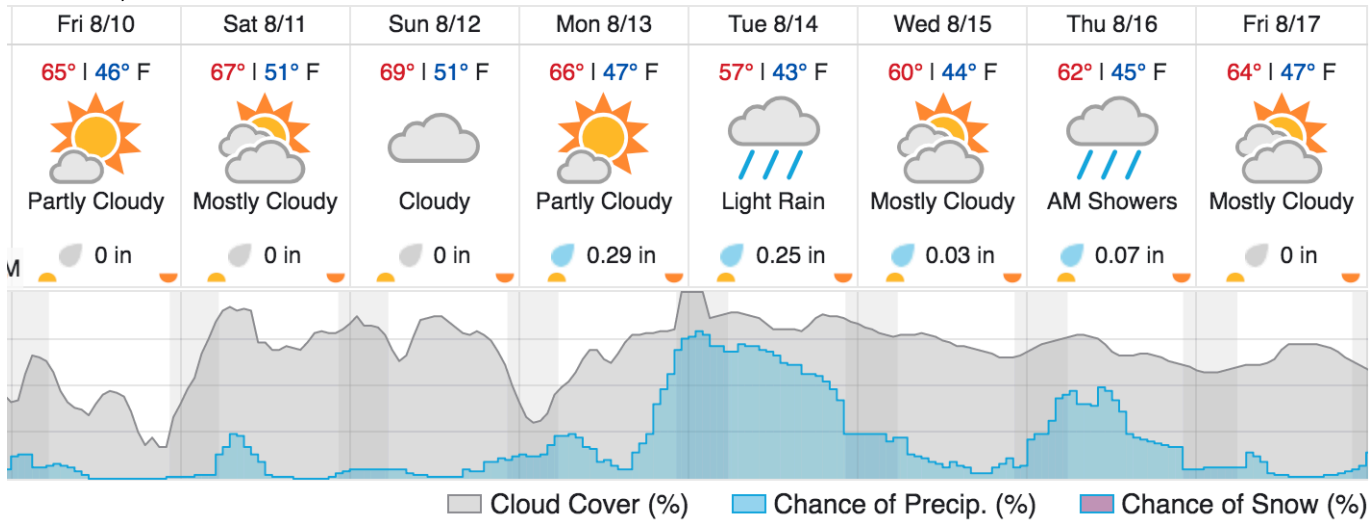
Green: 0% (0/1)

Yellow: 0% (0/1)

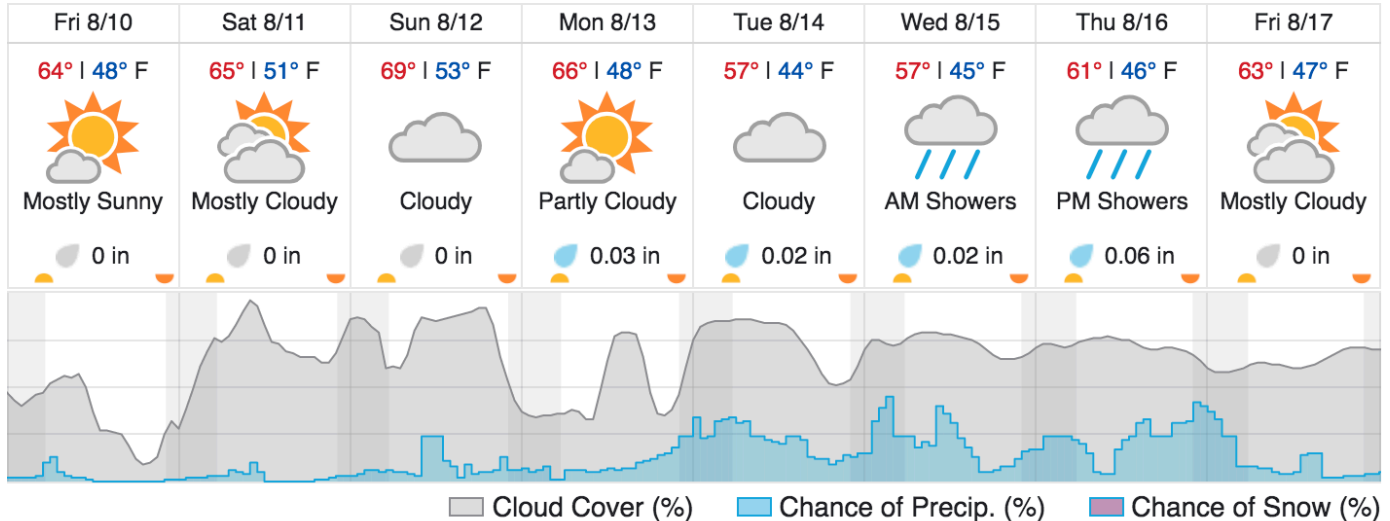
Red: 100% (1/1)

Weather Forecast

Fairbanks, Alaska



Delta Junction, Alaska



Flight Collection Plan for 10 August 2018

Flyority 1:

Collection Area: Delta Junction (DEJU), *if sky conditions are green*

Flight Plan Name: D19_DEJU_R1_P1_730max_v2.pln

On-station Time: 1920 UTC / 1120 L

Flyority 2:

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

Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln

On-station Time: 1940 UTC / 1140 L

Flyority 3:

Collection Area: Healy (HEAL), *if sky conditions are green*

Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln

On-station Time: 1930 UTC / 1130 L

Crew: John Adler (Lidar), Robb Walker (NIS), Heather Rogers (Ground/GPS)

Flight Collection Plan for 11 August 2018

Flyority: Same as previous day

Crew: Heather Rogers (Lidar), John Adler (NIS), Robb Walker (Ground/GPS)