Date: 2024-04-08  
Flight Campaign ID: P3C1  
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO  
Aircraft: N821AR  

Domain: 00 (Training & Calibration)  
Sites Flown: None  
Days left in Domain: 18  

Report Author: Mitch  
Lidar Operators: Elissa  
Spectrometer Operators: Matt  
Flight Hours: 00:00  
Hours until maintenance: 105.00  
Pilots: Will, Justin  

Summary  
Scheduled no flight day as system continued pumping and cooling and limited solar angle due to the eclipse prevented flights from occurring. System reached operational state this afternoon and will be ready for flights tomorrow.  

Concerns  
None  

Comments  
None  

Pictures: Some ASOs and their families took part in the solar eclipse viewing event at NEON HQ today. Big thanks to ESES for hosting. Photo below courtesy of Cameron Chapman.
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: 100% (4/4)
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 |
Flown: 86% (24/28)
Green: 0% (0/28)
Yellow: 0% (0/28)
Red: 86% (24/28)

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|R10D (Boulder Airport Radiometric Calibration)

| 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 |
Flown: 7% (2/29)
Green: 0% (0/29)
Yellow: 0% (0/29)
Red: 7% (2/29)

D00|W10C (Wiggle Timing Test - Riegl)

| 1 | 2 |
---|---|
Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 100% (2/2)
Weather Forecast
Boulder, CO

Greeley, CO

Flight Collection Plan for 9 April 2024

Flyority 1
Collection Area: Table Mountain Radiometric Calibration
Flight Plan Name: D10_R10C_Rad_Cal_TBMT_v1_Q780
45° On-station Time: 1730 UTC / 1130 L
Additional Considerations: Ground should be dry.

Flyority 2
Collection Area: Boresight Calibration – Greeley, CO
Flight Plan Name: D10_B10E_Boresight_1600m_Q780 (RiAcquire name: D10_B10E_Boresight_Apx_Q780)
30° On-station Time: 1550 UTC / 0950 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
35° On-station Time: 1620 UTC / 1030 L

Flight Crew
Cam (Lidar), Matt (NIS), Elissa (Ground)