



Payload 1 Daily Flight Report



Date: 2022-10-23

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: 20

Report Author: Cameron

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

Spectrometer Operators: Abe **Hours until maintenance:** 70.90

Pilots: Brent, Justin

Summary

The clouds formed early and continued to build throughout the day. No flights were conducted.

Concerns

- None

Comments

- Elissa is scheduled to arrive in D04 late tonight.

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
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Flown: 40% (4/10)

Green: 0% (0/10)

Yellow: 40% (4/10)

Red: 0% (0/10)

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: 47% (16/34)

Green: 0% (0/34)

Yellow: 44% (15/34)

Red: 3% (1/34)

D04 | GUIL (Rio Guilarte)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Flown: 0% (0/15)
Green: 0% (0/15)
Yellow: 0% (0/15)
Red: 0% (0/15)

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

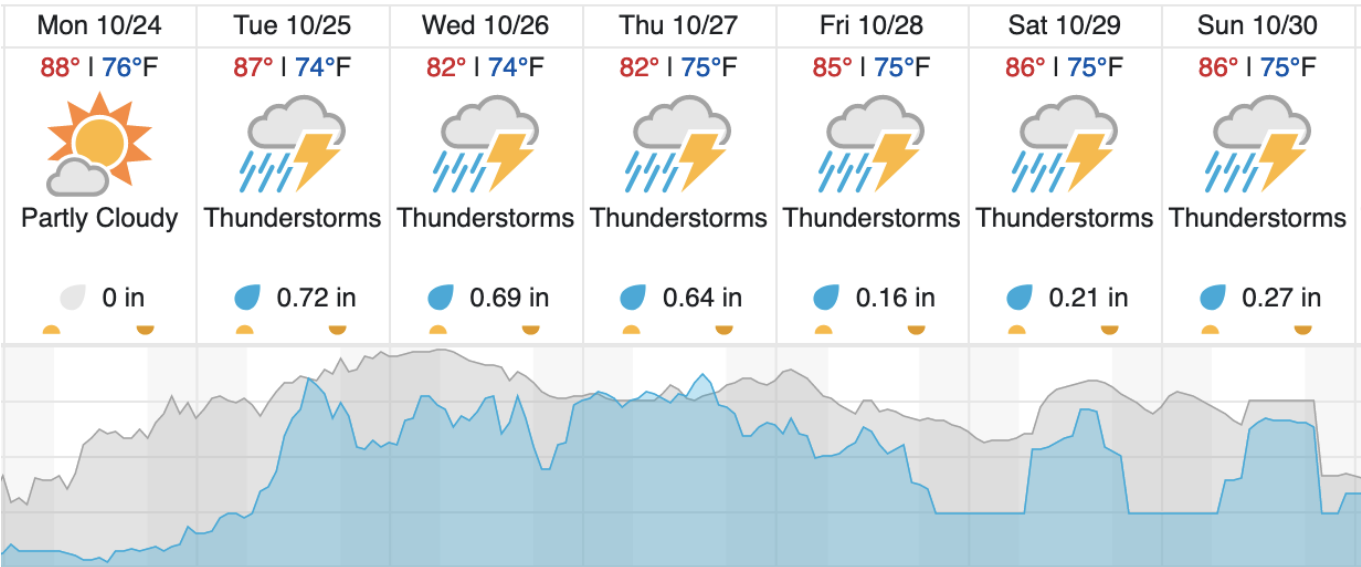
D04 | R04A ()

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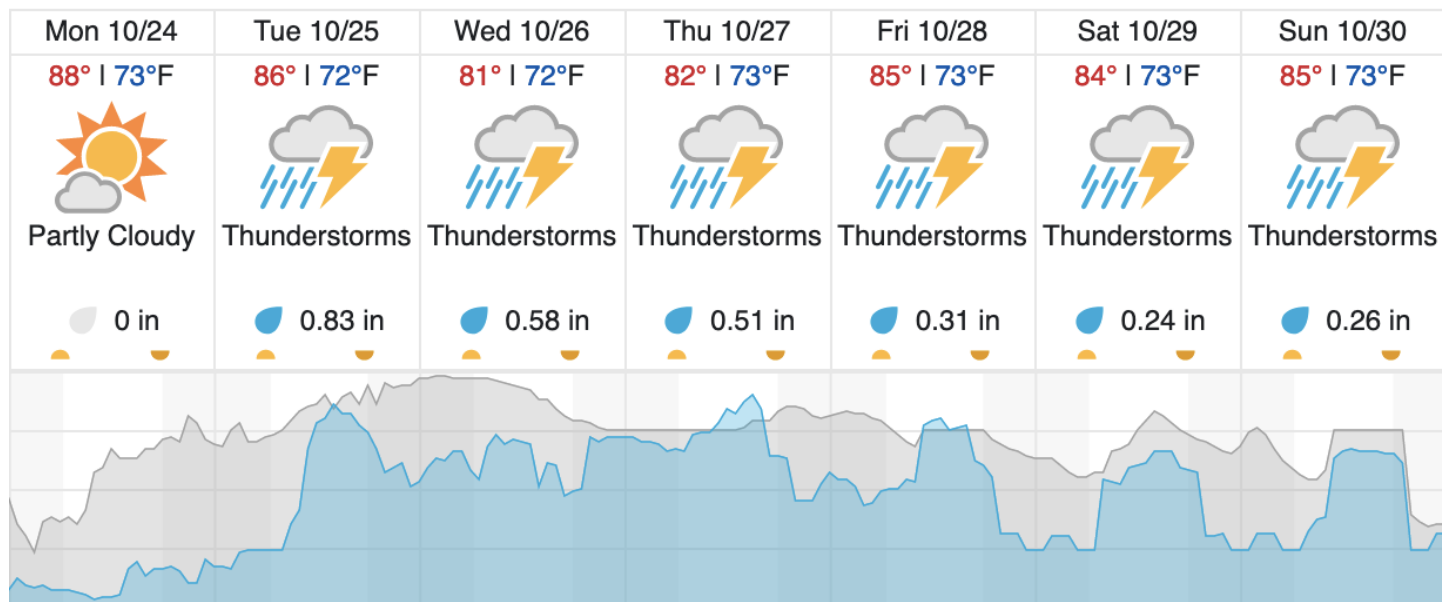
Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

Weather Forecast

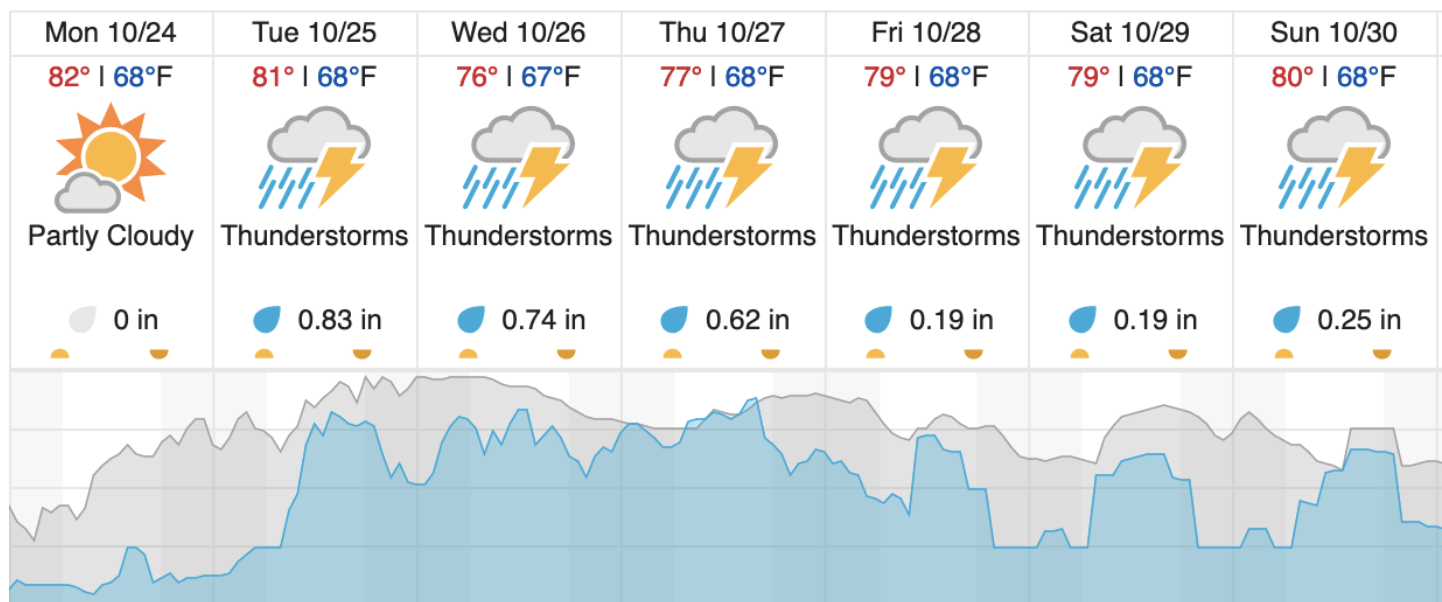
Guayanilla, Puerto Rico (GUAN)



San German, Puerto Rico (LAJA & CUPE)



Adjuntas Puerto Rico (GUIL)



source: wunderground.com

Flight Collection Plan for 24 October 2022

Flyority 1

Collection Area: Guanica Forest (GUAN)

Flight Plan Name: D04_GUAN_C1_P1_v1_PR.M.xml

On-station Time: 1330 UTC / 0930 L

Flyority 2

Collection Area: Lajas Experimental Station (LAJA)

Flight Plan Name: D04_LAJA_R1_P1_v6_PR.M.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: Abrahams **NIS:** Cameron