



Payload 3 Daily Flight Report



Date: 2022-06-30

Flight Campaign ID: P3C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Aircraft: N70AR

Domain: 10 (Central Plains)

Sites Flown: None

Days left in Domain: 27

Report Author: Abe

Lidar Operators: Abe

Flight Hours: 00:00

Spectrometer Operators: John **Hours until maintenance:** 27.92

Pilots: Vince , Brent

Ground Crew: Matt

Summary

The Otter arrived to Boulder last evening and was immediately tended to by the competent TOIL maintenance staff. The "Beta Backup" issue was fully resolved, and the otter was ready for flights this morning. However, the weather at the available sites was not sufficient to mount a survey mission. No flights were conducted. The available sites for the next week, being flown out of boulder, will be RMNP, ARIK, and the CTWD assignable asset project. GPS stations will be deployed to RMNP and ARIK in the next couple of days, as practicable.

Concerns

None

Comments

-Hotel Kit 3 was returned to the crew and will be used again going forward.

-Hotel Kit 5 is online at the Boulder hangar and running the remainder of the D05 and AA project data.

Cumulative Domain Coverage

D10|ARIK (Arikaree River)

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	26	27	28	29	30	31	32	33	34	35					

Flown: 0% (0/35)

Green: 0% (0/35)

Yellow: 0% (0/35)

Red: 0% (0/35)

D10|CTWD_BOX ()

1	2	3
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Flown: 0% (0/3)

Green: 0% (0/3)

Yellow: 0% (0/3)

Red: 0% (0/3)

D10|CTWD_LINES ()

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

Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

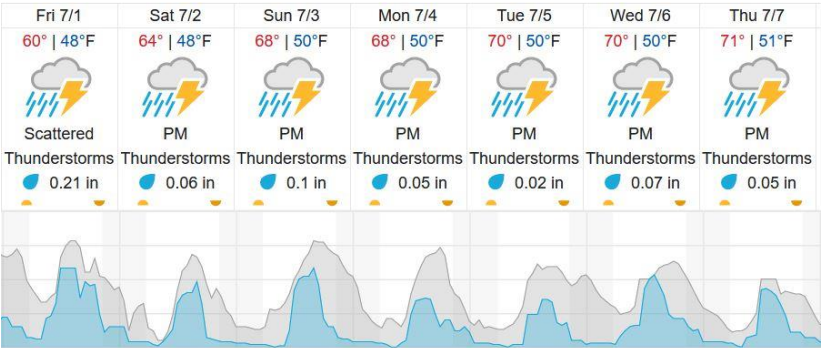
D10|RMNP (Rocky Mountain National Park Priority 1)

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	26	27	28	29	30	31	32	33	34	35	36	37	38	39	

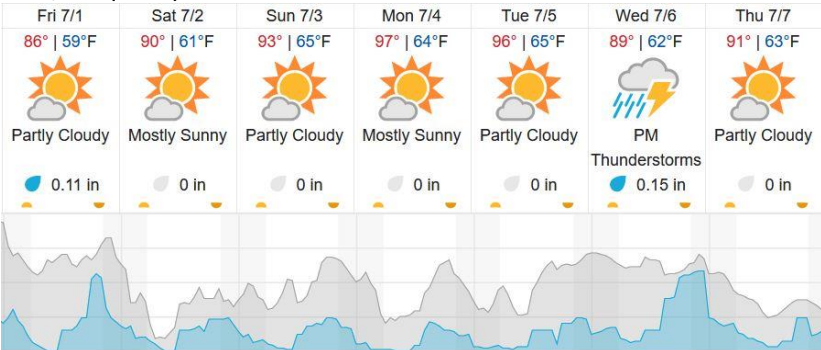
Flown: 0% (0/39)
Green: 0% (0/39)
Yellow: 0% (0/39)
Red: 0% (0/39)

Weather Forecast

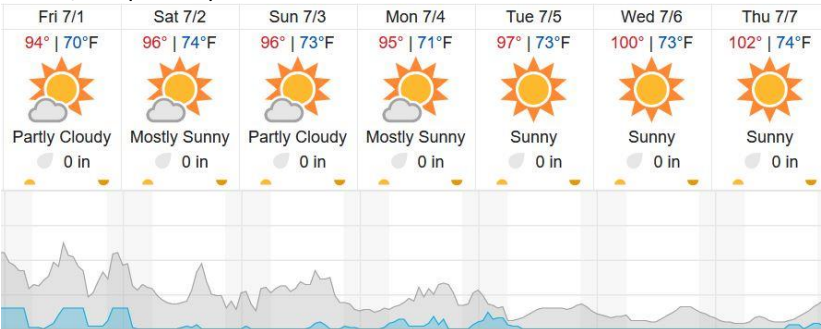
Allenspark, CO (RMNP)



Joes, CO (ARIK)



Moab, UT (CTWD)



	Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 1 July 2022

Flyority 1:

Collection Area: Rocky Mountain National Park (RMNP)

Flight plan name: D10_RMNP_R2_P1_v2_Q780

On-Station Time: 1530 UTC / 0930 L

Flyority 2:

Collection Area: Arikaree River (ARIK)

Flight plan name: D10_ARIK_A1_P2_v3_Q780

On-Station Time: 1510 UTC / 0910 L

Flyority 3:

Collection Area: Canyonlands 800m Flight Box (CTWD_BOX)

Flight plan name: D13_CTWD_Cnynlnds_FB_800m_v1

On-Station Time: 1540 UTC / 0940 L

Flyority 3:

Collection Area: Canyonlands 1000m Flight Line (CTWD_LINES)

Flight Plan Flight plan name: D13_CTWD_Cnynlnds_FL_v3

On-Station Time: 1540 UTC / 0940 L

Crew: John (Lidar), Abe (NIS), Matt (Ground)