Date: 2023-03-27
Flight Campaign ID: P1C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO
Aircraft: N331AR

Domain: 00 (Training & Calibration)
Sites Flown: None
Days left in Domain: 3

Report Author: Cameron
Lidar Operators: Cameron    Flight Hours: 00:00
Spectrometer Operators: Mitch    Hours until maintenance: 118.72
Pilots: Justin, Vince
Ground Crew: Matt

Summary
Wintery conditions blew through the region bringing high winds and snow for much of the day keeping the aircraft grounded. No flights were conducted.

Concerns
None

Comments
Abe is scheduled to arrived tonight and join the P1 crew tomorrow.

Daily Coverage

Estimated Cloud Cover Key

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

Flight Screenshots: None

Pictures: None

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)

1 2 3 4
Flown: 100% (4/4)
Green: 0% (0/4)
Yellow: 0% (0/4)
Red: 100% (4/4)

D00|N10F (Nominal Runway at KBDU - Galaxy)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Flown: 100% (37/37)
Green: 14% (5/37)
Yellow: 86% (32/37)
Red: 0% (0/37)

D00|O10C (NIS Offset - Galaxy)

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

D00|R10E (Table Mountain Radiometric Calibration - Galaxy)

1 2 3 4 5
Flown: 0% (0/5)
Green: 0% (0/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

D00|W10D (Wiggle Timing Test - Galaxy)

1 2
Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

Weather Forecast
Boulder, CO

<table>
<thead>
<tr>
<th>Tue 3/28</th>
<th>Wed 3/29</th>
<th>Thu 3/30</th>
<th>Fri 3/31</th>
<th>Sat 4/1</th>
<th>Sun 4/2</th>
<th>Mon 4/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>48°</td>
<td>27°F</td>
<td>50°</td>
<td>29°F</td>
<td>62°</td>
<td>34°F</td>
<td>50°</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

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

source: wunderground.com
Flight Collection Plan for 28 March 2023

**Flyority 1**
Collection Area: Table Mountain Radiometric Calibration
Flight Plan Name: D10_R10E_Radiometric_Cal_Table_Mtn_v1_PRM.xml
45° On-station Time: 1740 UTC / 1140 L
Additional Considerations: Ground should be dry.

**Flyority 2**
Collection Area: NIS Offset Flight
Flight Plan Name: D10_O10C_NIS_Offset_v2_PRM.xml
35° On-station Time: 1620 UTC / 1030 L

**Flight Crew**
Matt (Lidar), Abe (NIS), Mitch (Observer if needed), Cam (Ground)