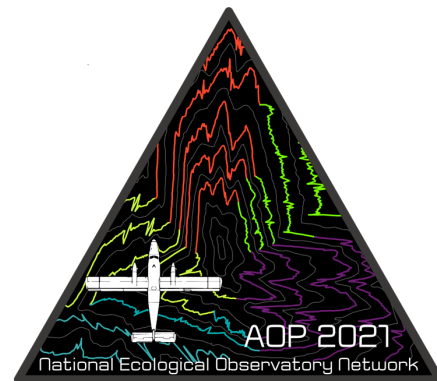




## Payload 3 Daily Flight Report



**Date:** 2021-04-17

**Flight Campaign ID:** P3C1

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

**Aircraft:** N615AR

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

**Sites Flown:** None

**Days left in Domain:** 0

**Report Author:** Mitch Haynes

**Lidar Operators:** Mitch Haynes

**Spectrometer Operators:** Elissa Barris

**Pilots:** Mark Solper, Vince Maarschalkerweerd

**Ground Crew:** Cameron Chapman

**Flight Hours:** 00:00

**Hours until maintenance:** 79.78

### Summary

Overcast and cloudy conditions throughout the day; no real opportunity for flying radiometric or NIS Offset. No flights conducted. Due to incoming inclement weather on Monday, aircraft will depart for Tuscaloosa and D08 tomorrow morning, one day earlier than scheduled.

### Concerns

None

### Comments

- Pilot Mark Solper departed today and will be replaced by Stephen Brawders.
- RAID 2021\_P3C1\_03 is complete and will be shipped on Monday.
- RAID 2021\_P3C1\_02 is currently being rebuilt in HK3 and will be re-shipped once complete.

**Pictures:** Latest Phenocam images from D08 showing DELA, TALL, and LENO (L to R) looking pretty green!



### 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: 100% (20/20)

Red: 0% (0/20)  
D00|H10C (NEON Headquarters Lidar Test - Riegl)

1	2	3	4
---	---	---	---

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: 86% (24/28)  
Green: 46% (13/28)  
Yellow: 0% (0/28)  
Red: 39% (11/28)

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
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Flown: 0% (0/5)  
Green: 0% (0/5)  
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: 31% (9/29)  
Green: 0% (0/29)  
Yellow: 0% (0/29)  
Red: 31% (9/29)

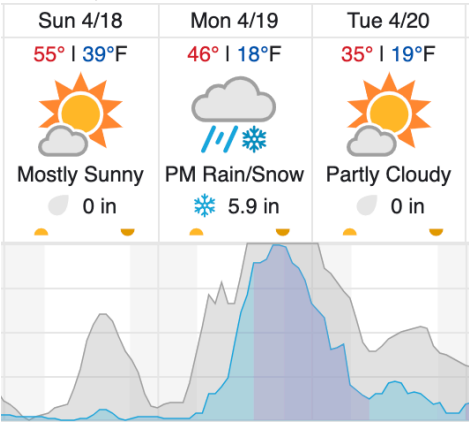
D00|W10C (Wiggle Timing Test - Riegl)

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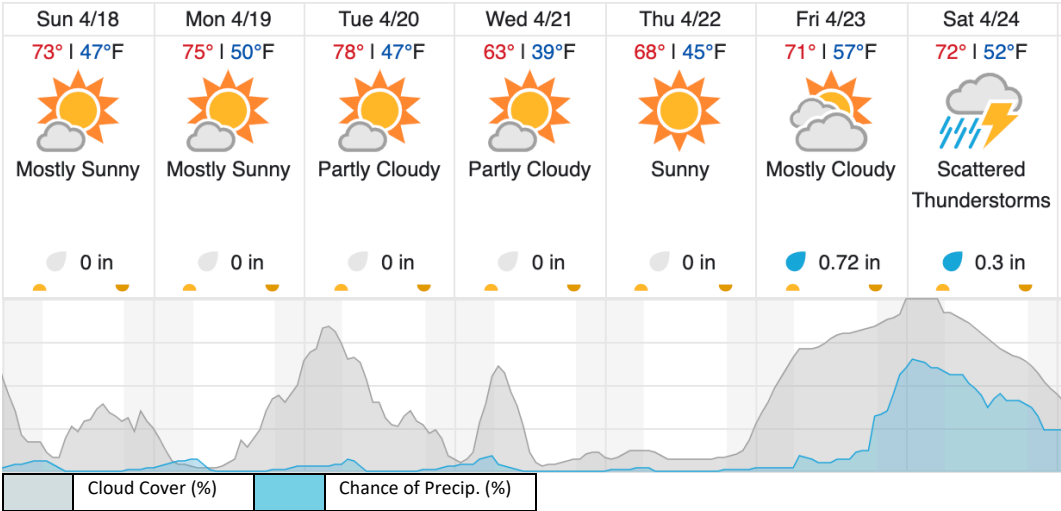
Flown: 100% (2/2)  
Green: 100% (2/2)  
Yellow: 0% (0/2)  
Red: 0% (0/2)

Weather Forecast

Boulder, CO



Tuscaloosa, AL



source: wunderground.com

Flight Collection Plan for 18 April 2021

Begin transit to D08

Flight Crew: Cam, Abe  
Ground Crew: Mitch, Elissa