



Payload 3 Daily Flight Report



Date: 2024-08-22

Flight Campaign ID: P3C1

Airport, FBO ID, City: Grand Junction Regional Airport (KGJT)

Aircraft: N821AR

Domain: 10 (Central Plains), 13 (Southern Rockies & Colorado Plateau), 15 (Great Basin)

Sites Flown: None

Days left in Domain: 5

Report Author: Matt

Lidar Operators: Matt

Flight Hours: 0.0

Spectrometer Operators: N/A

Hours until maintenance: 87.45

Pilots: Vince, Manning

Summary

The TOIL team made good progress on replacing the fuel cells in the otter. The payload racks have been reinstalled and we expect a return to Boulder tomorrow afternoon.

Concerns

None.

Comments

None.

Pictures



Fuel cells after removal

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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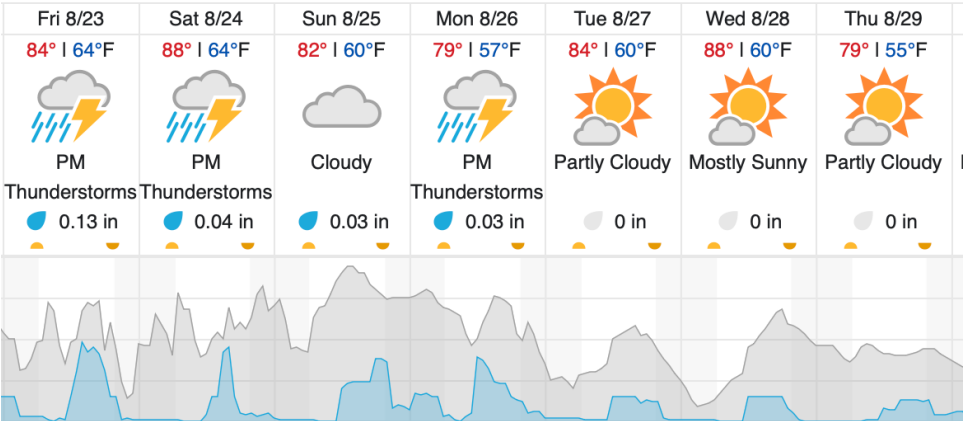
Flown: 92% (12/13)

Green: 92% (12/13)

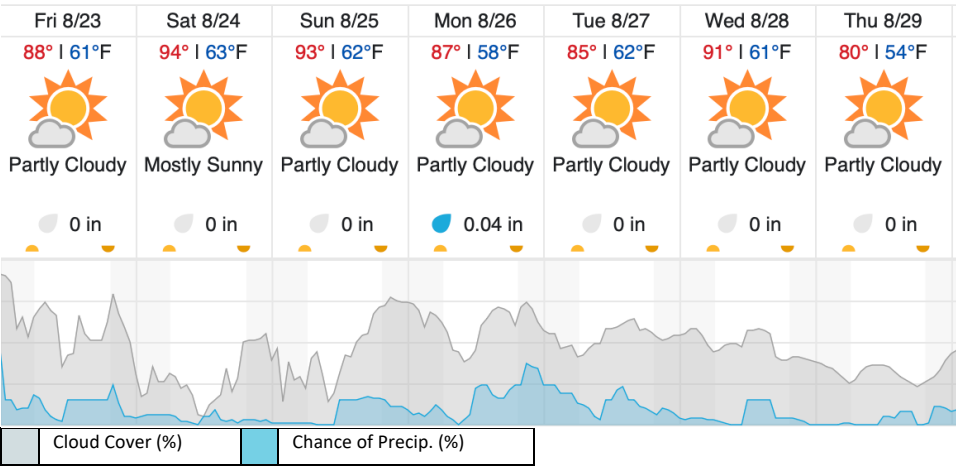
Yellow: 0% (0/13)

Red: 0% (0/13)

Weather Forecast
Boulder, CO (FBO)



Joes, CO (ARIK)



source: wunderground.com

Flight Collection Plan for 23 August 2024

No flights planned due to maintenance

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)