



Payload 2 Daily Flight Report



Date: 2020-06-08

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: 3

Report Author: Ivana Vu

Lidar Operators: Ivana Vu

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 to low clouds and forecasted thunderstorms. Crew is continuing to prepare for the transit to D09 (Bismarck, ND) which is currently scheduled for Friday.

Concerns

None

Comments

Hg Lamp Test completed

Daily Coverage

None

Cumulative Domain Coverage

Green:	Yellow:	Red:
0-10%	11-50%	>50%

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)

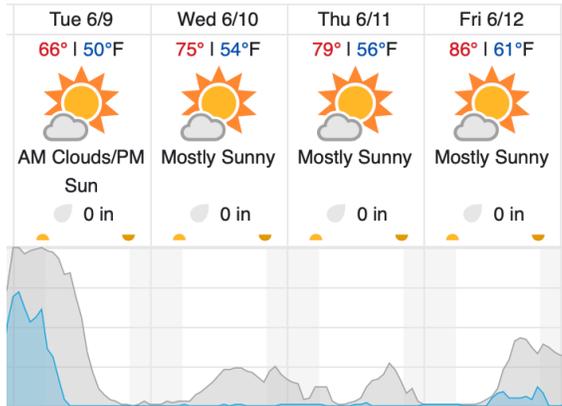
Green: 0% (0/2)

Yellow: 0% (0/2)

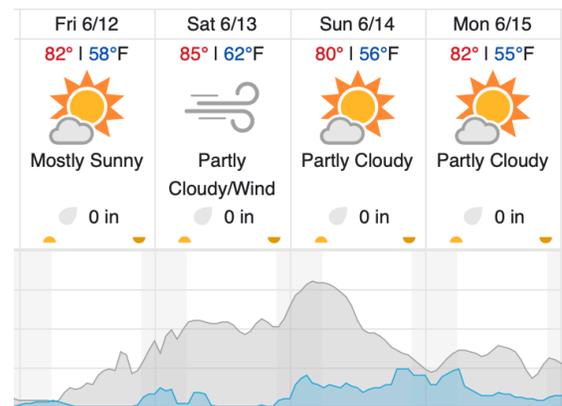
Red: 100% (2/2)

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

6/9: Mike (Lidar), Matt (NIS)

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