Flight Campaign ID: 2017_P1C1
FBO ID & City: Charlottesville Albemarle Airport (KCHO) - Charlottesville, VA
Domain: 02
Sites Flown: None
Days left in Domain: 16
Flight Hours: 0
Hours until maintenance: 62.18

Date: 2017-07-23
Report Author: Cameron Chapman
Pilots: David Hanks, Stephen Brawder
Flight Crew: Cameron Chapman, David Gambino
Ground/GPS: Doug Cavender/Mitch Haynes
Additional Personnel: n/a

GPS Instruments:
None

Summary: No sites were flown today due to low clouds and poor weather conditions at all sites. The planned crew rotation / pilot down day will occur on Tuesday July 25th.

Issues/Concerns: None

Comments: None
Weather Forecast:

**Pembroke, VA**  
*Site: MLBS*

<table>
<thead>
<tr>
<th></th>
<th>Mon 07/24</th>
<th>Tue 07/25</th>
<th>Wed 07/26</th>
<th>Thu 07/27</th>
<th>Fri 07/28</th>
<th>Sat 07/29</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature</strong></td>
<td>90°/65°</td>
<td>87°/66°</td>
<td>84°/66°</td>
<td>87°/67°</td>
<td>83°/64°</td>
<td>85°/62°</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Mostly Cloudy</td>
<td>Chance of a Thunderstorm 0.03 in</td>
<td>Chance of a Thunderstorm 0.03 in</td>
<td>Partly Cloudy</td>
<td>Chance of a Thunderstorm 0.08 in</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td><strong>Precipitation</strong></td>
<td>0 in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 in</td>
</tr>
</tbody>
</table>

**Front Royal, VA**  
*Sites: BLAN/SCBI*

<table>
<thead>
<tr>
<th></th>
<th>Mon 07/24</th>
<th>Tue 07/25</th>
<th>Wed 07/26</th>
<th>Thu 07/27</th>
<th>Fri 07/28</th>
<th>Sat 07/29</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature</strong></td>
<td>92°/66°</td>
<td>88°/64°</td>
<td>84°/67°</td>
<td>85°/68°</td>
<td>85°/64°</td>
<td>85°/65°</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Chance of a Thunderstorm 0.15 in</td>
<td>Chance of a Thunderstorm 0.13 in</td>
<td>Clear</td>
</tr>
<tr>
<td><strong>Precipitation</strong></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>
</tbody>
</table>

**Londontowne, MD**  
*Site: SERC*

<table>
<thead>
<tr>
<th></th>
<th>Mon 07/24</th>
<th>Tue 07/25</th>
<th>Wed 07/26</th>
<th>Thu 07/27</th>
<th>Fri 07/28</th>
<th>Sat 07/29</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature</strong></td>
<td>89°/73°</td>
<td>83°/69°</td>
<td>80°/72°</td>
<td>85°/75°</td>
<td>85°/71°</td>
<td>81°/70°</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Chance of a Thunderstorm 0.35 in</td>
<td>Partly Cloudy</td>
</tr>
<tr>
<td><strong>Precipitation</strong></td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.02 in</td>
</tr>
</tbody>
</table>

*Cloud Cover (%)  Chance of Precip. (%)*
Flight Collection Plan for 24 July 2017

**Flyority 1:**
Collection Area: Smithsonian Conservation Biology Institute (SCBI) If “Green” Conditions
Flight Plan Name: D02_SCBI_C1_P1_v1.pln
On Station: 0950L / 1350 UTC

**Flyority 2:**
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R2_P1_v5.pln
On Station: 1000L / 1400 UTC

**Flyority 3:**
Collection Area: Smithsonian Ecological Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1.pln
On Station: 0940L / 1340 UTC

**Flyority 4:**
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v2.pln
On Station: 0950L / 1350 UTC

**Crew:**
Lidar: Doug Cavender
NIS: Cameron Chapman
Ground / GPS: Mitch Haynes / David Gambino

Flight Collection Plan for 25 July 2017

*No Flight Activity Planned: Crew Rotation / Pilot Down Day*

Flight Collection Plan for 26 July 2017

**Flyority 1:**
Collection Area: Smithsonian Conservation Biology Institute (SCBI) If “Green” Conditions
Flight Plan Name: D02_SCBI_C1_P1_v1.pln
On Station: 0950L / 1350 UTC

**Flyority 2:**
Collection Area: Mountain Lake Biological Station (MLBS)
Flight Plan Name: D07_MLBS_R2_P1_v5.pln
On Station: 0950L / 1350 UTC

**Flyority 3:**
Collection Area: Smithsonian Ecological Research Center (SERC)
Flight Plan Name: D02_SERC_R1_P1_v1.pln
On Station: 0940L / 1340 UTC

**Flyority 4:**
Collection Area: Blandy Experimental Farm (BLAN)
Flight Plan Name: D02_BLAN_R2_P1_v2.pln
On Station: 0950L / 1350 UTC

**Crew:**
Lidar: David Gambino
NIS: Heather Rogers
Ground / GPS: Doug Cavender