



Payload 2 Daily Flight Report



Date: 2020-08-06

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: 5

Report Author: Ivana Vu

Lidar Operators: Ivana Vu

Spectrometer Operators: Robb Walker

Pilots: Justin Eddington, Stephen Brawders

Ground Crew: Ivana Vu

Flight Hours: 00:00

Hours until maintenance: 31.53

GPS Instruments: None

Summary

No flights were conducted today as cumulus and cirrus clouds persisted at all sites.

Concerns

None

Comments

Satellite Overpass and BRDF engineering flights at CPER (Central Plains Ecological Range, D10) have been added to the flight priorities and will be attempted when the weather permits.

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: 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)

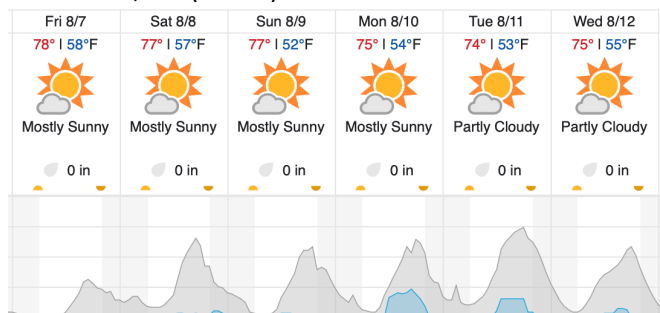
Green: 57% (8/14)

Yellow: 43% (6/14)

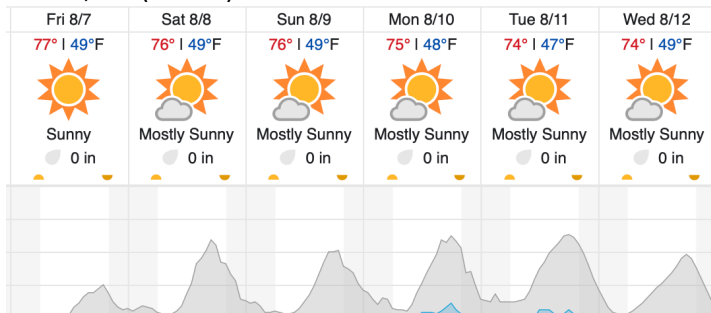
Red: 0% (0/14)

Weather Forecast

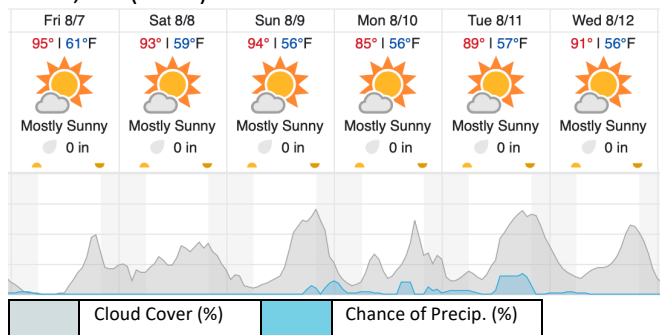
Nederland, CO (NIWO)



Fraser, CO (WLOU)



Nunn, CO (CPER)



Flight Collection Plan for 07 August 2020

Flyority 1

Collection Area: Niwot Ridge Mountain Research Station (NIWO), Lines 6-19

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

Flyority 3

Collection Area: D10 BRDF Flight – Central Plains Ecological Range

Flight Plan Name: D10_F10A_BRDF_v1.pln

On-station Time: 0950 – 1620 Local / 1550 – 2220 UTC

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

Flight Collection Plan for 08 August 2020

Flyority: Same as previous day

Crew members: Ivana (Lidar), Mike (NIS), John (Ground)