May 17, 2019 Payload 2 Daily Flight Report

Date: 2019-05-17  
Flight Campaign ID: 2019_P2C1  
Airport, FBO ID, City: Manassas Regional (KHEF) - Manassas, VA

Domain: 02  
Sites Flown: None  
Days left in Domain: 18

Report Author: Michael Wussow  
Flight Crew: Abe Morrison, Michael Wussow  
Ground/GPS: Mitch Haynes  
Pilots: Justin Eddington, Mark Solper  
Additional Personnel:  
GPS Instruments:

Summary
Cloud and weather conditions were less than ideal today and no surveys were conducted.

Concerns
None

Comments
None

Cumulative Domain Coverage

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

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Red: 0% (0/32)
SERC

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

Weather Forecast
Annapolis, MD

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<tr>
<th></th>
<th>Sat 5/18</th>
<th>Sun 5/19</th>
<th>Mon 5/20</th>
<th>Tue 5/21</th>
<th>Wed 5/22</th>
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<tbody>
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<td>77°</td>
<td>65° F</td>
<td>80°</td>
<td>73° F</td>
<td>84°</td>
<td>62° F</td>
<td>73°</td>
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<tr>
<td></td>
<td>Partly Cloudy</td>
<td>PM Thunderstorms</td>
<td>Partly Cloudy</td>
<td>Cloudy</td>
<td>Mostly Cloudy</td>
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Front Royal, VA

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Flight Collection Plan for 18 May 2019

**Flyority 1:**
Collection Area: Smithsonian Conservation Biology Institute (SCBI)
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: Mitch Haynes (LiDAR), Mike Wussow (NIS), Abe Morrison (Ground/GPS)

Flight Collection Plan for 19 May 2019

**Flyority 1 – 4** Same as previously day

Crew: Abe Morrison (LiDAR), Mitch Haynes (NIS), Mike Wussow (Ground/GPS)