Date: 2018-06-03
Flight Campaign ID: 2018_P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC

Domain: 07
Sites Flown: None
Days left in Domain: 20

Report Author: Abe Morrison
Flight Crew: Abe Morrison, Robb Walker
Ground/GPS: Ivana Vu
Pilots: Mike Francis, Hans Germann

Additional Personnel:
GPS Instruments: 09 - FBO_KAVL, 07- AOP_MLBS, 08-AOP_GRSM, C-TN16, TDOT-TN1A

Flight Hours: 00:24
Hours until maintenance: 124.60

Summary
With the reported weather looking favorable and the GRSM park service webcams offline this morning, the crew took to the air for the first time in weeks!!! Unfortunately low clouds at the survey site would not allow for any collections and thunderstorms started to develop by midday. The weather for tomorrow is looking good.

Concerns
Science flights will continue when the NIS issue is resolved. The FPIE PSU, FPIE box, and associated cables were reported functional with a spare FPA at JPL as they continue to troubleshoot the problem.

Comments
None

Pictures

Approaching GRSM site. Photo by Robb Walker
### Cumulative Domain Coverage

**GRSM_P1**

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<td>25% (15/61)</td>
<td>Yellow</td>
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<td>Red</td>
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Flown: 0% (0/106)
Green: 0% (0/106)
Yellow: 0% (0/106)
Red: 0% (0/106)

### Weather Forecast

**Asheville, NC (FBO-KAVL)**

<table>
<thead>
<tr>
<th>Mon 6/4</th>
<th>Tue 6/5</th>
<th>Wed 6/6</th>
<th>Thu 6/7</th>
<th>Fri 6/8</th>
<th>Sat 6/9</th>
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<tbody>
<tr>
<td>78°</td>
<td>54° F</td>
<td>Sunny</td>
<td>79°</td>
<td>59° F</td>
<td>Partly Cloudy</td>
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Cloud Cover (%) | Chance of Precip (%)
Flight Collection Plan for 4 June 2018:

**Flyority 1:**
Collection Area: Camera Boresight at GRSM  
Flight Plan Name: D07_B07A_Cam_Boresight_v2_Q780  
On-station Time: 1400 UTC / 1000 L  

**Flyority 2:**
Collection Area: Nominal Forest Survey at GRSM  
Flight Plan Name: D01_J07B_Nominal_Forest_Survey_v2  
On-station Time: 1400 UTC / 1000 L  

**Crew:** Robb Walker (Lidar), Ivana Vu (NIS), Abe Morrison (Ground)
Flight Collection Plan for 5 June 2018:

Flyority 1:
Collection Area: Camera Boresight at GRSM
Flight Plan Name: D07_B07A_Cam_Boresight_v2_Q780
On-station Time: 1400 UTC / 1000 L

Flyority 2:
Collection Area: Nominal Forest Survey at GRSM
Flight Plan Name: D01_J07B_Nominal_Forest_Survey_v2
On-station Time: 1400 UTC / 1000 L

Crew: Abe Morrison (Lidar), Robb Walker (NIS), Ivana Vu (Ground)