Payload 1 Daily Flight Report

Date: 2021-06-04
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: 26

Report Author: John Adler
Lidar Operators: John Adler
Spectrometer Operators: Michael Wussow
Pilots: Justin Eddington, Vince Maarschalkerweerd

Flight Hours: 00:00
Hours until maintenance: 76.35
GPS Instruments: None

Summary
The cloud cover today was not above our flight altitudes, so no flights were completed today.

Concerns
None.

Comments
The RAID was shipped back to the Denver Data Center previously.

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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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)

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Green: 0% (0/20)
Yellow: 0% (0/20)
Red: 0% (0/20)

D07|MLBS (Mountain Lake Biological Station)

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

D07|N07A (D07 Nominal Runway)

| 1 |

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

D07|ORNL (Oak Ridge National Laboratory)

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Flown: 30% (18/61)
Green: 0% (0/61)
Yellow: 30% (18/61)
Red: 0% (0/61)

Weather Forecast

Gatlinburg, TN (GRSM)

![Weather Forecast Chart]

source: wunderground
Flight Collection Plan for 05 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: John & Mike