Date: 2019-05-25
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Manassas Regional (KHEF) - Manassas, VA

Domain: 02
Sites Flown: None
Days left in Domain: 10

Report Author: Cameron Chapman
Flight Crew: Cameron Chapman, Robb Walker
Flight Hours: n/a
Ground/GPS: n/a
Hours until maintenance: 34.73
Pilots: Justin Eddington, Mark Solper
Additional Personnel: none
GPS Instruments: n/a

Summary
Low clouds and isolated rain showers across the region today. No flights were conducted.

Concerns
None

Comments
- Pilot Chad Evans arrives this evening & Pilot Justin Eddington departs tonight.

Flight Screenshots: n/a

Pictures: None

Daily Coverage: n/a
Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>BLAN</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
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<tbody>
<tr>
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<td>31</td>
<td>32</td>
<td>33</td>
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</tr>
</tbody>
</table>
Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

<table>
<thead>
<tr>
<th>N02A</th>
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<tbody>
<tr>
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</table>
Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)
SCBI

Flown: 81% (26/32)
Green: 0% (0/32)
Yellow: 0% (0/32)
Red: 81% (26/32)

SERC

Flown: 54% (14/26)
Green: 23% (6/26)
Yellow: 31% (8/26)
Red: 0% (0/26)

Weather Forecast
Front Royal, VA

<table>
<thead>
<tr>
<th></th>
<th>Sun 5/26</th>
<th>Mon 5/27</th>
<th>Tue 5/28</th>
<th>Wed 5/29</th>
<th>Thu 5/30</th>
<th>Fri 5/31</th>
<th>Sat 6/1</th>
<th>Sun 6/2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>87°</td>
<td>65°</td>
<td>82°</td>
<td>66°</td>
<td>92°</td>
<td>68°</td>
<td>94°</td>
<td>70°</td>
</tr>
<tr>
<td>PM Thunderstorms</td>
<td>0.07 in</td>
<td>0.06 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td>Isolated Thunderstorms</td>
<td>0.07 in</td>
<td>0.06 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td>AM Clouds/PM Sun</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
<tr>
<td>Cloud Cover (%)</td>
<td>87</td>
<td>65</td>
<td>82</td>
<td>66</td>
<td>92</td>
<td>68</td>
<td>94</td>
<td>70</td>
</tr>
<tr>
<td>Chance of Precip. (%)</td>
<td>87</td>
<td>65</td>
<td>82</td>
<td>66</td>
<td>92</td>
<td>68</td>
<td>94</td>
<td>70</td>
</tr>
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Annapolis, MD

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<th>Fri 5/31</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>88°</td>
<td>71°</td>
<td>81°</td>
<td>70°</td>
<td>88°</td>
<td>75°</td>
<td>92°</td>
<td>76°</td>
</tr>
<tr>
<td>Isolated Thunderstorms</td>
<td>0.06 in</td>
<td>0.06 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.04 in</td>
<td>0.13 in</td>
<td>0 in</td>
<td>0 in</td>
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<tr>
<td>Partly Cloudy</td>
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<td>0 in</td>
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</tr>
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</tr>
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<td>Cloud Cover (%)</td>
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<td>71</td>
<td>81</td>
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<td>76</td>
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</tbody>
</table>
Flight Collection Plan for 26 May 2019

**Flyority 1:**
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
**Lines 2-7  If “Green” Conditions, include lines 8-32**
Flight Plan Name: D02_SCBI_C1_P1_v1.pln
On Station Time: 09:40 L / 13:40 UTC

**Flyority 2:**
Collection Area: Smithsonian Ecological Research Center (SERC)
**Lines 2-4 & 18-26  If “Green” Conditions, include lines 5-11**
Flight Plan Name: D02_SERC_R1_P1_v1.pln
On Station Time: 09:30 L / 13:30 UTC

**Flyority 3:**
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v2.pln
On Station Time: 09:40 L / 13:40 UTC

**Flyority 4:**
Collection Area: Nominal Runway – D02
Flight Plan Name: D02_N02A_Nominal_Runway_Test_v1.pln
On Station Time: N/A

Crew: Robb Walker (LiDAR), Cameron Chapman (NIS)

Flight Collection Plan for 27 May 2019

Flyority 1 – 4 Same as previous day
Crew: Cameron Chapman (LiDAR), Robb Walker (NIS)