



## Payload 1 Daily Flight Report



**Date:** 2022-10-25

**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:** 18

**Report Author:** Cameron

**Lidar Operators:** Cameron      **Flight Hours:** 00:00

**Spectrometer Operators:** Abe      **Hours until maintenance:** 67.97

**Pilots:** Magnus, Brent

**Ground Crew:** Elissa

### Summary

A cloudy and rainy day across the region. No flights were conducted.

### Concerns

- Ion pump control box is indicating "arching" and has been turned off per AOP lab.

### Comments

- D04 Hg lamp test completed today.
- Pilot Magnus arrived last night and replaced Brent.

### Daily Coverage

Estimated Cloud Cover Key

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

**Flight Screenshots:** None

**Pictures:** 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
21	22	23	24	25	26	27	28	29	30	31	32	33	34						

Flown: 53% (18/34)

Green: 0% (0/34)

Yellow: 44% (15/34)  
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)

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

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

D04 | N04C (D04 Nominal Runway)

1	2
---	---

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

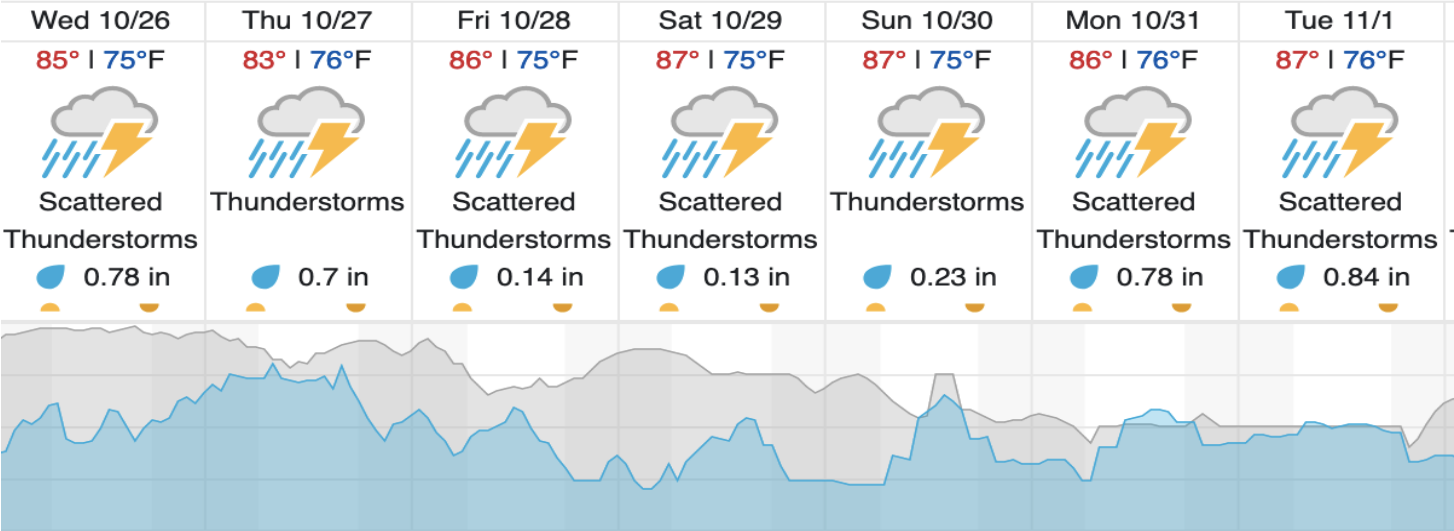
D04 | R04A ( )

1	2	3	4	5
---	---	---	---	---

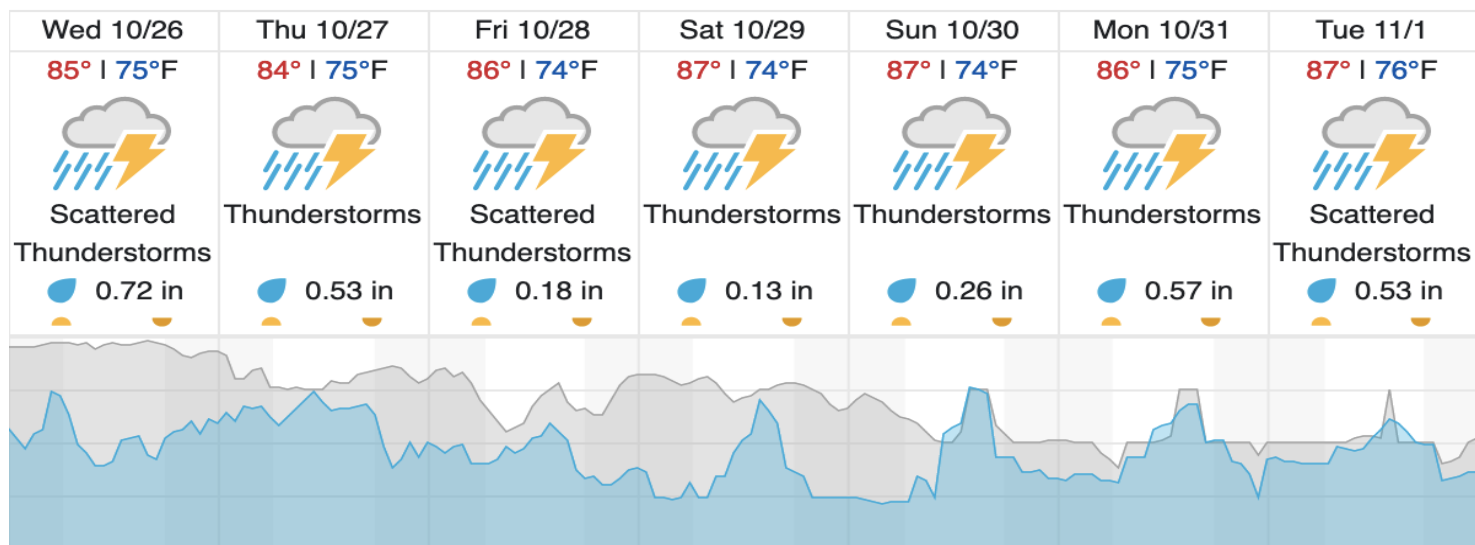
Flown: 100% (5/5)  
Green: 100% (5/5)  
Yellow: 0% (0/5)  
Red: 0% (0/5)

Weather Forecast

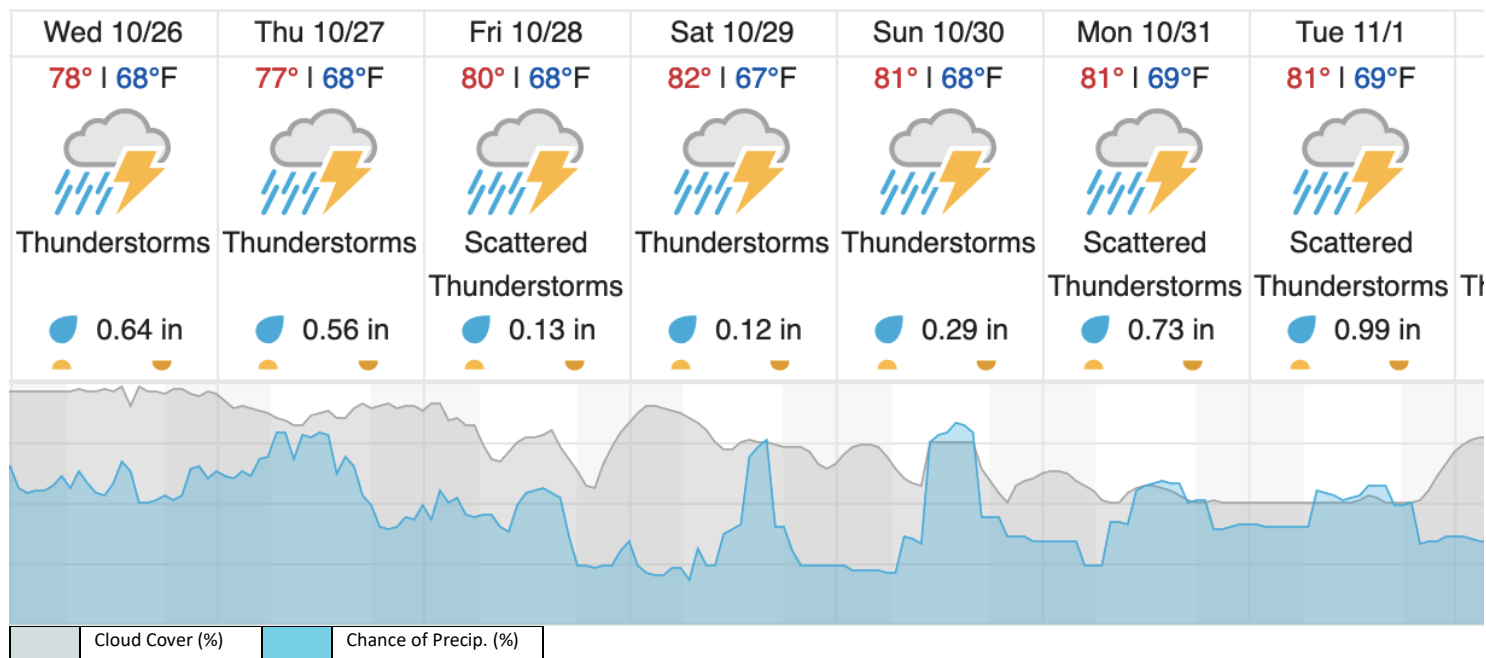
Guayanilla, Puerto Rico (GUAN)



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



## Adjuntas Puerto Rico (GUIL)



source: wunderground.com

## Flight Collection Plan for 26 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:** Elissa **NIS:**