



Payload 1 Daily Flight Report



Date: 2024-09-10

Flight Campaign ID: P1C1

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

Aircraft: N615AR

Domain: 10

Sites Flown: None

Days left in Domain: 9

Report Author: Matt

Lidar Operators: Matt

Spectrometer Operators: n/a

Pilots: Justin, Will

Flight Hours: 0

Hours until maintenance: 32.5

GPS Instruments: none

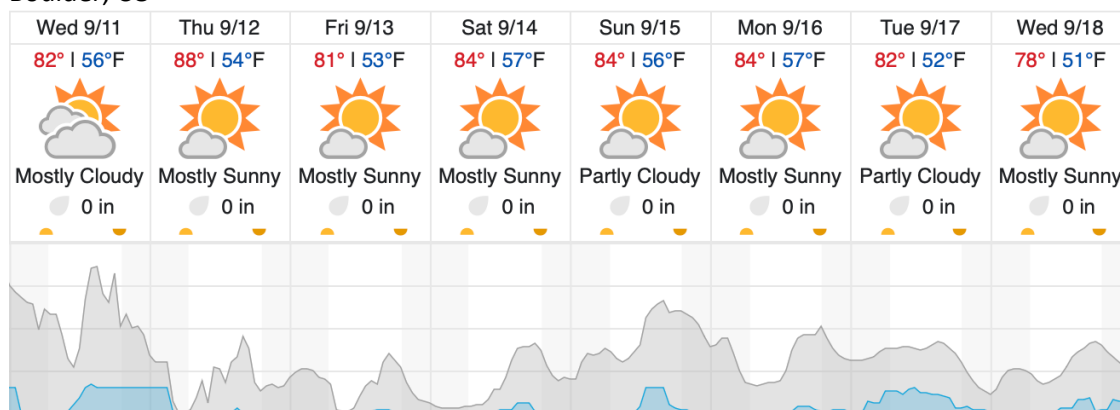
Summary: No flights conducted while the payload cools to operating temperature

Concerns: None.

Comments: None

Weather Forecast

Boulder, CO



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 11 September 2024

Flyority 1

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780

40° On-station Time: 1630 UTC / 1030 L | 45° On-station Time: 1700 UTC / 1100 L

Additional Considerations: Ground should be dry.

Flyority 2

Collection Area: Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10E_Boresight_1600m_Q780 (RiAcquire name: D10_B10E_Boresight_Apx_Q780)

30° On-station Time: 1530 UTC / 0930 L

Additional Considerations: No recent snowfall, clear roofs required.

Flyority 3

Collection Area: Nominal Runway Survey

Flight Plan Name: D10_N10D_Nominal_Rnwy_v8_Q780

40° On-station Time: 1620 UTC / 1030 L

Flyority 4

Collection Area: NEON HQ Lidar Validation

Flight Plan Name: D10_H10C_HQ_val_v1_Q780

On-Station Time: Daylight – No solar angle restrictions.

Flyority 5

Collection Area: Wiggle Timing Test

Flight Plan Name: D10_W10C_Wiggle_Test_v6_Q780

40° On-station Time: 1630 UTC / 1030 L

Additional Considerations: Runway should not be wet, or snow covered.

Flyority 6

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

35° On-station Time: 1600 UTC / 1000 L

Flight Crew

Nick (Lidar) Matt (NIS)