Payload 1 Daily Flight Report

Date: 2022-05-20
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: 13

Report Author: Cameron
Lidar Operators: Cameron Flight Hours: 00:00
Spectrometer Operators: Abe Hours until maintenance: 85.73
Pilots: Magnus, Justin

Summary
Intermittent rain showers throughout the day along with impenetrable cloud coverage. No flight were attempted.

Concerns
- Still awaiting the delivery of the Pony Express case. Until then, No hard drives will be available for data extraction.

Comments
- Elissa departed the field this morning along with Ian. Thanks for all the hard work and payload troubleshooting.
- Pilots will swap tomorrow after flights. Paul in Magnus out.

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 )

| 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)

Flown: 100% (1/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 100% (1/1)

D02|SCBI (Smithsonian Conservation Biology Institute)

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

D02|SERC (Smithsonian Ecological Research Center)

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

Weather Forecast
Winchester, VA (KOKV, BLAN, SCBI)

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<td>91°</td>
<td>67°F</td>
<td>88°</td>
<td>54°F</td>
<td>71°</td>
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<td>70°</td>
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<td>Mostly Sunny</td>
<td>PM</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>AM Showers</td>
<td>PM</td>
<td>Thunderstorms</td>
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<th>Cloud Cover (%)</th>
<th>Chance of Precip. (%)</th>
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Annapolis, MD (SERC)

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<td>90°</td>
<td>74°F</td>
<td>87°</td>
<td>65°F</td>
<td>71°</td>
<td>61°F</td>
<td>70°</td>
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<tr>
<td>Mostly Sunny</td>
<td>PM</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>AM Clouds/PM</td>
<td>PM</td>
<td>Thunderstorms</td>
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Flight Collection Plan for May 21 2022

Flyority 1
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
Flight Plan Name: D02_SCBI_C1_P1_v1_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 2
Collection Area: Smithsonian Environmental Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 3
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v3_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flight Crew:
Abe (Lidar), Cameron (NIS)