



Payload 3 Daily Flight Report



**Date:** 2024-08-08  
**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:** 18

**Report Author:** Nick  
**Lidar Operators:** Nick                      **Flight Hours:** 00:00  
**Spectrometer Operators:** Matt      **Hours until maintenance:** 0.00  
**Pilots:** Vince, Manning

**Summary**

Low clouds turned into rain this morning preventing flights. Twin Otter technician spent most of the day cleaning up the fuel carriage areas. A test flight is being planned to confirm fuel leaks are due to refueling errors. The aircraft was moved to make room for lab calibration fixtures as the Remote Sensing Systems team completed the lab move to the hangar.

RAID disks 6 and 7 were ingested after IT issues were resolved.

**Concerns**

None.

**Comments**

Mike and John rotate in today. Welcome to the P3 crew.  
Matt rotates out. Thanks for the great work.

**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							

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 (RSS)

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

Flown: 0% (0/22)  
Green: 0% (0/22)  
Yellow: 0% (0/22)  
Red: 0% (0/22)

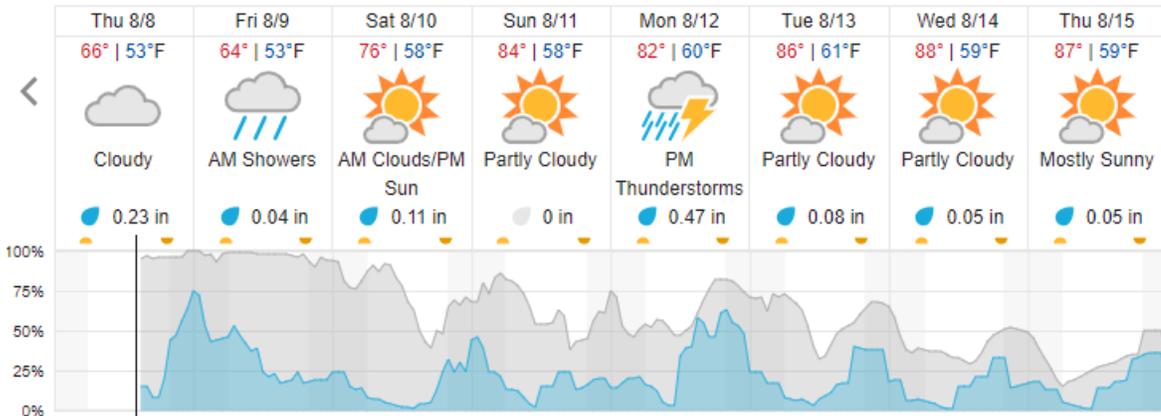
D15|CTWD\_P2 (RSS)

23	24	25	26	27	28	29
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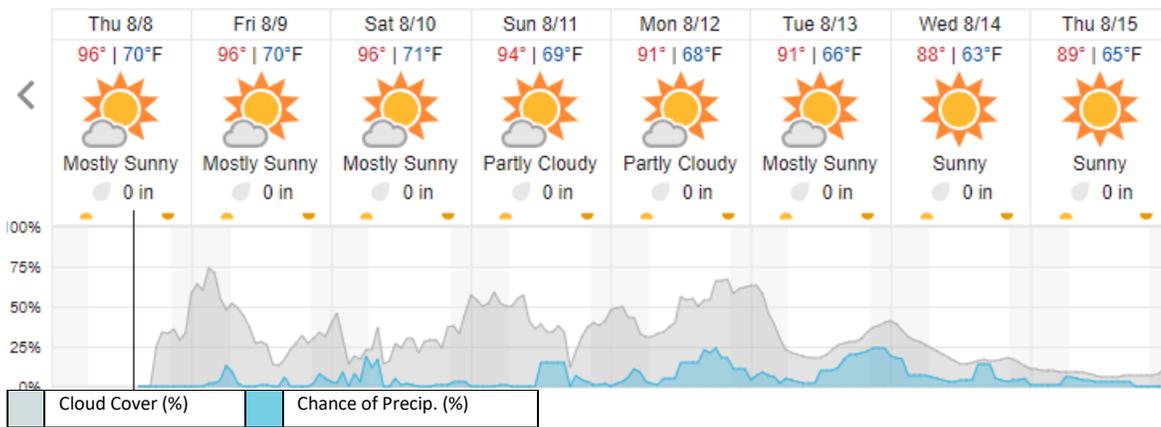
Flown: 0% (0/7)  
Green: 0% (0/7)  
Yellow: 0% (0/7)  
Red: 0% (0/7)

## Weather Forecast

Joes CO (ARIK)



Ogden UT (CTWD)



source: wunderground.com

## Flight Collection Plan for 9 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

### Flyority 2

Collection Area: Northern Utah Priority 1 Flight Plan

Flight Plan Name: D15\_CTWD\_S1\_P1\_v1

On-station Time: 1520 UTC / 0920 L

### Flyority 3

Collection Area: Northern Utah Priority 2 Flight Plan

Flight Plan Name: D15\_CTWD\_S1\_P2\_v1

On-station Time: 1520 UTC / 0920 L

Crew: John (Lidar), Mike (NIS), Nick (Ground)