Date: 2022-04-20
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N70AR

Domain: 00 (Training & Calibration)
Sites Flown: R10C (Table Mountain Radiometric Calibration - Riegl), V10C (Boulder City South)
Days left in Domain: 5

Report Author: Nick
Lidar Operators: Nick
Flight Hours: 01:30
Spectrometer Operators: Elissa
Hours until maintenance: 112.45
Pilots: Nick, Magnus
GPS Instruments: AOP_KBDU
Adt'l Flight Crew: Mitch
Ground Crew: Matt

Summary
A Reigl training flight and coincident radiometric calibration data collection with Payload 1 at Table Mountain. This concludes preseason calibration and training flights for Payload 3. A mercury lamp collection and packing will be conducted before departing to D15 on April 26.

Concerns
The pilot display flight line issue appears to be corrected. Thanks to Ian, John M and Mitch for working on that yesterday.

Comments
None

Daily Coverage

Estimated Cloud Cover Key

Green: 0-10%
Yellow: 11-50%
Red: >50%

D00|R10C

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Total number of lines flown: 5

D00|V10C

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<tr>
<td>Cloud Cover</td>
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</table>

Total number of lines flown: 5

**Flight Screenshots**

V10C Screenshots (NIS on left, lidar on right)
R10 Screenshot (NIS only)

**Pictures**
None.

**Cumulative Domain Coverage**

**D00|B10E (Riegl Boresight Calibration - 1600m, 1000m, 500m)**

Flown: 100% (20/20)
Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 100% (20/20)

**D00|H10C (NEON Headquarters Lidar Test - Riegl)**

Flown: 100% (4/4)
Green: 100% (4/4)
Yellow: 0% (0/4)
Red: 0% (0/4)

**D00|N10D (Nominal Runway at KBDU - Riegl)**

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

**D00|O10B (NIS Offset - Riegl)**

Flown: 100% (2/2)
Green: 100% (2/2)
Yellow: 0% (0/2)
Red: 0% (0/2)
Flight Collection Plan for April 21, 2022
Hg lamp collection to be scheduled by Monday April 25.