Date: 2021-07-31  
Flight Campaign ID: P1C2  
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA  
Aircraft: N331AR  

Domain: 02 (Mid-Atlantic)  
Sites Flown: None  
Days left in Domain: 25  

Report Author: Abe Morrison  
Lidar Operators: Abe Morrison  
Spectrometer Operators: Mitch Haynes  
Pilots: Justin Eddington, Nick Koukoutsakis  

Flight Hours: 00:00  
Hours until maintenance: 67.43  

Summary  
The system continued to be vacuum pumped and cooled today, it should be ready sometime tomorrow. First collection flights are scheduled for Monday.  

Concerns  
None  

Comments  
The hotel kit room was set up today.

Cumulative Domain Coverage  
D02|BLAN (Blandy Experimental Farm)  

| 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 | 

Flown: 0% (0/33)  
Green: 0% (0/33)  
Yellow: 0% (0/33)  
Red: 0% (0/33)  

D02|N02B (D02 Nominal Runway)  

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | 

Flown: 0% (0/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)  
Red: 0% (0/1)
D02 | SCBI (Smithsonian Conservation Biology Institute)

| 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 |

- Flown: 0% (0/32)
- Green: 0% (0/32)
- Yellow: 0% (0/32)
- Red: 0% (0/32)

D02 | SERC (Smithsonian Ecological Research Center)

| 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 |

- Flown: 0% (0/26)
- Green: 0% (0/26)
- Yellow: 0% (0/26)
- Red: 0% (0/26)

**Weather Forecast**

**Annapolis, MD (SERC)**

<table>
<thead>
<tr>
<th>Sun 8/1</th>
<th>Mon 8/2</th>
<th>Tue 8/3</th>
<th>Wed 8/4</th>
<th>Thu 8/5</th>
<th>Fri 8/6</th>
<th>Sat 8/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>77°</td>
<td>67°F</td>
<td>77°</td>
<td>68°F</td>
<td>80°</td>
<td>69°F</td>
<td>79°</td>
</tr>
</tbody>
</table>

- Thunderstorms
- Mostly Sunny
- Cloudy
- Mostly Cloudy
- PM Showers
- Partly Cloudy
- Mostly Cloudy

- Chance of Precip: 0.72 in | 0 in | 0.04 in | 0 in | 0.17 in | 0 in | 0 in | 0 in |

**Winchester, VA (SCBI, BLAN)**

<table>
<thead>
<tr>
<th>Sun 8/1</th>
<th>Mon 8/2</th>
<th>Tue 8/3</th>
<th>Wed 8/4</th>
<th>Thu 8/5</th>
<th>Fri 8/6</th>
<th>Sat 8/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>82°</td>
<td>60°F</td>
<td>80°</td>
<td>57°F</td>
<td>77°</td>
<td>58°F</td>
<td>81°</td>
</tr>
</tbody>
</table>

- AM Showers
- Mostly Sunny
- Cloudy
- Partly Cloudy
- Partly Cloudy
- Partly Cloudy
- Partly Cloudy

- Chance of Precip: 0.02 in | 0 in | 0 in | 0 in | 0 in | 0 in | 0 in |

source: wunderground.com
Flight Collection Plan for 1 August 2021
Pumping and Cooling of system

Flight Collection Plan for 2 August 2021
Flyority 1
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_PRM.xml
On-Station Time: 1350 UTC/ 0950 L

Flyority 2
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v1_PRM.xml
On-Station Time: 1350 UTC/ 0950 L

Flyority 3
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v3_PRM.xml
On-Station Time: 1350 UTC/ 0950 L

Flyority 4
Collection Area: Nominal Runway - D02 - KOKV (N02B)
Flight Plan Name: D02_N02B_Nominal_Runway_Test_v1_PRM.xml
On-Station Time: NA

Crew: Mitch, Abe