



Payload 2 Daily Flight Report

Date: 2026-04-02

Flight Campaign ID: P2C1

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

Aircraft: N821AR

Domain: 00 (Training & Calibration)

Sites Flown: H10C (NEON Headquarters Lidar Test – Riegl), V10C (Boulder City South Nominal Science Flight)

Days left in Domain: 1

Report Author: Nick

Lidar Operators: Cam, Nick

Flight Hours: 01:04

Spectrometer Operators: Alyssa, John

Hours until maintenance: 109.6

Additional Flight Crew: Andrew, Brendan

GPS Instruments: AOP_KBDU

Pilots: Vince, Justin

Ground Crew: Elissa, Matt

Summary

The weather system moved out this morning and allowed for 2 training flights to be completed. This concludes Payload 2 preseason training and calibration schedule. After flights, preparations began for the transit to D17 on Saturday. No flights are anticipated tomorrow.

Concerns

The pilot display functioned normally during both flights today.

Comments

Cam and Nick completed P2 Lidar training recertifications.

Today's flights will be extracted before the Hotel Kit is packed up for transit.

The end of calibration Mercury Lamp collection was collected.

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)

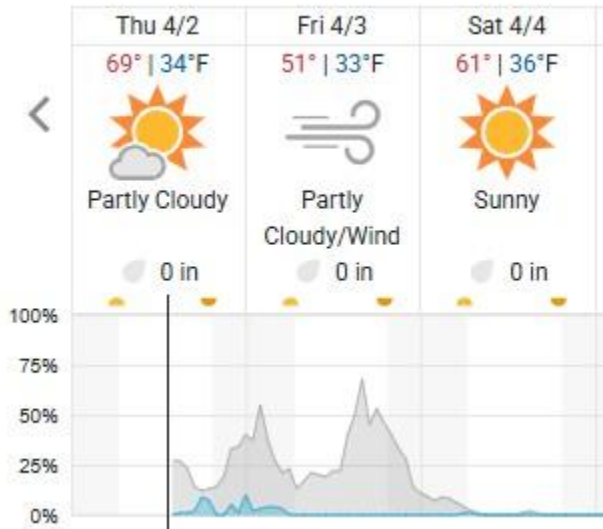
Yellow: 0% (0/2)

Red: 0% (0/2)

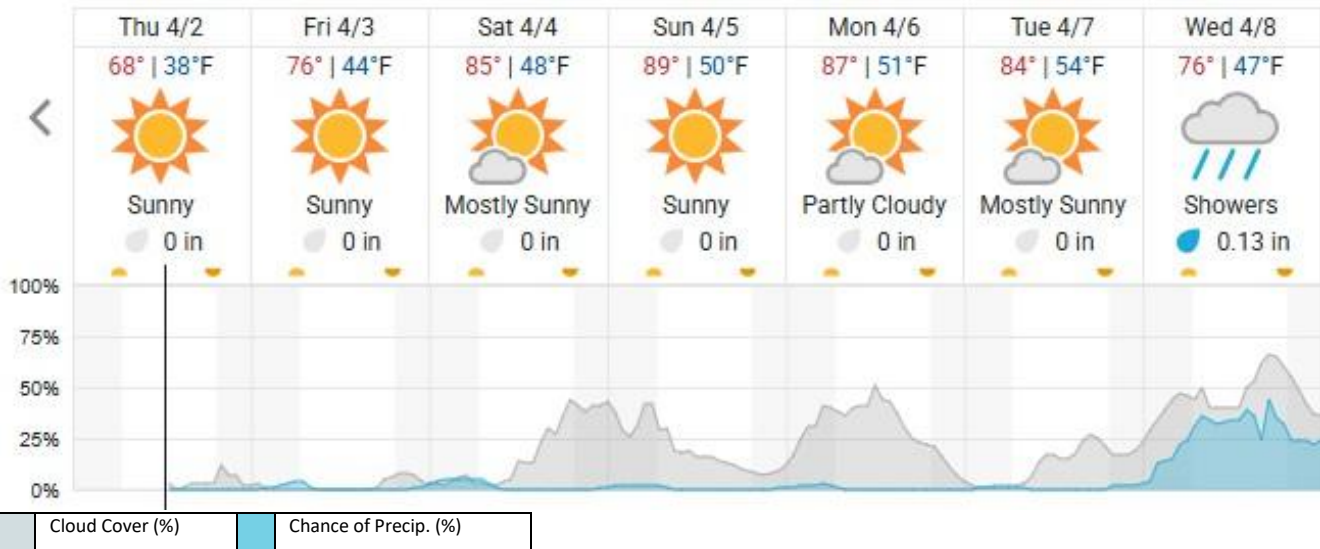
* Flown within 35deg solar angle

Weather Forecast

Boulder, CO (KBDU)



Madera, CA (KMAE)



source: wunderground.com

Flight Collection Plan for 03 April 2026

No flights scheduled.

Remaining P2 lidar Recerts: Mike