



Payload 3 Daily Flight Report

Date: 2025-08-23

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: 5

Report Author: Alyssa

Lidar Operators: Alyssa

Flight Hours: 00:00

Spectrometer Operators: Nick

Hours until maintenance: 78.25

Pilots: Jeff, Troy

Summary

Sustained clouds and on/off rain meant no flights conducted today.

Concerns

None.

Comments

Matt rotates out today, thanks for the hard work!

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: 97% (38/39)

Green: 23% (9/39)

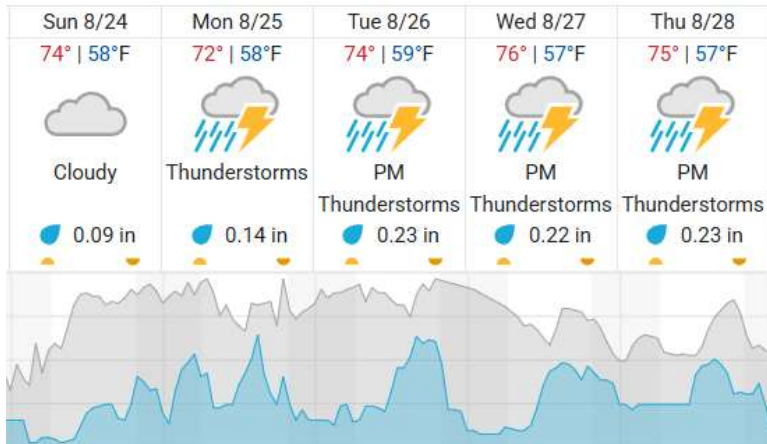
Yellow: 74% (29/39)

Red: 0% (0/39)

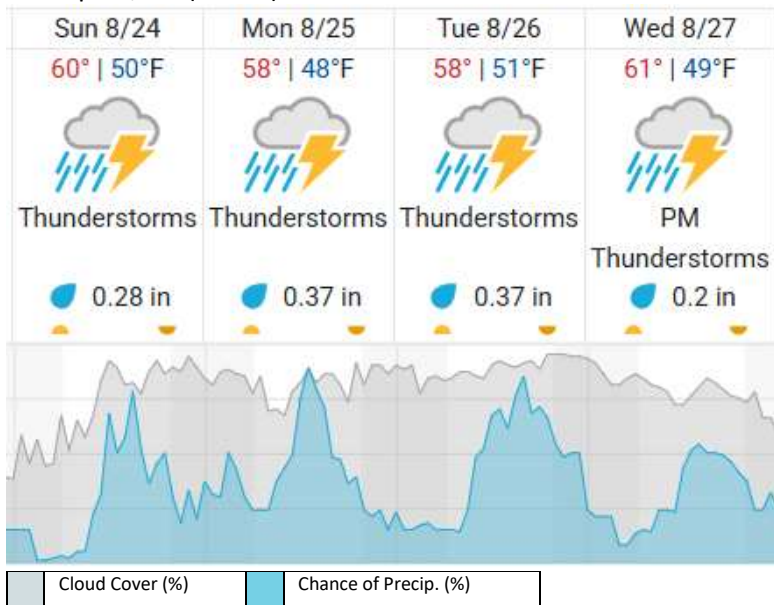
* Flown within 35deg solar angle

Weather Forecast

Boulder, CO (KBDU)



Allenspark, CO (RMNP)



source: wunderground.com

Flight Collection Plan for August 24 2025

Flyority 1

Collection Area: Rocky Mountain National Park (RMNP) – Green up

Flight Plan Name: D10_RMNP_R2_P1_v5_Q780

On-Station Time: 1610 UTC / 1010 L

Crew: Nick (Lidar), Alyssa (NIS)