



Payload 1 Daily Flight Report

Date: 2026-05-06
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: 5

Report Author: Mike
Lidar Operators: N/A **Flight Hours:** 00:00
Spectrometer Operators: N/A **Hours until maintenance:** 117.13
Pilots: Manning, Rusty
Ground Crew: N/A

Summary
 Heavy snow continued to fall until this afternoon. No flights were conducted.

Concerns
 N/A

Comments
 N/A

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: 0% (0/29)

Green: 0% (0/29)

Yellow: 0% (0/29)

Red: 0% (0/29)

* Flown within 35deg solar angle

D00 | W10D (Wiggle Timing Test - Galaxy)

| | |
|---|---|
| 1 | 2 |
|---|---|

Flown: 100% (2/2)

Green: 100% (2/2)

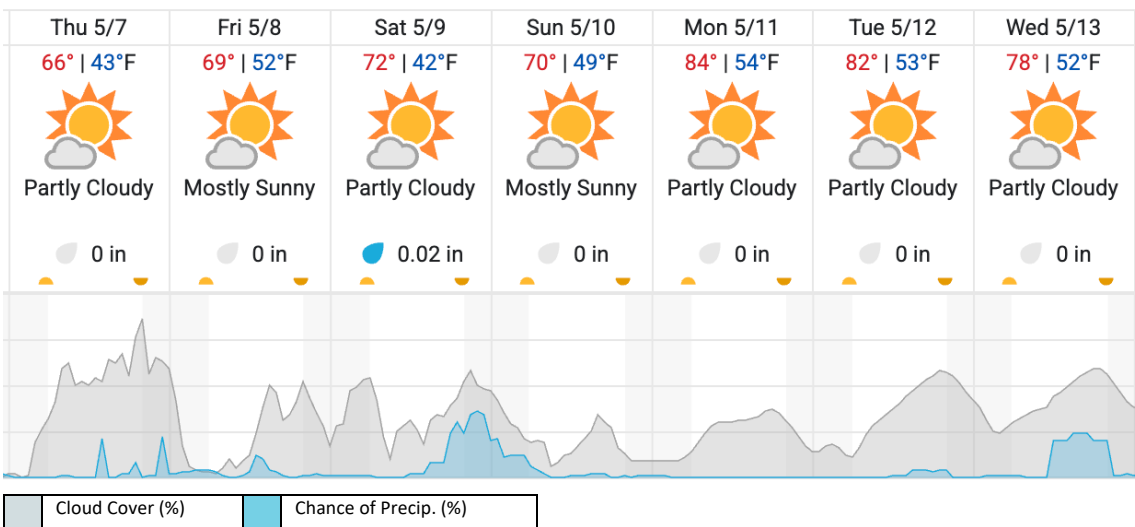
Yellow: 0% (0/2)

Red: 0% (0/2)

* Flown within 35deg solar angle

Weather Forecast

Boulder, CO (KBDU)



source: wunderground.com

Flight Collection Plan for 7 May 2026

Flyority 1

Training Flights: Cam, Alyssa

Collection Area: Boulder City Nominal Science Flight

Flight Plan Name: D10_V10F_Boulder_City_v11_PRM

On-Station Time: 1540 UTC / 0940 L

Crew: Matt (Trainer), Alyssa and Cam (Lidar), Mike (Ground)