October 4, 2018 Payload 2 Daily Flight Report

Date: 2018-10-04
Flight Campaign ID: 2018_P2C1
Airport, FBO ID, City: Gainesville Regional Airport (KGNV) - Gainesville, FL

Domain: 03
Sites Flown: OSBS_P2 (Ordway-Swisher Biological Station Priority 2)
Days left in Domain: 7

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Abe Morrison
Ground/GPS: Cameron Chapman
Pilots: Dylan Malfatti, Mike Francis
Additional Personnel:
GPS Instruments: 10 - OSBS, C-GNVL

Flight Hours: 00:30
Hours until maintenance: 81.52

Summary
Forecasts this morning showed rain showers for Kissimmee, ruling out a Disney collect, with Gainesville/Ordway-Swisher looking more promising. Working outside of the normal 40° sun angle restrictions, crew attempted an earlier collect in an effort to gain initial coverage over the remainder of un-flown lines. This plan was foiled once again by quick building cumulus clouds and the flight was aborted before any usable data was collected.

Concerns
None

Comments
Crew will attempt collect tomorrow before transitioning operations from Gainesville down to Kissimmee for the remainder of D03

Flight Screenshots

Above: Crew couldn’t even complete a cross strip before clouds forced us to abort collect.
Above: Cloud conditions above Ordway-Swisher today.

**Cumulative Domain Coverage**

**DSNY**

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

**JERC_P1**

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- Flown: 100% (26/26)
- Green: 96% (25/26)
- Yellow: 27% (7/26)
- Red: 19% (5/26)

**JERC_P2**

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- Flown: 100% (25/25)
- Green: 40% (10/25)
- Yellow: 56% (14/25)
- Red: 12% (3/25)
### OSBS_P1

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Flown: 81% (22/27)
Green: 0% (0/27)
Yellow: 0% (0/27)
Red: 81% (22/27)

### OSBS_P2

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

### Weather Forecast

**Gainesville, FL**

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<thead>
<tr>
<th>Fri 10/5</th>
<th>Sat 10/6</th>
<th>Sun 10/7</th>
<th>Mon 10/8</th>
<th>Tue 10/9</th>
<th>Wed 10/10</th>
<th>Thu 10/11</th>
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<tbody>
<tr>
<td>92°</td>
<td>68° F</td>
<td>91°</td>
<td>69° F</td>
<td>90°</td>
<td>72° F</td>
<td>89°</td>
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<tr>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Scattered Thunderstorms 0.14 in</td>
<td>Scattered Thunderstorms 0.1 in</td>
<td>PM Thunderstorms</td>
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**Kissimmee, FL**

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<tr>
<td>90°</td>
<td>72° F</td>
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<td>90°</td>
<td>74° F</td>
<td>90°</td>
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<tr>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Showers</td>
<td>PM Thunderstorms 0.06 in</td>
<td>PM Thunderstorms 0.04 in</td>
<td>PM Thunderstorms 0.15 in</td>
<td>PM Thunderstorms 0.2 in</td>
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Flight Collection Plan for 5 Oct 2018

Flyority 1
Collection Area: Disney Wilderness Preserve (DSNY)
Flight Plan Name: D03_DSNY_R1_P1_v2B.pln
40° On Station Time: 1040 Local / 1440 UTC
30° On Station Time: 0950 Local / 1350 UTC

Flyority 2
Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan Lines 2–6 & if “Green” add 7–27
Flight Plan Name: D03_OSBS_C1_P1_v2B.pln
40° On Station Time: 1050 Local / 1450 UTC
30° On Station Time: 1050 Local / 1450 UTC

Flyority 3
Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan
Flight Plan Name: D03_OSBS_C1_P2_v2B.pln
40° On Station Time: 1050 Local / 1450 UTC
30° On Station Time: 1000 Local / 1400 UTC

Crew
Lidar: Abe Morrison NIS: Cameron Chapman Ground: Mitch Haynes