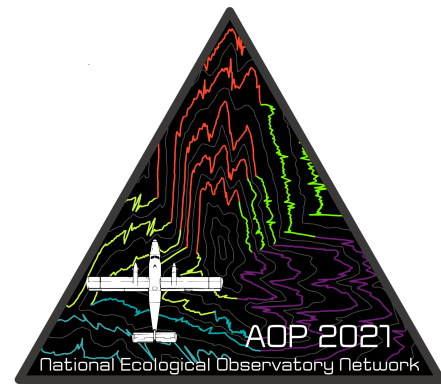




Payload 3 Daily Flight Report



Date: 2021-03-18

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: 11

Report Author: Robb Walker

Lidar Operators: None

Spectrometer Operators: None

Pilots: Justin Eddington, Micah Hoogeveen

Ground Crew: Ivana Vu, Matt Devoe, Robb Walker

Flight Hours: 00:00

Hours until maintenance: 123.10

Summary

The payload continued to cool today and should reach nominal specifications early tomorrow morning. We are on target to begin “shakeout” and training flights tomorrow, weather permitting. First flight crew takes over tomorrow morning.

Concerns

None

Comments

- Ian Crocker and Chris Faule replaced Master Power Toggle switch today and intermittent power loss appears to be resolved.
- Cabin monitor is functioning and may be due to poorly seated power cable or intermittent faulty ethernet cable.
- Daily Flight Report issue resolved.
- Hotel Kit 3 was delivered this afternoon.

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

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: 0% (0/4)

Green: 0% (0/4)

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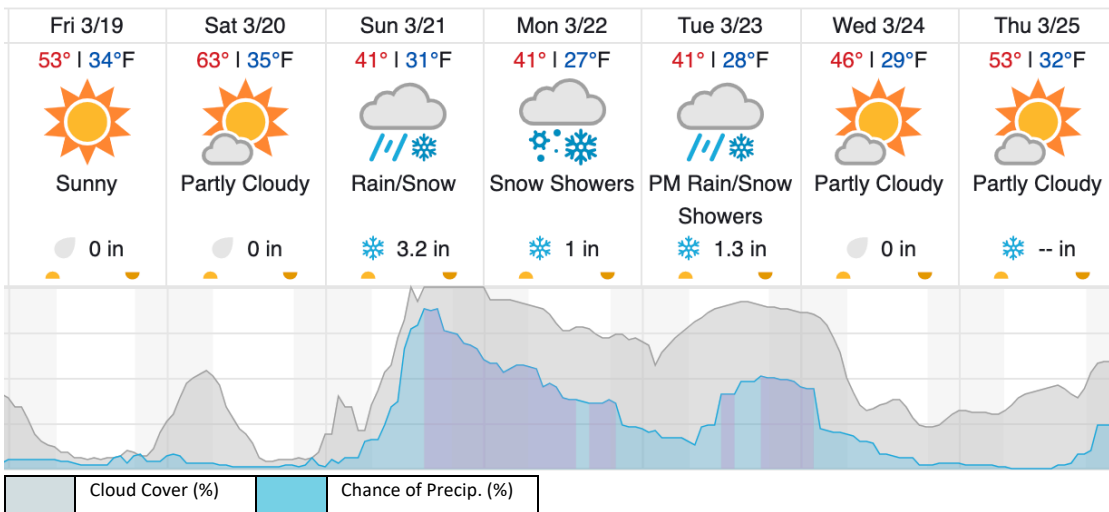
Flown: 0% (0/5)
 Green: 0% (0/5)
 Yellow: 0% (0/5)
 Red: 0% (0/5)

D00|W10C (Wiggle Timing Test - Riegl)

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

Weather Forecast



source: wunderground.com

Flight Collection Plan for March 2021

Training and Calibration flights

Flight Crew: Cameron Chapman, Mitch Haynes, Elissa Barris, Nick Marusich, and Abe Morrison