Payload 2 Daily Flight Report

Date: 2020-08-02
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: 09

Report Author: Michael Wussow
Lidar Operators: John Adler   **Flight Hours**: 00:00
Spectrometer Operators: John Adler   **Hours until maintenance**: 32.45
Pilots: Justin Eddington, Stephen Brawders   **GPS Instruments**: None
Ground Crew: Robb Walker

Summary
A band of cirrus streamed over the northern Colorado Rockies this morning before cumulus clouds and thunderstorms developed later in the day. No flights were conducted.

Concerns
None

Comments
None

Pictures

Skies this morning seen from Nederland, CO. Photo by John Adler

Daily Coverage

Estimated Cloud Cover Key

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

Mon 8/3	Tue 8/4	Wed 8/5	Thu 8/6	Fri 8/7
75° I 55°F	77° I 54°F	75° I 55°F	74° I 55°F	75° I 55°F
PM Thunderstorms	PM Thunderstorms	PM Thunderstorms	PM Thunderstorms	Mostly Sunny
0.06 in	0.04 in	0.03 in	0.07 in	0 in

Fraser, CO

Mon 8/3	Tue 8/4	Wed 8/5	Thu 8/6	Fri 8/7
77° I 52°F	75° I 50°F	76° I 50°F	72° I 49°F	74° I 48°F
Partly Cloudy	Mostly Sunny	Mostly Sunny	Partly Cloudy	Mostly Sunny
0 in	0 in	0 in	0 in	0 in
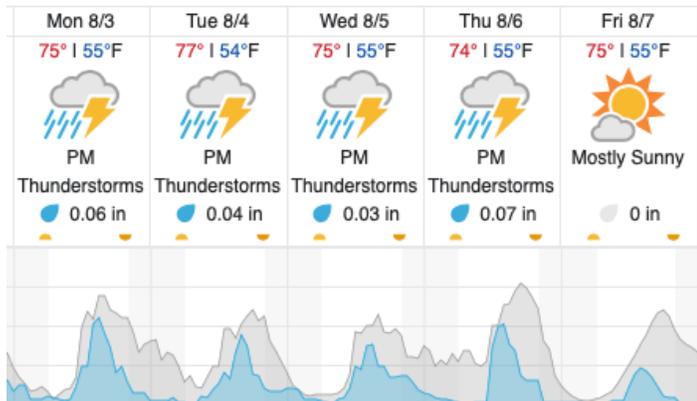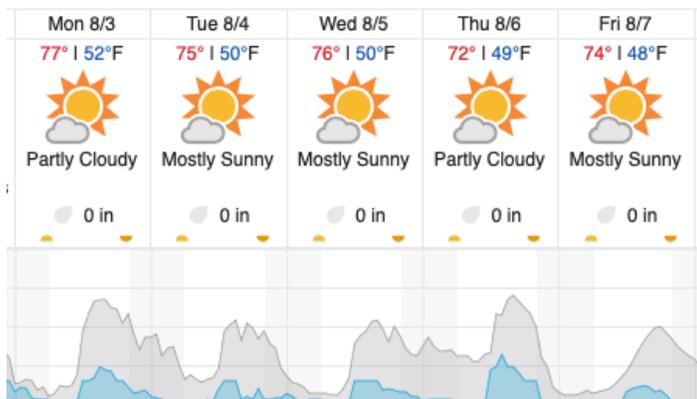
Flight Collection Plan for 03 August 2020
Flyority 1
Collection Area: Niwot Ridge Mountain Research Station (NIWO), Lines 5-19
Flight Plan Name: D13_NIWO_C1_P1_v4.pln
On-station Time: 0940 – 1640 Local / 1540 – 2240 UTC
Flyority 2
Collection Area: West St Louis Creek (WLOU), Lines 10-14 if conditions are "green"
Flight Plan Name: D13_WLOU_A1_P1_v1.pln
On-station Time: 0950 – 1640 Local / 1550 – 2240 UTC
Crew Members: John (Lidar), Mike (NIS), Robb (Ground)

Flight Collection Plan for 04 August 2020
Flyority: Same as Previous Day
Crew Members: Mike (Lidar), John (NIS), Robb (Ground)