



# Payload 3 Daily Flight Report



Date: 2020-06-19

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: 12

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Elissa Barris Hours until maintenance: 104.65

Pilots: Justin Eddington, Lane Taylor GPS Instruments:

Ground Crew: Cameron Chapman

## Summary

Heavy rain and overcast conditions throughout most of the day. No flights were attempted.

## Concerns

- None

## Comments

- GPS 06 was deployed to RMNP

## 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: 51% (18/35)

Green: 0% (0/35)

Yellow: 40% (14/35)

Red: 11% (4/35)

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: 36% (10/28)

Green: 0% (0/28)

Yellow: 36% (10/28)

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: 0% (0/39)

Green: 0% (0/39)

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)

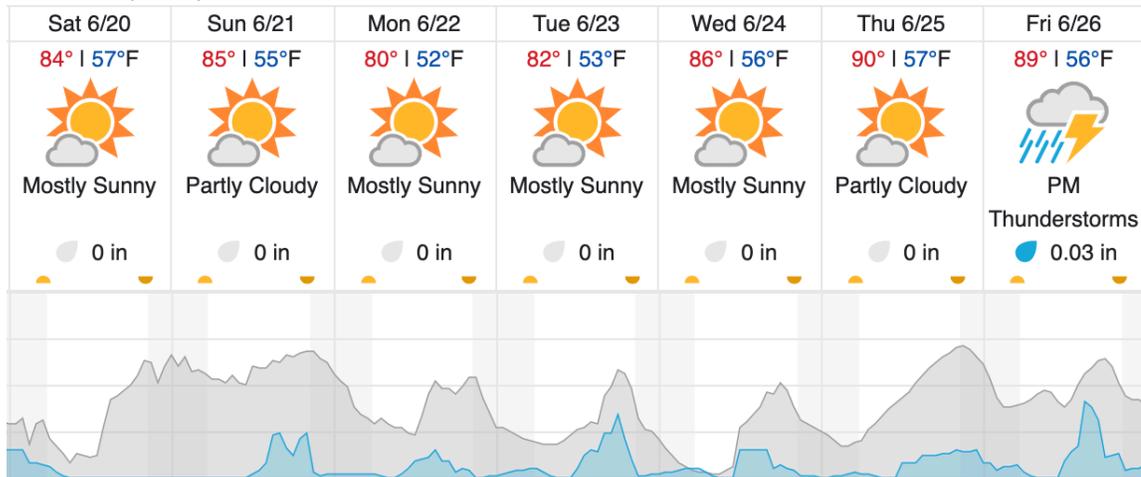
D13 | MOAB (Moab )

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												

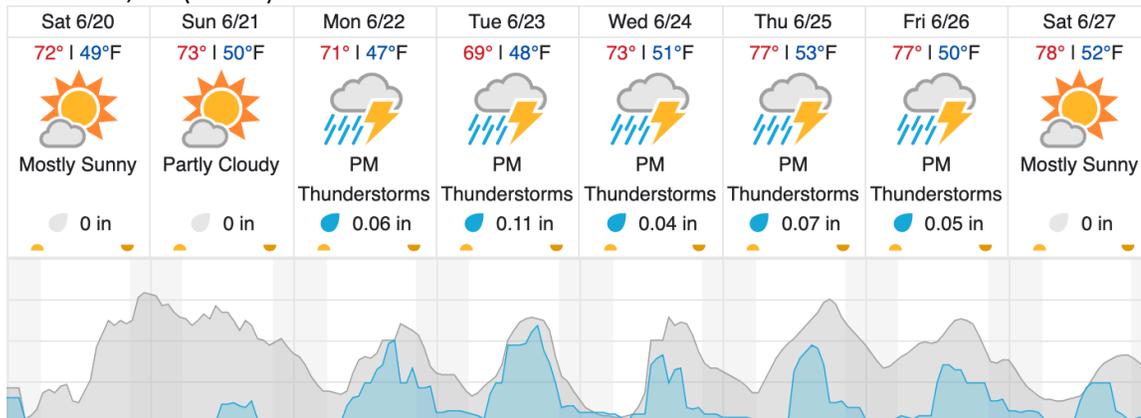
Flown: 0% (0/29)  
 Green: 0% (0/29)  
 Yellow: 0% (0/29)  
 Red: 0% (0/29)

**Weather Forecast**

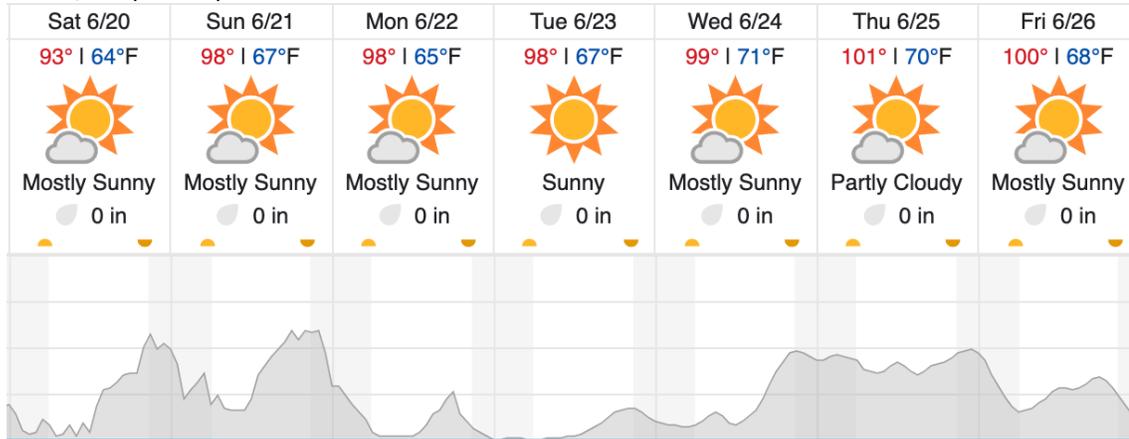
Nunn, CO (CPER)



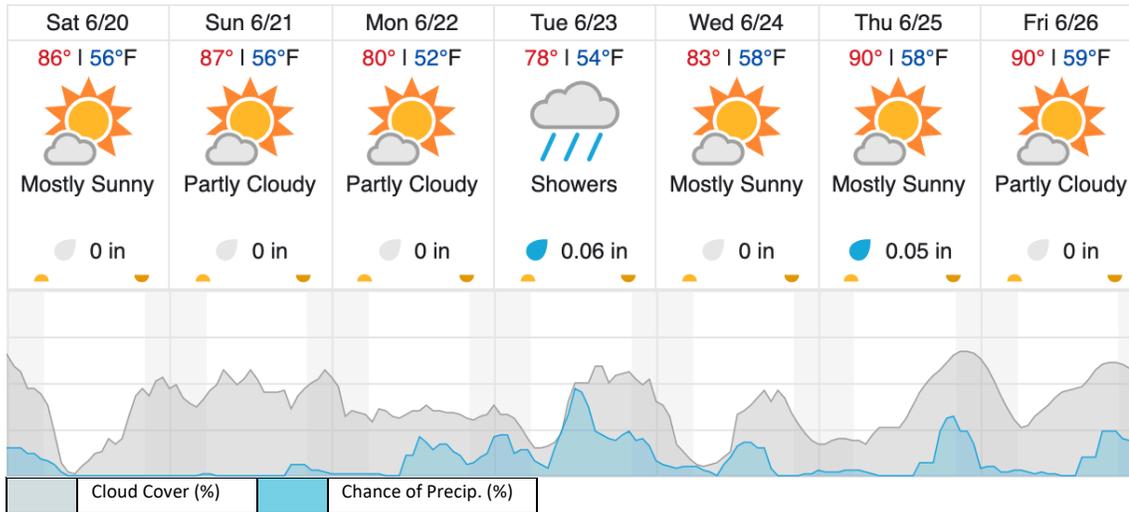
Estes Park, CO (RMNP)



Moab, UT (MOAB)



Arickaree, Co (ARIK)



**Flight Collection Plan for 20 June 2020**

Flyority 1

Collection Area: Central Plains Ecological Range (CPER)

Flight Plan Name: D10\_CPER\_C1\_P1\_v6\_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

Flyority 3

Collection Area: Arikaree River (ARIK) – Arickaree, CO

Flight Plan Name: D10\_ARIK\_A1\_P2\_v3\_Q780

On-Station Time: 15:10 UTC / 09:10L

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

**Flight Collection Plan for 21 June 2020**

Flyorities: Same as previous day

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