



Payload 3 Daily Flight Report



Date: 2025-08-05

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: 21

Report Author: Matt

Lidar Operators: Matt

Flight Hours: 00:00

Spectrometer Operators: Elissa

Hours until maintenance: 85.78

Pilots: Mack, Rob

Summary

Smoke and heavy ozone concentrations from wildfires in Canada, Utah and Colorado 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

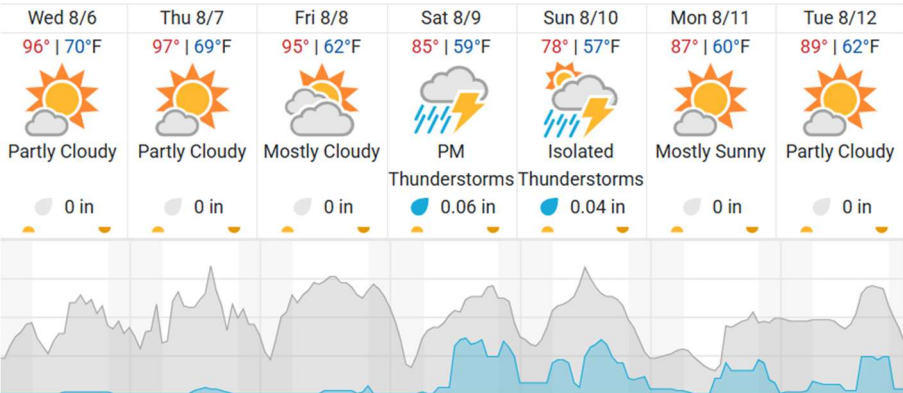
D10|RMNP (Rocky Mountain National Park)

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	

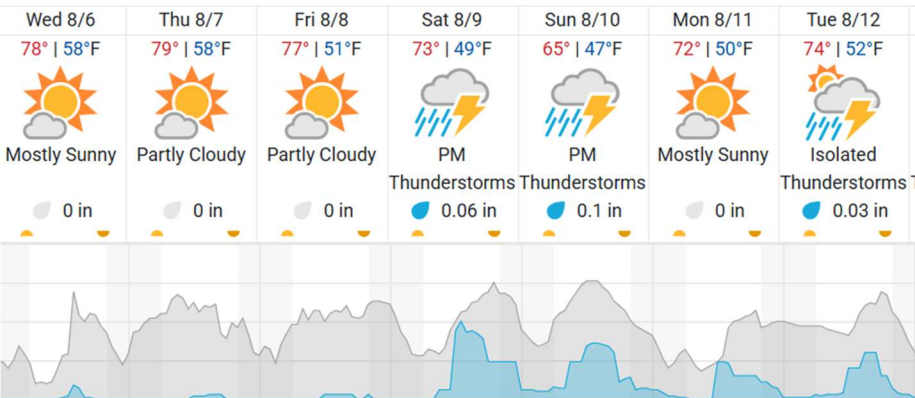
Flown: 0% (0/39)
Green: 0% (0/39)
Yellow: 0% (0/39)
Red: 0% (0/39)
* Flown within 35deg solar angle

Weather Forecast

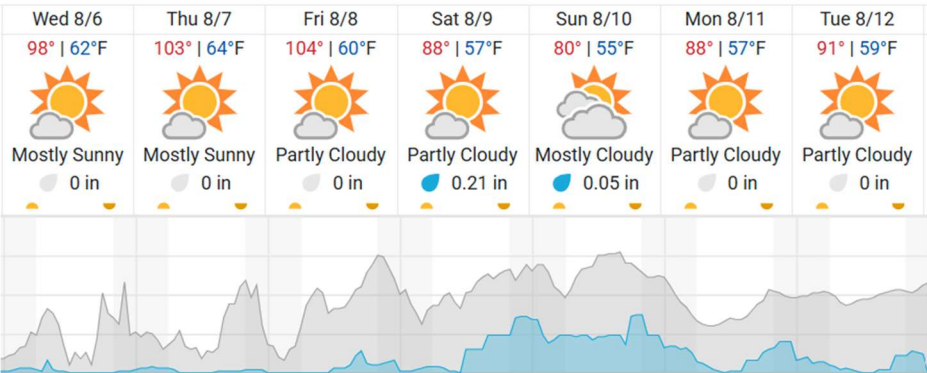
Boulder, CO



Allanspark, CO



Joes, CO



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

Flight Collection Plan for 06 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

Flyority 2

Collection Area: Arikaree River (ARIK)

Flight Plan Name: D10_ARIK_A1_P2_v3_Q780

On-Station Time: 1550 UTC / 0950 L

Crew: Elissa (Lidar), Matt (NIS)