



## Payload 3 Daily Flight Report

**Date:** 2025-08-14

**Flight Campaign ID:** P3C1

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

**Aircraft:** N821AR

**Domain:** 10 (Central Plains)

**Sites Flown:** RMNP (Rocky Mountain National Park)

**Days left in Domain:** 13

**Report Author:** Alyssa

**Lidar Operators:** Alyssa

**Flight Hours:** 00:51

**Spectrometer Operators:** Matt

**Hours until maintenance:** 82.47

**Pilots:** Jeff, Troy

**GPS Instruments:** AOP\_KBDU, AOP\_NIWO

**Adt'l Flight Crew:** Mitch

### Summary

Clouds and haze made for poor data quality, so today was just a quick lidar training flight for Alyssa.

### Concerns

None.

### Comments

None.

### 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)

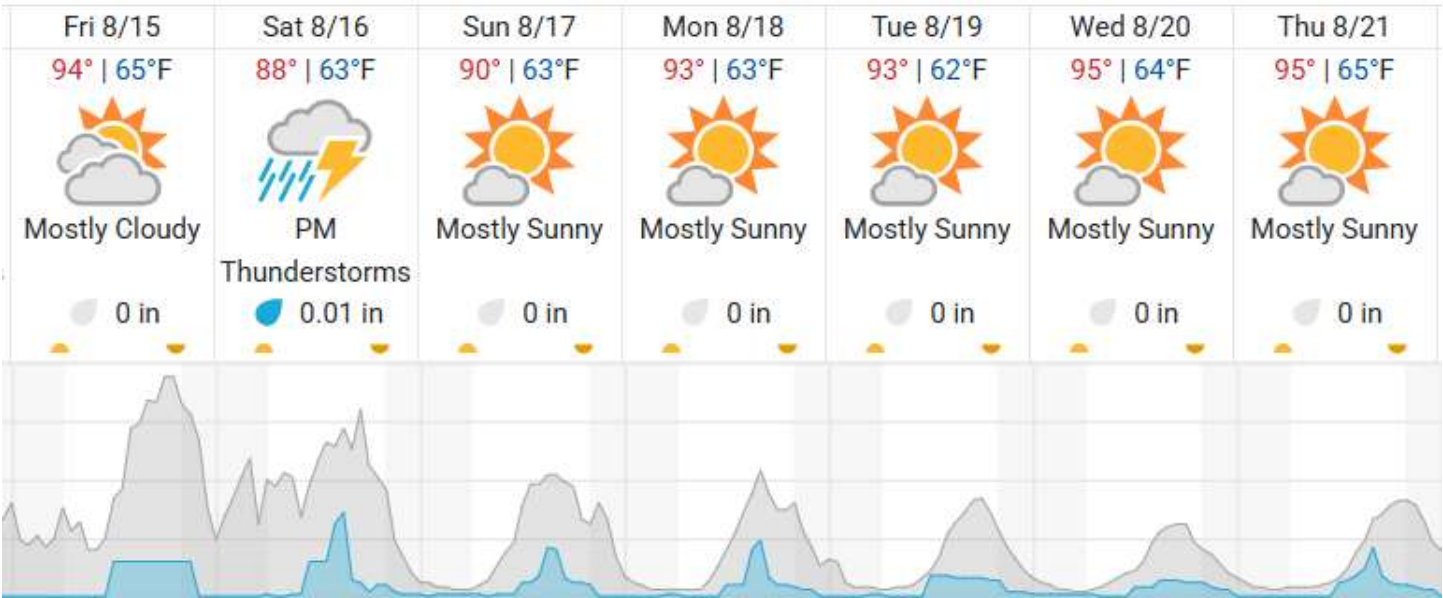
Yellow: 38% (15/39)

Red: 0% (0/39)

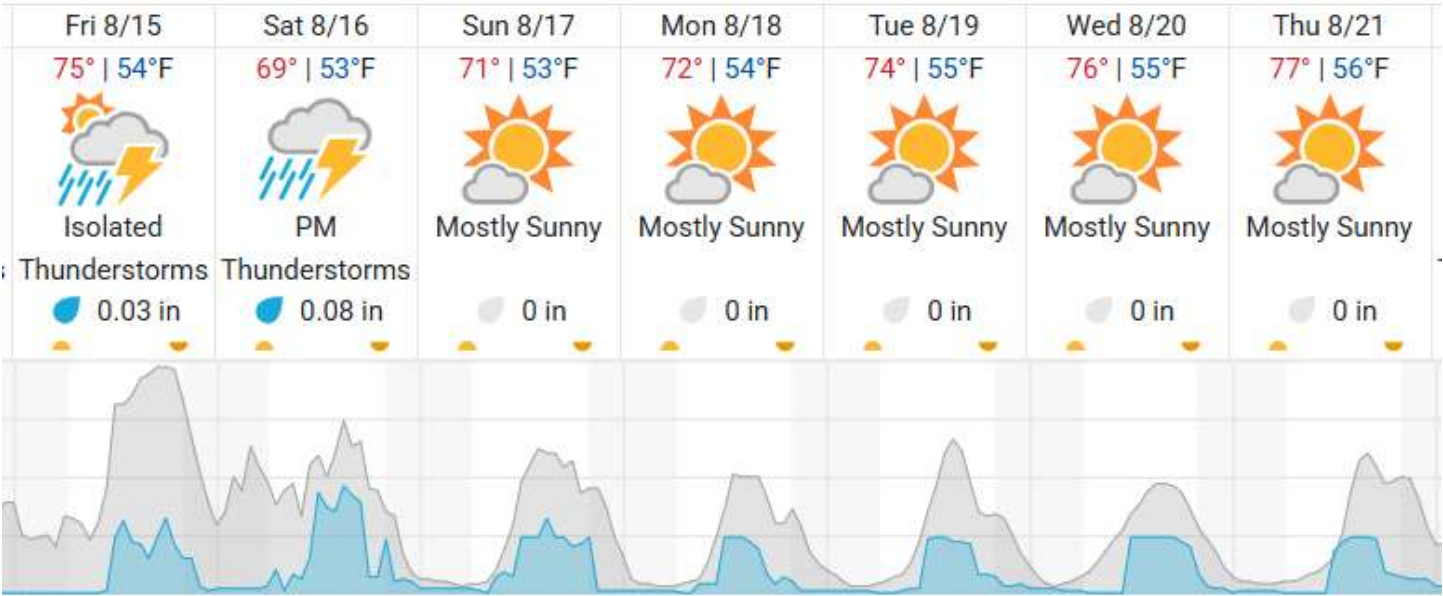
\* Flown within 35deg solar angle

Weather Forecast

Boulder, CO



Allanspark, CO



source: wunderground.com

Flight Collection Plan for 15 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), Alyssa (NIS), Matt (Ground)