Date: 2022-11-07
Flight Campaign ID: P1C1
Airport, FBO ID, City: Rafeal Hernandez International Airport (TJBQ) - Aguadilla, Puerto Rico
Aircraft: N331AR

Domain: 04 (Atlantic Neotropical)
Sites Flown: None
Days left in Domain: 5

Report Author: Elissa
Lidar Operators: Elissa
Spectrometer Operators: Mitch
Pilots: Magnus, Justin

Flight Hours: 00:00
Hours until maintenance: 61.72

Summary
A line of showers and thunderstorms moved across the island throughout the day preventing any opportunity to green up at any sites. The crew instead took to the grounds, collecting GPS ground validation points within the Lajas flight box.

Concerns
None

Comments
None

Photos

Above: A full day of GPS Ground Validation Collects
Cumulative Domain Coverage

D04|CUPE (Rio Cupeyes)

Flown: 100% (10/10)
Green: 0% (0/10)
Yellow: 40% (4/10)
Red: 60% (6/10)

D04|GUAN (Guanica Forest)

Flown: 100% (34/34)
Green: 0% (0/34)
Yellow: 91% (31/34)
Red: 9% (3/34)

D04|GUIL (Rio Guilarte)

Flown: 100% (15/15)
Green: 0% (0/15)
Yellow: 0% (0/15)
Red: 100% (15/15)

D04|LAJA (Lajas Experimental Station)

Flown: 100% (22/22)
Green: 36% (8/22)
Yellow: 50% (11/22)
Red: 14% (3/22)

D04|N04C (D04 Nominal Runway)

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

D04|R04A ()

Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)
Weather Forecast
Guayanilla, Puerto Rico (GUAN)

<table>
<thead>
<tr>
<th></th>
<th>Tue 11/8</th>
<th>Wed 11/9</th>
<th>Thu 11/10</th>
<th>Fri 11/11</th>
<th>Sat 11/12</th>
<th>Sun 11/13</th>
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<tbody>
<tr>
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<td>Cloud</td>
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<td>Scattered</td>
<td>Thunderstorms</td>
<td>PM</td>
<td>Thunderstorms</td>
<td>Scattered</td>
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<tr>
<td>Precip</td>
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<td>0.22 in</td>
<td>0.15 in</td>
<td>0.03 in</td>
<td>0.07 in</td>
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San German, Puerto Rico (LAJA & CUPE)

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<tbody>
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<td>PM</td>
<td>Thunderstorms</td>
<td>PM</td>
</tr>
<tr>
<td>Precip</td>
<td>0.2 in</td>
<td>0.12 in</td>
<td>0.17 in</td>
<td>0.06 in</td>
<td>0.09 in</td>
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Adjuntas, Puerto Rico (GUIL)

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source: wunderground.com
Flight Collection Plan for 8 November 2022

Flyority 1
Collection Area: Guanica Forest (GUAN) ** If “Green” sky conditions**
Flight Plan Name: D04_GUAN_C1_P1_v1_PRM.xml
On-station Time: 1340 UTC / 0940 L

Flyority 2
Collection Area: Lajas Experimental Station (LAJA) ** If “Green” sky conditions**
Flight Plan Name: D04_LAJA_R1_P1_v6_PRM.xml
On-station Time: 1340 UTC / 0940 L

Flyority 3
Collection Area: Rio Cupeyes (CUPE) ** If “Green” sky conditions**
Flight Plan Name: D04_CUPE_A1_P1_v1_PRM.xml
On-station Time: 1340 UTC / 0940 L

Flyority 4
Collection Area: Rio Guilarte (GUIL) ** If “Green” sky conditions**
Flight Plan Name: D04_GUIL_A2_P1_v2_PRM.xml
On-station Time: 1340 UTC / 0940 L

Crew: Elissa (Lidar), Mitch (NIS)