



## Payload 1 Daily Flight Report



**Date:** 2022-11-10

**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:** 2

**Report Author:** Elissa

**Lidar Operators:** Elissa

**Flight Hours:** 00:00

**Spectrometer Operators:** Cameron

**Hours until maintenance:** 61.72

**Pilots:** Magnus, Justin

**Ground Crew:** Mitch

### Summary

The weather is improving and we had an 'almost green' morning here today, but a bit too much cloud cover for greening up the sites.

### Concerns

None.

### Comments

- The remaining flight ops equipment was dropped off at FedEx for shipment today, including the hotel kit and the hangar GPS unit. Much of this was palletized.
- Transit plans are being finalized with the pilots, still planning on an early morning departure on Saturday (ahead of runway closures).
- Tomorrow is the last potential collection day. Mitch departs the domain early tomorrow morning. Thanks for the hard work and safe travels back to Boulder!

### Cumulative Domain Coverage

Estimated Cloud Cover Key

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

D04 | CUPE (Rio Cupeyes)

1	2	3	4	5	6	7	8	9	10
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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
21	22	23	24	25	26	27	28	29	30	31	32	33	34						

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
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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)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22																		

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

D04 | N04C (D04 Nominal Runway)

1	2
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Flown: 100% (2/2)  
Green: 0% (0/2)  
Yellow: 0% (0/2)  
Red: 100% (2/2)

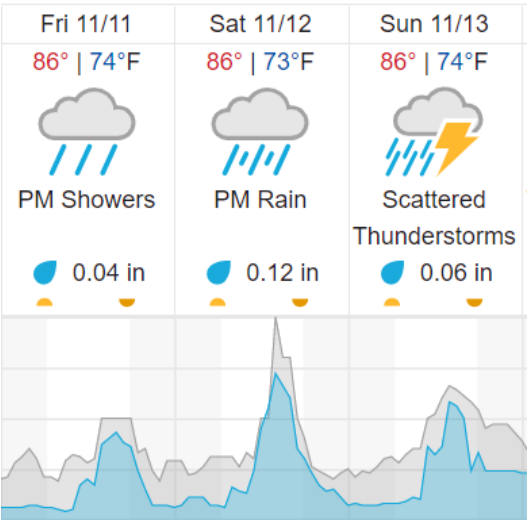
D04 | R04A ( )

1	2	3	4	5
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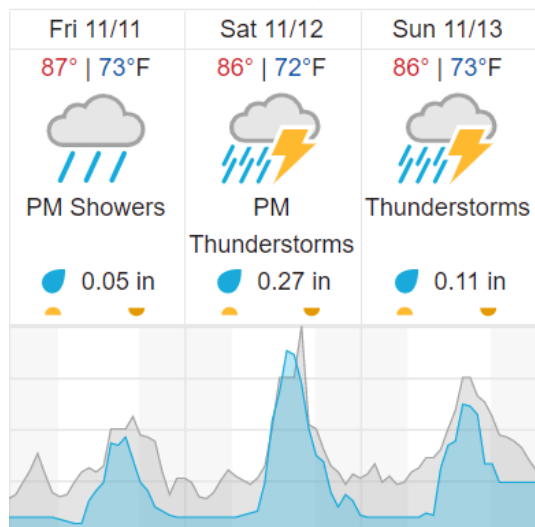
Flown: 100% (5/5)  
Green: 100% (5/5)  
Yellow: 0% (0/5)  
Red: 0% (0/5)

Weather Forecast

Guayanilla, Puerto Rico (GUAN)

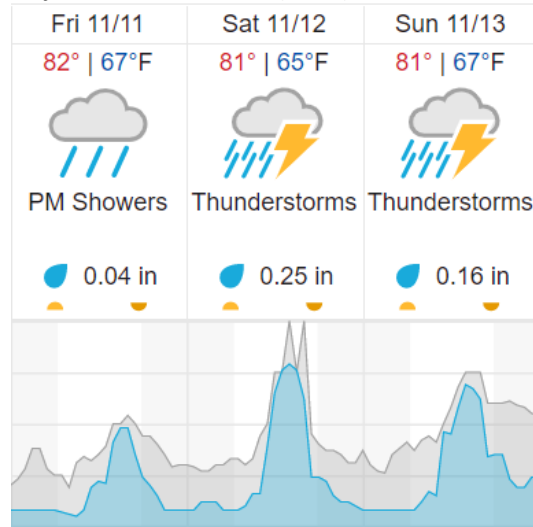


### San German, Puerto Rico (LAJA & CUPE)



source: wunderground.com

### Adjuntas, Puerto Rico (GUIL)



## Flight Collection Plan for 10 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:** Cam (Lidar), Elissa (NIS)