



Payload 1 Daily Flight Report

Date: 2026-07-17

Flight Campaign ID: P1C1

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

Aircraft: N537AR

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

Sites Flown: None

Days left in Domain: 30

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 47.08

Pilots: Manning, Rusty

Ground Crew: Nick

Summary

Early buildup of cumulus clouds over the sites prevented flights from occurring today.

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: 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

D10|RMNP_P2 (Rocky Mountain National Park Priority 2)

40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
60	61	62	63	64															

Flown: 0% (0/25)

Green: 0% (0/25)

Yellow: 0% (0/25)

Red: 0% (0/25)
* Flown within 35deg solar angle

D10 | STER (Sterling Agricultural Site)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25															

Flown: 0% (0/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 0% (0/25)
* Flown within 35deg solar angle

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: 27% (14/51)
Green: 27% (14/51)
Yellow: 0% (0/51)
Red: 0% (0/51)
* Flown within 35deg solar angle

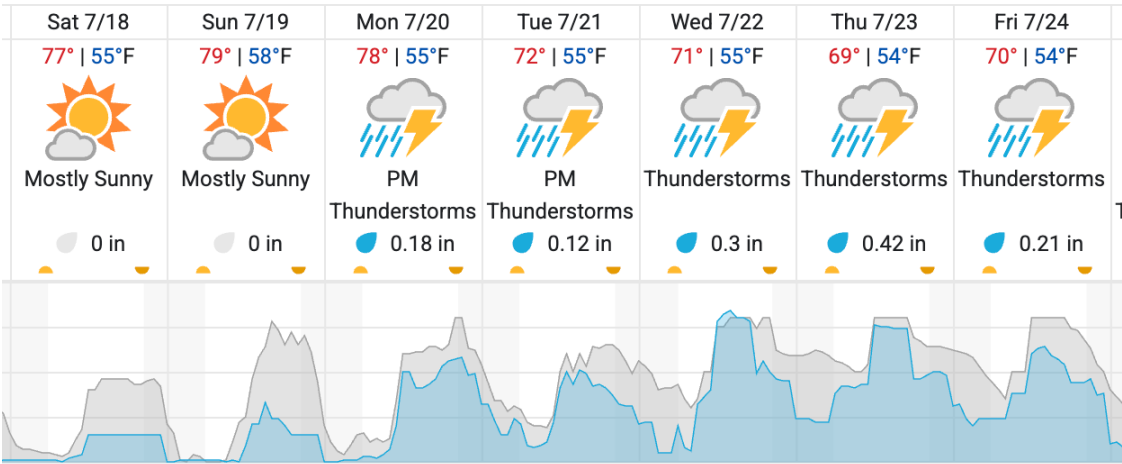
D13 | WLOU (West St. Louis Creek)

2	3	4	5	6	7	8	9	10	11	12	13	14
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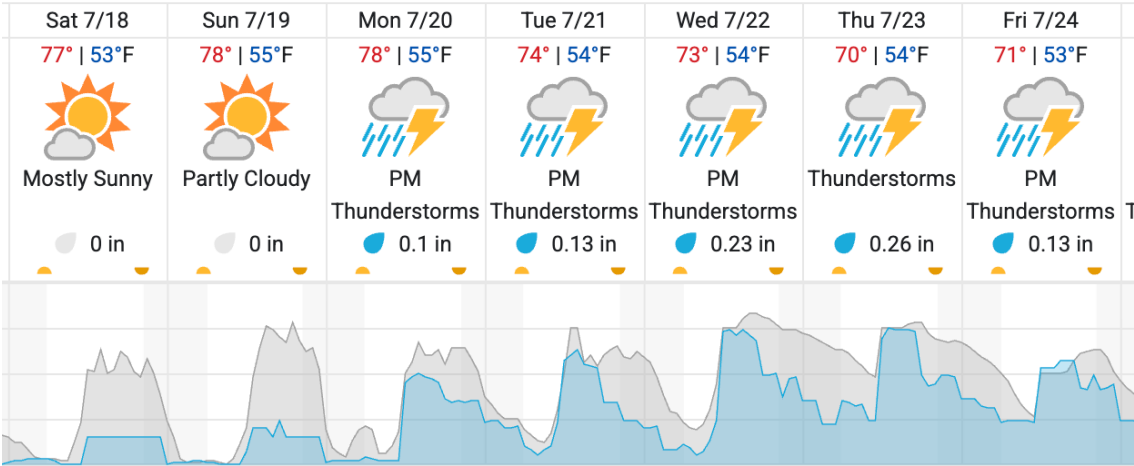
Flown: 0% (0/13)
Green: 0% (0/13)
Yellow: 0% (0/13)
Red: 0% (0/13)
* Flown within 35deg solar angle

Weather Forecast

Allenspark, CO (RMNP/NIWO)



Fraser, CO (WLOU)



Flight Collection Plan for July 17, 2026

Flyority 1

Site: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v7_PRM.xml
Solar Angle Time: 09:30L/15:30UTC

Flyority 2

Site: Rocky Mountain National Park (RMNP)
Flight Plan Name: D10_RMNP_R2_P2_v6_PRM.xml
Solar Angle Time: 09:30L/15:30UTC

Flyority 3

Site: West St. Louis Creek (WLOU)
Flight Plan Name: D13_WLOU_A1_P1_v4_PRM.xml
Solar Angle Time: 09:30L/15:30UTC

Crew: Mike (Lidar), Mitch (NIS)