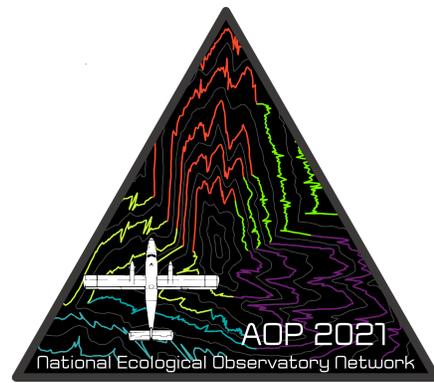




Payload 3 Daily Flight Report



Date: 2021-03-26
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N615AR

Domain: 00 (Training & Calibration)
Sites Flown: Training
Days left in Domain: 3

Report Author: Matt DeVoe
Lidar Operators: Matt/John
Spectrometer Operators: Robb
Pilots: Justin Eddington, Micah Hoogeveen
Add'l Flight Crew: None

Flight Hours: 0.0
Hours until maintenance: 115.90
GPS Instruments: AOP_KBDU
Ground Crew: Mike

Summary

The weather was not conducive to calibration flights today.

Concerns

- Ian visited the hangar this morning and installed an additional monitor on the MIDAS rack. This will be used to view and interact with the camera main in addition to the VNC capability on the crystal computer.

Comments

- With the weather forecast not looking good for Tuesday, the crew transiting the payload to D17 may have to depart early. Standby for updates.

Daily Coverage

No flights attempted today.

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

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

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											

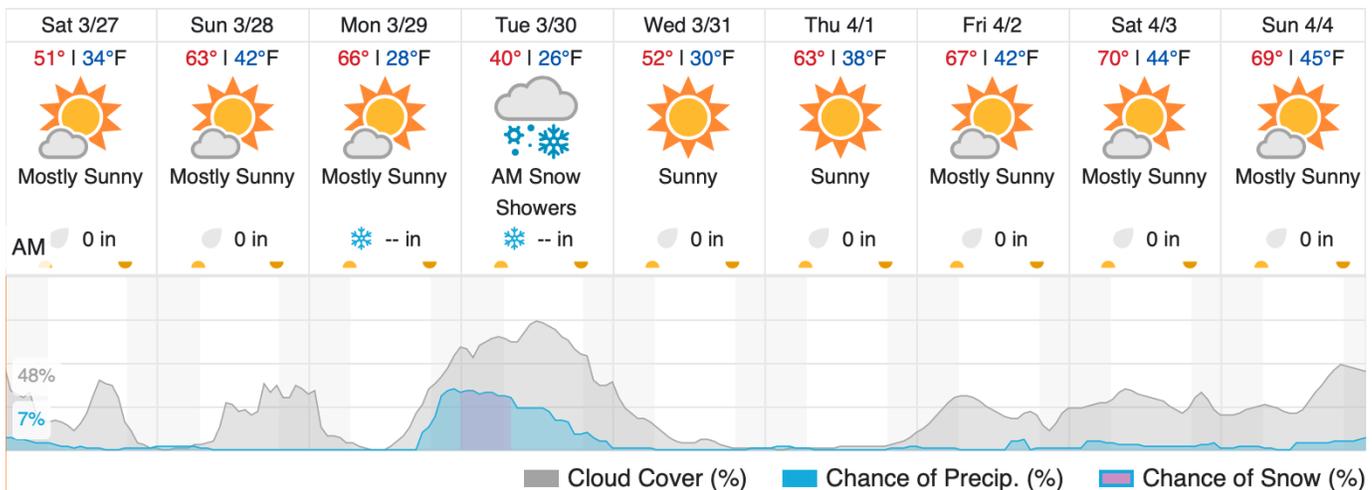
Flown: 10% (3/29)
 Green: 0% (0/29)
 Yellow: 0% (0/29)
 Red: 10% (3/29)

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



Cloud Cover (%)	Chance of Precip. (%)
-----------------	-----------------------

source: wunderground.com

Flight Collection Plan for 27 March 2021

Flyority 1

Collection Area: Table Mountain Radiometric Calibration – Boulder Airport

Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780

On-station Time: 1700 UTC / 1100 L

Additional Considerations: Ground should be dry.

Flyority 2

Collection Area: Boresight Calibration – Greeley, CO

Flight Plan Name: D10_B10E_Boresight_1600m_Q780

On-station Time: 1600 UTC / 1000 L

Additional Considerations: No recent snowfall, clear roofs required.

Flyority 3

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

On-station Time: 1630 UTC / 1030 L

Flight Crew: Matt & John (lidar), Robb (NIS), Mike (Ground)