



Payload 3 Daily Flight Report



Date: 2020-06-29

Flight Campaign ID: P3C1

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

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

Sites Flown: None

Days left in Domain: 6

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Elissa Barris Hours until maintenance: 90.83

Pilots: Micah Hoogeveen, Lane Taylor GPS Instruments: None

Ground Crew: Cameron Chapman

Summary

Higher level clouds across the region prevented any attempt at a clear collect at RMNP today.

Concerns

Comments

- Calls were made to investigate our permanent GPS at UKFS and the connectivity issues we've been having in preparation of D06 Collections. The unit was found to be offline with no power being received over ethernet. A power cord is being shipped to UKFS staff to troubleshoot, but crew will plan on bringing an additional GPS in case a temporary unit needs to be deployed.
- GPS 01 (the cattle disturbed unit from CPER) was deployed at KBDU and will be run for a few days to verify functionality. Early indications show no permanent damage to everything but the solar panel.

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: 97% (34/35)

Green: 31% (11/35)

Yellow: 46% (16/35)

Red: 20% (7/35)

D10|CPER (Central Plains Ecological Range)

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												

Flown: 100% (28/28)

Green: 100% (28/28)

Yellow: 0% (0/28)

Red: 0% (0/28)

D10 | RMNP_P1 (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: 15% (6/39)
 Green: 15% (6/39)
 Yellow: 0% (0/39)
 Red: 0% (0/39)

D10 | RMNP_P2 (Rocky Mountain National Park Priority 2)

40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
60	61	62	63	64															

Flown: 0% (0/25)
 Green: 0% (0/25)
 Yellow: 0% (0/25)
 Red: 0% (0/25)

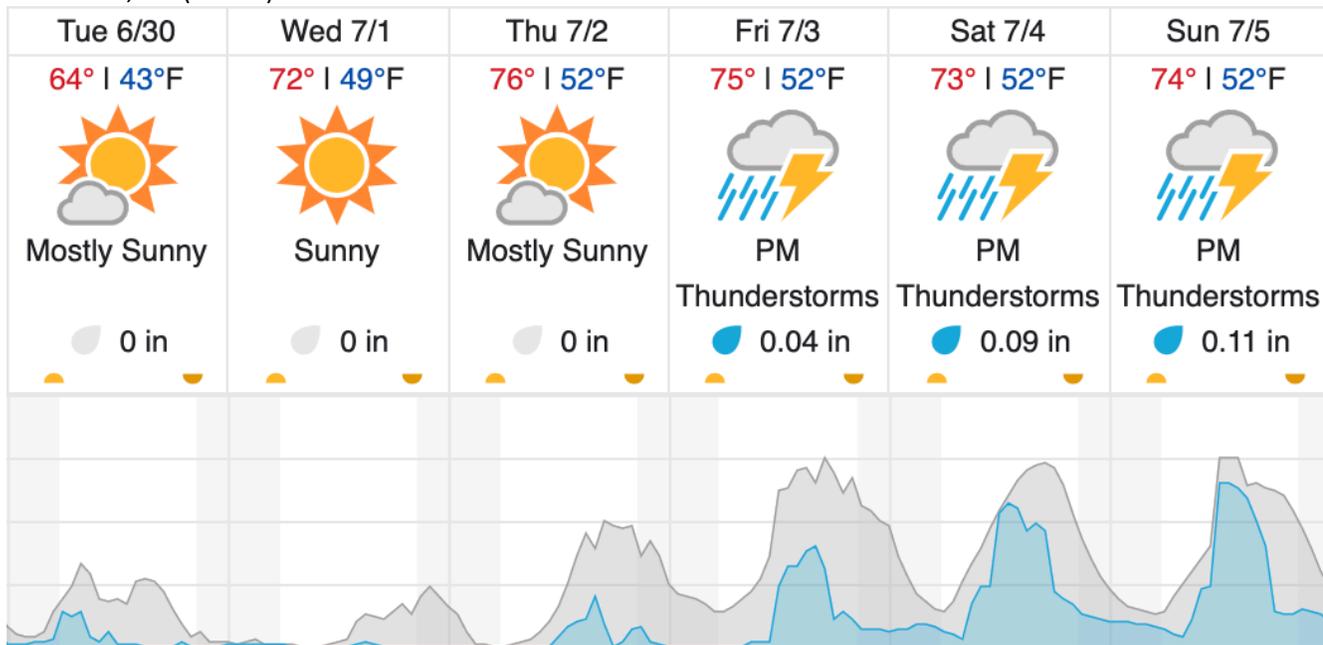
D13 | MOAB (Moab)

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											

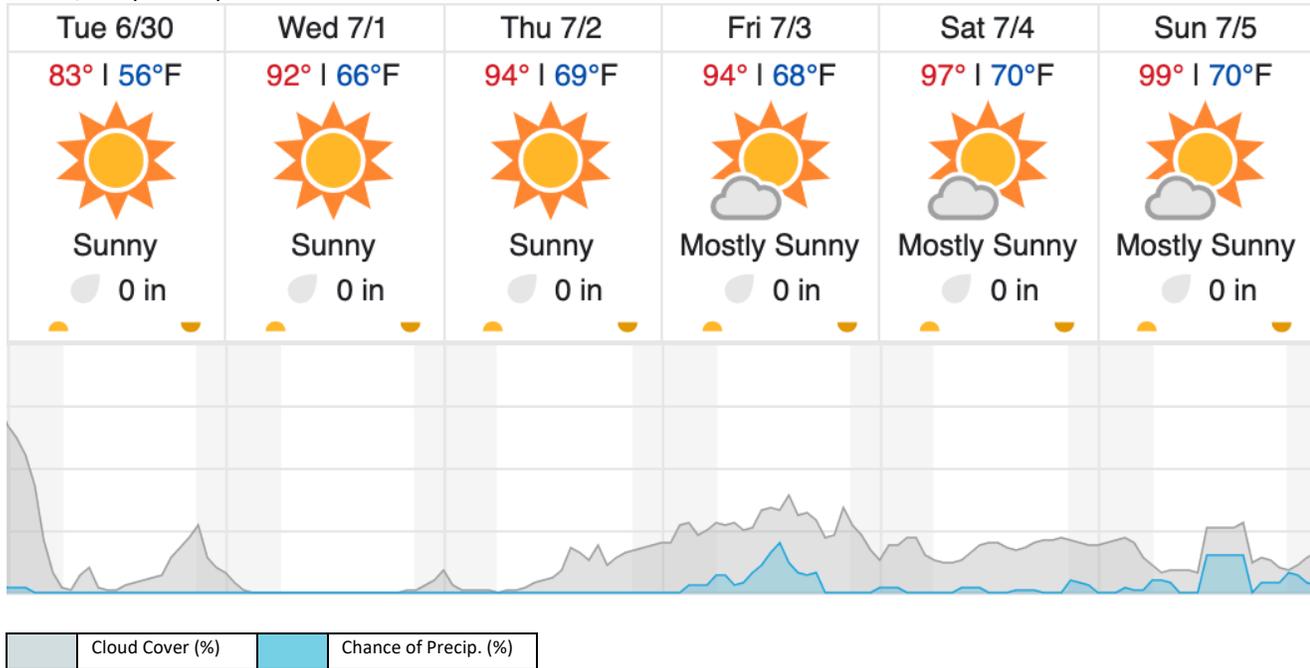
Flown: 0% (0/29)
 Green: 0% (0/29)
 Yellow: 0% (0/29)
 Red: 0% (0/29)

Weather Forecast

Estes Park, CO (RMNP)



Moab, UT (MOAB)



Flight Collection Plan for 30 June 2020

Flyority 1

Collection Area: Rocky Mountain National Park (RMNP)

Flight Plan Name: D10_RMNP_R2_P1_v2_Q780

On-Station Time: 15:20 UTC / 09:20L

Flyority 2

Collection Area: Moab (MOAB) – Moab, UT

Flight Plan Name: D13_MOAB_R1_P1_v3_Q780

On-Station Time: 15:30 UTC / 09:30L

Flight Crew: Elissa Barris (Lidar), Cameron Chapman (NIS), Mitch Haynes (Ground)

Flight Collection Plan for 1 July 2020

Flyorities: Same as previous day

Flight Crew: Cameron Chapman (Lidar), Mitch Haynes (NIS), Elissa Barris (Ground)