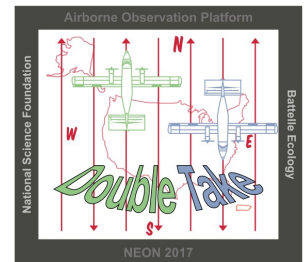




AOP Daily Flight Report



Date: 2017-05-16

Flight Campaign ID: 2017_P2C1

FBO ID & City: KBDU - Boulder, CO

Domain: D10

Site(s) Flown: B10B

Flight Hours: 2.07

Hours until maintenance: ~119.3

AOP Flight Crew: Heather Rogers (LiDAR), Michael Wussow (NIS), John Adler (Trainer)

AOP Ground Crew: Doug Cavender

Pilots: Justin Eddington, Ben Wooten

Additional Personnel: Matt Devoe

Field Crew: N/A

Report Author: Heather Rogers

Payload ID: P2

Payload Instruments:

- NIS2 Imaging Spectrometer
- 12SEN311 Gemini Lidar
- 12SEN311 DiMAC Digital Camera
-

Accomplishments:

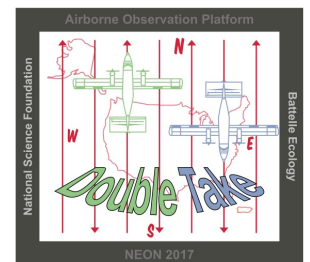
Greeley boresight calibration flight was flown in its entirety in green conditions.

Issues/Concerns:

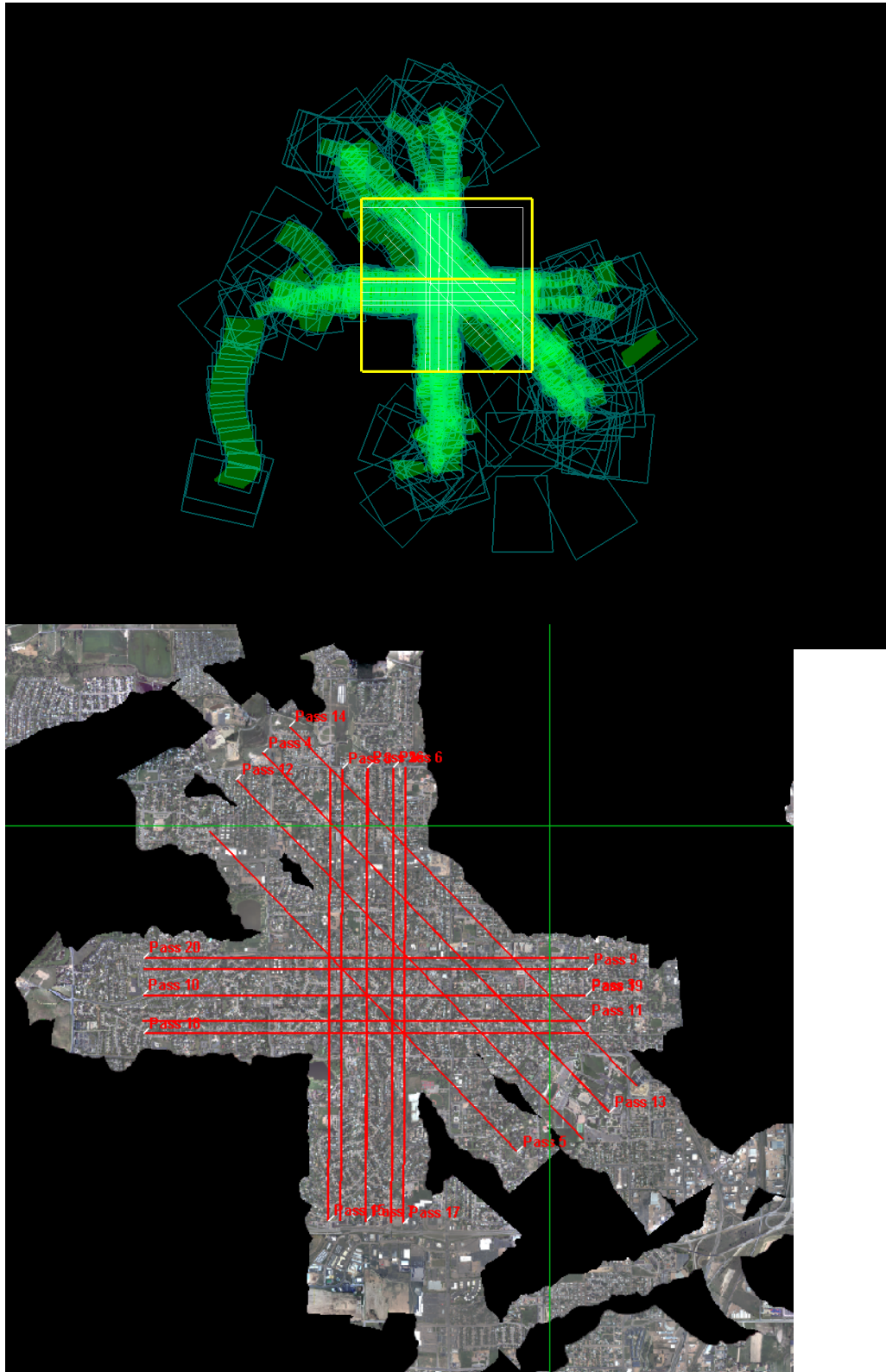
GPU is not consistently reliable.

Miscellaneous Comments:

This flight served as Heather's first operational training flight on LiDAR.

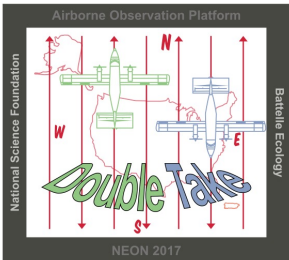


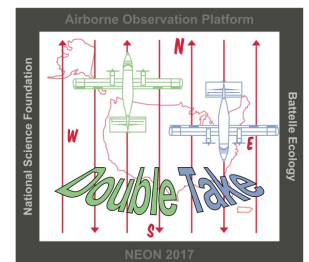
NIS/LiDAR Screenshots:





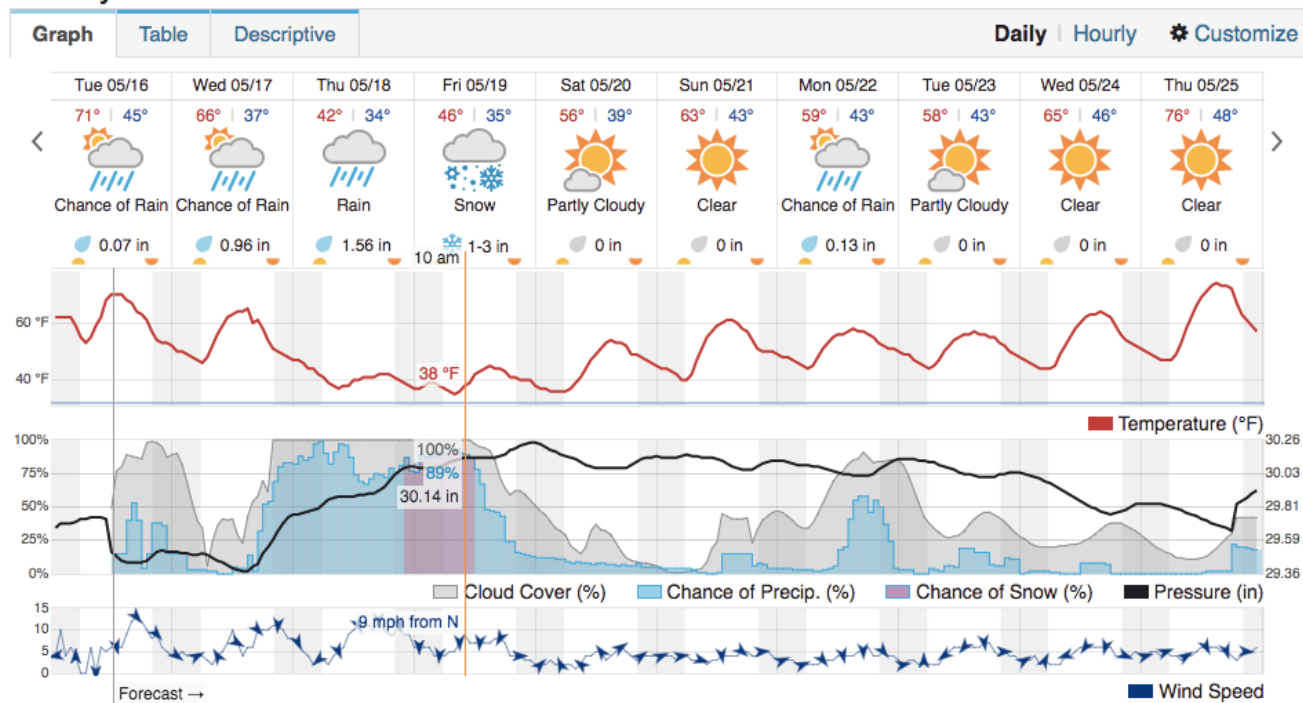
Photos:





Weather Forecast Boulder:

10-Day Weather Forecast



Flight Collection Plan:

Flyority 1:

Collection Area: NIS Offset Calibration

Flight Plan Name: D10_O10A_NIS_Offset_v1.pln On Station: 0830L / 1430 UTC

Flyority 2:

Collection Area: Boulder City

Flight Plan Name: D10_V10C_Boulder_City_v6.pln

Crew:

Lidar: Doug Cavender

NIS: Michael Wussow

Observer: John Adler

Ground/GPS: Heather Rogers