



Payload 2 Daily Flight Report



Date: 2020-08-04

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: 07

Report Author: Michael Wussow

Lidar Operators: Michael Wussow

Flight Hours: 00:31

Spectrometer Operators: John Adler

Hours until maintenance: 31.70

Pilots: Justin Eddington, Stephen Brawders

GPS Instruments: None

Ground Crew: Robb Walker

Summary

Thick clouds this morning lingered, then dissipated, leaving a small window of opportunity that quickly gave way to cumulus cover. A flight attempt was made, but conditions were thought to be sub-par for “green” data and the flight was terminated before any data was collected.

Concerns

None

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
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Flown: 100% (14/14)

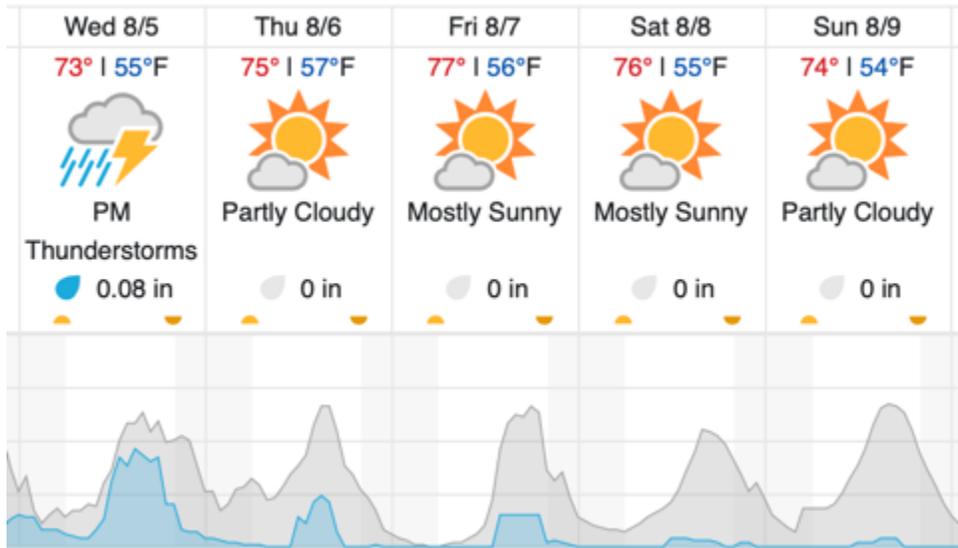
Green: 57% (8/14)

Yellow: 43% (6/14)

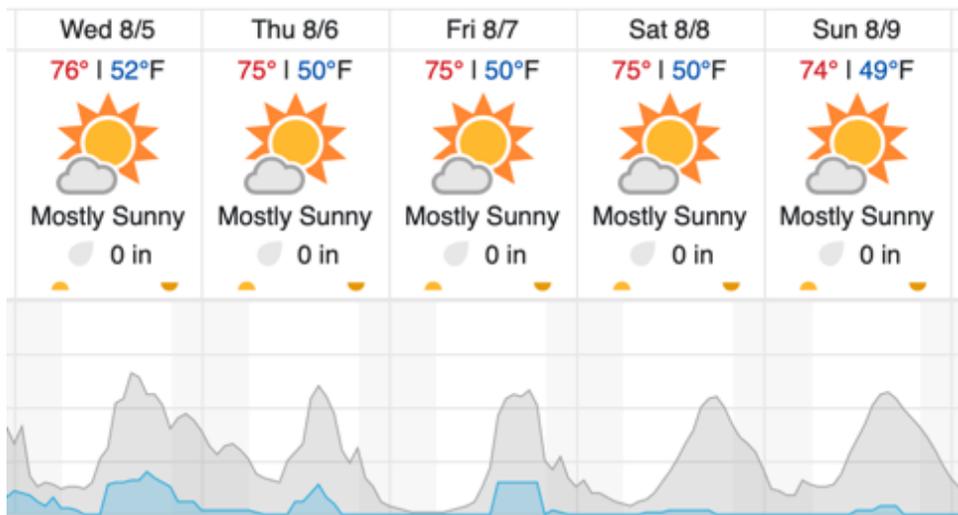
Red: 0% (0/14)

Weather Forecast

Nederland, CO



Fraser, CO



Flight Collection Plan for 05 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: 0950 – 1630 Local / 1550 – 2230 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 – 1630 Local / 1550 – 2230 UTC

Crew Members: Robb (Lidar), Ivana (NIS), Mike (Ground)

Flight Collection Plan for 06 August 2020

Flyority: Same as Previous Day

Crew Members: Ivana (Lidar), Robb (NIS), Mike (Ground)