



August 18, 2019 Payload 3 Daily Flight Report



**Date:** 2019-08-18  
**Flight Campaign ID:** 2019\_P3C1  
**Airport, FBO ID, City:** Boulder Municipal Airport (KBDU) - Boulder, CO

**Domain:** 13  
**Sites Flown:** NIWO (Niwot Ridge Mountain Research Station)  
**Days left in Domain:** 8

**Report Author:** Elissa Barris  
**Flight Crew:** Elissa Barris, Matt Devoe  
**Ground/GPS:** Matt DeVoe  
**Pilots:** Shelby Schulz, Chad Evans  
**Additional Personnel:** None  
**GPS Instruments:** 01 - FBO\_KBDU, 03 - NIWO  
**Flight Hours:** 00:49  
**Hours until maintenance:** 57.60

**Summary**

By the time clouds over KBDU permitted take off, conditions were yellow-red and windy on site. The first line was flown at 135kn ground speed, and the second line was aborted due to wind conditions. No collection data will be extracted for this flight.

**Concerns** - None

**Comments** - None

**Flight Screenshots** - None

**Pictures** - None

**Daily Coverage** - None

**Cumulative Domain Coverage**

**MOAB**

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											

Flown: 55% (16/29)  
 Green: 0% (0/29)  
 Yellow: 55% (16/29)  
 Red: 0% (0/29)

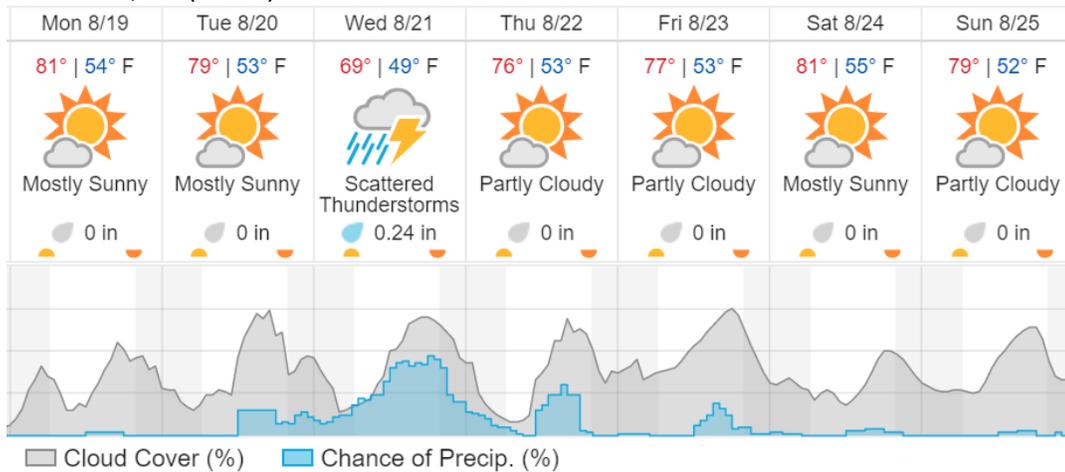
**NIWO**

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								

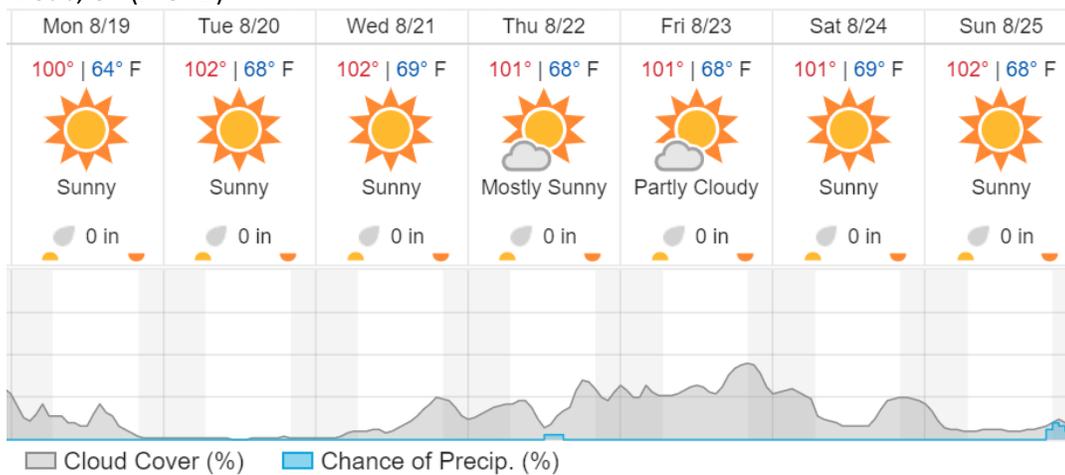
Flown: 37% (19/52)  
 Green: 35% (18/52)  
 Yellow: 6% (3/52)  
 Red: 0% (0/52)

## Weather Forecast

### Nederland, CO (NIWO)



### Moab, UT (MOAB)



## Flight Collection Plan for 19 August 2019

**Crew:** Matt DeVoe (Lidar), Elissa Barris (NIS/Ground)

### Flyority 1

Collection Area: Niwot Ridge Mountain Research Station (NIWO)

Flight Plan Name: D13\_NIWO\_C1\_P1\_v5\_Q780

On-Station Time: 1600 – 2220 UTC / 1000 – 1620 L

### Flyority 2

Collection Area: Moab (MOAB)

Flight Plan Name: D13\_MOAB\_R1\_P1\_v3\_Q780

On-Station Time: 1610 – 2240 UTC / 1010 – 1640 L

### Flyority 3

Collection Area: Sterling Agricultural Site (STER)

Flight Plan Name: D10\_STER\_R1\_P1\_v3\_Q780

On-Station Time: 1550 – 2210 UTC / 0950 – 1610 L