



Payload 2 Daily Flight Report



Date: 2020-06-04

Flight Campaign ID: P2C1

Airport, FBO ID, City: Rocky Mountain Metropolitan Airport (KBJC) – Broomfield, CO

Domain: 00 (Training & Calibration)

Sites Flown: B10B (Boresight Calibration)

Days left in Domain: 7

Report Author: Robb Walker

Lidar Operators: Robb Walker

Spectrometer Operators: John Adler

Pilots: Will Matthews, Stephen Brawdgers

Ground Crew: None

Flight Hours: 3:00

Hours until maintenance: 107.02

GPS Instruments: NGN-KBDU, C-P041, U-CHLL

Summary

Crew began day with hopes of collecting Radiometric Calibration, but clouds developed, causing Payload 2 to shift attention to Boresight Calibration and training flight. Conditions at Greeley were good for most of flight with less than optimal conditions on last few lines. Discussed with Science and should be acceptable if another opportunity does not present itself before departing. Training and calibration flights will continue tomorrow.

Concerns

- Database PDF logs and Daily Report still not generating, but are being worked.
- Service Now RAID and Mission Extraction forms cannot be submitted for Payload-2 and is being investigated.

Comments

Robb Walker re-certified on Payload-2 lidar.

Daily Coverage

Completed:

- B10B: Lines 1-11 (Yellow), Lines 12-20 (Red)

Flight Screenshots

Lidar: B10B



Spectrometer: B10B

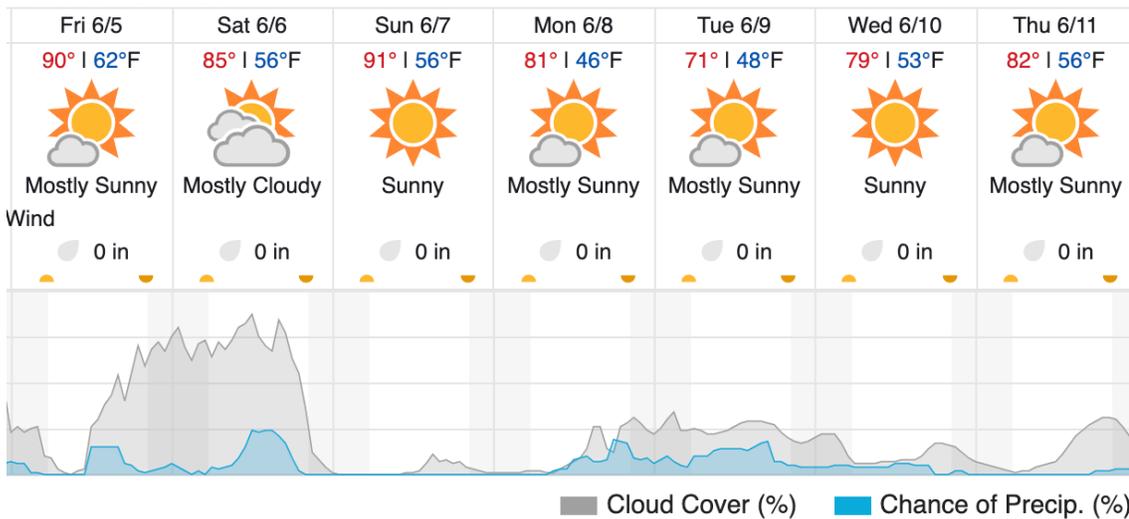


Pictures



View over Greeley this morning

Weather Forecast



Flight Collection Plan for 05-08 June 2020

Flyority 1

Collection Area: Radiometric Calibration at Table Mountain

Flight Plan Name: D10_R10A_Radiometric_Calibration_Table_Mountain_v1.pln

On-station Time: 0950 – 1600 Local / 1550 – 2210 UTC

Flyority 2

Collection Area: NEON HQ LIDAR Validation

Flight Plan Name: D10_H10B_HQ_LIDAR_validation_v1.pln

Flyority 3

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10A_NIS_Offset_v1.pln

On-station Time: 0850 – 1730 Local / 1450 – 2300 UTC

Crew

6/5: Ivana Vu (Lidar), Michael Wussow (NIS)

6/6: Matthew DeVoe (Lidar), John Adler (NIS)

6/7: Robb Walker (Lidar), Michael Wussow (NIS)