



## Payload 2 Daily Flight Report



**Date:** 2020-06-09

**Flight Campaign ID:** P2C1

**Airport, FBO ID, City:** Rocky Mountain Metropolitan Airport (KBJC) - Broomfield, CO

**Domain:** 00 (Training & Calibration)

**Sites Flown:** None

**Days left in Domain:** 2

**Report Author:** Michael Wussow

**Lidar Operators:** Michael Wussow

**Spectrometer Operators:** Matthew DeVoe

**Pilots:** Stephen Brawders, Will Matthews

**Ground Crew:** None

**Flight Hours:** 00:00

**Hours until maintenance:** 101.97

**GPS Instruments:** None

### **Summary**

No flights were attempted due a wet morning, low clouds and forecasted high-winds. Shippable mission support items were sent to Bismarck today in preparation for Friday's departure. The crew for D09 has been finalized at Robb Walker and Mike Wussow.

### **Concerns**

None

### **Comments**

None

### **Daily Coverage**

None

## Cumulative Domain Coverage

Green: 0-10%	Yellow: 11-50%	Red: >50%
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### D00|B10B (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 500m)

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: 100% (20/20)

Green: 0% (0/20)

Yellow: 70% (14/20)

Red: 0% (0/20)

### D00|H10B (NEON Headquarters Lidar Test - modified cross-track)

1	2	3	4
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Flown: 100% (4/4)

Green: 50% (2/4)

Yellow: 50% (2/4)

Red: 0% (0/4)

### D00|N10C (Nominal Runway at KBDU - Optech)

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)

### D00|O10A (NIS Offset)

1	2
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Flown: 0% (0/2)

Green: 0% (0/2)

Yellow: 0% (0/2)

Red: 0% (0/2)

### D00|R10A (Table Mountain Radiometric Calibration)

1	2	3	4	5
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Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

### D00|W10B (Wiggle Timing Test)

1	2
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Flown: 100% (2/2)

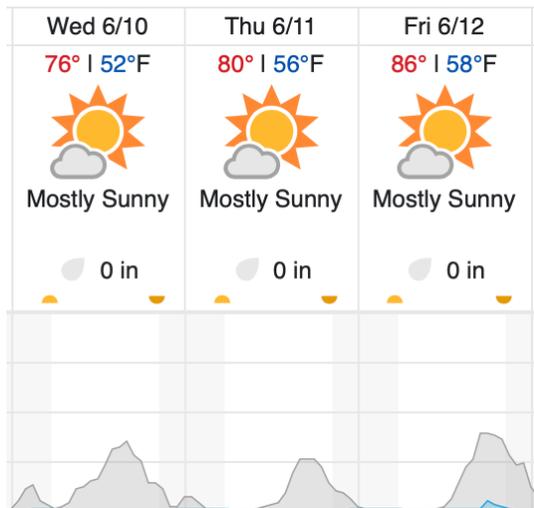
Green: 0% (0/2)

Yellow: 0% (0/2)

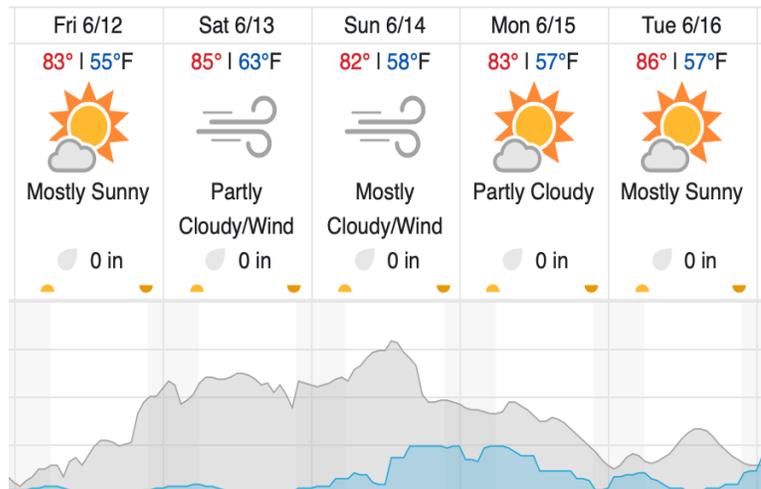
Red: 100% (2/2)

## Weather Forecast

Boulder, CO



D09 (Bismarck, ND)



## Flight Collection Plan for 09-11 June 2020

### Flyority 1

Collection Area: NIS Offset Flight

Flight Plan Name: D10\_O10A\_NIS\_Offset\_v1.pln

On-station Time: 0850 – 1730 Local / 1450 – 2300 UTC

### Flyority 2

Collection Area: Boulder City Nominal – Auto-Exposure Testing

Flight Plan Name: D10\_V10C\_Boulder\_City\_v6.pln

On-station Time: 0850 – 1730 Local / 1450 – 2300 UTC

Lines Remaining: Section 2 – Lines 9-13, Section 4 – Lines 25-28, Section 5 – Lines 17-19

### Crew

6/10: Ivana (Lidar), John (NIS)

6/11: Matt (Lidar), Ivana (NIS)

## Flight Collection Plan for 12 June 2020

6/12: Robb (Lidar), Mike (NIS)

Transit to D09 – Bismarck, ND