



Payload 1 Daily Flight Report



Date: 2026-08-16

Flight Campaign ID: P1C1

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

Aircraft: N537AR

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

Sites Flown: None

Days left in Domain: 0

Report Author: Matt

Lidar Operators: Matt

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 125.00

Pilots: Justin

Ground Crew: Elissa

Summary

Overcast conditions continued throughout the day. No flight was attempted.

Concerns

None.

Comments

Crew started packing and planning the upcoming departure to D14, Tucson, AZ. Tomorrow.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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: 36% (12/33)

Green: 36% (12/33)

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		

Flown: 100% (38/38)

Green: 0% (0/38)

Yellow: 87% (33/38)

Red: 13% (5/38)

* 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: 100% (25/25)

Green: 0% (0/25)

Yellow: 0% (0/25)

Red: 100% (25/25)

* 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: 100% (51/51)

Green: 27% (14/51)

Yellow: 33% (17/51)

Red: 39% (20/51)

* 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)

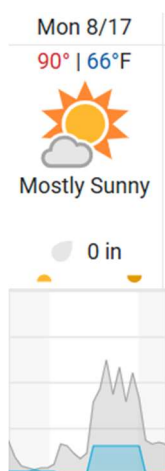
Yellow: 0% (0/13)

Red: 0% (0/13)

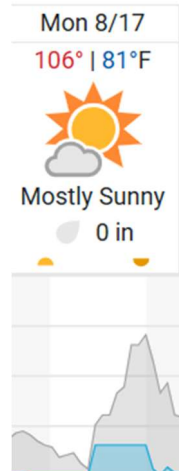
* Flown within 35deg solar angle

Weather Forecast

Boulder, CO



Tucson, AZ



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

Flight Collection Plan for 17 August 2026

Transit to D14

Crew: Elissa, (Ground) Matt