



Payload 1 Daily Flight Report

**Date:** 2026-05-09  
**Flight Campaign ID:** P1C1  
**Airport, FBO ID, City:** Boulder Municipal Airport (KBDU) - Boulder, CO; -  
**Aircraft:** N537AR

**Domain:** 00 (Training & Calibration)  
**Sites Flown:** None  
**Days left in Domain:** 2

**Report Author:** Cameron  
**Lidar Operators:** N/a **Flight Hours:** 00:00  
**Spectrometer Operators:** N/a **Hours until maintenance:** 115.20  
**Pilots:** Manning, Rusty  
**Ground Crew:** Cameron, Matt, Mike, Alyssa

**Summary**

With all planned calibration and training activities completed, the crew continued to focus on preparatory work for the impending transit to domain 15.

**Concerns**

- None
- 

**Comments**

- None

**Daily Coverage**

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

**Cumulative Domain Coverage**

D00|B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)

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: 100% (20/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

\* Flown within 35deg solar angle

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

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|N10F (Nominal Runway at KBDU - Galaxy)

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	30	31	32	33	34	35	36	37			

Flown: 100% (37/37)

Green: 0% (0/37)

Yellow: 0% (0/37)

Red: 100% (37/37)

\* Flown within 35deg solar angle

D00|R10F (Boulder Airport Radiometric Calibration - Galaxy)

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|V10F (Boulder City Nominal - Galaxy)

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: 3% (1/29)

Green: 0% (0/29)

Yellow: 0% (0/29)

Red: 3% (1/29)

\* Flown within 35deg solar angle

D00|W10D (Wiggle Timing Test - Galaxy)

1	2
---	---

Flown: 100% (2/2)

Green: 100% (2/2)

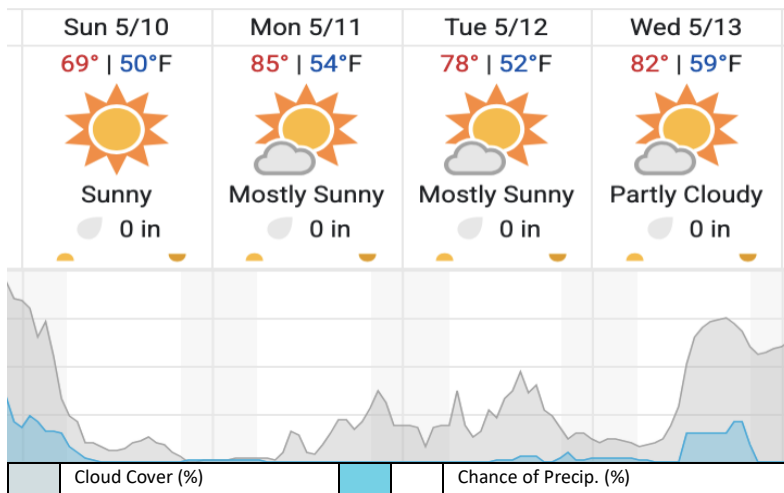
Yellow: 0% (0/2)

Red: 0% (0/2)

\* Flown within 35deg solar angle

**Weather Forecast**

Boulder, CO (KBDU)



source: wunderground.com

**Transit planned for 5/12/26**