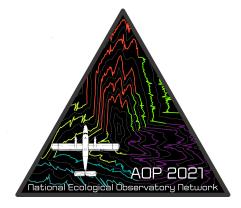


Payload 3 Daily Flight Report



Date: 2021-05-28

Flight Campaign ID: P3C1

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

Aircraft: N615AR

Domain: 10 (Central Plains)

Sites Flown: None Days left in Domain: 11

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes **Flight Hours**: 00:00

Spectrometer Operators: Cameron Chapman Hours until maintenance: 121.50

Pilots: Mark Solper, Stephen Brawders

Ground Crew: Matt Devoe

Summary

Overcast layer across the region this morning prevented flights at the start of the solar angle. As the layer eventually moved eastward opening up the sky, quickly building cumulus clouds filled in its place. No flights occurred.

Concerns

None

Comments

System will be shut down after any potential flights tomorrow.

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)

2 2 0 0 2																			
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												

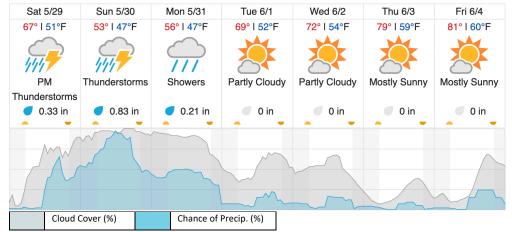
Flown: 39% (11/28) Green: 36% (10/28) Yellow: 4% (1/28) Red: 0% (0/28)

D10|STER (Sterling Agricultural Site)

210 512 K (Sterming 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: 52% (13/25) Green: 52% (13/25) Yellow: 0% (0/25) Red: 0% (0/25)

Weather Forecast



source: wunderground.com

Flight Collection Plan for 29 May 2021

Flyority 1

Collection Area: Central Plains Ecological Range (CPER)

Flight Plan Name: D10_CPER_C1_P1_v6_Q780

On-station Time: 1500 UTC / 0900 L

Flyority 2

Collection Area: Sterling Agricultural Site (STER) Flight Plan Name: D10_STER_R1_P1_v3_Q780

On-station Time: 1450 UTC / 0850 L

Flyority 3

Collection Area: Arikaree River (ARIK)

Flight Plan Name: D10_ARIK_A1_P2_ v3_Q780

On-station Time: 1510 UTC / 0910 L

Flyority 4

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

On-station Time: 1510 UTC / 0910 L

Flight Crew: Cam (Lidar), Mitch (NIS)