



## Payload 3 Daily Flight Report



**Date:** 2025-08-16

**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:** 11

**Report Author:** Matt

**Lidar Operators:** Matt

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch **Hours until maintenance:** 82.47

**Pilots:** Jeff, Troy

**Adt'l Flight Crew:** Alyssa

### Summary

Overcast conditions throughout the front range kept the crew grounded.

### 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

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

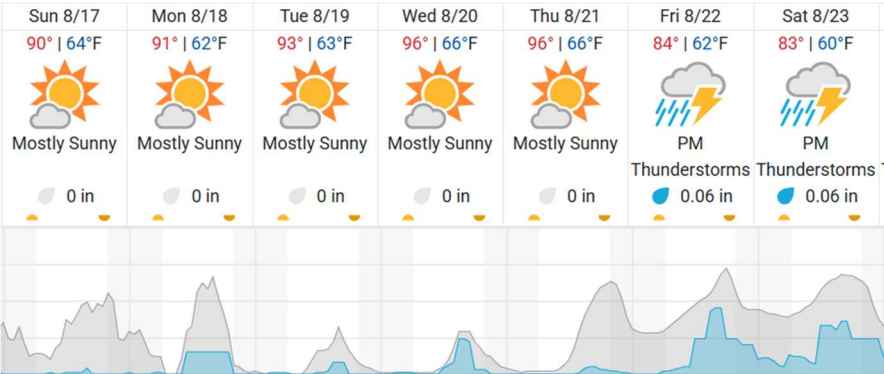
D10|RMNP (Rocky Mountain National Park)

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	

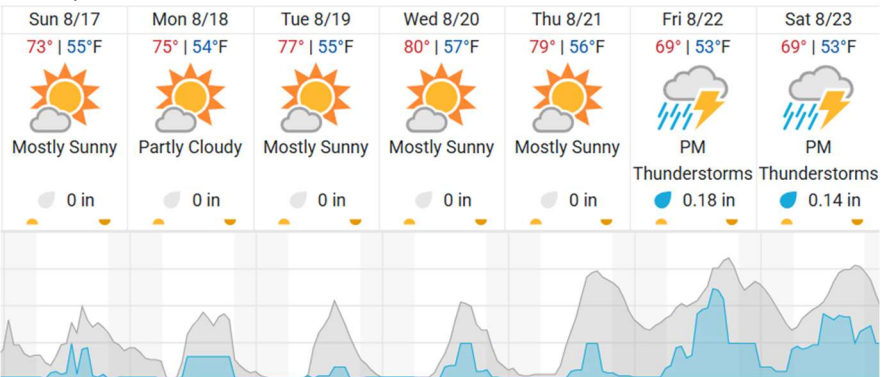
Flown: 38% (15/39)  
Green: 0% (0/39)  
Yellow: 38% (15/39)  
Red: 0% (0/39)  
\* Flown within 35deg solar angle

Weather Forecast

Boulder, CO



Allanspark, CO



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

Flight Collection Plan for 17 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: Mitch (Lidar), Matt (NIS), Alyssa (Ground)