April 11, 2019 Payload 2 Daily Flight Report

Date: 2019-04-11
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Gainesville Regional Airport (KGNV) - Gainesville, FL

Domain: 03
Sites Flown: None
Days left in Domain: 12

Report Author: Michael Wussow
Flight Crew: Abe Morrison, Michael Wussow
Flight Hours: 00:00
Ground/GPS: None
Hours until maintenance: 78.50
Pilots: Justin Eddington, Micah Hoogeveen
Additional Personnel:
GPS Instruments: None

Summary
Fog and IFR conditions gave way to cumulus this morning in Gainesville. Clear skies prior to solar angle near DSNY quickly gave way to the ubiquitous low (3000ft) “small puffs” at almost exactly the start of collection time and survey altitude. No flights were conducted today.

Concerns
None

Comments
Mitch Haynes departed today to be replaced by Cameron Chapman.

Cumulative Domain Coverage

<p>| | | | | | | | | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

OSBS_P1
Flown: 0% (0/27)
Green: 0% (0/27)
Yellow: 0% (0/27)
Red: 0% (0/27)

OSBS_P2
Flown: 0% (0/16)
Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 0% (0/16)
Above: clear skies prior to solar angle start time

Above: quickly building low cumulus at DSNY at start of solar angle
Above: low cumulus dominating the sky 30 minutes after solar angle start

Weather Forecast
Gainesville, FL

<table>
<thead>
<tr>
<th>Fri 4/12</th>
<th>Sat 4/13</th>
<th>Sun 4/14</th>
<th>Mon 4/15</th>
<th>Tue 4/16</th>
<th>Wed 4/17</th>
<th>Thu 4/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>89°</td>
<td>68° F</td>
<td>90°</td>
<td>70° F</td>
<td>91°</td>
<td>63° F</td>
<td>80°</td>
</tr>
<tr>
<td>Mostly Cloudy</td>
<td>Cloudy</td>
<td>Cloudy</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Cloudy</td>
<td>Cloudy</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0.21 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 11 April 2019

**Flyority 1:**
Collection Area: Disney Wilderness Preserve (DSNY)
Flight Plan Name: D03_DSNY_R1_P1_v3.pln
On Station Time: 1020 L / 1420 UTC

**Flyority 2:**
Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan
Flight Plan Name: D03_OSBS_C1_P1_P2_v3.pln
On Station Time: 1020 L / 1420 UTC

**Flyority 3:**
Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan
Flight Plan Name: D03_OSBS_C1_P1_P2_v3.pln
On Station Time: 1020 L / 1420 UTC

**Flyority 4:**
Collection Area: Nominal Runway – D03
Flight Plan Name: D03_N03A_Nominal_Runway_Test_v1.pln
On Station Time: N/A

**Crew:** Abe Morrison (LiDAR), Mike Wussow (NIS), Cameron Chapman (Ground/GPS)