



Payload 2 Daily Flight Report



Date: 2020-07-21

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: 21

Report Author: Michael Wussow

Lidar Operators: Michael Wussow

Flight Hours: 00:39

Spectrometer Operators: John Adler

Hours until maintenance: 38.87

Pilots: Chad Evans, Stephen Brawders

GPS Instruments: 05 - NIWO, AOP_KBDU

Ground Crew: Robb Walker

Summary

Once the low cloud bank on the foothills cleared, an attempt was made at NIWO and WLOU today as satellite and on the ground photos showed ideal conditions. After becoming airborne conditions shifted for the worse and the flight was aborted with many survey days remaining in D13.

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: 48% (25/52)

Green: 48% (25/52)

Yellow: 0% (0/52)

Red: 0% (0/52)

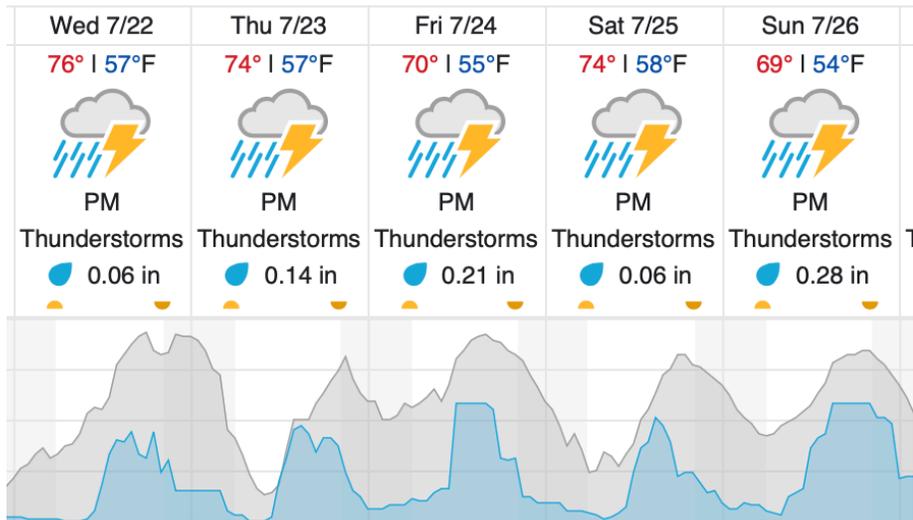
D13 | WLOU (West St. Louis Creek)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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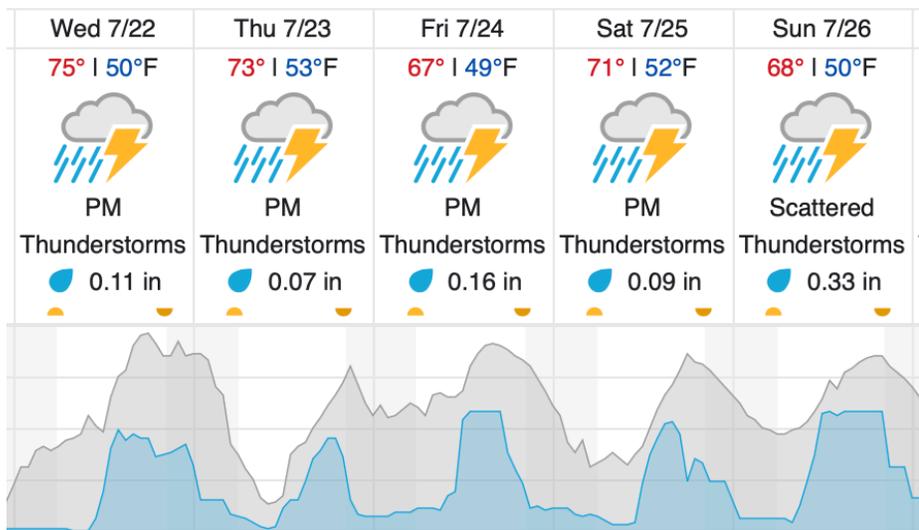
Flown: 0% (0/14)
 Green: 0% (0/14)
 Yellow: 0% (0/14)
 Red: 0% (0/14)

Weather Forecast

Nederland, CO (NIWO)



Fraser, CO (WLOU)



	Cloud Cover (%)		Chance of Precip. (%)
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Flight Collection Plan for 22 July 2020

Flyority 1

Collection Area: Niwot Ridge Mountain Research Station (NIWO), Lines 2-28

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)

Flight Plan Name: D13_WLOU_A1_P1_v1.pln

On-station Time: 0940 – 1640 Local / 1540 – 2240 UTC

Crew: John (Lidar), Mike (NIS), Robb (Ground)

Flight Collection Plan for 23 July 2020

Flyority: Same as previous day

Crew: Mike (Lidar), John (NIS), Robb (Ground)

Flight Collection Plan for 24 July 2020

Flyority: Same as previous day

Crew: John (Lidar), Robb (NIS), Ivana (Ground)