



Payload 2 Daily Flight Report

**Date:** 2026-04-01  
**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:** 2

**Report Author:** Nick  
**Lidar Operators:** Nick      **Flight Hours:** 00:00  
**Spectrometer Operators:** John      **Hours until maintenance:** 110.9  
**Pilots:** Vince, Justin      **GPS Instruments:** AOP\_KBDU  
**Ground Crew:** Matt

**Summary**

A weather system moved in overnight causing overcast sky conditions and rain. No flights were attempted.

**Concerns**

The pilot display will be tested during the next training flights. The lab team will observe the flights anticipated Thursday.

**Comments**

Andrew caught up on QAQC reprocessing of previous flight data. Final end-to-end test will be conducted with next training flights' data.

Cam rotated in today. Welcome back!

**Daily Coverage**

None

**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: 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
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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: 0% (0/26)

Yellow: 38% (10/26)

Red: 62% (16/26)

\* Flown within 35deg solar angle

### D00|R10C (Table Mountain Radiometric Calibration - Riegl)

1	2	3	4	5
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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
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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|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: 45% (13/29)

Green: 0% (0/29)

Yellow: 10% (3/29)

Red: 31% (9/29)

\* 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)

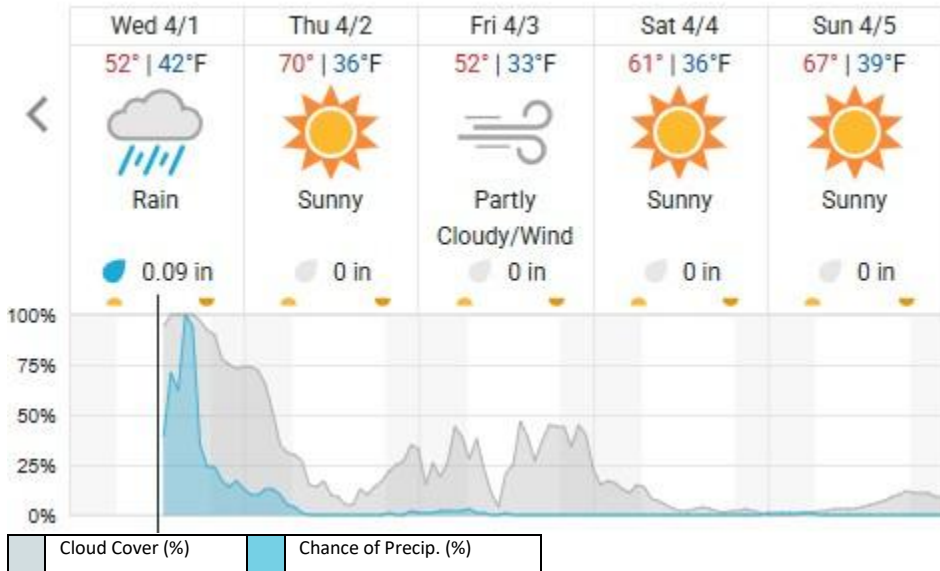
Yellow: 0% (0/2)

Red: 0% (0/2)

\* Flown within 35deg solar angle

## Weather Forecast

Boulder, CO (KBDU)



source: wunderground.com

## Flight Collection Plan for 02 April 2026

**Flyority 1:** Training and Recertification of ASOs

Collection Area: Multiple

On-Station Time: No solar angle restrictions.

**Crew 1:** Cam (Lidar), Alyssa (NIS), Elissa (Ground)

**Crew 2:** Nick (Lidar), John (NIS), Matt (Ground)

**Remaining P2 lidar Recerts:** Cam, Nick, Mike