Payload 1 Daily Flight Report

Date: 2021-05-21
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: 39

Report Author: Ivana Vu
Lidar Operators: Ivana Vu
Flight Hours: 00:00
Spectrometer Operators: Elissa Barris
Hours until maintenance: 80.38
Pilots: Justin Eddington, Will Mathews
GPS Instruments: None

Summary
No flights were conducted due to cirrus and cumulus cloud cover over all sites.

Concerns
None

Comments
None

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)

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

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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

Gatlinburg, TN (GRSM)

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<td>86°F</td>
<td>83°F</td>
<td>82°F</td>
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- Partly Cloudy
- Partly Cloudy
- Partly Cloudy
- Partly Cloudy
- PM
- Scattered
- AM

- Thunderstorms
- Thunderstorms
- Thunderstorms

Oak Ridge, TN (ORNL)
Flight Collection Plan for 23 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