



Payload 3 Daily Flight Report



Date: 2023-08-27

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: 7

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Cameron

Hours until maintenance: 73.07

Pilots: Justin, Will

Ground Crew: John

Summary

Early clouds over Estes Park and the Rocky Mountain National Park flight box grew throughout the solar angle, eventually producing showers and isolated thunderstorm activity in the afternoon. No flights were conducted.

Concerns

None

Comments

None

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)

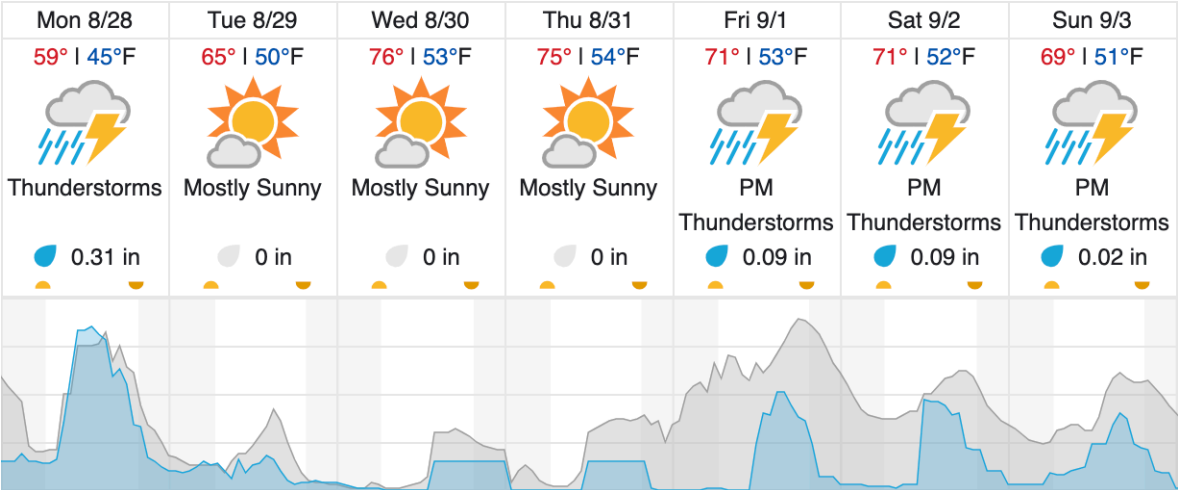
D13|WLOU (West St. Louis Creek)

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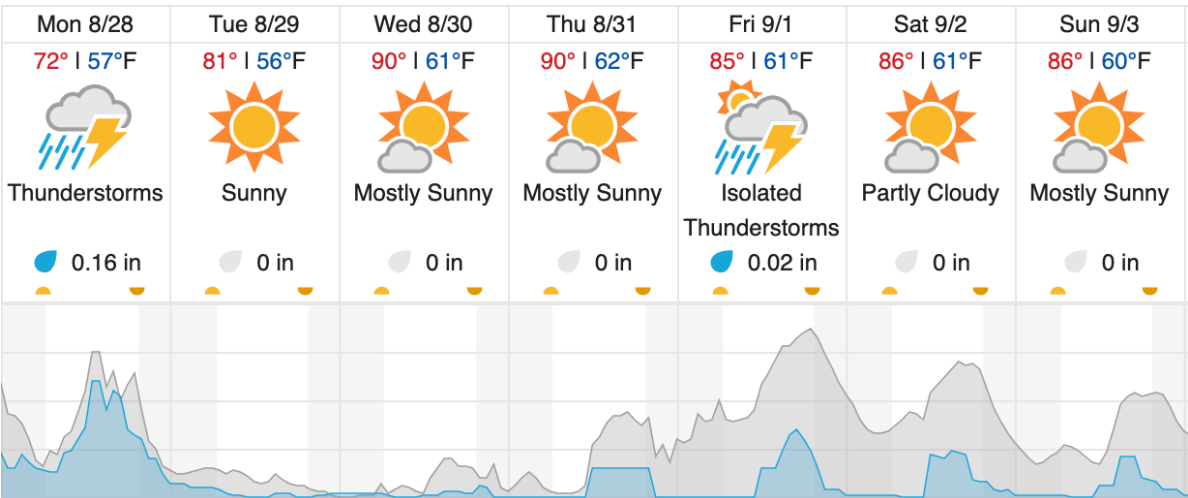
Flown: 100% (13/13)
Green: 100% (13/13)
Yellow: 0% (0/13)
Red: 0% (0/13)

Weather Forecast

Allenspark, CO (RMNP)



Boulder, CO



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

Flight Collection Plan for August 28th, 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: John (Lidar), Mitch (NIS), Cam (Ground)