



Payload 3 Daily Flight Report



Date: 2020-06-06

Flight Campaign ID: 2020_P3C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) – Boulder, CO

Domain: 00 (Calibration)

Sites Flown: None

Days left in Domain: 23

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Cameron Chapman

Pilots: Mike Francis, Justin Eddington

Ground Person: Elissa Barris

Flight Hours: 0.0

Hours until maintenance: 117.45

GPS Instruments: n/a

Summary

Quiet day for Payload 3 with less than ideal sky conditions today. Low clouds and scattered showers this morning with some isolated sunshine but looming threat of thunderstorms in the afternoon; very windy conditions aloft. No flights were conducted, allowing the P3 crew to get caught up on tasks.

Concerns

- SBET from 2020060514 flight initially failed to pass QA. Bridget worked some magic to get an SBET produced, but this combined with some irregular software GPS/IMU positioning noticed by ASOs on several P3 flights so far leave some lingering concerns. See ServiceNow ticket for more detailed information.
- Database still not working properly. Updates are on-going.

Comments

- All Payload 3 crew recertifications are complete.
- ServiceNow FltOps login error for extractions appears to be fixed.
- Bridget to coordinate “go/no go” call for both flight crews on possible Table Mountain Radiometric flight.

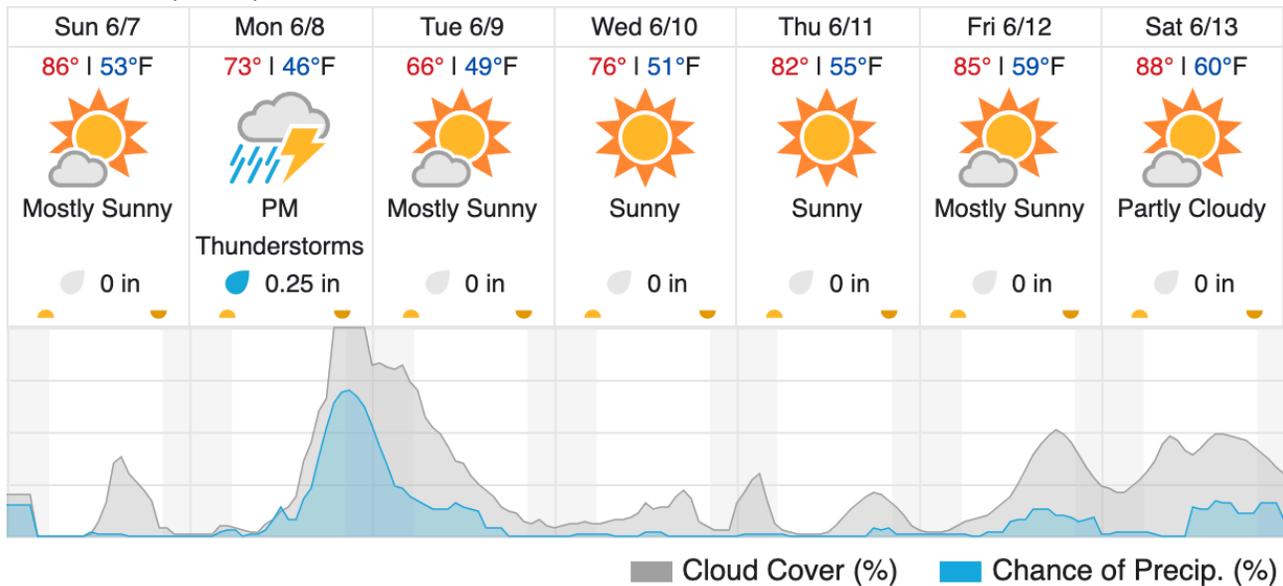
Pictures



Above: Would not have been a pleasant day for flying above KBDU.

Weather Forecast

Boulder, CO (KBDU)



Flight collection plans for 07 June 2020:

Flyority 1

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780

On-Station Time: 15:20 UTC / 09:20L

Flyority 2

Collection Area: Riegl Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10E_Boresight_1000m_Q780

On-Station Time: 14:50 UTC / 08:50L

Flyority 3

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

On-station Time: 14:50 UTC / 08:50L

Flyority 4

Collection Area: NEON HQ Lidar Validation

Flight Plan Name: D10_H10C_HQ_val_v1_Q780

On-station Time: n/a

Flight Crew: Cameron Chapman, Mitch Haynes, Elissa Barris

Flight collection plans for 07 June 2020:

Flyorities: Same as previous day

Flight Crew: Elissa Barris, Cameron Chapman, Mitch Haynes