



Payload 2 Daily Flight Report



Date: 2020-07-27
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: 15

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Spectrometer Operators: Michael Wussow
Pilots: Stephen Brawders, Chad Evans
Ground Crew: Robb Walker
Flight Hours: 00:00
Hours until maintenance: 38.87
GPS Instruments: None

Summary

Crew towed out in hopes of collecting data at NIWO, however, by the start of the 40-degree solar angle, cumulus clouds were developing at the site. No flights were attempted.

Concerns

None

Comments

Hg Lamp Test completed for D13

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

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)

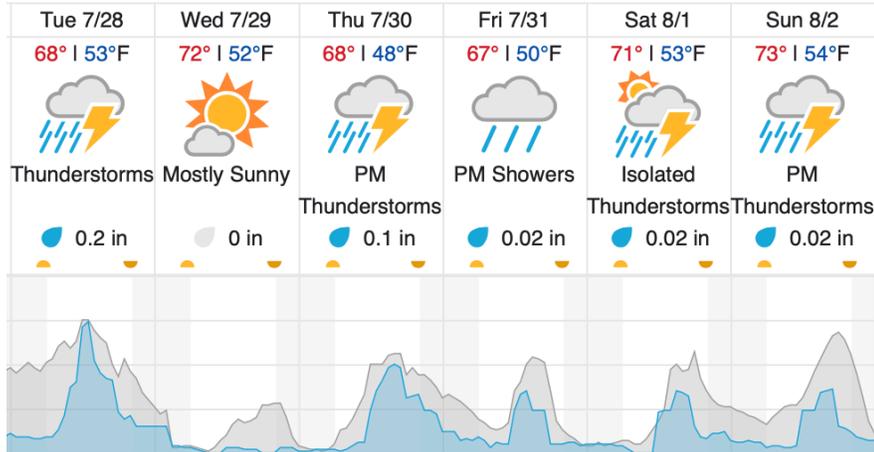
D13 | WLOU (West St. Louis Creek)

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

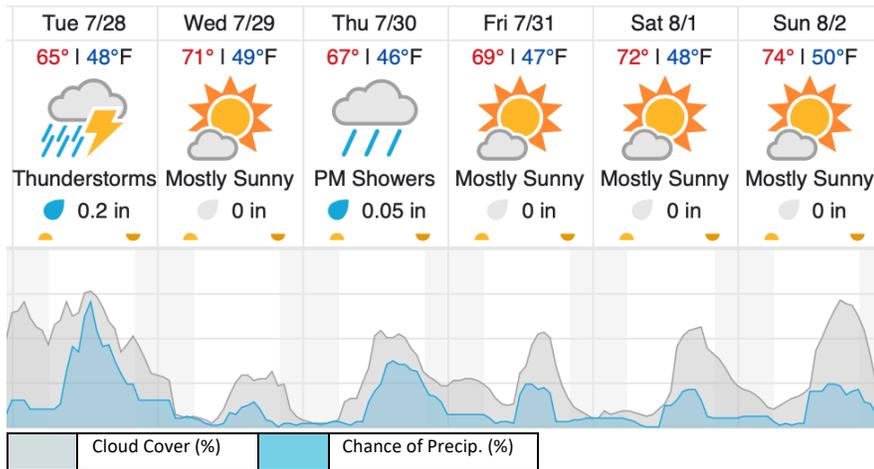
Flown: 0% (0/14)
Green: 0% (0/14)
Yellow: 0% (0/14)
Red: 0% (0/14)

Weather Forecast

Nederland, CO (NIWO)



Fraser, CO (WLOU)



Flight Collection Plan for 28 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 Members: Mike (Lidar), Ivana (NIS), John (Ground)

Flight Collection Plan for 29 July 2020

Flyority: Same as Previous Day

Ivana (Lidar), Mike (NIS), John (Ground)