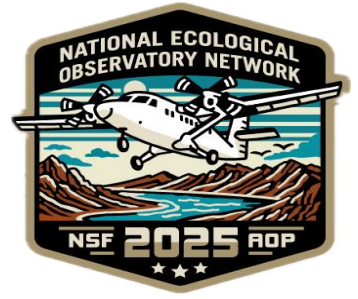




## Payload 3 Daily Flight Report



**Date:** 2025-08-07

**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:** 19

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch **Hours until maintenance:** 85.78

**Pilots:** Rob, Mack

**Ground Crew:** Matt

### Summary

No flights conducted today due to lingering smoke and heavy cloud cover over RMNP.

### Concerns

A second extraction confirmed that Hotel Kit 3's Lidar drive bay C (far left) is faulty.

### Comments

- Extractions of the last two flights from D16 were completed.
- Due to budget constraints it was decided that ARIK will not be flown for the time being; to be re-evaluated once RMNP is successfully collected.

### Cumulative Domain Coverage

#### Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

#### 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: 0% (0/39)

Green: 0% (0/39)

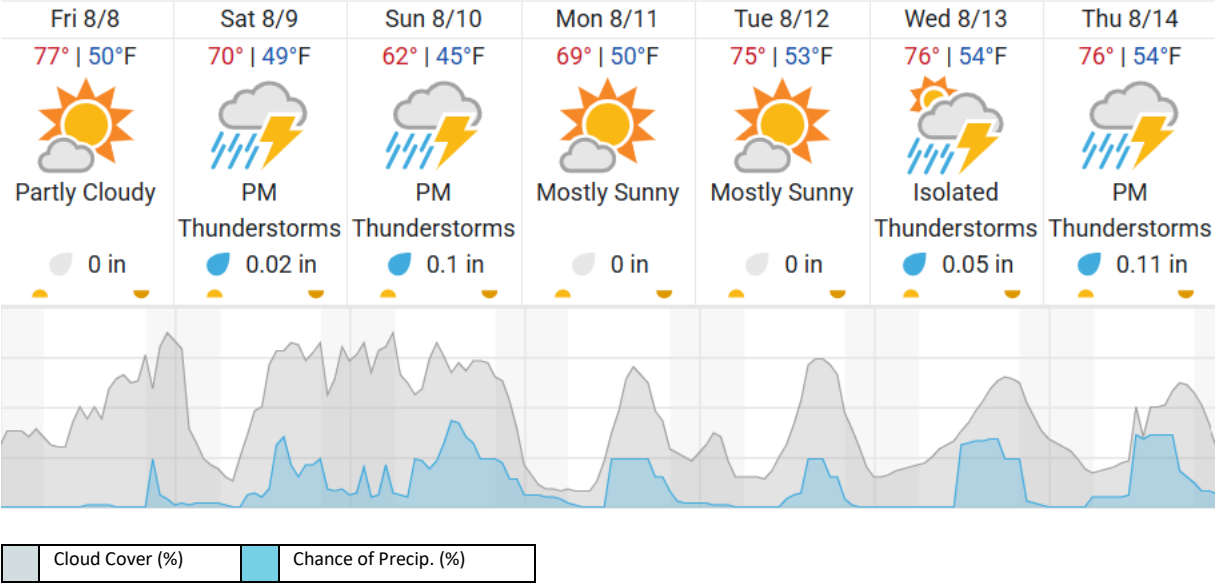
Yellow: 0% (0/39)

Red: 0% (0/39)

\* Flown within 35deg solar angle

Weather Forecast

Allenspark, CO (RMNP)



source: wunderground.com

Flight Collection Plan for 8 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), Elissa (NIS), Matt (Ground)