Payload 1 Daily Flight Report

Date: 2021-05-14
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: 47

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Flight Hours: 00:00
Spectrometer Operators: Elissa Barris
Hours until maintenance: 83.38
Pilots: Justin Eddington, Will Mathews
GPS Instruments: None

Summary
Low clouds developed early in the Smokies today and an overcast cloud layer in Asheville prevented us from taking off.

Concerns
None

Comments
None

Cumulative Domain Coverage
Estimated Cloud Cover Key
- Green: 0-10%
- Yellow: 11-50%
- Red: >50%

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

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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 |
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D07|MLBS (Mountain Lake Biological Station)

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D07|N07A (D07 Nominal Runway)

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D07|ORNL (Oak Ridge National Laboratory)

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Weather Forecast
Asheville, NC (FBO)

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<td>Temp</td>
<td>70°</td>
<td>70°</td>
<td>75°</td>
<td>71°</td>
<td>74°</td>
<td>78°</td>
<td>79°</td>
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<tr>
<td>Cond</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Cloudy</td>
<td>Few Showers</td>
<td>AM Showers</td>
<td>Partly Cloudy</td>
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Flight Collection Plan for 15 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