Date: 2022-11-04
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: 8

Report Author: Mitch
Lidar Operators: Mitch    Flight Hours: 00:00
Spectrometer Operators: Elissa    Hours until maintenance: 61.72
Pilots: Justin, Magnus

Summary
Almost uniform overcast conditions across the island this morning, eventually building to shower activity and scattered thunderstorms in the afternoon. No flights were conducted.

Concerns
None

Comments
None

Cumulative Domain Coverage

D04|CUPE (Rio Cupeyes)

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
---|---|---|---|---|---|---|---|---|---|----|
Flown: 100% (10/10)
Green: 0% (0/10)
Yellow: 40% (4/10)
Red: 60% (6/10)

D04|GUAN (Guanica Forest)

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
Flown: 100% (34/34)
Green: 0% (0/34)
Yellow: 91% (31/34)
Red: 9% (3/34)

D04|GUIL (Rio Guilarte)

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
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>Sat 11/5</th>
<th>Sun 11/6</th>
<th>Mon 11/7</th>
<th>Tue 11/8</th>
<th>Wed 11/9</th>
<th>Thu 11/10</th>
<th>Fri 11/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>**77°</td>
<td>74°F**</td>
<td>**84°</td>
<td>74°F**</td>
<td>**82°</td>
<td>74°F**</td>
<td>**83°</td>
</tr>
<tr>
<td>Rain</td>
<td>Scattered Thunderstorms</td>
<td>Thunderstorms</td>
<td>Thunderstorms</td>
<td>Thunderstorms</td>
<td>Scattered Thunderstorms</td>
<td>Scattered Thunderstorms</td>
</tr>
<tr>
<td>1.66 in</td>
<td>0.5 in</td>
<td>0.71 in</td>
<td>0.37 in</td>
<td>0.21 in</td>
<td>0.1 in</td>
<td>0.11 in</td>
</tr>
</tbody>
</table>

San German, Puerto Rico (LAJA & CUPE)

<table>
<thead>
<tr>
<th>Sat 11/5</th>
<th>Sun 11/6</th>
<th>Mon 11/7</th>
<th>Tue 11/8</th>
<th>Wed 11/9</th>
<th>Thu 11/10</th>
<th>Fri 11/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>**77°</td>
<td>72°F**</td>
<td>**83°</td>
<td>72°F**</td>
<td>**82°</td>
<td>73°F**</td>
<td>**83°</td>
</tr>
<tr>
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<td>Thunderstorms</td>
<td>Thunderstorms</td>
<td>Thunderstorms</td>
<td>Scattered Thunderstorms</td>
<td>Thunderstorms</td>
</tr>
<tr>
<td>1.14 in</td>
<td>0.26 in</td>
<td>0.46 in</td>
<td>0.26 in</td>
<td>0.14 in</td>
<td>0.12 in</td>
<td>0.15 in</td>
</tr>
</tbody>
</table>
Adjuntas, Puerto Rico (GUIL)

<table>
<thead>
<tr>
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<th>Mon 11/7</th>
<th>Tue 11/8</th>
<th>Wed 11/9</th>
<th>Thu 11/10</th>
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<td>72°F</td>
<td>82°</td>
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<tr>
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<td>Scattered</td>
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<td>0.12 in</td>
<td>0.15 in</td>
</tr>
</tbody>
</table>

source: wunderground.com

Flight Collection Plan for 5 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)