



## Payload 1 Daily Flight Report



**Date:** 2022-11-09

**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:** Mitch

**Lidar Operators:** Mitch

**Flight Hours:** 00:00

**Spectrometer Operators:** Elissa

**Hours until maintenance:** 61.72

**Pilots:** Justin , Magnus

### Summary

Another day of dealing with heavy tropical moisture; rain showers and scattered thunderstorms throughout the region prevented any opportunity of a “green up” at any sites.

### Concerns

None

### Comments

- Upcoming NATAMs have confirmed runway closures from 8am-6pm L this weekend at TJBQ Airport in Aguadilla. Given this and the lack of positive forecast, the crew will look to depart D04 early Saturday morning prior to the runway closures, which will be one day earlier than scheduled. This should allow enough time for Tropical Storm Nicole to move far enough north that it will not be a factor once the plane reaches Florida. Given the Saturday departure, the crew is estimating either a Monday or Tuesday arrival back in Boulder.
- Tour with local D04 Staff is confirmed for Friday.
- Cameron arrived back in Aguadilla this afternoon, rejoining the crew after some time off. Welcome back, Cam!
- RAID 25 was shipped back to the Denver Data Center today and the Hotel Kit room packed up. HK1 will remain offline until the plane has arrived back in Boulder.
- AOP Field Science equipment was also shipped back to Boulder today.

### Cumulative Domain Coverage

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)

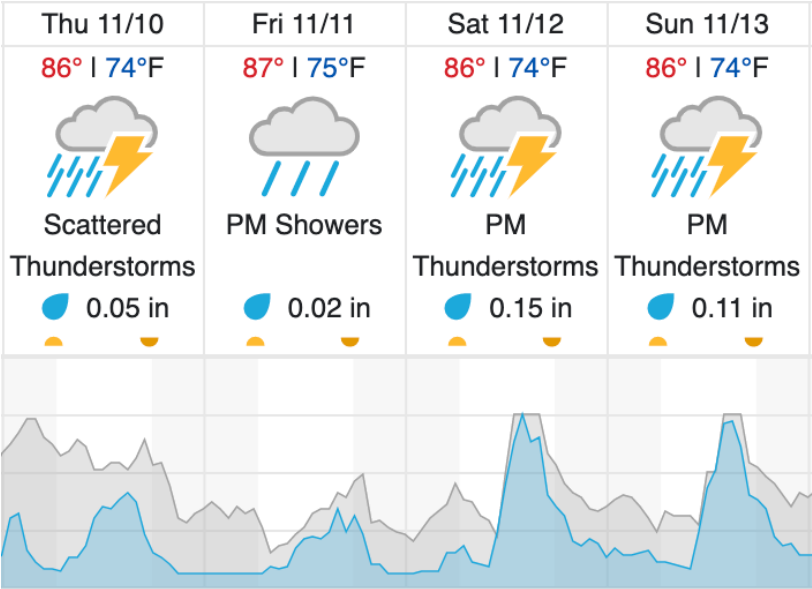
Green: 100% (5/5)

Yellow: 0% (0/5)

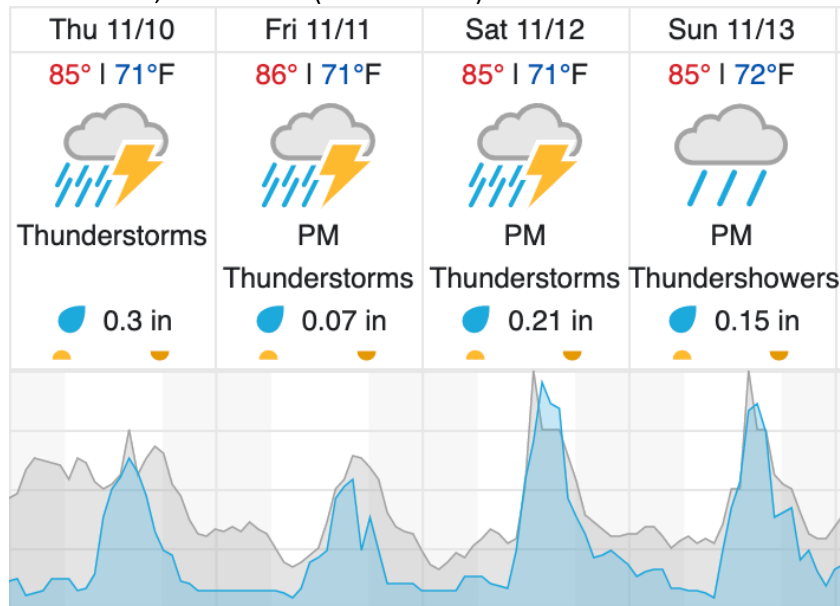
Red: 0% (0/5)

Weather Forecast

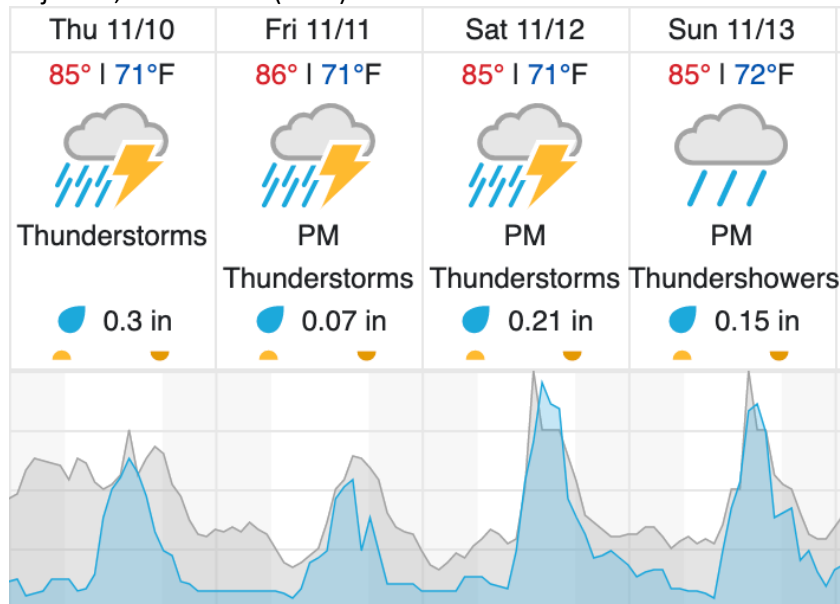
Guayanilla, Puerto Rico (GUAN)



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



### Adjuntas, Puerto Rico (GUIL)



source: wunderground.com

### 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:** Elissa (Lidar), Mitch (NIS), Cam (Ground)