



## Payload 3 Daily Flight Report



**Date:** 2023-08-23

**Flight Campaign ID:** P3C1

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

**Aircraft:** N934MU

**Domain:** 10 (Central Plains), 13 (Southern Rockies & Colorado Plateau)

**Sites Flown:** None

**Days left in Domain:** 3

**Report Author:** Cameron

**Lidar Operators:** Cameron **Flight Hours:** 00:00

**Spectrometer Operators:** John **Hours until maintenance:** 73.07

**Pilots:** Will, Justin

**Ground Crew:** Mitch

### Summary

Clouds developed early over Rocky Mountain National Park and remained through the day. No flights were conducted.

### Concerns

- None

### Comments

- None

### Daily Coverage

Estimated Cloud Cover Key

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

### 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: 100% (33/33)

Green: 100% (33/33)

Yellow: 0% (0/33)

Red: 0% (0/33)

#### 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		

Flown: 89% (34/38)

Green: 68% (26/38)

Yellow: 18% (7/38)

Red: 3% (1/38)

D13|NIWO (Niwot Ridge Mountain Research Station)

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	41
42	43	44	45	46	47	48	49	50	51	52									

Flown: 100% (51/51)  
Green: 100% (51/51)  
Yellow: 0% (0/51)  
Red: 0% (0/51)

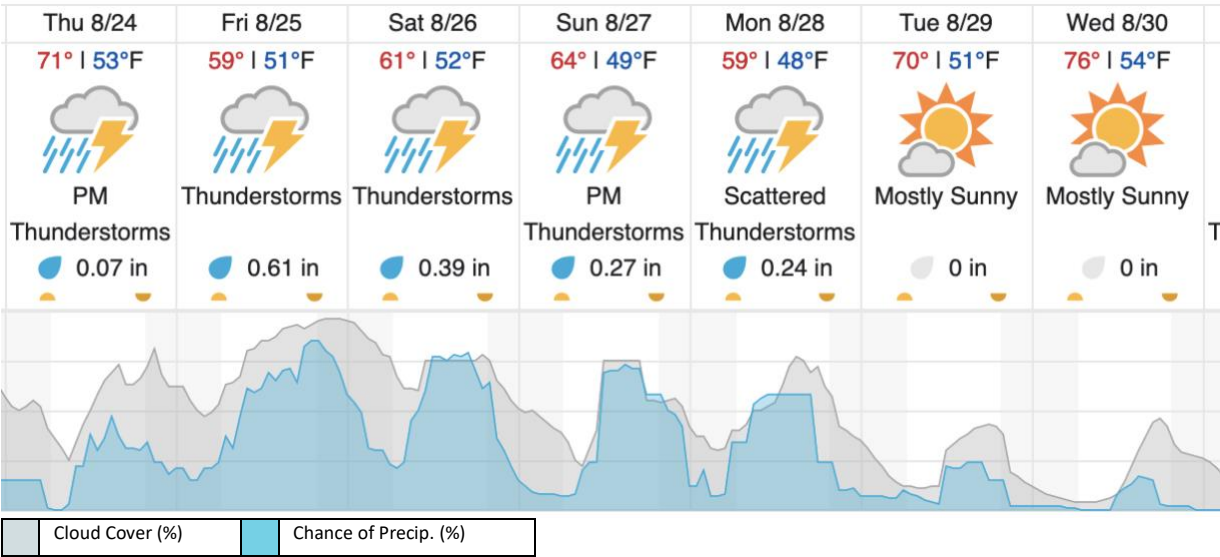
D13|WLOU (West St. Louis Creek)

2	3	4	5	6	7	8	9	10	11	12	13	14
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Flown: 100% (13/13)  
Green: 100% (13/13)  
Yellow: 0% (0/13)  
Red: 0% (0/13)

Weather Forecast

Allenspark, CO (RMNP)



source: wunderground.com

Flight Collection Plan for August 24<sup>th</sup>, 2023

Flyority 1

Collection Area: Rocky Mountain National Park (RMNP)  
Flight Plan Name: D10\_RMNP\_R2\_P1\_v2\_Q780  
On-Station Time: 16:00 UTC / 10:00 L

Crew: Mitch (Lidar), Cam (NIS), John (Ground)