



June 27, 2018 Payload 2 Daily Flight Report



Date: 2018-06-27

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: 6

Report Author: Ivana Vu

Flight Crew: Ivana Vu, Abe Morrison

Ground/GPS: David Gambino

Pilots: Gian Carey, Hans Germann

Additional Personnel: None

GPS Instruments: C-FAI1, U-GRNX

Flight Hours: 02:49

Hours until maintenance: 100.23

Summary

Although BONA site was overcast throughout the day, twelve lines were collected under green sky conditions at HEAL.

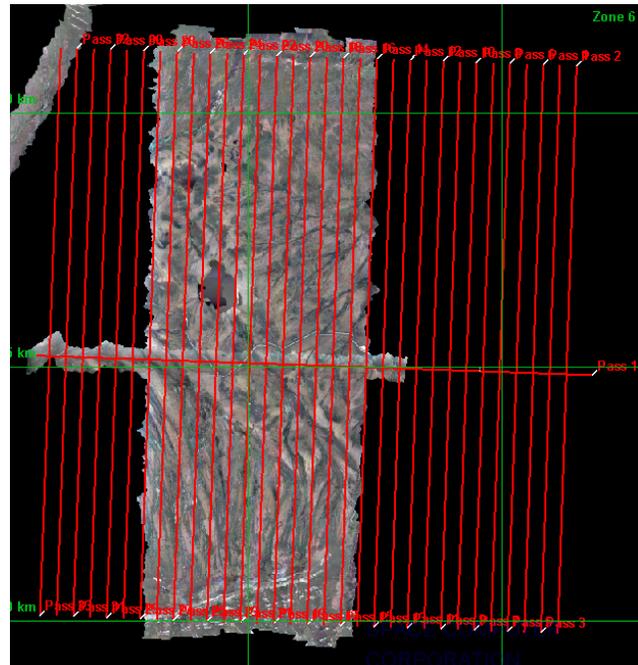
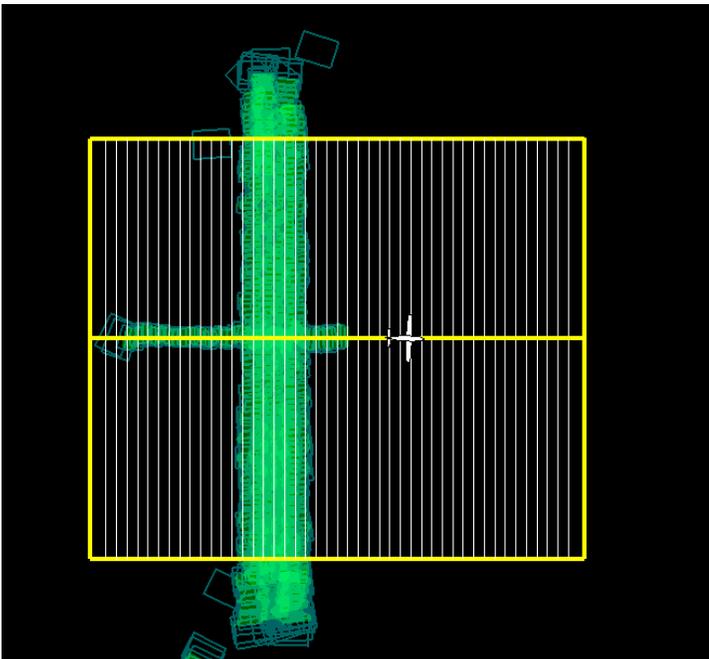
Concerns

None

Comments

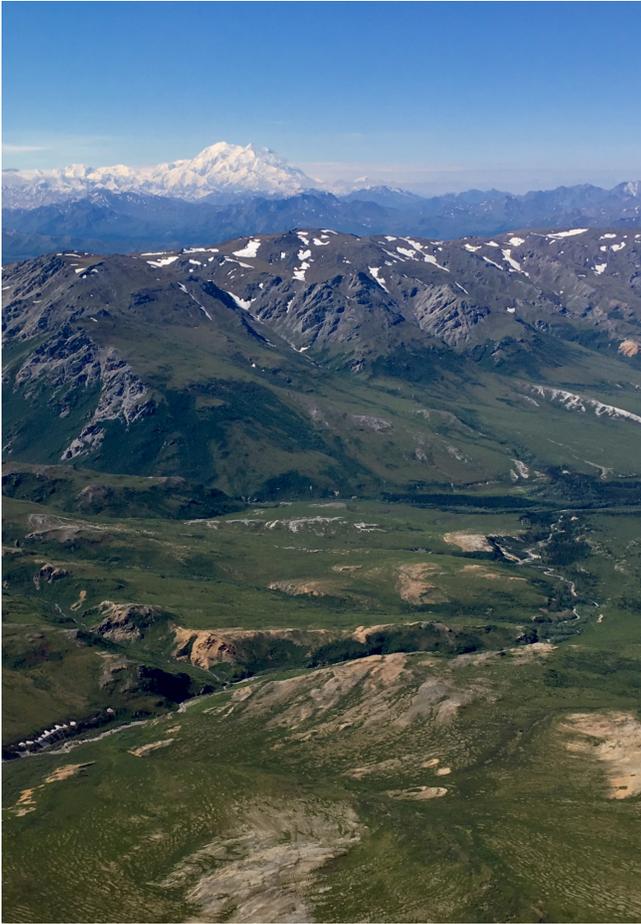
Robb Walker departed D19 today and David Gambino departs tomorrow

Flight Screenshots



Pictures

View of Denali from HEAL site



Chena River and tributary near Fairbanks



Daily Coverage

D19 HEAL	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
Flown:	13							

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: 0% (0/32)

Green: 0% (0/32)

Yellow: 0% (0/32)

Red: 0% (0/32)

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: 39% (13/33)

Green: 36% (12/33)

Yellow: 3% (1/33)

Red: 21% (7/33)

N19A

1

Flown: 100% (1/1)

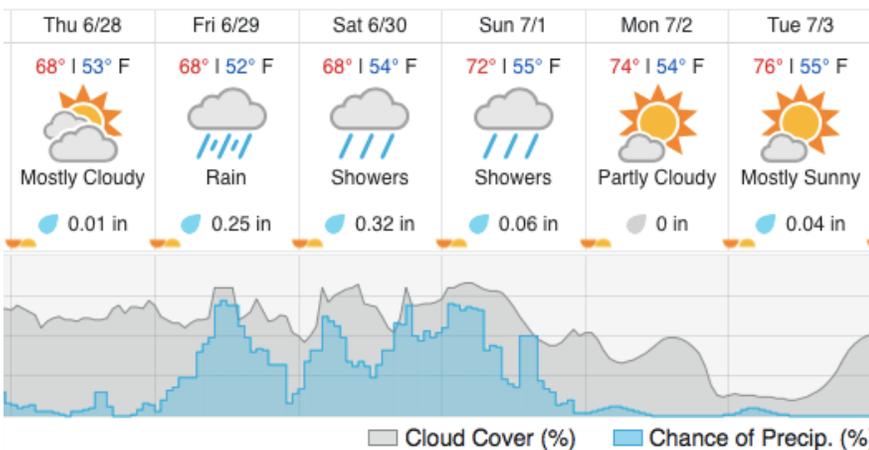
Green: 0% (0/1)

Yellow: 0% (0/1)

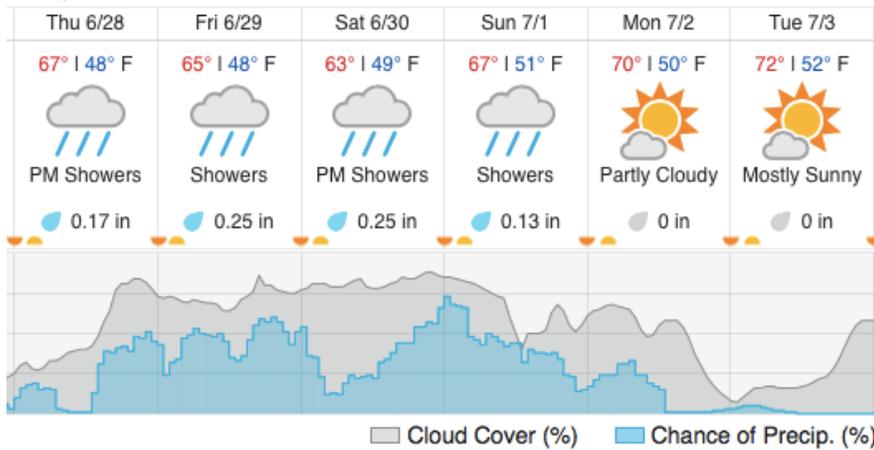
Red: 100% (1/1)

Weather Forecast

Fairbanks, AK



Healy, AK



Flight Collection Plan for 28 June 2018

Flyority 1:

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

Flight Plan Name: D19_BONA_C1_P1_730max_v2.pln

On-station Time: 1810 UTC / 1010 L

Flyority 2:

Collection Area: Healy (HEAL)

Flight Plan Name: D19_HEAL_R3_P1_730max_v1.pln

On-station Time: 1810 UTC / 1010 L

Crew: Abe Morrison (Lidar), Ivana Vu (NIS)

Flight Collection Plan for 29 June 2018

Flyority 1: Same as previous day

Crew: Ivana Vu (Lidar), Abe Morrison (NIS)