



Payload 2 Daily Flight Report



Date: 2026-09-12

Flight Campaign ID: P2C1

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

Aircraft: N821AR

Domain: 00 (Training & Calibration)

Sites Flown: None

Days left in Domain: 3

Report Author: Alyssa

Lidar Operators: Alyssa

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 62.85

Pilots: Justin, Manning

Ground Crew: Mike

Summary

Non green conditions throughout the day at CPER, paired with the TFR for the CU football game at 12:30L kept crew grounded today.

Concerns

None.

Comments

None.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Solar Angle Less Than 40 degrees: (*)

D00|B10E (Riegl Boresight Calibration - 1600m, 1000m, 500m)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Flown: 100% (20/20)

Green: 100% (20/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

* Flown within 35deg solar angle

D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4
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Flown: 100% (4/4)

Green: 100% (4/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

* Flown within 35deg solar angle

D00|N10D (Nominal Runway at KBDU - Riegl VQ780_II S)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26														

Flown: 100% (26/26)

Green: 19% (5/26)

Yellow: 0% (0/26)

Red: 81% (21/26)

* Flown within 35deg solar angle

D00|R10D (Boulder Airport Radiometric Calibration)

1	2	3	4	5
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Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

* Flown within 35deg solar angle

D00|W10C (Wiggle Timing Test - Riegl)

1	2
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Flown: 100% (2/2)

Green: 100% (2/2)

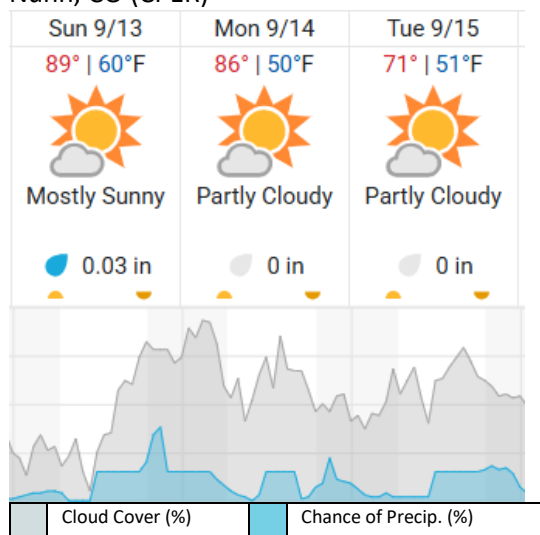
Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

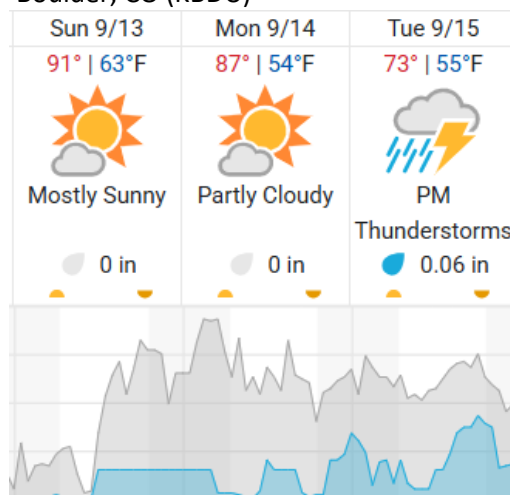
Weather Forecast

Nunn, CO (CPER)



source: wunderground.com

Boulder, CO (KBDU)



Flight Collection Plan for 13 September 2026

Flyority 1

Collection Area: Central Plains Ecological Range (CPER)

Name: D10_CPER_C1_P1.rpp

On-Station Time: 16:20 UTC / 10:20 L

***If approved and under green conditions only**

Crew: Cameron (Lidar), Mike (NIS), Alyssa (Ground)