



## March 12, 2019 Payload 2 Daily Flight Report



**Date:** 2019-03-12

**Flight Campaign ID:** 2019\_P2C1

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

**Domain:** 00

**Sites Flown:** V10C (Boulder City South)

**Days left in Domain:** 11

**Report Author:** Mitch Haynes

**Flight Crew:** Bridget Hass, Ivana Vu, Mitch Haynes, Nick Marusich,  
Cam Chapman

**Ground/GPS:** Matt DeVoe, Robb Walker

**Flight Hours:** 00:55

**Hours until maintenance:**  
114.77

**Pilots:** Mike Francis, Jeff Quintanilla

**Additional Personnel:**

**GPS Instruments:** 01 - BLAN, 01 - FBO\_KBDU

### Summary

No chance at a green collect for remaining calibration flights with a high layer of stratus and cumulus over Boulder. Mission focused back to training flights, with two flights being flown as we continued to re-certify crew members in anticipation of science collects.

### Concerns

- Camera trigger timing does not appear to be importing from flight plan into Phase-One iX camera software. Checklist will be adjusted for ASOs to manually check and change trigger time if needed.
- Test extraction on HTK2 for one of yesterday's training flights failed, and is in the process of being re-run.
- Snowstorm incoming will likely ground flights for the coming day(s). Be safe out there.

### Comments

- Recerts: Bridget and Nick re-certified on NIS. Ivana and Mitch re-certified on Lidar. Matt re-certified on Ground.
- There are no plans to extract data from today's training flights.

## Pictures



Above: Mountains above Boulder. Uncertain which one this is. Photo by Ivana Vu.

## Cumulative Domain Coverage

### B10B

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

Flown: 100% (20/20)

Green: 100% (20/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

### H10B

1	2	3	4
---	---	---	---

Flown: 100% (4/4)

Green: 0% (0/4)

Yellow: 0% (0/4)

Red: 100% (4/4)

### N10D

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															

Flown: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

### O10A

1	2
---	---

Flown: 0% (0/2)

Green: 0% (0/2)

Yellow: 0% (0/2)  
 Red: 0% (0/2)

**R10A**

1	2	3	4	5
---	---	---	---	---

Flown: 0% (0/5)  
 Green: 0% (0/5)  
 Yellow: 0% (0/5)  
 Red: 0% (0/5)

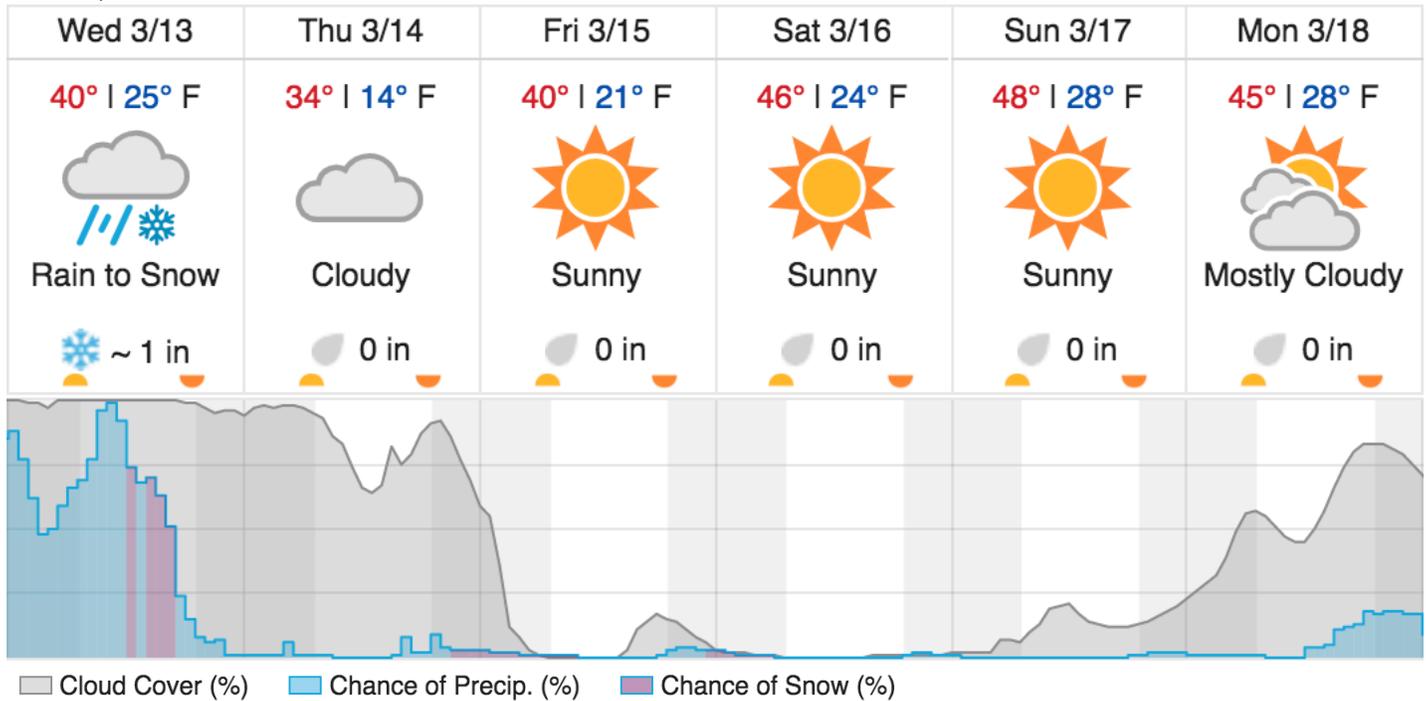
**W10B**

1	2
---	---

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

**Weather Forecast**

Boulder, CO



**Flight Collection Plan for 13 March 2019**

**Flyority 1**

Collection Area: Radiometric Calibration - Table Mountain  
 Flight Plan Name: D10\_R10A\_Radiometric\_Calibration\_Table\_Mountain\_v1.pln  
 On Station Time: 1220 Local / 1820 UTC (45 deg)

**Flyority 2**

Collection Area: NIS Offset  
 Flight Plan Name: D10\_O10A\_NIS\_Offset\_v1.pln  
 On Station Time: 1050 Local / 1650 UTC  
 Crew: **TBD**