Date: 2021-03-29
Flight Campaign ID: P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO, Canyonlands Field (KCNY) - Moab, UT, St George Regional Airport (KSGU) - Saint George, UT, Henderson Executive (KHND) – Las Vegas, NV
Aircraft: N615AR

Domain: 17 (Pacific Southwest)
Sites Flown: Transit (KBDU-KCNY-KSGU-KHND-KFAT)
Days left in Domain: 5

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Spectrometer Operators: Mitch Haynes
Pilots: Justin Eddington, Stephen Brawders

Flight Hours: 02:54, 01:49, 00:57, 01:54
Hours until maintenance: 103.23

Summary
The Radiometric Calibration flight was not attempted this morning due to high cirrus clouds and forecasted winds at the Boulder Airport. After cal flights were cancelled, crew promptly packed up the plane and departed for D17 a day early in order to avoid deteriorating weather over the Rockies. After a challenging first leg due to 56 knot headwinds, we made it to Fresno tonight without having to shut down the system or fly in IFR conditions. D17 data collection flights are on schedule to start on Wednesday.

Concerns
None

Comments
• Crew handoff occurred this morning
• Support equipment will arrive tomorrow
Pictures
Rocky Mountains
Green River in Canyonlands National Park
Zion National Park
Death Valley National Park
Sierra Nevada
**Cumulative Domain Coverage**

**D17 SJER (San Joaquin Experimental Range)**

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Flown: 0% (0/30)
Green: 0% (0/30)
Yellow: 0% (0/30)
Red: 0% (0/30)

**Weather Forecast**

<table>
<thead>
<tr>
<th>Day</th>
<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
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<tbody>
<tr>
<td>Tue 3/30</td>
<td>77°</td>
<td>45°F</td>
</tr>
<tr>
<td>Wed 3/31</td>
<td>85°</td>
<td>48°F</td>
</tr>
<tr>
<td>Thu 4/1</td>
<td>87°</td>
<td>51°F</td>
</tr>
<tr>
<td>Fri 4/2</td>
<td>89°</td>
<td>53°F</td>
</tr>
<tr>
<td>Sat 4/3</td>
<td>86°</td>
<td>50°F</td>
</tr>
<tr>
<td>Sun 4/4</td>
<td>78°</td>
<td>48°F</td>
</tr>
<tr>
<td>Mon 4/5</td>
<td>74°</td>
<td>46°F</td>
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source: wunderground.com

**Flight Collection Plan for 30 March 2021**
No flights planned

**Flight Collection Plan for 31 March 2021**
Flyority 1
Collection Area: San Joaquin Experimental Range (SJER)
Flight Plan Name: D17_SJER_C1_P1_v3_Q780
On-station Time: 1720 UTC / 1020 L
Crew: Mitch & Ivana