



Payload 3 Daily Flight Report



Date: 2024-08-17

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: 10

Report Author: Nick

Lidar Operators: Nick

Flight Hours: 0

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

Pilots: Vince, Manning

Summary

Clouds kept the plane from collecting today. Twin Otter is investigating options to further identify the fuel leak issue. The crew spent the day completing extraction of yesterday's Research Support Services flight.

Concerns

- The fuel leak resurfaced after yesterday's second flight.
- Camera QAQC did not generate either during extraction or manually. An issue with the additional project site in the Geo Database is suspected. Other systems generated and appeared normal. The systems team will investigate on Monday.

Comments

- Mitch rotates today. Thanks for the awesome work on the Northern Utah Cottonwood project!

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)

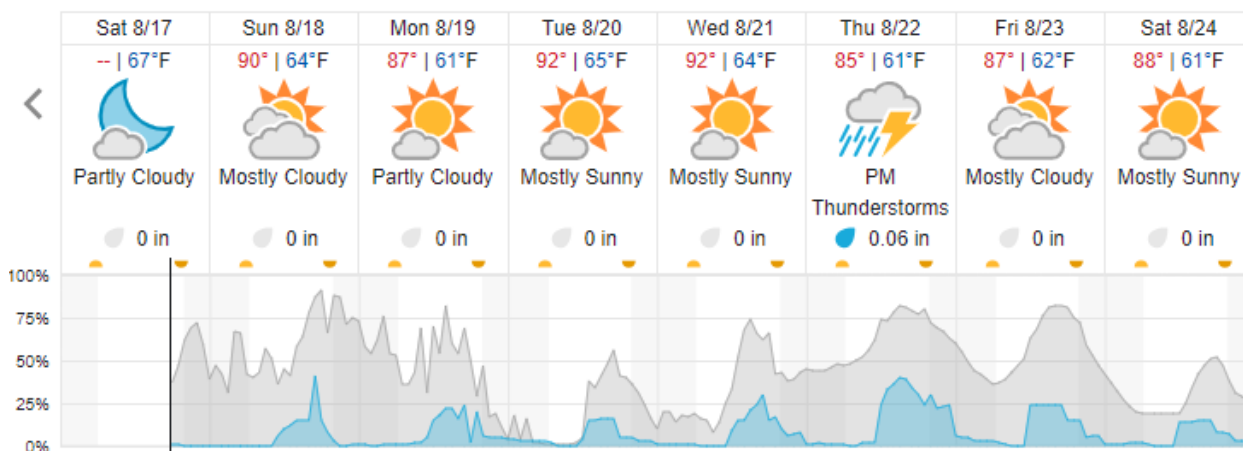
Green: 92% (12/13)

Yellow: 0% (0/13)

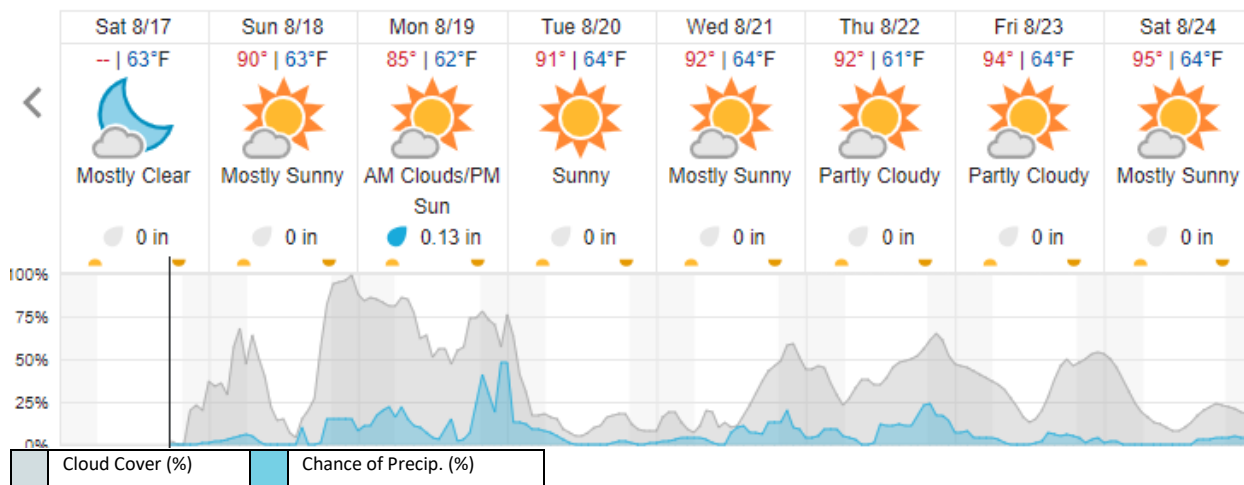
Red: 0% (0/13)

Weather Forecast

Boulder, CO (FBO)



Joes, CO (ARIK)



source: wunderground.com

Flight Collection Plan for 18 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)