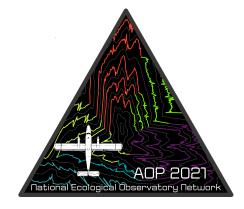
Payload 3 Daily Flight Report



Date: 2021-07-10

Flight Campaign ID: P3C1

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

Aircraft: N615AR

Domain: 19 (Taiga) Sites Flown: BONA () Days left in Domain: 38

Report Author: John Adler Lidar Operators: John Adler

Flight Hours: 00:41 **Spectrometer Operators**: Elissa Barris

Hours until maintenance: 100.9

Pilots: Vince Maarschalkerweerd, Stephen Brawders GPS Instruments: 06 - BONA, C-FAI1, C-FAIR, UAF-PFR2

Summary

After cooling the NIS and getting the payload ready for D19, we conducted a quick checkout flight to ensure all systems were working properly.

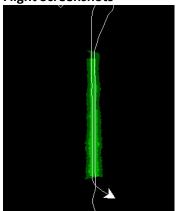
Concerns

None.

Comments

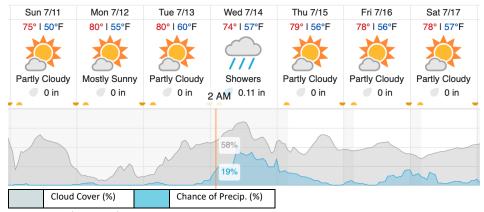
Test flight for NIS and lidar; no data extracted. All systems worked well. The DEJU camera did not seem to work, the crew will look into the situation.

Flight Screenshots



Lidar System Checkout

Weather Forecast



source: wunderground.com

Flight Collection Plan for 11-14July 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