



Payload 2 Daily Flight Report

Date: 2025-09-12

Flight Campaign ID: P2C1

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

Aircraft: N615AR

Domain: 00

Sites Flown: None

Days left in Domain: 6

Report Author: John

Lidar Operators: John

Spectrometer Operators: Mike

Pilots: Justin, Jacob

Flight Hours: 0:00

Hours until maintenance: 123.9

GPS Instruments: none

Summary

As of this writing the ITRES sensor still has not arrived. All cables were run to the nose in anticipation of a quick installation of the SAVI instrument. We are expecting the NIS to be ready for flight Saturday early afternoon.

Concerns

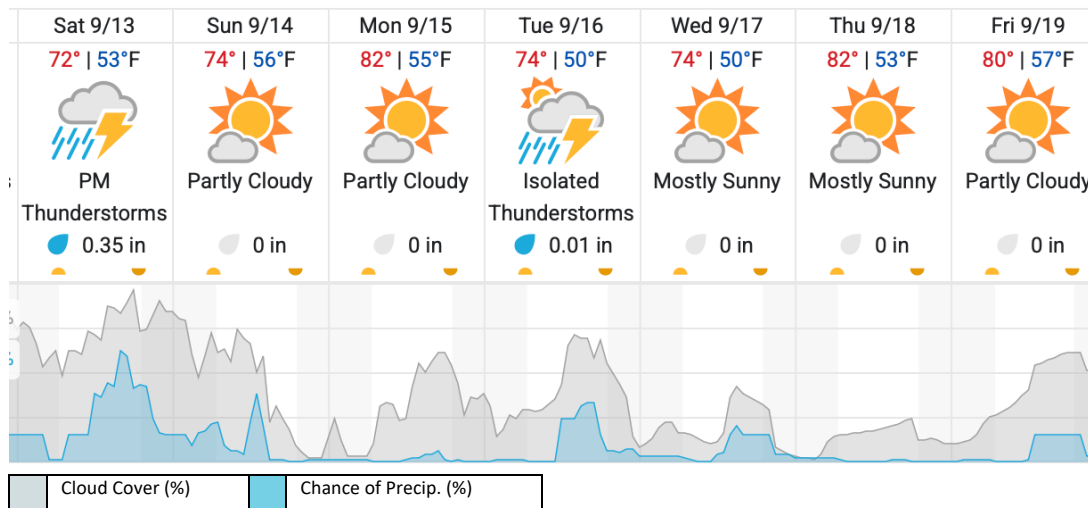
None.

Comments

None.

Weather

Boulder, CO



source: wunderground.com

Plan for September 13, 2025

Flyority 1

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v2_VQ780

45° On-station Time: 1653 UTC / 1053 L

Additional Considerations: Ground should be dry.

Collection Area: Boulder Airport Radiometric Calibration

Flight Plan Name: D10_R10D_Rad_Cal_KBDU_v2_VQ780

45° On-station Time: 1653 UTC / 1053 L

Additional Considerations: Ground should be dry.

Flyority 2

Collection Area: Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10E_Boresight_VQ780 (RiAcquire name: D10_B10E_Boresight_Apx_VQ780)

30° On-station Time: 1520 UTC / 0920 L

Additional Considerations: No recent snowfall, clear roofs required.

Flyority 3

Collection Area: Nominal Runway Survey Flight Plan

Name: D10_N10D_Nominal_Rnwy_v13_VQ780

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

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

Flyority 4

Collection Area: NEON HQ Lidar Validation

Flight Plan Name: D10_H10C_HQ_val_v2_VQ780

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: 1620 UTC / 1020 L

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

Flyority 6

Collection Area: Black Forest

Flight Plan Name: D10_BLKF_Black_Forest_v6_VQ780_ftlines

40° On-station Time: 1620 UTC / 1020 L

Flyority 7

Collection Area: Boulder City Nominal Science Flight

Flight Plan Name: D10_V10C_East_v7B_Q780_ftlines

40° On-station Time: 1620 UTC / 1020 L

Crew: Lidar: Mike, NIS: John, Ground: Cameron