April 8, 2019 Payload 2 Daily Flight Report

Date: 2019-04-08
Flight Campaign ID: 2019_P2C1
Airport, FBO ID, City: Gainesville Regional Airport (KGNV) - Gainesville, FL

Domain: 03
Sites Flown: None
Days left in Domain: 15

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Abe Morrison
Ground/GPS: Michael Wussow
Pilots: Justin Eddington, Micah Hoogeveen
Additional Personnel:
GPS Instruments: None

Summary
No flights attempted today due to weather – heavy fog/IFR conditions this morning followed by building cumulus clouds and afternoon showers.

Concerns
None

Comments
None

Cumulative Domain Coverage

| DSNY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
|      | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |    |    |    |    |

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

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OSBS_P1

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |

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Yellow: 0% (0/27)
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OSBS_P2

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 28|29 |30 |31 |32 |33 |34 |35 |36 |37 |38 |39 |40 |41 |42 |43 |

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

Pictures

MODIS Satellite imagery over Florida today. Terra taken this morning on the left, Aqua taken this afternoon on the right.
Weather Forecast
Gainesville, FL

<table>
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<tr>
<th></th>
<th>Tue 4/9</th>
<th>Wed 4/10</th>
<th>Thu 4/11</th>
<th>Fri 4/12</th>
<th>Sat 4/13</th>
<th>Sun 4/14</th>
<th>Mon 4/15</th>
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<tbody>
<tr>
<td>Temp</td>
<td>80°</td>
<td>84°</td>
<td>87°</td>
<td>89°</td>
<td>90°</td>
<td>90°</td>
<td>86°</td>
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<tr>
<td>Cond.</td>
<td>Thunderstorms</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Cloudy</td>
<td>Mostly Cloudy</td>
<td>AM Showers</td>
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<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.04 in</td>
<td>0.03 in</td>
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Kissimmee, FL

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<th>Wed 4/10</th>
<th>Thu 4/11</th>
<th>Fri 4/12</th>
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<th>Mon 4/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp</td>
<td>81°</td>
<td>82°</td>
<td>87°</td>
<td>90°</td>
<td>89°</td>
<td>90°</td>
<td>88°</td>
</tr>
<tr>
<td>Cond.</td>
<td>Thunderstorms</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Sunny</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Scattered Thunderstorms</td>
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<td>Precip.</td>
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<td>0 in</td>
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<td>0 in</td>
<td>0 in</td>
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<td>0.06 in</td>
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Flight Collection Plan for 09 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 / 1430 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 / 1430 UTC

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

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