Date: 2023-04-11
Flight Campaign ID: P1C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N331AR

Domain: 00 (Training & Calibration)
Sites Flown: Outreach (ICAGRA)
Days left in Domain: 2

Report Author: Mike
Lidar Operators: Mike
Spectrometer Operators: John
Pilots: Justin, Paul
Ground Crew: Matt

Flight Hours: (00:07) (00:10)
Hours until maintenance: 94.67
GPS Instruments: n/a

Summary
Payload 1 made a quick stop at the ICCAGRA meeting today at the NCAR hangar at Rocky Mountain Metro Airport.

Concerns
None.

Comments
None.

Pictures
We found a welcoming and familiar face at NCAR: Former NEON AOP ASO, Ms. Ivana Vu, who now works on the systems for the NCAR G5 and C-130!
Daily Coverage

Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th></th>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

Cumulative Domain Coverage

D00|B10F (Complete Greeley Boresight Geocalibration - 1500m, 1000m, 550m - Galaxy)

Flown: 100% (20/20)
Green: 0% (0/20)
Yellow: 75% (15/20)
Red: 25% (5/20)

D00|H10D (NEON Headquarters Lidar Validation - Galaxy)

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

D00|N10F (Nominal Runway at KBDU - Galaxy)

Flown: 100% (37/37)
Green: 14% (5/37)
Yellow: 86% (32/37)
Red: 0% (0/37)

D00|O10C (NIS Offset - Galaxy)

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

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)

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

D00|R10F (Boulder Airport Radiometric Calibration - Galaxy)

Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)
D00|V10F ()

| 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: 14% (4/29)
Green: 0% (0/29)
Yellow: 14% (4/29)
Red: 0% (0/29)

D00|W10D (Wiggle Timing Test - Galaxy)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
</table>

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

**Weather Forecast**

**Boulder, CO**

<table>
<thead>
<tr>
<th>Wed 4/12</th>
<th>Thu 4/13</th>
<th>Fri 4/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>80°</td>
<td>54°F</td>
<td>76°</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Mostly Cloudy</td>
<td>Showers</td>
</tr>
<tr>
<td>0 in</td>
<td>0.02 in</td>
<td>0.26 in</td>
</tr>
</tbody>
</table>

**Ocala, FL**

<table>
<thead>
<tr>
<th>Thu 4/13</th>
<th>Fri 4/14</th>
<th>Sat 4/15</th>
<th>Sun 4/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>82°</td>
<td>64°F</td>
<td>83°</td>
<td>62°F</td>
</tr>
<tr>
<td>Thunderstorms</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Scattered</td>
</tr>
<tr>
<td>0.47 in</td>
<td>0 in</td>
<td>0.01 in</td>
<td>0.22 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

**Flight Collection Plan for April 12th, 2023**

No flights planned.