Date: 2021-05-29
Flight Campaign ID: P1C2
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC
Aircraft: N331AR

Domain: 07 (Appalachians & Cumberland Plateau)
Sites Flown: None
Days left in Domain: 32

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

Flight Hours: 00:00
Hours until maintenance: 79.37

Summary
Heavy overcast conditions and intermittent rain prevented flying today.

Concerns
None.

Comments
Vince Maarschalkerweerd arrived in the domain today and will rotate in for Will Mathews starting tomorrow.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
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D07|GRSM_P1 (Great Smoky Mountains National Park Priority 1)

| Flown: 0% (0/69) |
| Green: 0% (0/69) |
| Yellow: 0% (0/69) |
| Red: 0% (0/69) |

D07|GRSM_P2 (Great Smoky Mountains National Park Priority 2)

| Flown: 0% (0/20) |
| Green: 0% (0/20) |
| Yellow: 0% (0/20) |
| Red: 0% (0/20) |
### D07|MLBS (Mountain Lake Biological Station)

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- Flown: 0% (0/34)
- Green: 0% (0/34)
- Yellow: 0% (0/34)
- Red: 0% (0/34)

### D07|N07A (D07 Nominal Runway)

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

### D07|ORNL (Oak Ridge National Laboratory)

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- Flown: 20% (12/61)
- Green: 0% (0/61)
- Yellow: 20% (12/61)
- Red: 0% (0/61)

### Weather Forecast

**Gatlinburg, TN (GRSM)**

<table>
<thead>
<tr>
<th>Sun 5/30</th>
<th>Mon 5/31</th>
<th>Tue 6/1</th>
<th>Wed 6/2</th>
<th>Thu 6/3</th>
<th>Fri 6/4</th>
<th>Sat 6/5</th>
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<tbody>
<tr>
<td>67°</td>
<td>49°F</td>
<td>78°</td>
<td>58°F</td>
<td>81°</td>
<td>60°F</td>
<td>82°</td>
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- AM Clouds/PM Sun: 0 in
- Partly cloudy: 0 in
- Partly cloudy: 0 in
- Partly cloudy: 0 in
- Cloudy: 0 in
- Scattered thunderstorms: 0.65 in
- Scattered thunderstorms: 0.24 in
- PM: 0.12 in
Flight Collection Plan for 30 May 2021

Flyority 1
Collection Area: Great Smoky Mountains National Park (GRSM) – Priority 1 Flight Box
Flight Plan Name: D07_GRSM_R1_P1_P2_v5_PRM_Var_Alt.xml
On-Station Time: 1400 – 2100 UTC / 1000 – 1700 L

Flyority 2
Collection Area: Oak Ridge National Laboratory (ORNL)
Flight Plan Name: D07_ORNL_C1_P1_v9_PRM.xml
On-Station Time: 1400 – 2100 UTC / 1000 – 1700 L

Flyority 3
Collection Area: Great Smoky Mountains National Park (GRSM) – Priority 2 Flight Box
Flight Plan Name: D07_GRSM_R1_P1_P2_v5_PRM_Var_Alt.xml
On-Station Time: 1400 – 2100 UTC / 1000 – 1700 L

Crew: Elissa & Ivana