Date: 2021-05-12
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: 49

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

Flight Hours: 00:00
Hours until maintenance: 83.38

Summary
Rain, Marginal VFR and IFR conditions in Asheville prevented flights today.

Concerns
While the Colonial Pipeline issue has caused a fuel shortage at local gas stations, the FBO confirmed that this has not affected airport operations or their supply of Jet A fuel.

Comments
- MLBS phenocam image shows that the site has not reached peak greenness yet, so flight crew will focus on GRSM and ORNL in the meantime.

Cumulative Domain Coverage
Estimated Cloud Cover Key

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

D07|GRSM_P1 (Great Smoky Mountains National Park Priority 1 )

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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 )

| 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

Flown: 0% (0/20)
Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 0% (0/20)
## Weather Forecast

### Asheville, NC (FBO)

<table>
<thead>
<tr>
<th>Thu 5/13</th>
<th>Fri 5/14</th>
<th>Sat 5/15</th>
<th>Sun 5/16</th>
<th>Mon 5/17</th>
<th>Tue 5/18</th>
<th>Wed 5/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>62°F</td>
<td>43°F</td>
<td>65°F</td>
<td>51°F</td>
<td>69°F</td>
<td>53°F</td>
<td>73°F</td>
</tr>
<tr>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>PM Showers</td>
<td>PM Showers</td>
<td>AM Showers</td>
<td>Cloudy</td>
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<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.03 in</td>
<td>0.11 in</td>
<td>0.05 in</td>
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### Gatlinburg, TN (GRSM)

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<tr>
<th>Thu 5/13</th>
<th>Fri 5/14</th>
<th>Sat 5/15</th>
<th>Sun 5/16</th>
<th>Mon 5/17</th>
<th>Tue 5/18</th>
<th>Wed 5/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>65°F</td>
<td>45°F</td>
<td>68°F</td>
<td>48°F</td>
<td>73°F</td>
<td>55°F</td>
<td>73°F</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>PM Showers</td>
<td>Few Showers</td>
<td>Showers</td>
<td>Mostly Cloudy</td>
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<tr>
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<td>0 in</td>
<td>0.02 in</td>
<td>0.15 in</td>
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<td>0 in</td>
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Flight Collection Plan for 13 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