Date: 2021-05-06
Flight Campaign ID: P1C2
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO, Salina Municipal Airport (KSLN) - Salina, KS, Olive Branch Airport (KOLV) - Olive Branch, MS, Asheville Regional Airport (KAVL) – Fletcher, NC
Aircraft: N331AR

Domain: 07 (Appalachians & Cumberland Plateau)
Sites Flown: Transit (KBDU-KSLN-KOLV-KAVL)
Days left in Domain: 55

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Spectrometer Operators: Elissa Barris
Pilots: Justin Eddington, Will Mathews

Flight Hours: 02:27:00, 02:48:00, 02:16:00
Hours until maintenance: 83.11
GPS Instruments: None

Summary
Flight crew departed Boulder early this morning and completed the transit to Asheville. D07 data collection is on schedule to start on Monday, May 10th.

Concerns
None

Comments
• The aircraft will be parked in Hangar 9 for the duration of this deployment
• Crew to test Disk Set 5 and Variable Altitude flight plans

Daily Coverage
Estimated Cloud Cover Key

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

<table>
<thead>
<tr>
<th>D07</th>
<th>GRSM_P1 (Great Smoky Mountains National Park Priority 1)</th>
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<td>2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20</td>
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<td>61</td>
<td>62  63  64  65  66  67  68  69</td>
</tr>
</tbody>
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Flown: 0% (0/69)
Green: 0% (0/69)
Yellow: 0% (0/69)
Red: 0% (0/69)
Flight Collection Plan for May 7 2021
No flights planned; Begin pumping and cooling spectrometer.
Crew: Elissa (Lidar), Ivana (Spectrometer)

Flight Collection Plan for May 8 2021
No flights planned; continue pumping and cooling spectrometer.
Crew: Ivana (Lidar), Elissa (Spectrometer)