



Payload 2 Daily Flight Report



**Date:** 2020-08-05  
**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:** 6

**Report Author:** Robb Walker  
**Lidar Operators:** Robb Walker                      **Flight Hours:** 00:00  
**Spectrometer Operators:** Ivana Vu                      **Hours until maintenance:** 31.53  
**Pilots:** Justin Eddington, Stephen Brawders   **GPS Instruments:** 05 - NIWO, AOP\_KBDU  
**Ground Crew:** Michael Wussow

**Summary**

The day looked promising this morning, as the sun rose and clouds began to dissipate. Crew mobilized to be ready for any opportunity, however small, to collect remaining lines under green conditions. After towing out high cirrus began to move in over all sites followed by cumulus. No flights conducted.

**Concerns**

None

**Comments**

None

**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)

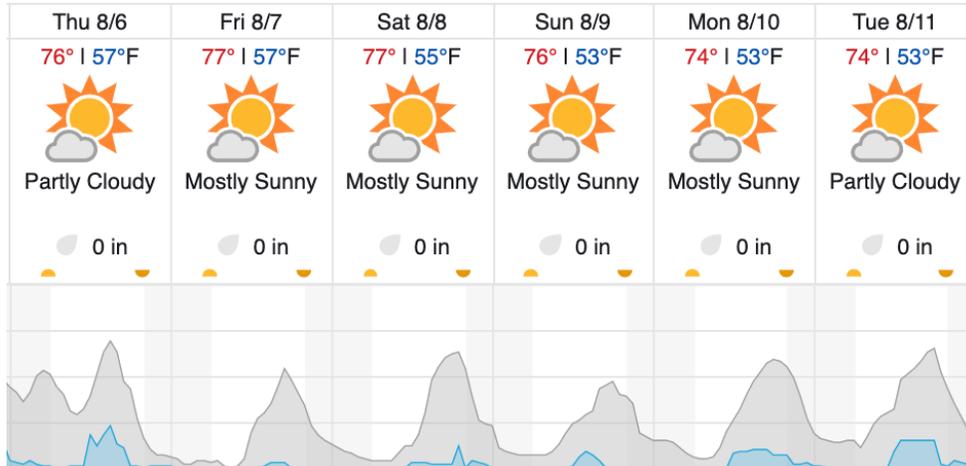
D13 | WLOU (West St. Louis Creek )

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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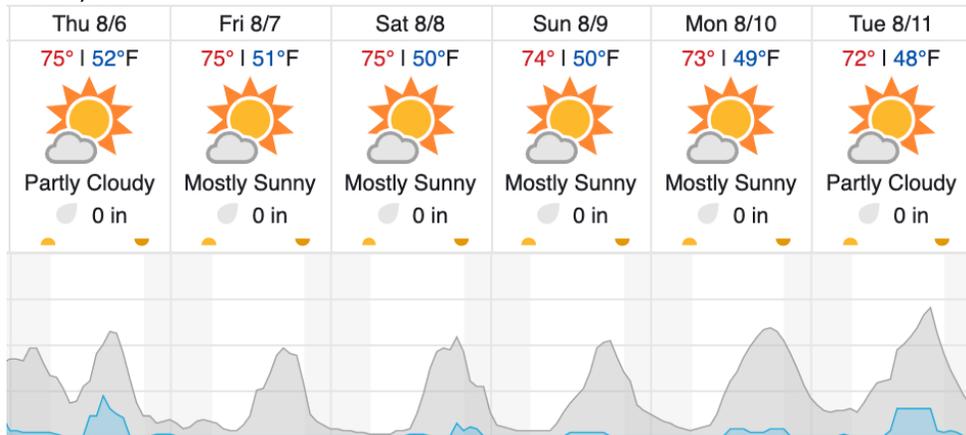
Flown: 100% (14/14)  
 Green: 57% (8/14)  
 Yellow: 43% (6/14)  
 Red: 0% (0/14)

## Weather Forecast

Nederland, CO



Fraser, CO



### Flight Collection Plan for 06 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: Ivana (Lidar), Robb (NIS), Mike (Ground)

### Flight Collection Plan for 07 August 2020

Flyority: Same as Previous Day

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