

## Payload 3 Daily Flight Report

**Date:** 2025-08-15

**Flight Campaign ID:** P3C1

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

**Aircraft:** N821AR

**Domain:** 10 (Central Plains)

**Sites Flown:** None

**Days left in Domain:** 12

**Report Author:** Mitch

**Lidar Operators:** Mitch

**Flight Hours:** 00:00

**Spectrometer Operators:** Alyssa

**Hours until maintenance:** 82.47

**Pilots:** Jeff, Troy

**Ground Crew:** Matt

### Summary

High cirrus clouds spread across the region this morning ahead of isolated thunderstorms and rain showers in the afternoon. No opportunity for collects occurred.

### Concerns

None

### Comments

After failing for the second time in the past week, Brendon and Andrew replaced the sherpa with our next generation cradle point battery yesterday. Dubbed "The Brick", the crew will play close attention and monitor its performance for the remainder of the flight season. Photo courtesy of Brendon.



Cumulative Domain Coverage

D10|ARIK (Arikaree River)

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							

Flown: 0% (0/33)  
Green: 0% (0/33)  
Yellow: 0% (0/33)  
Red: 0% (0/33)  
\* Flown within 35deg solar angle

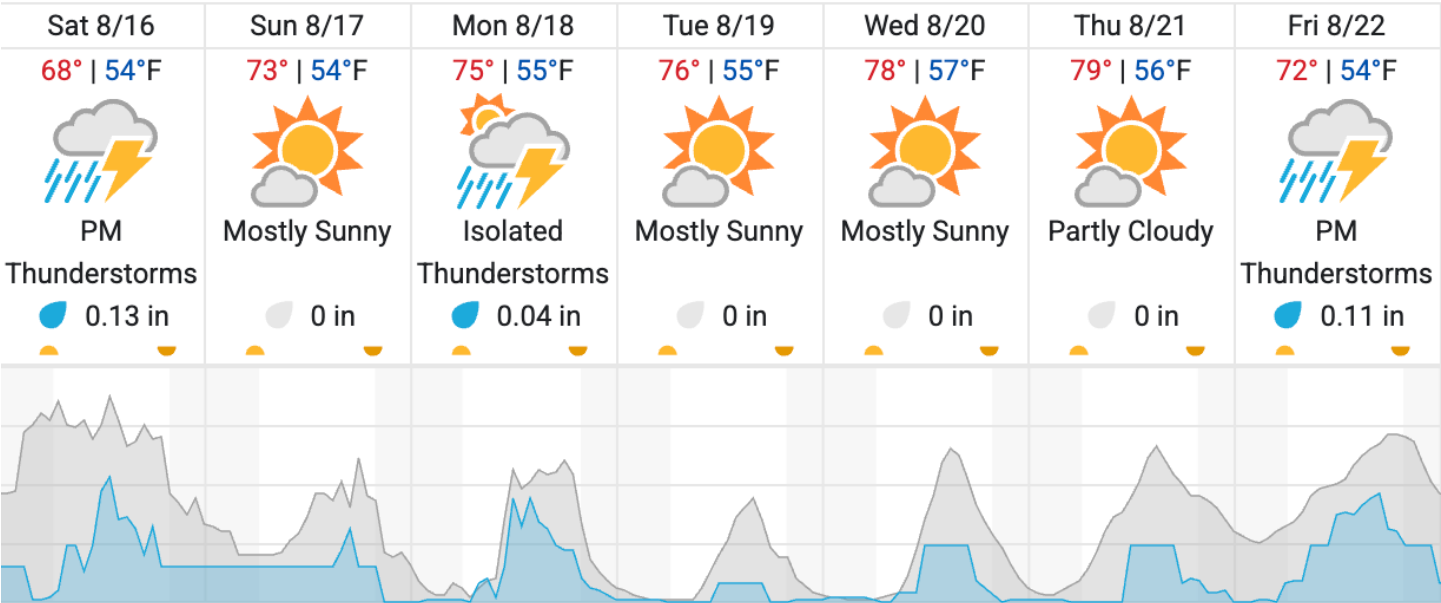
D10|RMNP (Rocky Mountain National Park)

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	38*	39*	40	

Flown: 38% (15/39)  
Green: 0% (0/39)  
Yellow: 38% (15/39)  
Red: 0% (0/39)  
\* Flown within 35deg solar angle

Weather Forecast

Allenspark, CO (RMNP)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 16 August 2025

Flyority 1  
Collection Area: Rocky Mountain National Park (RMNP)  
Flight Plan Name: D10\_RMNP\_R2\_P1\_v5\_Q780  
On-Station Time: 1550 UTC / 0950 L

Crew: Matt (Lidar), Mitch (NIS), Alyssa (Ground)