



Payload 3 Daily Flight Report



Date: 2023-04-08  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO  
Aircraft: N934MU

Domain: 00 (Training & Calibration)  
Sites Flown: None  
Days left in Domain: 10

Report Author: John  
Lidar Operators: n/a                      Flight Hours: 0.0  
Spectrometer Operators: n/a          Hours until maintenance: 119.33  
Pilots: Jeff, Cullen                      GPS Instruments: n/a  
Ground Crew: John

**Summary**

The payload continues to warm up.

**Concerns**

None.

**Comments**

Tomorrow morning John and Matt will begin the pumping and cooling of the payload.

**Daily Coverage**

Estimated Cloud Cover Key

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

**Cumulative Domain Coverage**

D00|B10E (Riegl Boresight Calibration - 1600m, 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: 0% (0/20)  
Green: 0% (0/20)  
Yellow: 0% (0/20)  
Red: 0% (0/20)

D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4
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Flown: 100% (4/4)  
Green: 0% (0/4)  
Yellow: 0% (0/4)  
Red: 100% (4/4)

D00|N10D (Nominal Runway at KBDU - Riegl)

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												

Flown: 0% (0/28)  
Green: 0% (0/28)  
Yellow: 0% (0/28)  
Red: 0% (0/28)

D00|O10B (NIS Offset - Riegl)

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

D00|R10C (Table Mountain Radiometric Calibration - Riegl)

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)

D00|R10D (Boulder Airport 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|V10C (Boulder City South)

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: 14% (4/29)  
Green: 0% (0/29)  
Yellow: 0% (0/29)  
Red: 14% (4/29)

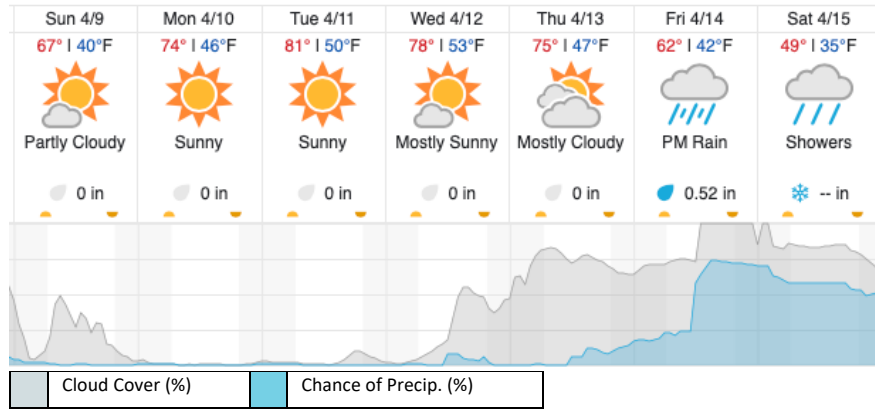
D00|W10C (Wiggle Timing Test - Riegl)

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



source: wunderground.com

## Flight Collection Plan for April 9th, 2023

No flights planned due to system warm up and lidar troubleshooting.