Payload 1 Daily Flight Report

Date: 2021-06-10  
Flight Campaign ID: P1C2  
Airport, FBO ID, City: Asheville Regional Airport (KAHV) - Fletcher, NC  
Aircraft: N331AR

Domain: 07 (Appalachians & Cumberland Plateau)  
Sites Flown: None  
Days left in Domain: 21

Report Author: Michael Wussow  
Lidar Operators: Michael Wussow  
Flight Hours: 00:00  
Spectrometer Operators: Cameron Chapman  
Hours until maintenance: 71.65  
Pilots: Vince Maarschalkerweerd, Paul Nunemann  
GPS Instruments: None

Summary
No flights were conducted today as result of low clouds across all sites. The crew is looking forward to potentially better weather in the forecast.

Concerns
None

Comments
Cameron Chapman arrived last night, and John Adler has departed.

Cumulative Domain Coverage

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

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<tbody>
<tr>
<td>Flown:</td>
<td>0% (0/69)</td>
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<td>Green:</td>
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<td>Yellow:</td>
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<td>Red:</td>
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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) | 0% (0/20) | 0% (0/20) |
| Green: | 0% (0/20) | 0% (0/20) |
| Yellow: | 0% (0/20) |
| Red: | 0% (0/20) |
D07|MLBS (Mountain Lake Biological Station)

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

D07|N07A (D07 Nominal Runway)

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

D07|ORNL (Oak Ridge National Laboratory)

Flown: 43% (26/61)
Green: 0% (0/61)
Yellow: 43% (26/61)
Red: 0% (0/61)

Weather Forecast
Oak Ridge, TN

<table>
<thead>
<tr>
<th>Fri 6/11</th>
<th>Sat 6/12</th>
<th>Sun 6/13</th>
<th>Mon 6/14</th>
<th>Tue 6/15</th>
<th>Wed 6/16</th>
<th>Thu 6/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>82°</td>
<td>69°F</td>
<td>87°</td>
<td>69°F</td>
<td>87°</td>
<td>66°F</td>
<td>88°</td>
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<tr>
<td>Thunderstorms</td>
<td>AM</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
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<td>0.62 in</td>
<td>0.14 in</td>
<td>0 in</td>
<td>0 in</td>
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Flight Collection Plan for 11 June 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: Cam & Mike