Date: 2022-10-19
Flight Campaign ID: P1C1
Airport, FBO ID, City: Rafael Hernandez International Airport (TJBQ) - Aguadilla, Puerto Rico
Aircraft: N331AR

Domain: 04 (Atlantic Neotropical)
Sites Flown: None
Days left in Domain: 24

Report Author: Cameron
Lidar Operators: Cameron       Flight Hours: 00:00
Spectrometer Operators: Abe    Hours until maintenance: 75.20
Pilots: Brent, Justin

Summary
The crew mobilized to the airport this morning and kept in close contact with the ground team in hopes of conducting a calibration flight over the AOP tarps. Unfortunately, the clouds began to build prior to the solar angle and the ground team called off the flight. The clouds continued to build throughout the day coupled with rain showers / thunderstorms. No flights were conducted.

Concerns
- None

Comments
- None

Daily Coverage
Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

D04|CUPE (Rio Cupeyes)

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Yellow: 0% (0/10)
Red: 0% (0/10)
**D04|GUAN (Guanica Forest)**

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**D04|GUIL (Rio Guilarte)**

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Yellow: 0% (0/15)
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**D04|LAJA (Lajas Experimental Station)**

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Yellow: 0% (0/22)
Red: 0% (0/22)

**D04|NO4C (D04 Nominal Runway)**

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Yellow: 0% (0/2)
Red: 0% (0/2)

**Weather Forecast**

Guayanilla, Puerto Rico (GUAN)

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<tr>
<th>Thu 10/20</th>
<th>Fri 10/21</th>
<th>Sat 10/22</th>
<th>Sun 10/23</th>
<th>Mon 10/24</th>
<th>Tue 10/25</th>
<th>Wed 10/26</th>
</tr>
</thead>
<tbody>
<tr>
<td>86°</td>
<td>173°F</td>
<td>87°</td>
<td>171°F</td>
<td>87°</td>
<td>72°F</td>
<td>87°</td>
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Thunderstorms

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<th>Sun 10/23</th>
<th>Mon 10/24</th>
<th>Tue 10/25</th>
<th>Wed 10/26</th>
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</thead>
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<tr>
<td>0.1 in</td>
<td>0.8 in</td>
<td>0.1 in</td>
<td>0.07 in</td>
<td>0.04 in</td>
<td>0.21 in</td>
<td>0.83 in</td>
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Flight Collection Plan for 20 October 2022

Flyority 1
Collection Area: Guanica Forest (GUAN)
Flight Plan Name: D04_GUAN_C1_P1_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 2
Collection Area: Lajas Experimental Station (LAJA)
Flight Plan Name: D04_LAJA_R1_P1_v6_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 3
Collection Area: Rio Cupeyes (CUPE)
Flight Plan Name: D04_CUPE_A1_P1_v1_PRM.xml
On-station Time: 1330 UTC / 0930 L
Flyority 4
Collection Area: Rio Guilarte (GUIL)
Flight Plan Name: D04_GUIL_A2_P1_v2_PRM.xml
On-station Time: 1330 UTC / 0930 L

Flyority 5
Collection Area: D04 Nominal Runway
Flight Plan Name: D04_N04C_Nominal_Runway_Test_v1_PRM.xml
On-station Time: NA

CREW:
Lidar: Abraham NIS: Cam