



Payload 3 Daily Flight Report



Date: 2023-04-14
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: 4

Report Author: Nick
Lidar Operators: n/a **Flight Hours:** 0.0
Spectrometer Operators: n/a **Hours until maintenance:** 112.9
Pilots: Paul, Jeff **GPS Instruments:** n/a
Ground Crew: John, Mike

Summary

Weather moved into the area with rain and snow showers. No flights were attempted.

Concerns

The team is awaiting a software update to potential resolve the lidar over current issue.

Comments

None

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: 100% (20/20)
 Green: 0% (0/20)
 Yellow: 0% (0/20)
 Red: 100% (20/20)

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: 64% (18/28)
 Green: 29% (8/28)
 Yellow: 4% (1/28)
 Red: 32% (9/28)

D00|O10B (NIS Offset - Riegl)

1 2

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

Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|R10D (Boulder Airport Radiometric Calibration)

1 2 3 4 5

Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

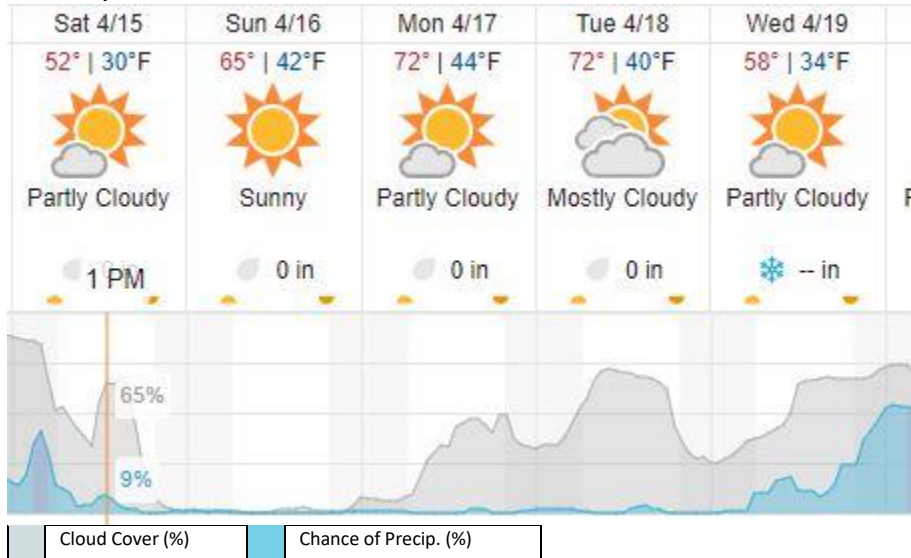
D00|W10C (Wiggle Timing Test - Riegl)

1 2

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 15th, 2023

Flyority 1

Collection Area: Nominal Runway Survey Flight Plan (Lines 1-8, 11-12, 25-28)

Name: D10_N10D_Nominal_Rnwy_v8_Q780

On-Station Time: Daylight – No solar angle restrictions.

Additional Considerations: Runway should not be wet or snow covered.

Flyority 2

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

35° On-station Time: 1540 UTC / 0940L

Crew: Nick (lidar), Matt (NIS)