



Payload 2 Daily Flight Report

Date: 2026-03-28
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: 6

Report Author: Matt
Lidar Operators: Matt **Flight Hours:** 00:00
Spectrometer Operators: Nick **Hours until maintenance:** 113.2
Pilots: Justin, Manning **GPS Instruments:** N/A
Ground Crew: Mitch/ Aylssa

Summary
No flights conducted

Concerns
None

Comments
RAID 2026_P2C1_02 will be used for the remaining training flights.
Vince rotated in for Manning.

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

Flown: 100% (20/20)

Green: 0% (0/20)

Yellow: 100% (20/20)

Red: 0% (0/20)

* Flown within 35deg solar angle

D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4
---	---	---	---

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: 0% (0/26)

Yellow: 38% (10/26)

Red: 62% (16/26)

* Flown within 35deg solar angle

D00|O10B (NIS Offset - Riegl)

1	2
---	---

Flown: 0% (0/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

D00|R10C (Table Mountain Radiometric Calibration - Riegl)

1	2	3	4	5
---	---	---	---	---

Flown: 0% (0/5)

Green: 0% (0/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

* Flown within 35deg solar angle

D00|R10D (Boulder Airport Radiometric Calibration)

1	2	3	4	5
---	---	---	---	---

Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

* Flown within 35deg solar angle

D00|V10C (Boulder City South Nominal Science Flight)

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	29											

Flown: 17% (5/29)

Green: 0% (0/29)

Yellow: 0% (0/29)

Red: 14% (4/29)

* Flown within 35deg solar angle

D00|W10C (Wiggle Timing Test - Riegl)

1	2
---	---

Flown: 100% (2/2)

Green: 100% (2/2)

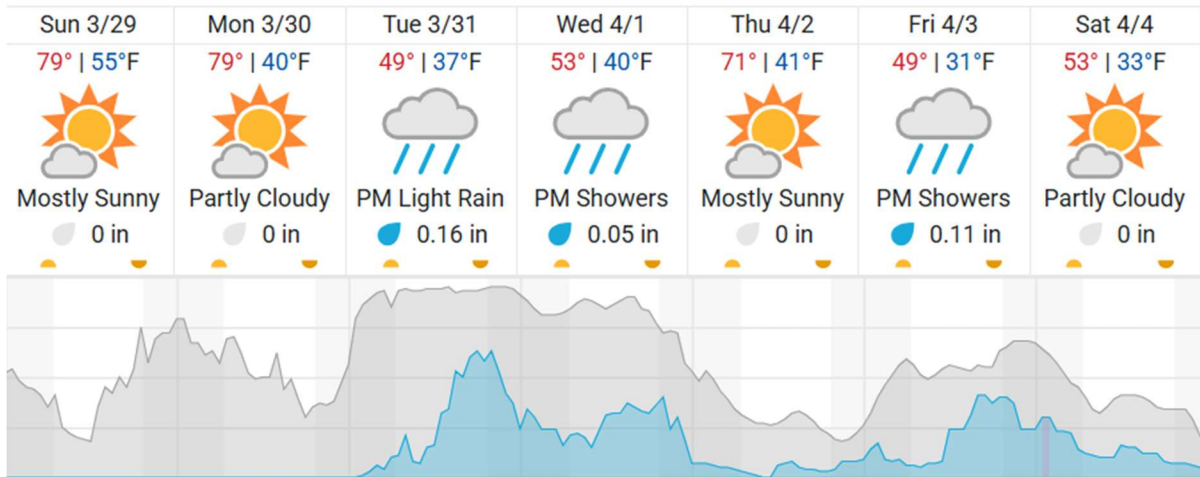
Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

Weather Forecast

Boulder, CO



Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

Flight Collection Plan for 29 March 2026

No flights planned for the weekend. Training will resume on Monday.

Flyority 1: Training and Recertification of ASOs

Collection Area: Multiple

On-Station Time: No solar angle restrictions.

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