



July 31, 2018 Payload 2 Daily Flight Report



Date: 2018-07-31

Flight Campaign ID: 2018_P2C1

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

Domain: 19

Sites Flown: HEAL (Healy)

Days left in Domain: 22

Report Author: Ivana Vu

Flight Crew: Heather Rogers, Ivana Vu

Ground/GPS: Mitch Haynes

Pilots: Hans Germann, Mike Francis

Additional Personnel: None

GPS Instruments: 01 - FBO_PAFA, C-FAI1, U-GRNX

Flight Hours: 03:41

Hours until maintenance: 57.78

Summary

Higher priority sites were overcast while Healy webcams showed the possibility of green data collection. High cirrus clouds pushed HEAL to yellow sky conditions, so crew completed initial coverage at the site.

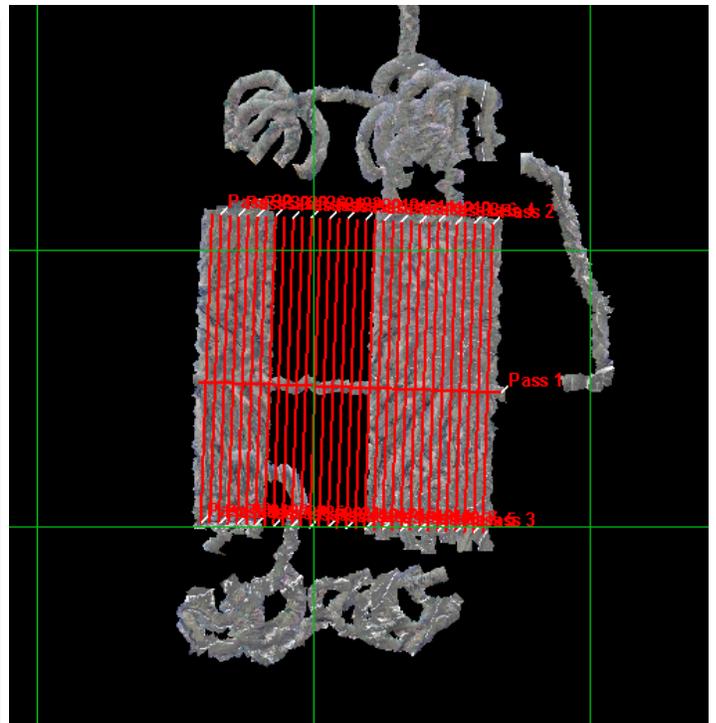
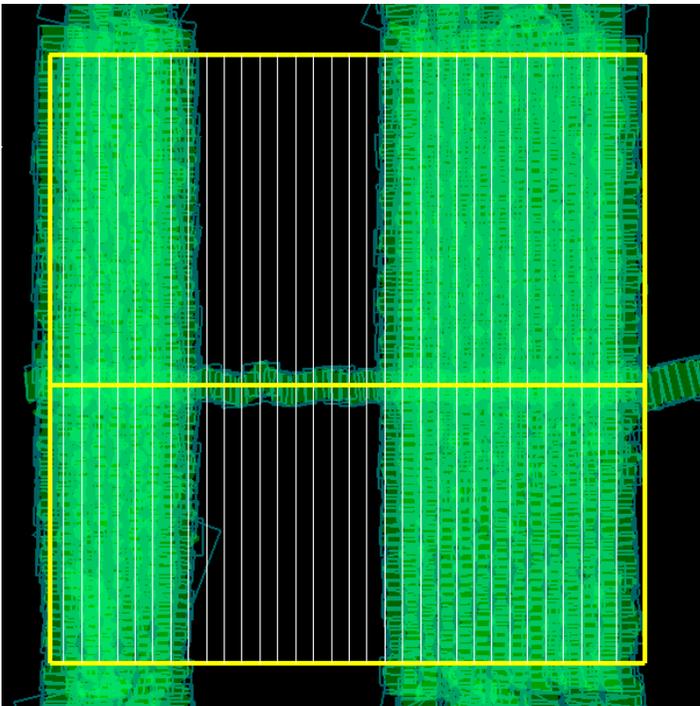
Concerns

Hotel Kit "screen lock-out" has been attributed to hard drive memory and the issue was resolved today

Comments

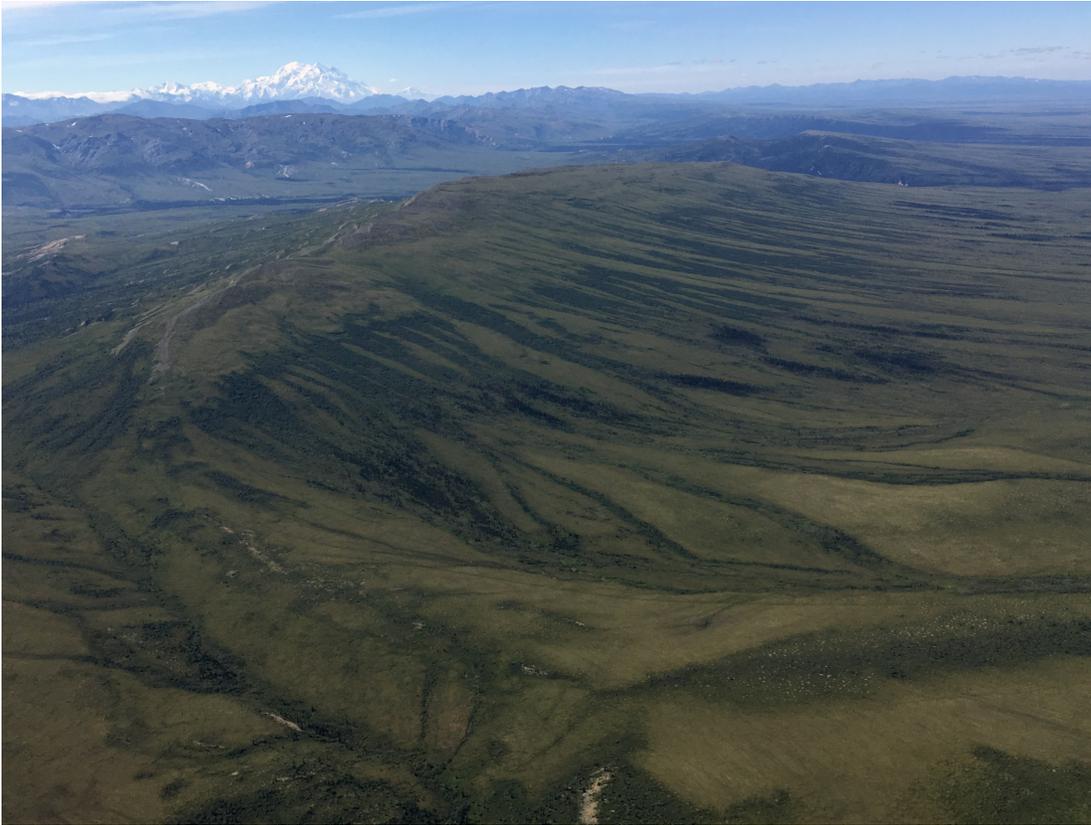
John Adler departed D19

Flight Screenshots



Pictures

Healy site with view of Denali



Daily Coverage

D19 HEAL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✗	✓	NC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
Flown:	21							

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: 26% (12/46)

Green: 0% (0/46)

Yellow: 0% (0/46)

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

Flown: 100% (1/1)

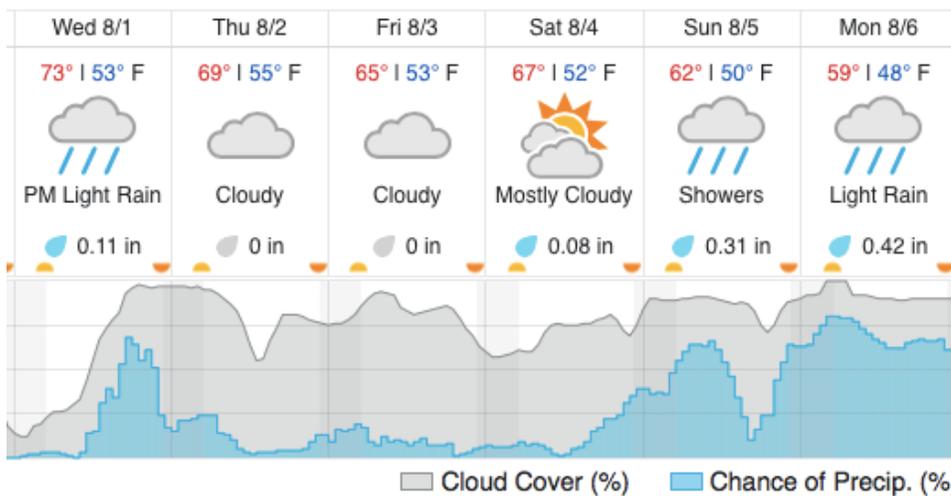
Green: 0% (0/1)

Yellow: 0% (0/1)

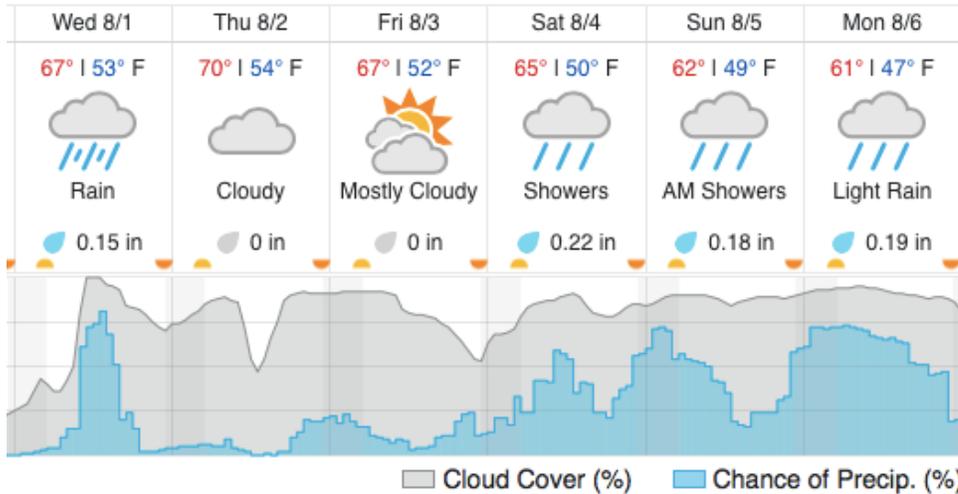
Red: 100% (1/1)

Weather Forecast

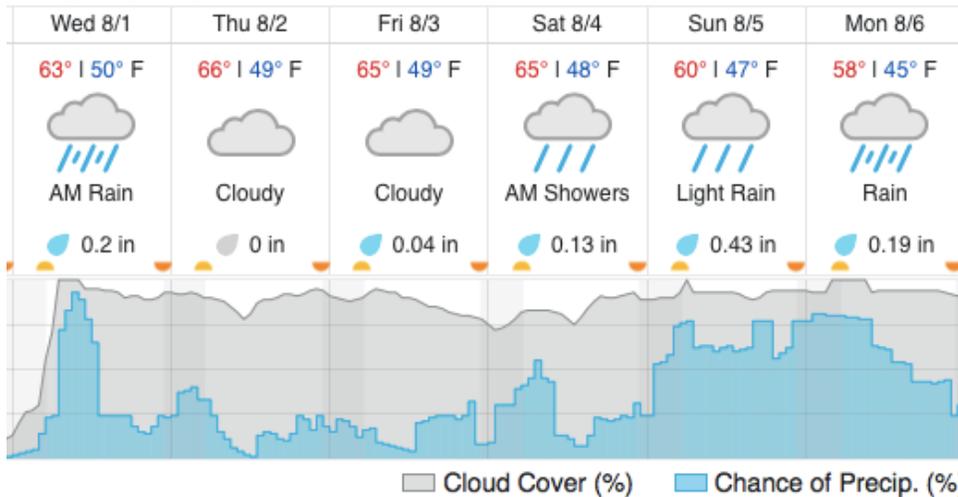
Delta Junction, AK (DEJU)



Fairbanks, AK (FBO, BONA)



Healy, AK (HEAL)



Flight Collection Plan for 01 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: 1850 UTC / 1050 L

Flyority 2:

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

Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln

On-station Time: 1910 UTC / 1110 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: 1910 UTC / 1110 L

Crew: Mitch Haynes (Lidar), Ivana Vu (NIS), Heather Rogers (Ground/GPS)

Flight Collection Plan for 02 August 2018

Flyority: Same as previous day

Crew: Heather Rogers (Lidar), Mitch Haynes (NIS), Ivana Vu (Ground/GPS)