



September 9, 2019 Payload 1 Daily Flight Report



**Date:** 2019-09-09

**Flight Campaign ID:** 2019\_P1C1

**Airport, FBO ID, City:** Boulder Municipal Airport (KBDU) - Boulder, CO

**Domain:** 00

**Sites Flown:** None

**Days left in Domain:** 8

**Report Author:** Matt DeVoe

**Flight Crew:** Nick Marusich, Matt DeVoe

**Flight Hours:** 00:00

**Ground/GPS:** John Adler

**Hours until maintenance:** 23.38

**Pilots:** Chad Evans, Wesley Wyatt

**Additional Personnel:**

**GPS Instruments:** None

**Summary**

Cumulous clouds and a pilot display connectivity issue prevented collections today.

**Concerns**

None

**Comments**

None

**Cumulative Domain Coverage**

**B10B**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Flown: 0% (0/20)

Green: 0% (0/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

**H10B**

1	2	3	4
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Flown: 0% (0/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

**O10A**

1	2
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Flown: 0% (0/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 0% (0/2)

### R10B

1	2	3	4	5
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Flown: 0% (0/5)  
 Green: 0% (0/5)  
 Yellow: 0% (0/5)  
 Red: 0% (0/5)

### W10B

1	2
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Flown: 100% (2/2)  
 Green: 0% (0/2)  
 Yellow: 0% (0/2)  
 Red: 100% (2/2)

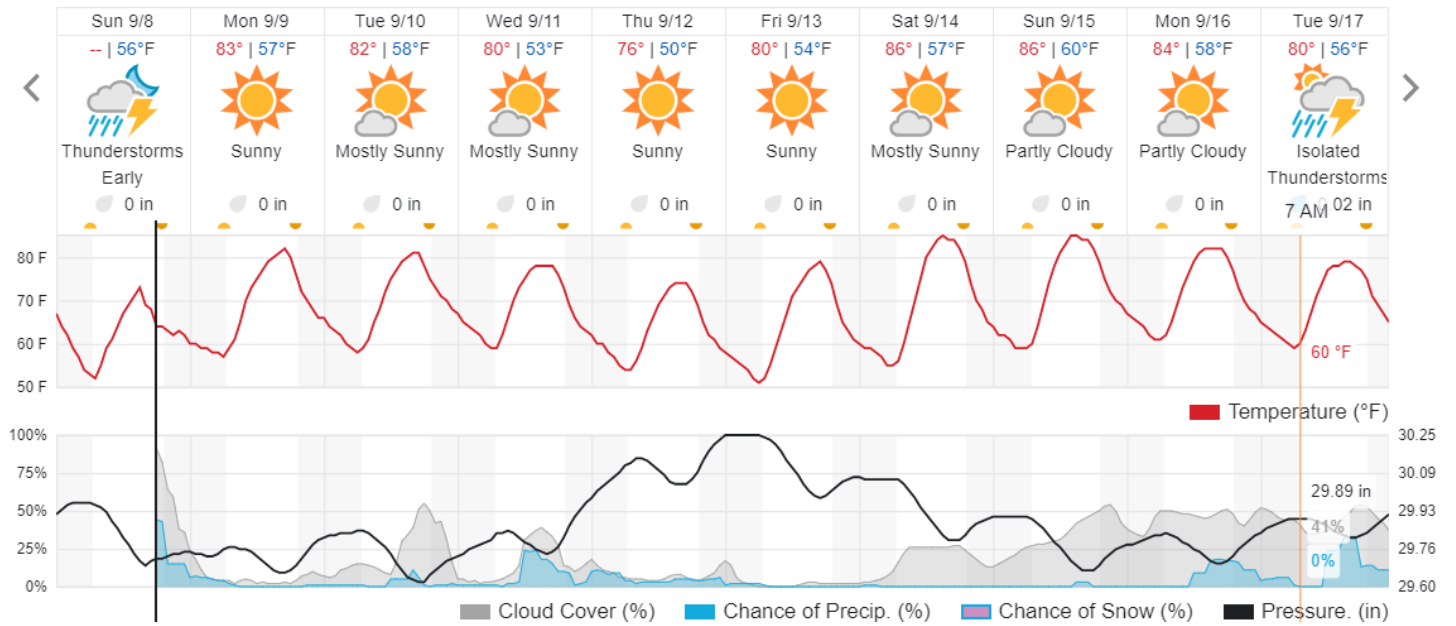
### N10C

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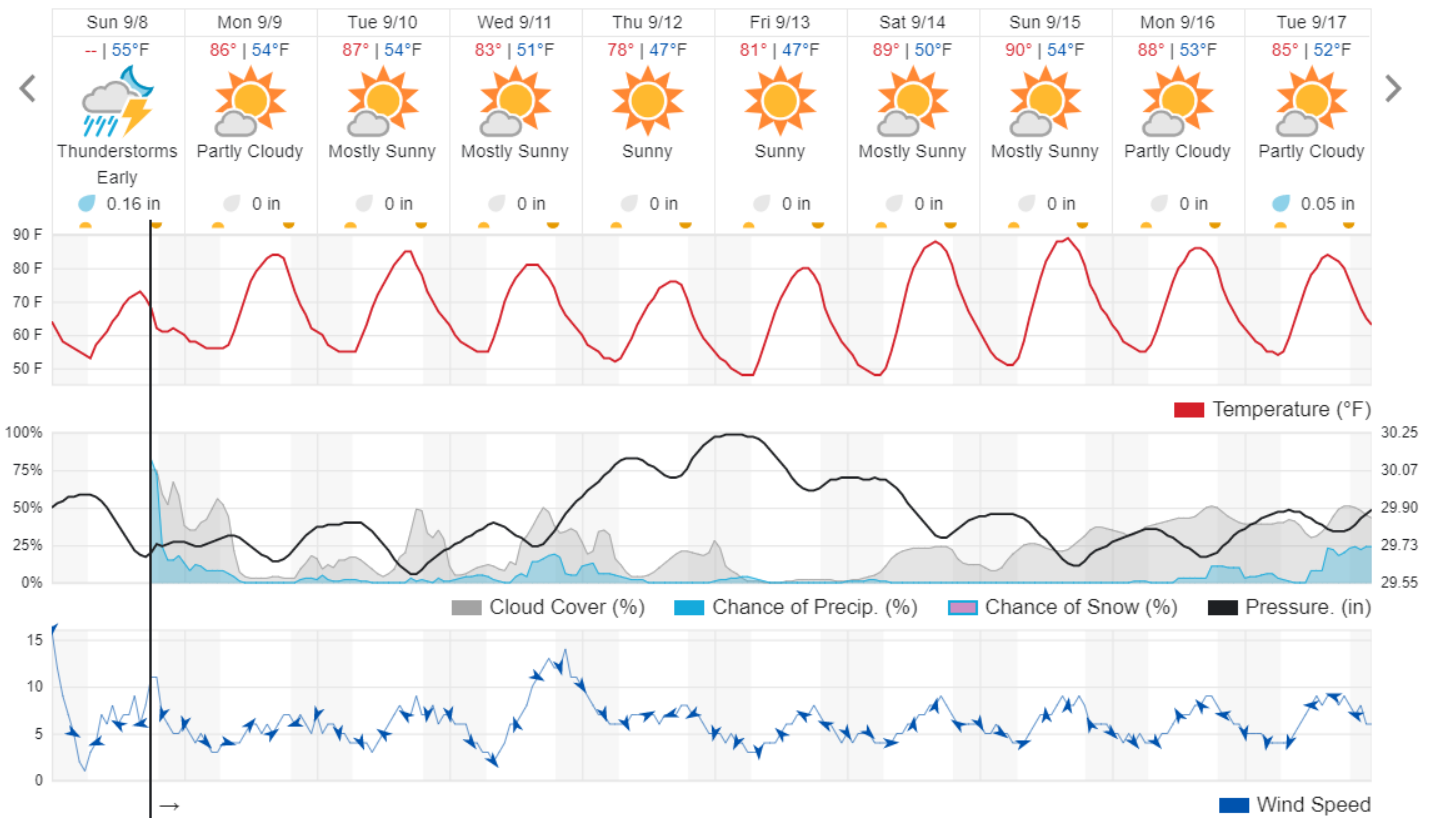
Flown: 100% (14/14)  
 Green: 0% (0/14)  
 Yellow: 0% (0/14)  
 Red: 100% (14/14)

### Weather Forecast

Boulder, CO



## Greeley, CO



### Flight Collection Plan for 10 September 2019

#### Calibration Flights

- B10B – Boresight/Geo-Cal – 40° solar angle time: 16:20 UTC/10:20 L
- R10A – Radiometric – 45° solar angle time: 16:50 UTC/10:50 L
- H10B – HQ LIDAR Validation – solar angle time: N/A
- O10A – NIS Offset – 40° solar angle time: 16:20 UTC/10:20 L

**Crew:** John Adler (Lidar), Matt DeVoe (NIS) - Text check-in @ 0800