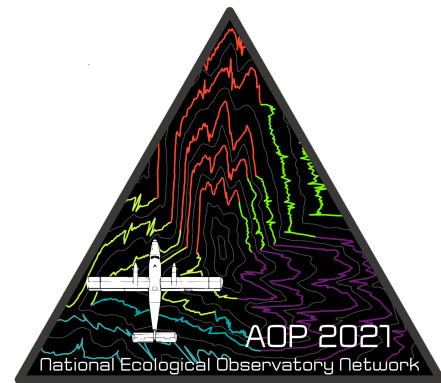




Payload 3 Daily Flight Report



Date: 2021-07-12
Flight Campaign ID: P3C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N615AR

Domain: 19 (Taiga)
Sites Flown: HEAL
Days left in Domain: 36

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Elissa Barris
Pilots: Vince Maarschalkerweerd, Stephen Brawders

Flight Hours: 03:19
Hours until maintenance: 97.6
GPS Instruments: C-FAI1, U-GRNX

Summary: Luckily we were able to collect many Green lines before smoke from forest fires began to roll in, along with some clouds.

Concerns: None.

Comments: Updated the D19 database, then extracted today's flight.

Daily Coverage

Estimated Cloud Cover Key

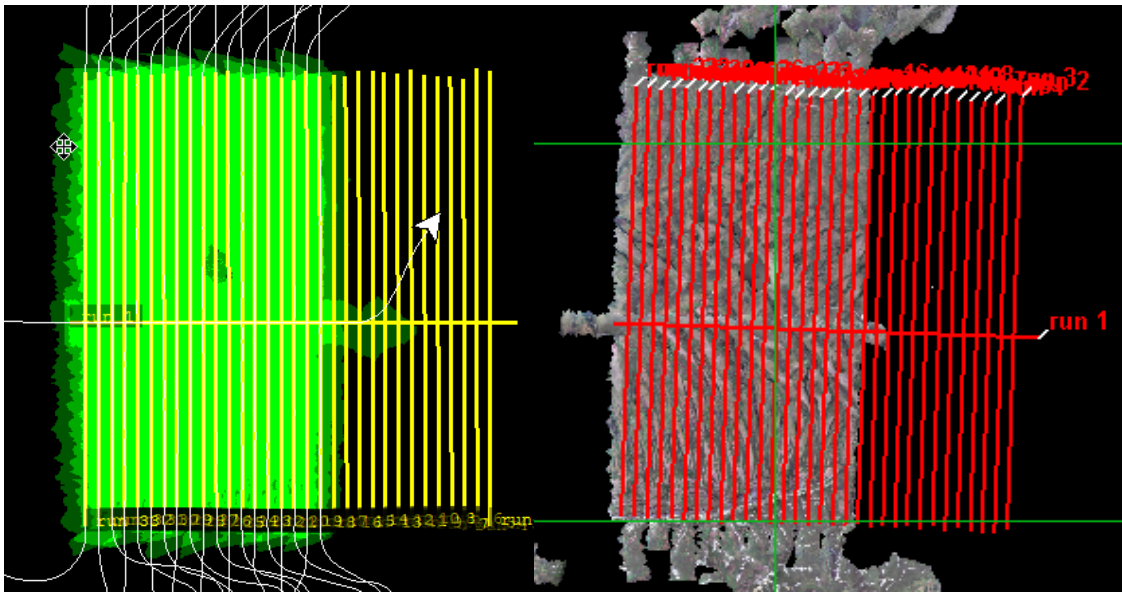
Green:	Yellow:	Red:
0-10%	11-50%	>50%

D00|HEAL

Line #	1	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																				

Total number of lines flown: 20

Flight Screenshots



Lidar

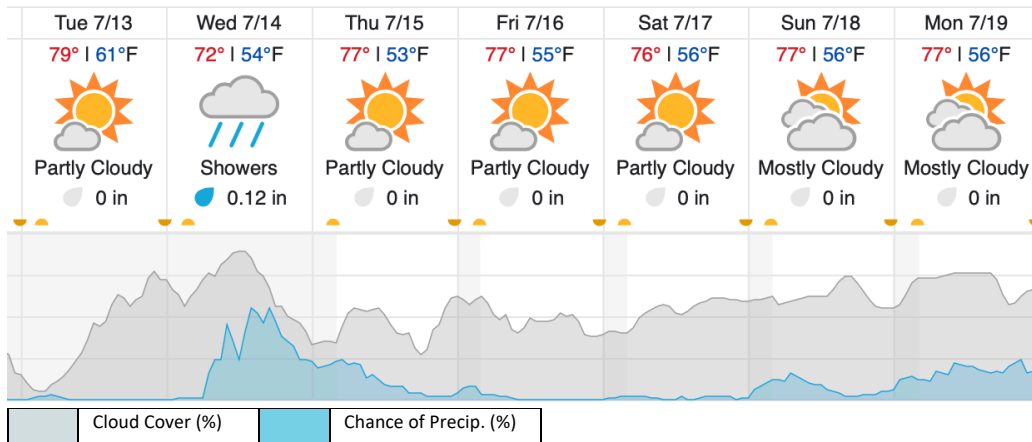
NIS

Pictures



Denali

Weather Forecast



source: wunderground.com

Flight Collection Plan for 13-16July 2021

Flyority 1

Collection Area: Healy (HEAL)

Flight Plan Name: D19_HEAL_R3_P1_v1_Q780

On-station Time: 1830 UTC / 1030 L

Flyority 2

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

Flight Plan Name: D19_BONA_C1_P1_v1_Q780

On-station Time: 1830 UTC / 1030 L

Flyority 3

Collection Area: Delta Junction (DEJU) – Priority Flight Box 1 & 2

Flight Plan Name: D19_DEJU_R1_P1_v5_Q780, D19_DEJU_R1_P2_v5_Q780

On-station Time: 1820 UTC / 1020 L

Flight Crew: John, Elissa