



Payload 3 Daily Flight Report



Date: 2026-08-27

Flight Campaign ID: P3C1

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

Aircraft: N537AR

Domain: 00 (Training & Calibration)

Sites Flown: None.

Days left in Domain: 3

Report Author: Alyssa

Lidar Operators: N/A

Flight Hours: 00:00

Spectrometer Operators: N/A

Hours until maintenance: 123.90

Pilots: Troy, Jonathan

Ground Crew: Matt, Elissa, Alyssa

Summary

P1 was deinstalled and swapped with P3 uneventfully today. P3 is now pumping and cooling in preparation for cal flights in the next few days.

Concerns

None.

Comments

RAID 01 formatted.

Cumulative Domain Coverage

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: 0% (0/20)

Green: 0% (0/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

* Flown within 35deg solar angle

D00 | N10D (Nominal Runway at KBDU - Riegl)

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	27	28												

Flown: 0% (0/28)

Green: 0% (0/28)

Yellow: 0% (0/28)

Red: 0% (0/28)

* Flown within 35deg solar angle

D00|W10C (Wiggle Timing Test - Riegl)

1	2
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Flown: 0% (0/2)

Green: 0% (0/2)

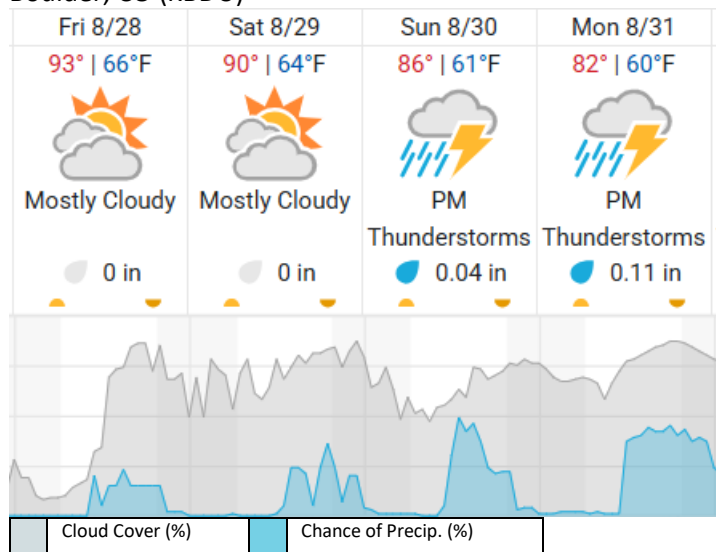
Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

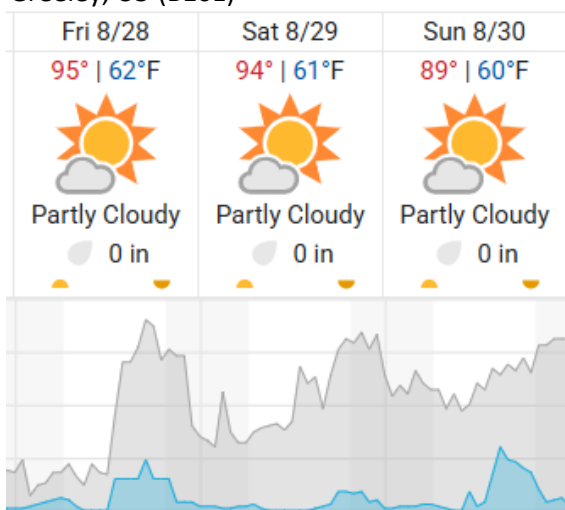
Weather Forecast

Boulder, CO (KBDU)



source: wunderground.com

Greeley, CO (B10E)



Flight Collection Plan for 28 August 2026

Flyority 1

Collection Area: Nominal Runway Survey (N10D)

Flight Plan Name: D10_N10D_Nominal_Rnwy_v8_Q780

On-Station Time: N/A

Flyority 2

Collection Area: Riegl Boresight Calibration (B10E)

Flight Plan Name: D10_B10E_Boresight_1600m/1000m/500m_Q780

On-Station Time: 1510 UTC/0910 L

Flyority 3

Collection Area: Wiggle Timing Test (W10C)

Flight Plan Name: D10_W10C_Wiggle_Test_v6_Q780

On-Station Time: 1610 UTC/1010 L

Crew: Nick (Lidar), Elissa (NIS), Matt (Ground)