Payload 1 Daily Flight Report

Date: 2023-06-04  
Flight Campaign ID: P1C1  
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA  
Aircraft: N331AR

Domain: 02 (Mid-Atlantic), 07 (Appalachians & Cumberland Plateau)  
Sites Flown: None  
Days left in Domain: 17

Report Author: Cameron  
Lidar Operators: Cameron  
Flight Hours: 00:00  
Spectrometer Operators: Abe  
Hours until maintenance: 30.10  
Pilots: Justin, Cullen

Summary
Overcast skies and scattered rain showers dominated the forecast today. No flights were conducted.

Concerns
- HK1’s Internal hard drive is near capacity. The data processors have been made aware and are investigating service now for RAIDs to clear.

Comments
- Mitch rotates into D02 today.

Daily 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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Cumulative Domain Coverage

D02 | BLAN (Blandy Experimental Farm)

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D02 | N02B (D02 Nominal Runway)

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D02 | SERC (Smithsonian Ecological Research Center)

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D07 | MLBS (Mountain Lake Biological Station)

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**Weather Forecast**

**Pembroke, VA (MLBS)**

- **Mon 6/5**: 79°F / 50°F, Partly Cloudy, 0 in
- **Tue 6/6**: 78°F / 56°F, Partly Cloudy, 0 in
- **Wed 6/7**: 72°F / 48°F, Cloudy, 0 in
- **Thu 6/8**: 74°F / 50°F, Mostly Sunny, 0 in
- **Fri 6/9**: 78°F / 55°F, Mostly Sunny, 0 in
- **Sat 6/10**: 80°F / 60°F, Partly Cloudy, 0 in
- **Sun 6/11**: 80°F / 60°F, Partly Cloudy, 0 in

**Winchester, VA (BLAN)**

- **Mon 6/5**: 77°F / 52°F, Partly Cloudy, 0 in
- **Tue 6/6**: 81°F / 53°F, Partly Cloudy, 0 in
- **Wed 6/7**: 77°F / 50°F, Partly Cloudy, 0 in
- **Thu 6/8**: 75°F / 50°F, Mostly Sunny, 0 in
- **Fri 6/9**: 75°F / 52°F, Partly Cloudy, 0 in
- **Sat 6/10**: 81°F / 55°F, Partly Cloudy, 0 in
- **Sun 6/11**: 83°F / 59°F, Partly Cloudy, 0 in
Flight Collection Plan for June 5, 2023

Flyority 1 (Lines 2-13)
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R1_P1_v7_PRM.xml
On-Station Time: 1340 UTC/ 0940 L

Flyority 2
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v2_PRM.xml
On-Station Time: 1330 UTC/ 0930 L

Flyority 3
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1_PRM.xml
On-Station Time: 1330 UTC/ 0930 L

Flyority 4
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml
On-Station Time: 1330 UTC/ 0930 L
Flyority 5
Collection Area: Nominal Runway – D02 - KOKV
Flight Plan Name: D02_N02B_Nominal_Runway_Test_v1_PRM.xml
On-Station Time: N/A

**Crew:** Abe (Lidar), Mitch (NIS)