



Payload 3 Daily Flight Report



**Date:** 2024-08-25  
**Flight Campaign ID:** P3C1  
**Airport, FBO ID, City:** Boulder Municipal Airport (KBDU) - Boulder, CO  
**Aircraft:** N821AR

**Domain:** 10 (Central Plains), 13 (Southern Rockies & Colorado Plateau), 15 (Great Basin)  
**Sites Flown:** None  
**Days left in Domain:** 2

**Report Author:** Cameron  
**Lidar Operators:** Cameron      **Flight Hours:** 00:00  
**Spectrometer Operators:** Matt      **Hours until maintenance:** 87.45  
**Pilots:** Vince, Manning

**Summary**  
The Aircraft arrived back in Boulder yesterday afternoon after the fuel bladder replacement. The payload began its pumping and cooling process and should be ready for data collections sometime tomorrow evening.

**Concerns**  
- None

**Comments**  
- None

**Daily Coverage**

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #
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**Flight Screenshots:** None

**Pictures:** 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							

59 885 168 939" data-label="Text">

Flown: 0% (0/33)  
Green: 0% (0/33)  
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	40	

Flown: 97% (38/39)

Green: 97% (38/39)

Yellow: 0% (0/39)

Red: 0% (0/39)

#### 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: 100% (25/25)

Yellow: 0% (0/25)

Red: 0% (0/25)

#### 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: 92% (12/13)

Green: 92% (12/13)

Yellow: 0% (0/13)

Red: 0% (0/13)

#### D15|CTWD\_P1 (NEON Research Support Services - Northern Utah Cottonwood Priority 1)

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

Flown: 100% (22/22)

Green: 100% (22/22)

Yellow: 0% (0/22)

Red: 0% (0/22)

#### D15|CTWD\_P2 (NEON Research Support Services - Northern Utah Cottonwood Priority 2)

23	24	25	26	27	28	29
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Flown: 100% (7/7)

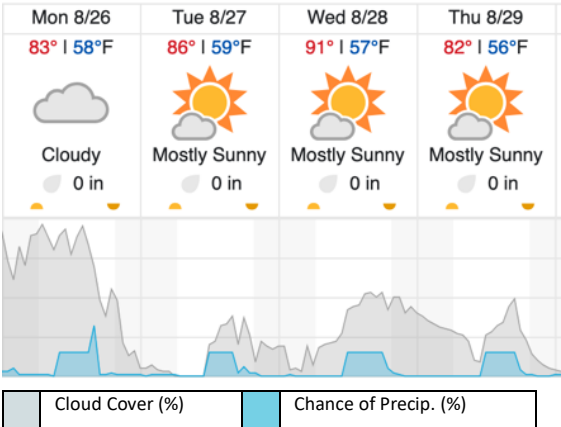
Green: 100% (7/7)

Yellow: 0% (0/7)

Red: 0% (0/7)

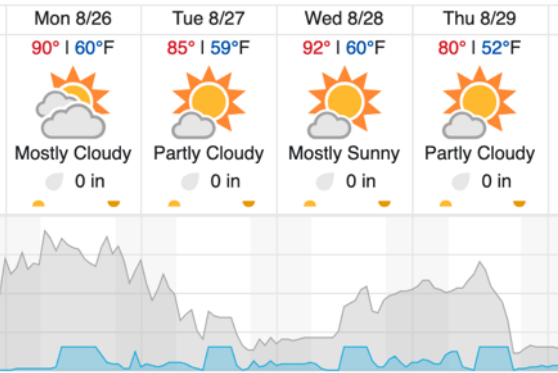
Weather Forecast

Boulder, CO (FBO)



source: wunderground.com

Joes, CO (ARIK)



Flight Collection Plan for 26 August 2024

Flyority 1

Collection Area: Arikaree River (ARIK) – Priority 1 & 2 Flight Box

Flight Plan Name: D10\_ARIK\_A1\_P2\_v3\_Q780

On-station Time: 1520 UTC / 0920 L

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