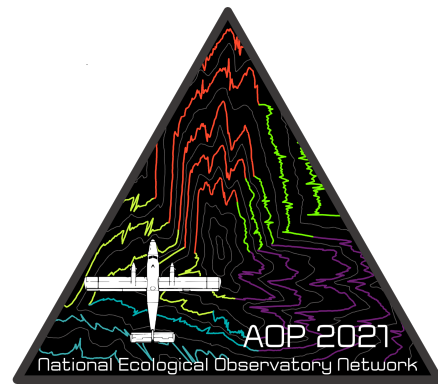




Payload 3 Daily Flight Report



Date: 2021-06-01
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: 7

Report Author: Matt DeVoe
Lidar Operators: Matt DeVoe **Flight Hours:** 00:00
Spectrometer Operators: Abe Morrison **Hours until maintenance:** 121.52
Pilots: Mark Solper, Vibeke Gaard

Summary

The Spectrometer focal plane was cooled to 136K and disconnected from the pump. Cloud cover and rain showers across the region prevented any potential flights.

Concerns

None

Comments

None

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

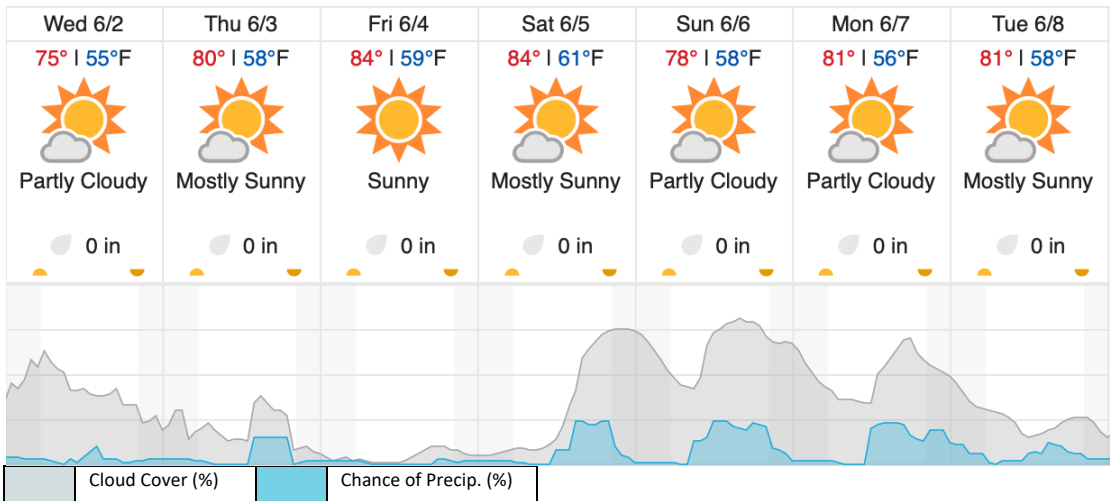
D10|STER (Sterling Agricultural Site)

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

Boulder, CO



source: wunderground.com

Flight Collection Plan for June 2 2021

Continue to Cool payload Then:

Flyority 1

Collection Area: Central Plains Ecological Range (CPEP)

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: Abe (Lidar), Matt (NIS), Nick (ground)