



Payload 3 Daily Flight Report



Date: 2020-06-16

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: 14

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Spectrometer Operators: Elissa Barris

Pilots: Justin Eddington, Lane Taylor

Ground Crew: Cameron Chapman, Nick Marusich

Flight Hours: 00:00

Hours until maintenance: 108.65

GPS Instruments: None

Summary

Crew determined it was still too early to collect more non-green lines with higher level clouds preventing our desirable clear-sky conditions.

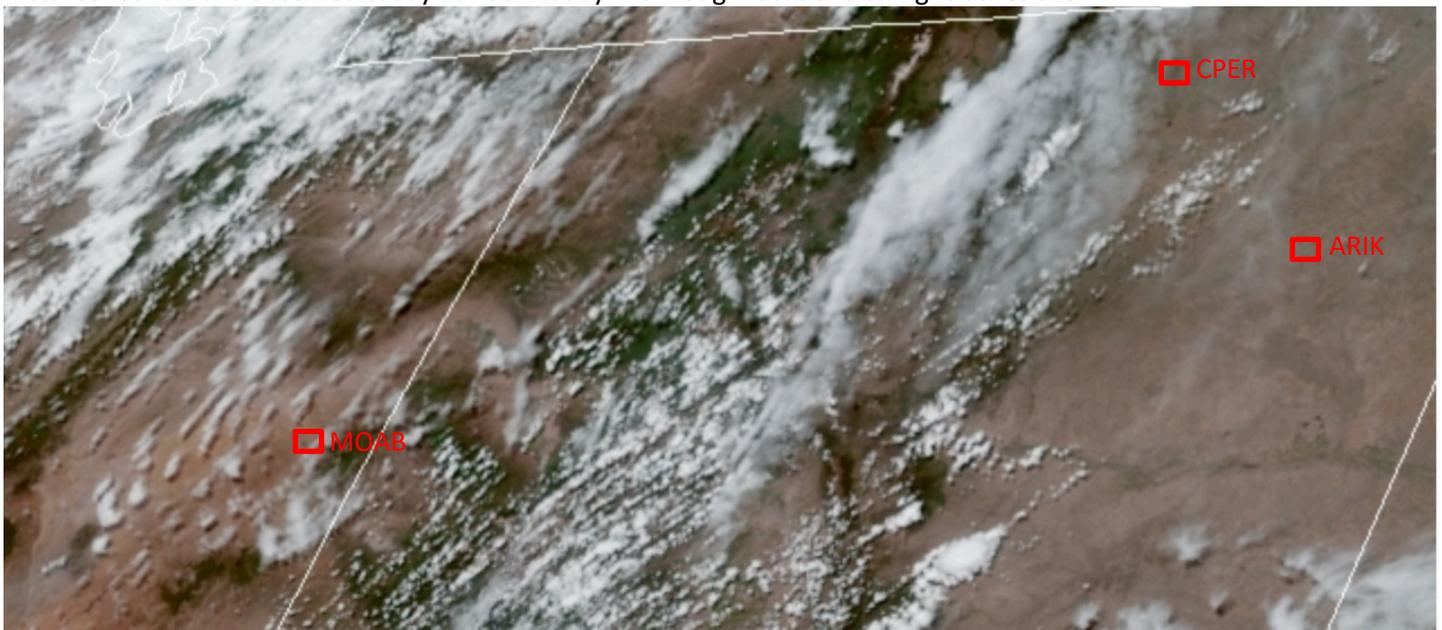
Concerns

None

Comments

- GPS 04 was deployed near ARIK today, making it eligible for collects starting tomorrow. Thanks, Nick!
- RAID 2020_P3C1_01 was finally shipped together and running through the new Pony Verification tool with Andrew.

Pictures: Conditions observed today at noon today with rough locations of flight boxes shown.



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|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)

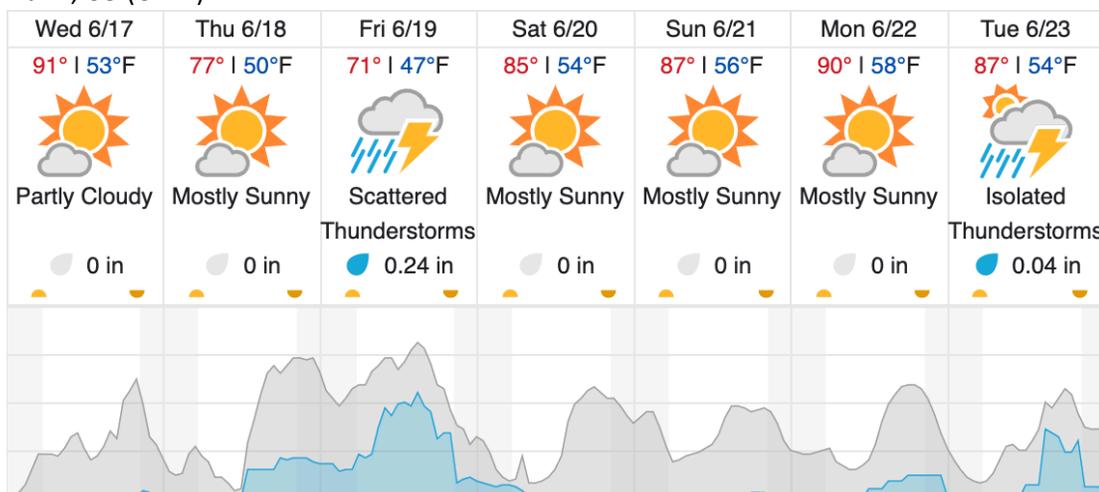
Green: 0% (0/29)

Yellow: 0% (0/29)

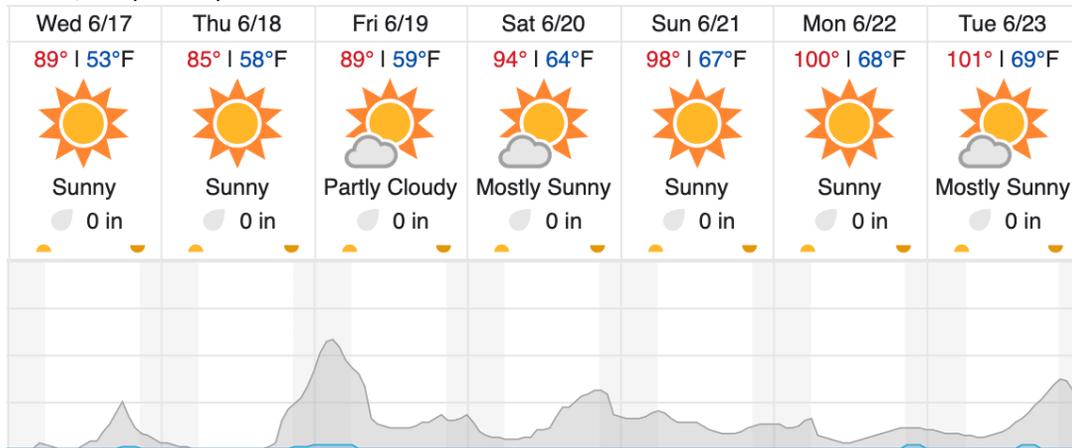
Red: 0% (0/29)

Weather Forecast

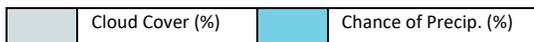
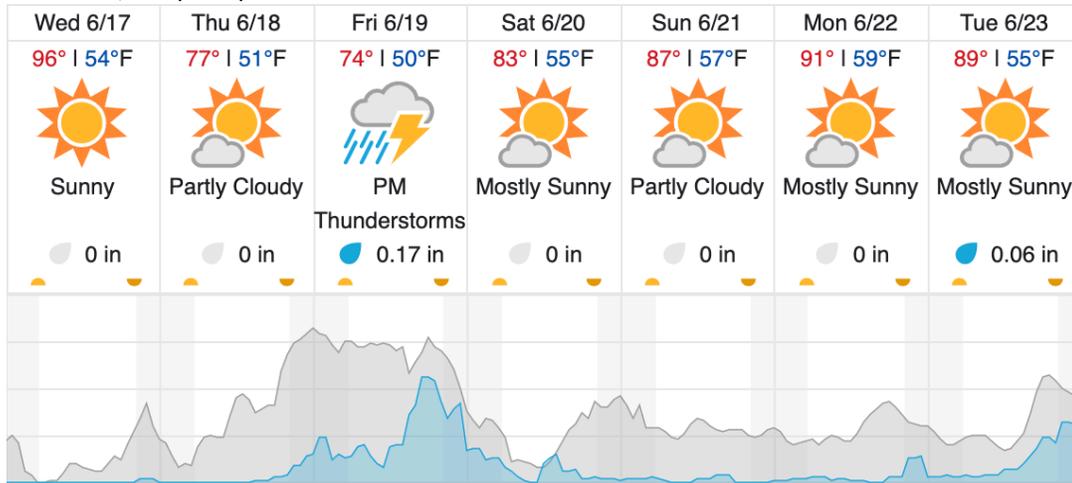
Nunn, CO (CPER)



Moab, UT (MOAB)



Arickaree, CO (ARIK)



Flight Collection Plan for 17 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 17 June 2020

Flyorities: Same as previous day

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