Payload 1 Daily Flight Report

Date: 2022-11-06  
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: 6

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

Summary  
Today presented a promising break in the rainy systems that have been passing through, but a substantial amount of low cumulus still hovered over the sites. Conditions for 'greening up' did not materialize and no flights were conducted.

Concerns  
None.

Comments  
We are continuing to evaluate our options for the upcoming transit, given runway closures that could impact operations and departure.

Cumulative Domain Coverage

Estimated Cloud Cover Key  
- Green: 0-10%  
- Yellow: 11-50%  
- Red: >50%

D04|CUPE (Rio Cupeyes)  
Flown: 100% (10/10)  
Green: 0% (0/10)  
Yellow: 40% (4/10)  
Red: 60% (6/10)
D04|GUAN (Guanica Forest)

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

D04|GUIL (Rio Guilarte)

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

D04|LAJA (Lajas Experimental Station)

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

D04|N04C (D04 Nominal Runway)

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

D04|R04A ()

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Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

Weather Forecast
Guayanilla, Puerto Rico (GUAN)
Flight Collection Plan for 7 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: Mitch (Lidar), Elissa (NIS)