



## Payload 3 Daily Flight Report



**Date:** 2024-08-19

**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 (Transit)

**Days left in Domain:** 8

**Report Author:** Matt

**Lidar Operators:** Matt

**Flight Hours:** 1.2

**Spectrometer Operators:** Nick **Hours until maintenance:** 87.45

**Pilots:** Vince, Manning

### Summary

No operational flights were conducted today due to cloud cover over eastern Colorado. The crew transited to Grand Junction so the TOIL team can investigate the fuel leak.

### Concerns

- fuel leak

### Comments

None.

### Pictures

None.

### Cumulative Domain Coverage

#### NEON Research Support Services:

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)

NEON Domain 10:  
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)

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									

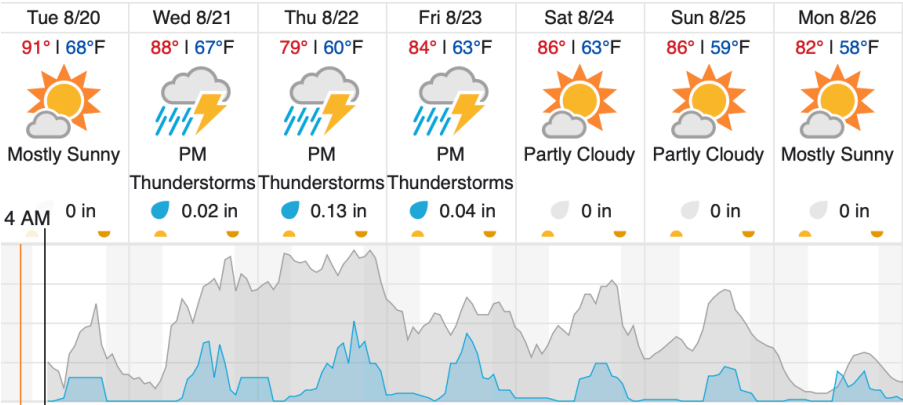
Flown: 100% (51/51)  
Green: 100% (51/51)  
Yellow: 0% (0/51)  
Red: 0% (0/51)

D13|WLOU (West St. Louis Creek)

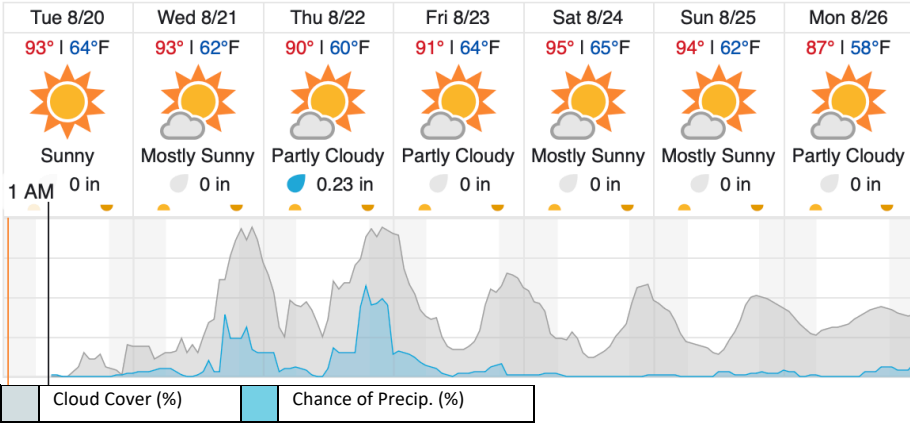
2	3	4	5	6	7	8	9	10	11	12	13	14
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Flown: 92% (12/13)  
Green: 92% (12/13)  
Yellow: 0% (0/13)  
Red: 0% (0/13)

Weather Forecast  
Boulder, CO (FBO)



Joes, CO (ARIK)



source: wunderground.com

Flight Collection Plan for 20 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), Nick (NIS)