Payload 1 Daily Flight Report

Date: 2021-06-12
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: 19

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

Summary
No flights were conducted today due to weather.

Concerns
None

Comments
None

Cumulative Domain Coverage

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |
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)
**MLBS (Mountain Lake Biological Station)**

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**N07A (D07 Nominal Runway)**

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

**ORNL (Oak Ridge National Laboratory)**

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

**Weather Forecast**

**Oak Ridge, TN**

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<tbody>
<tr>
<td>90°</td>
<td>69°F</td>
<td>91°</td>
<td>64°F</td>
<td>83°</td>
<td>61°F</td>
<td>80°</td>
</tr>
<tr>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
<td>Isolated Thunderstorms</td>
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- 0 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0 in
- 0.26 in
Gatlinburg, TN

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<tr>
<td><strong>Temp</strong></td>
<td>86°</td>
<td>86°</td>
<td>79°</td>
<td>76°</td>
<td>79°</td>
<td>86°</td>
<td><strong>Cloud Cover (%)</strong></td>
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<tr>
<td><strong>Precip (in)</strong></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td><strong>Chance of Precip. (%)</strong></td>
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source: wunderground.com

**Flight Collection Plan for 13 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