



Payload 3 Daily Flight Report



Date: 2022-04-21

Flight Campaign ID: P3C1

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

Aircraft: N70AR

Domain: 00 (Training & Calibration)

Sites Flown: None

Days left in Domain: 4

Report Author: Mitch

Lidar Operators: Elissa **Flight Hours:** 00:00

Spectrometer Operators: **Hours until maintenance:** 112.45

Pilots: Nick , Jeremy

Ground Crew: Mitch

Summary

No flights conducted today as all calibration and recertification flights are complete.

Concerns

- Andrew and Ian continue to investigate the issues writing Photos and POS data onto MIDAS SSDs. Photo data may have been lost on two of our flights. ASOs instructed to be extra vigilant for this issue as we transiting into NEON Science collects and prepare for D15.
- One of the drives on RAID 2022_P3C1_01 in HK3 was corrupted and failed. A new drive was installed into the system and used to successfully rebuild the RAID. Yesterday's flight was successfully extracted this morning following the finished rebuilding of the RAID.

Comments

- N70AR will swap positions with N33AR tomorrow to conduct a Hg Lamp collect inside the hangar and begin process of packing the aircraft for the D15 transit to KSLC on Tuesday.

Pictures: N70AR sitting pretty while Payload 1 gets some work in today.



Cumulative Domain Coverage

D00|B10E (Riegl Borelight 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: 100% (4/4)
Yellow: 0% (0/4)
Red: 0% (0/4)

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: 86% (24/28)
Green: 0% (0/28)
Yellow: 11% (3/28)
Red: 75% (21/28)

D00|O10B (NIS Offset - Riegl)

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

D00|R10C (Table Mountain Radiometric Calibration - Riegl)

1	2	3	4	5
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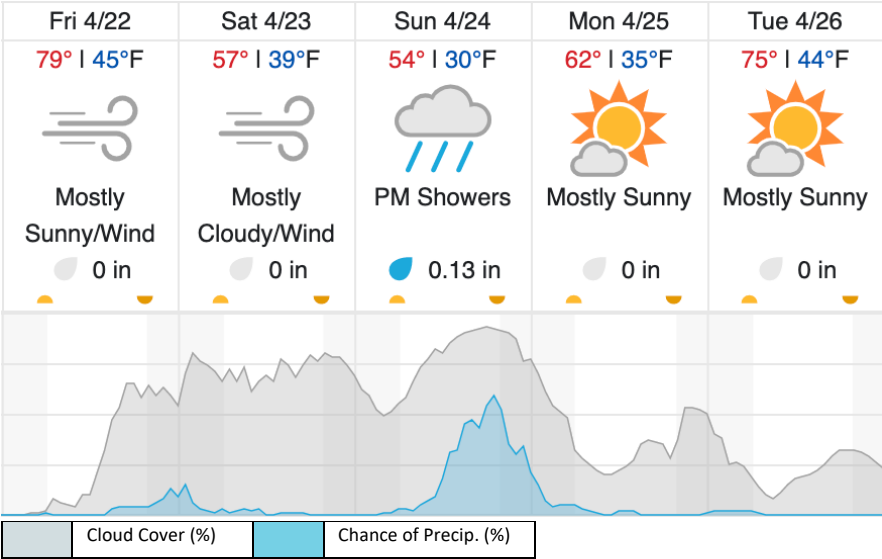
Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|W10C (Wiggle Timing Test - Riegl)

1 2

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

Weather Forecast



source: wunderground.com

Flight Collection Plan for 22-25 April 2022

No flights planned; finish preparations for D15

Flight Collection Plan for 26 April 2022

Transit to D15-KSLC
Crew: Abe