Payload 1 Daily Flight Report

Date: 2022-05-14
Flight Campaign ID: P1C1
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA
Aircraft: N331AR

Domain: 02 (Mid-Atlantic)
Sites Flown: None
Days left in Domain: 19

Report Author: Cameron
Lidar Operators: Cameron
Spectrometer Operators: Elissa
Pilots: Justin, Magnus

Flight Hours: 00:00
Hours until maintenance: 0.00

Summary
The payload began to COOL early this morning and is expected to be ready for data collection tomorrow afternoon.

Concerns
- HK data extraction ongoing. The previous extraction failed and is being re-run.

Comments
- The crew is closely monitoring the NIS rack to inspect for smoke from the newly installed / other components.

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D02 | BLAN (Blandy Experimental Farm)

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Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 0% (0/33)
D02|N02A (D02 Nominal Runway)

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

D02|N02B (D02 Nominal Runway)

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

D02|SCBI (Smithsonian Conservation Biology Institute)

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

D02|SERC (Smithsonian Ecological Research Center)

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

D02|T02A

Flown: 0% (0/19)
Green: 0% (0/19)
Yellow: 0% (0/19)
Red: 0% (0/19)

Weather Forecast

Winchester, VA (KOKV, BLAN, SCBI)

![Weather forecast chart]

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<thead>
<tr>
<th>Date</th>
<th>Weather Conditions</th>
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<tr>
<td>Sun 5/15</td>
<td>81°</td>
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<tr>
<td>Mon 5/16</td>
<td>75°</td>
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<tr>
<td>Tue 5/17</td>
<td>74°</td>
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<td>Wed 5/18</td>
<td>73°</td>
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<td>Thu 5/19</td>
<td>76°</td>
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<tr>
<td>Fri 5/20</td>
<td>88°</td>
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<td>Sat 5/21</td>
<td>85°</td>
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Precipitation:
- Thunderstorms: 0.07 in
- Thunderstorms: 0.25 in
- 0 in
- 0.01 in
- 0.12 in
- 0 in
- 0 in
Flight Collection Plan for 15 May 2022

Continue cooling the NIS and monitoring for smoke. No flights planned.

Crew: Elissa and Cam