



Payload 3 Daily Flight Report



Date: 2024-08-21

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: 6

Report Author: Matt

Lidar Operators: Matt

Flight Hours: 0.0

Spectrometer Operators: N/A **Hours until maintenance:** 87.45

Pilots: Vince, Manning

Summary

No flights due to ongoing fuel cell replacement.

Concerns

None.

Comments

None.

Pictures



Fuel cells being pulled



Payload racks moved for fuel cell access

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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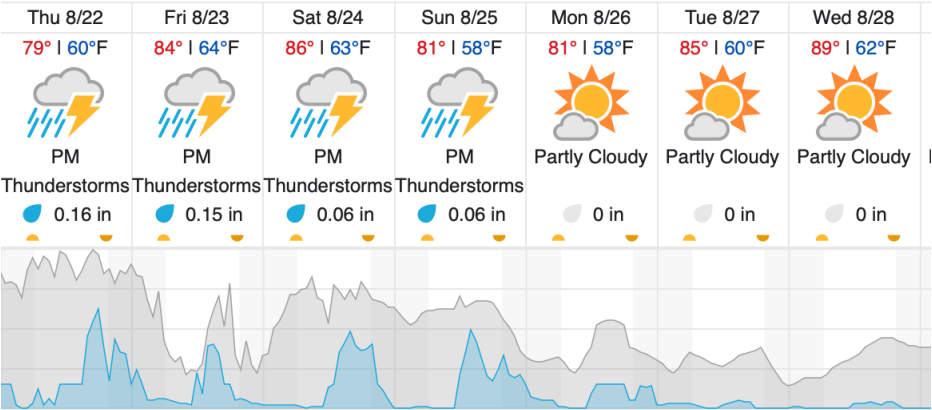
Flown: 92% (12/13)

Green: 92% (12/13)

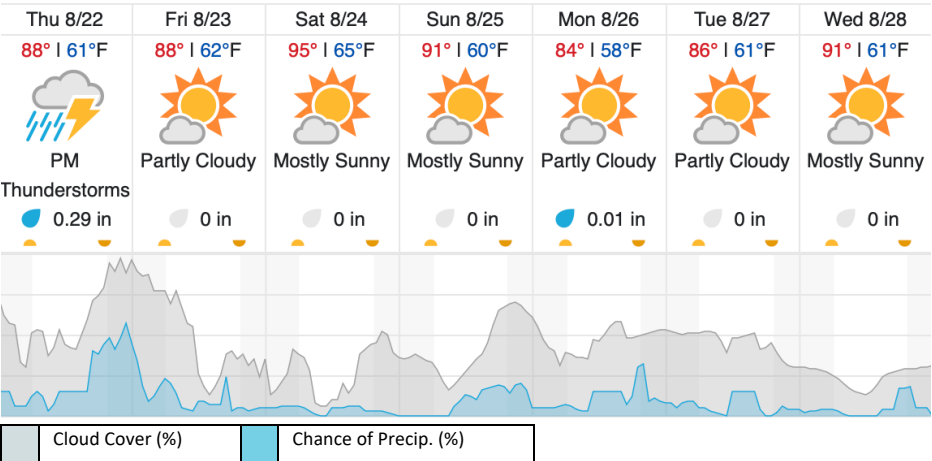
Yellow: 0% (0/13)

Red: 0% (0/13)

Weather Forecast
Boulder, CO (FBO)



Joes, CO (ARIK)



source: wunderground.com

Flight Collection Plan for 22 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)