



## Payload 2 Daily Flight Report



**Date:** 2020-07-16

**Flight Campaign ID:** P2C1

**Airport, FBO ID, City:** Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT  
Southwest Wyoming Regional Airport (KRKS) - Rock Springs, CO  
Boulder Municipal Airport (KBDU) – Boulder, CO

**Domain:** 13 (Southern Rockies & Colorado Plateau)

**Sites Flown:** Transit

**Days left in Domain:** 17

**Report Author:** Ivana Vu

**Lidar Operators:** Ivana Vu

**Spectrometer Operators:** None

**Pilots:** Stephen Brawders, Will Matthews

**Ground Crew:** John Adler, Matt Devoe

**Flight Hours:** 01:58, 01:39

**Hours until maintenance:** 42.73

**GPS Instruments:** None

### Summary

Crew completed the transit from Bozeman to Boulder and is prepared to start D13 data collection flights tomorrow if the weather permits.

### Concerns

None

### Comments

Robb and Mike set up GPS05 (NIWO) and GPS01 (WLOU)

### Pictures

Hot springs in Yellowstone National Park



Grand Teton National Park



Mike Wussow setting up the GPS base station in Granby, CO (Photo by Robb Walker)



### 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: 0% (0/52)

Green: 0% (0/52)

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)

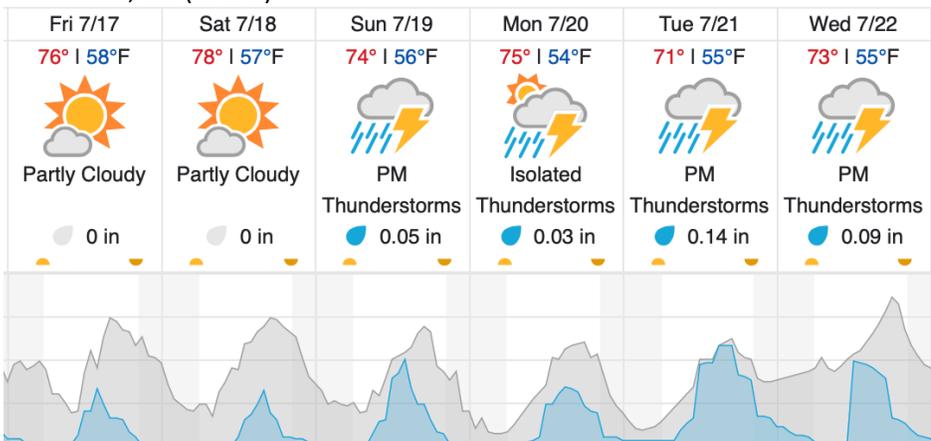
Green: 0% (0/14)

Yellow: 0% (0/14)

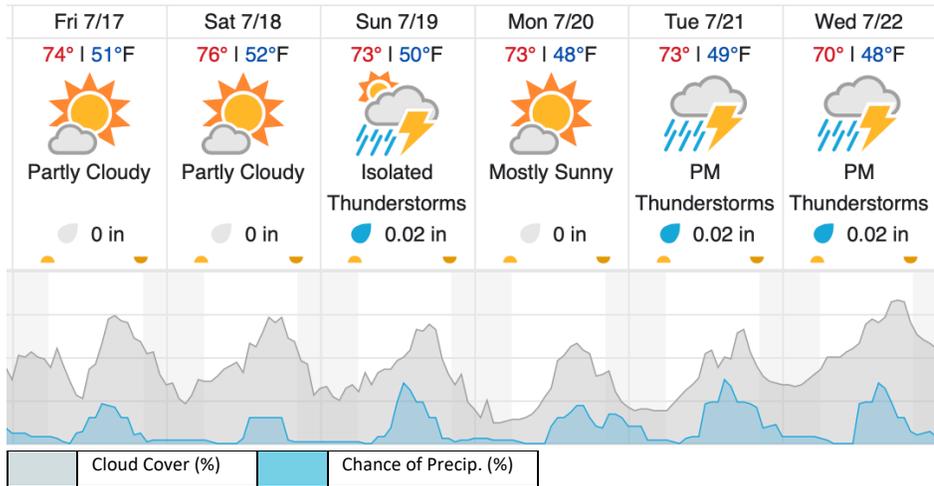
Red: 0% (0/14)

### Weather Forecast

Nederland, CO (NIWO)



Fraser, CO (WLOU)



**Flight Collection Plan for 17 July 2020**

**Flyority 1**

Collection Area: Niwot Ridge Mountain Research Station (NIWO)

Flight Plan Name: D13\_NIWO\_C1\_P1\_v4.pln

On-station Time: 0930 – 1640 Local / 1530 – 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: Mike (Lidar), Ivana (NIS), Robb (Ground)

**Flight Collection Plan for 18 July 2020**

Flyority: Same as previous day

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

**Flight Collection Plan for 19 July 2020**

Flyority: Same as previous day

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