Date: 2021-09-04  
Flight Campaign ID: P1C2  
Airport, FBO ID, City: Ocala International Airport (KOCF) - Ocala, FL  
Aircraft: N331AR

Domain: 03 (Southeast)  
Sites Flown: OSBS_P1 (Ordway-Swisher Biological Station Priority 1)  
Days left in Domain: 30

Report Author: Mitch Haynes  
Lidar Operators: Mitch Haynes  
Spectrometer Operators: Cameron Chapman  
Pilots: Justin Eddington, Nick Koukoutsakis  
Flight Hours: 00:54  
Hours until maintenance: 44.08  
GPS Instruments: 05 - FBO_KOCF, AOP_OSBS

Summary
A favorable forecast and clear skies this morning had the crew feeling optimistic for a green collect over Ordway-Swisher, however between taking off from Ocala and arriving on station, cumulus clouds had already starting popping at and below our flight altitude. Two lines and an ad hoc cross strip were collected, with multiple eye safety shutoffs from clouds below the aircraft, before the collect was aborted.

Concerns
None

Comments
None

Daily Coverage
Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green</th>
<th>Yellow</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10%</td>
<td>11-50%</td>
<td>&gt;50%</td>
</tr>
</tbody>
</table>

D03|OSBS_P1

<table>
<thead>
<tr>
<th>Line #</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lidar</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Spectrometer</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Camera</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Cloud Cover</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Total number of lines flown: 2
Cumulative Domain Coverage

**D03|DSNY (Disney Wilderness Preserve)**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
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<th>9</th>
<th>10</th>
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<th>12</th>
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<th>16</th>
<th>17</th>
<th>18</th>
<th>19</th>
<th>20</th>
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<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
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<td>34</td>
<td>35</td>
<td>36</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flown: 0% (0/36)
Green: 0% (0/36)
Yellow: 0% (0/36)
Red: 0% (0/36)

**D03|JERC_P1 (Jones Ecological Research Center Priority 1)**

<table>
<thead>
<tr>
<th>1</th>
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<th>4</th>
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<tbody>
<tr>
<td>21</td>
<td>22</td>
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<td>25</td>
<td>26</td>
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</tr>
</tbody>
</table>

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

**D03|JERC_P2 (Jones Ecological Research Center Priority 2)**
Flown: 0% (0/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 0% (0/25)

D03|N03B (D03 Nominal Runway South)

Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

D03|OSBS_P1 (Ordway-Swisher Biological Station Priority 1)

Flown: 33% (9/27)
Green: 0% (0/27)
Yellow: 7% (2/27)
Red: 26% (7/27)

D03|OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

Flown: 0% (0/16)
Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 0% (0/16)

**Weather Forecast**

**Gainesville, FL (OSBS)**

<table>
<thead>
<tr>
<th>Sun 9/9</th>
<th>Mon 9/9</th>
<th>Tue 9/7</th>
<th>Wed 9/8</th>
<th>Thu 9/9</th>
<th>Fri 9/10</th>
<th>Sat 9/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>91°</td>
<td>72°F</td>
<td>86°</td>
<td>72°F</td>
<td>90°</td>
<td>72°F</td>
<td>87°</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>PM</td>
<td>PM</td>
<td>PM</td>
<td>Scattered</td>
<td>Scattered</td>
<td>PM</td>
</tr>
<tr>
<td>0 in</td>
<td>0.04 in</td>
<td>0.09 in</td>
<td>0.07 in</td>
<td>0.13 in</td>
<td>0.1 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

**Kissimmee, FL (DSNY)**

<table>
<thead>
<tr>
<th>Sun 9/9</th>
<th>Mon 9/9</th>
<th>Tue 9/7</th>
<th>Wed 9/8</th>
<th>Thu 9/9</th>
<th>Fri 9/10</th>
<th>Sat 9/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>92°</td>
<td>74°F</td>
<td>92°</td>
<td>74°F</td>
<td>92°</td>
<td>75°F</td>
<td>90°</td>
</tr>
<tr>
<td>PM Showers</td>
<td>PM</td>
<td>PM</td>
<td>PM</td>
<td>Scattered</td>
<td>Scattered</td>
<td>PM</td>
</tr>
<tr>
<td>0.04 in</td>
<td>0.15 in</td>
<td>0.1 in</td>
<td>0.19 in</td>
<td>0.1 in</td>
<td>0.14 in</td>
<td>0.09 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for September 5th 2021

Flyority 1
Collection Area: Ordway-Swisher Biological Station (OSBS) P1
Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml
On-Station Time: 1420 UTC / 1020 L

Flyority 2
Collection Area: Disney Wilderness Preserve (DSNY)
Flight Plan Name: D03_DSNY_R1_P1_v3_PRM.xml
On-Station Time: 1410 UTC/ 1010 L

Flyority 3
Collection Area: Jones Ecological Research Center (JERC) P1
Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml
On-Station Time: 1430 UTC/ 1030 L

Flyority 4
Collection Area: Ordway-Swisher Biological Station (OSBS) P2
Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml
On-Station Time: 1430 UTC/ 1030 L

Flyority 5
Collection Area: Jones Ecological Research Center (JERC) P2
Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml
On-Station Time: 1430 UTC/ 1030 L

Crew: Cam, Mitch