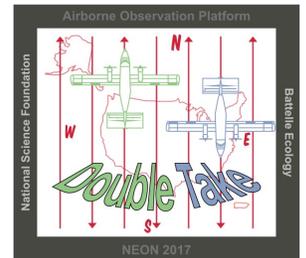




## 2017 P2C1 Daily Report



**Flight Campaign ID:** 2017\_P2C1

**FBO ID & City:** NEON Hangar (KBDU), Boulder, CO

**Domain:** 13

**Sites Flown:** MOAB

**Days left in Domain:** 14

**Flight Hours:** 2:09

**Hours until maintenance:** 63.68

**Date:** 2017-09-08

**Report Author:** Michael Wussow

**Pilots:** Stephen Brawder, Kyler Dalton

**Flight Crew:** Heather Rogers, Michael Wussow

**Ground/GPS:** John Adler

**Additional Personnel:** Matthew Devoe

**GPS Instruments:** CORS-TMGO, UNAVCO-P041

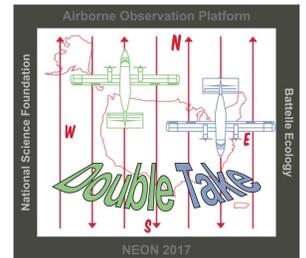
**Summary:** Storm and rain threats in the mountains pointed us towards Boulder calibration flights for the day. We completed the Boulder Airport Nominal Runway Test, the NEON HQ Lidar Validation Test, and the Wiggle Timing Test.

**Issues/Concerns:** Upon starting extraction for flight 2017090615, a back-up error caused extraction failure and now Hotel Kit 2 will not properly boot. Upon boot-up, the Pony Express RAID has a "degraded" status. In the past, removing degraded RAIDs from the system allowed for normal boot. This is the 4<sup>th</sup> RAID drive that has now presented an issue. These issues have prolonged the delay in catching up on data processing and now we are down to one available flight disk set.

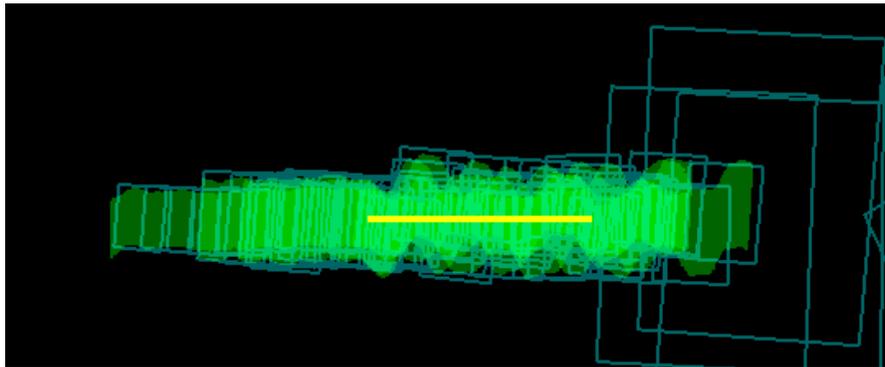
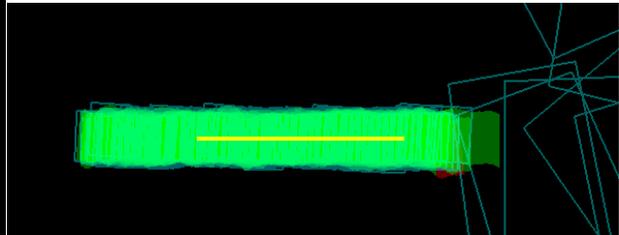
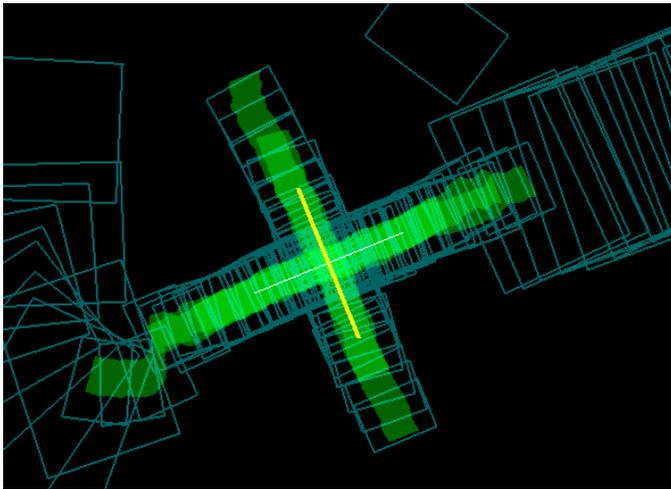
**Comments:** With weather looking cloudy in survey areas and only one remaining flight disk set available we are going to have a data processing catch up day tomorrow as long as the Spare Hotel Kit will perform.

### Pictures



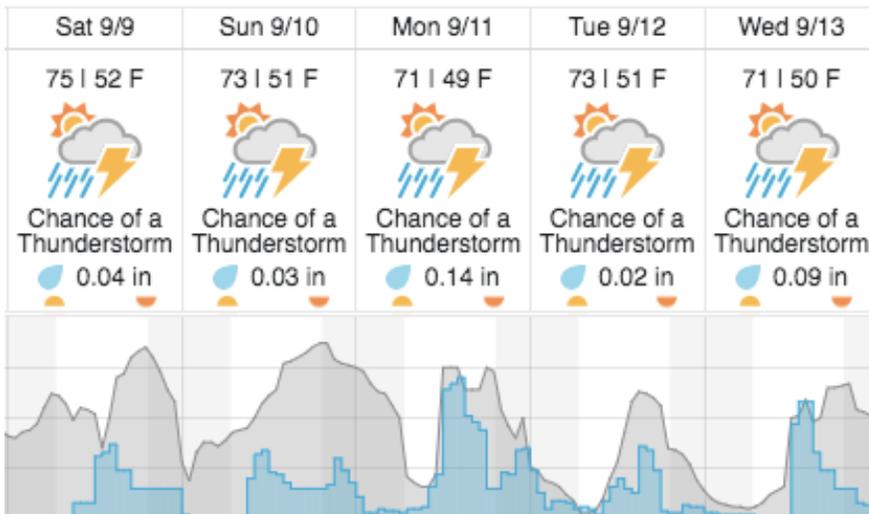


Screenshots (Lidar/NIS)

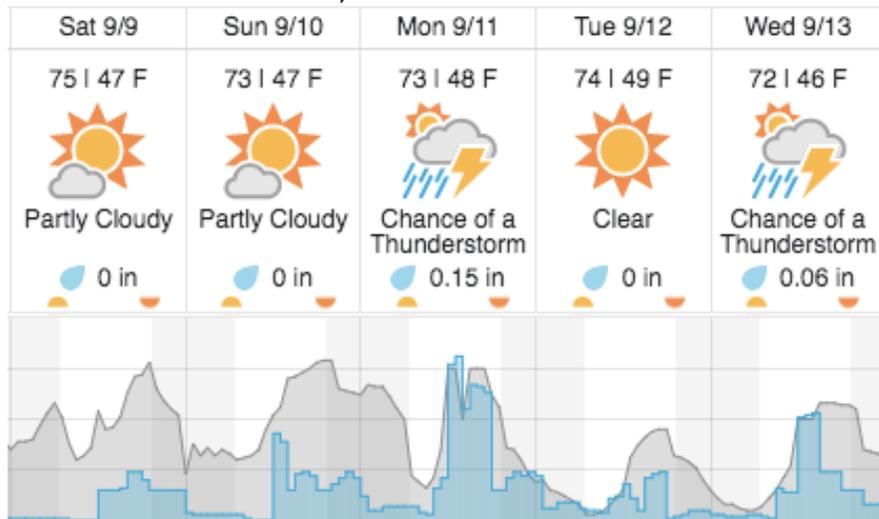


Lidar Screenshots from: NEON HQ Lidar Validation (Left), Boulder Airport Nominal Runway (Right), and Wiggle Timing Test (Bottom)

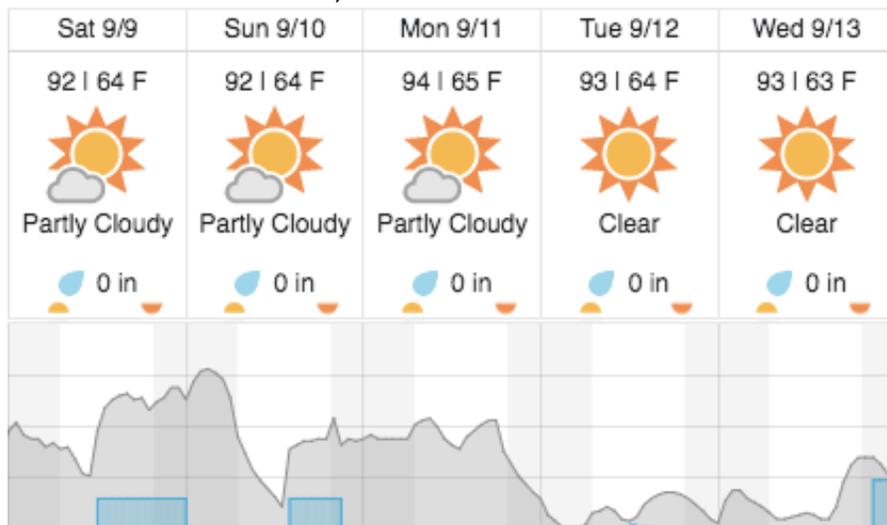
Weather Forecast: Nederland, CO



### Weather Forecast: Fraser, CO



### Weather Forecast: Moab, UT



### Flight Collection Plan for 09 Sept 2017:

Data processing catch up day

Crew: Michael Wussow, Heather Rogers