Payload 2 Daily Flight Report

Date: 2020-08-03
Flight Campaign ID: P2C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13 (Southern Rockies & Colorado Plateau)
Sites Flown: None
Days left in Domain: 08

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Michael Wussow
Pilots: Justin Eddington, Stephen Brawders
Ground Crew: Robb Walker

Flight Hours: 00:24
Hours until maintenance: 32.21
GPS Instruments: None

Summary

Once airborne, the cirrus clouds continued to drive south creating unfavorable conditions, and the cumulus began to appear. No data collected.

Concerns

NIS went into Safe Mode multiple times in pre-flight. Reset the entire system and all okay.

Comments

None.

Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

Cumulative Domain Coverage

D13|NIWO (Niwot Ridge Mountain Research Station)

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	40
41	42	43	44	45	46	47	48	49	50	51	52								

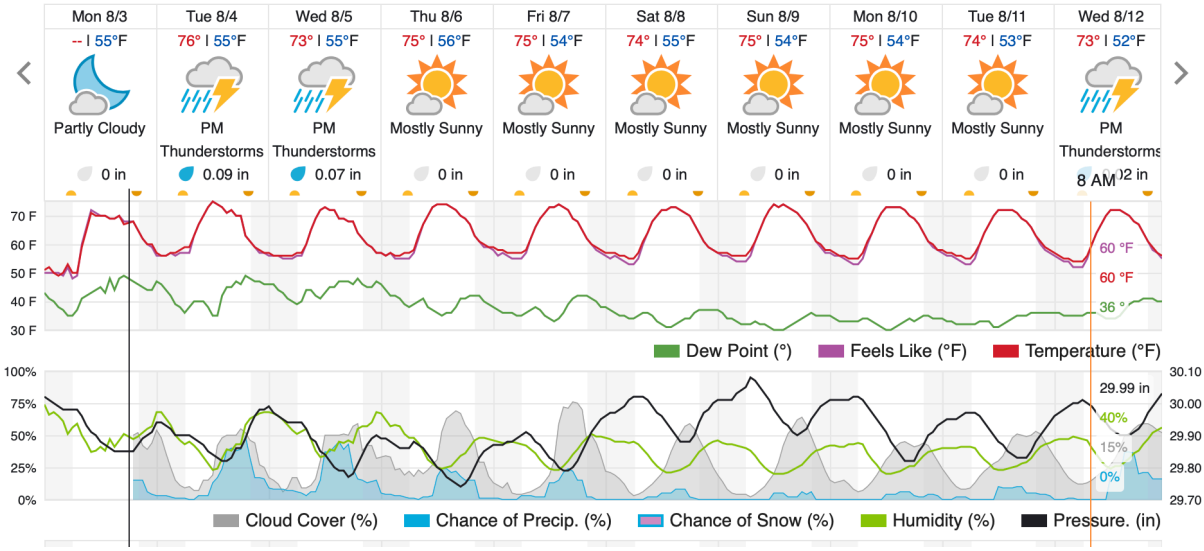
Flown: 73% (38/52)
Green: 73% (38/52)
Yellow: 0% (0/52)
Red: 0% (0/52)

D13|WLOU (West St. Louis Creek)

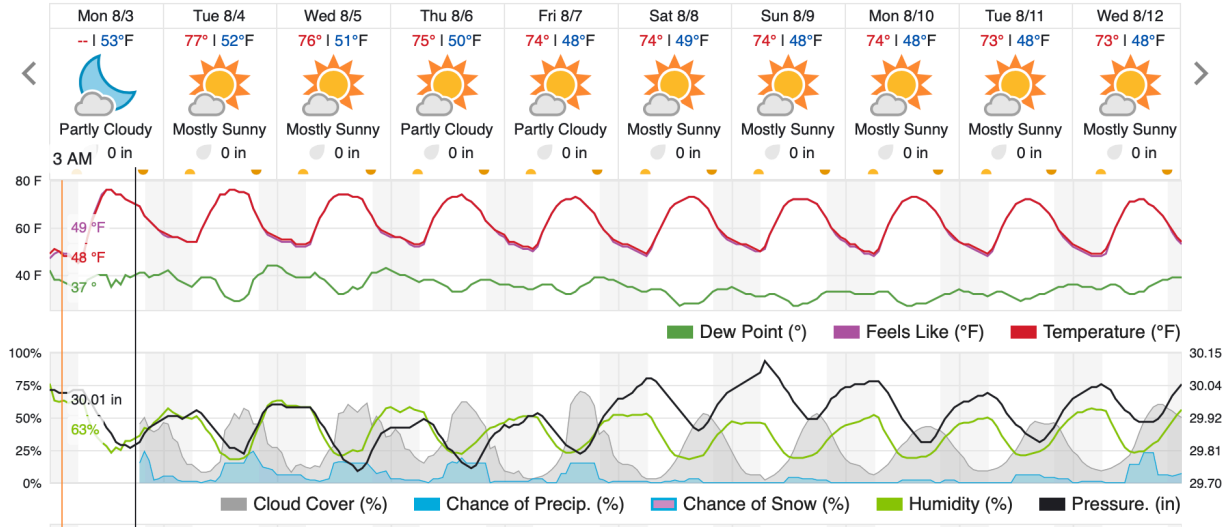
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Flown: 100% (14/14)
Green: 57% (8/14)
Yellow: 43% (6/14)
Red: 0% (0/14)

Weather Forecast
Nederland, CO



Fraser, CO



Flight Collection Plan for 04 August 2020
Flyority 1
Collection Area: Niwot Ridge Mountain Research Station (NIWO), Lines 5-19
Flight Plan Name: D13_NIWO_C1_P1_v4.pln
On-station Time: 0940 – 1640 Local / 1540 – 2240 UTC
Flyority 2
Collection Area: West St Louis Creek (WLOU), Lines 10-14 if conditions are “green”
Flight Plan Name: D13_WLOU_A1_P1_v1.pln
On-station Time: 0950 – 1640 Local / 1550 – 2240 UTC
Crew Members: Mike (Lidar), John (NIS), Robb (Ground)

Flight Collection Plan for 05 August 2020
Flyority: Same as Previous Day
Crew Members: Robb (Lidar), Ivana (NIS), Mike (Ground)