



Payload 1 Daily Flight Report



Date: 2022-11-07

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: 5

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 61.72

Pilots: Magnus, Justin

Summary

A line of showers and thunderstorms moved across the island throughout the day preventing any opportunity to green up at any sites. The crew instead took to the grounds, collecting GPS ground validation points within the Lajas flight box.

Concerns

None

Comments

None

Photos



Above: A full day of GPS Ground Validation Collects

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)

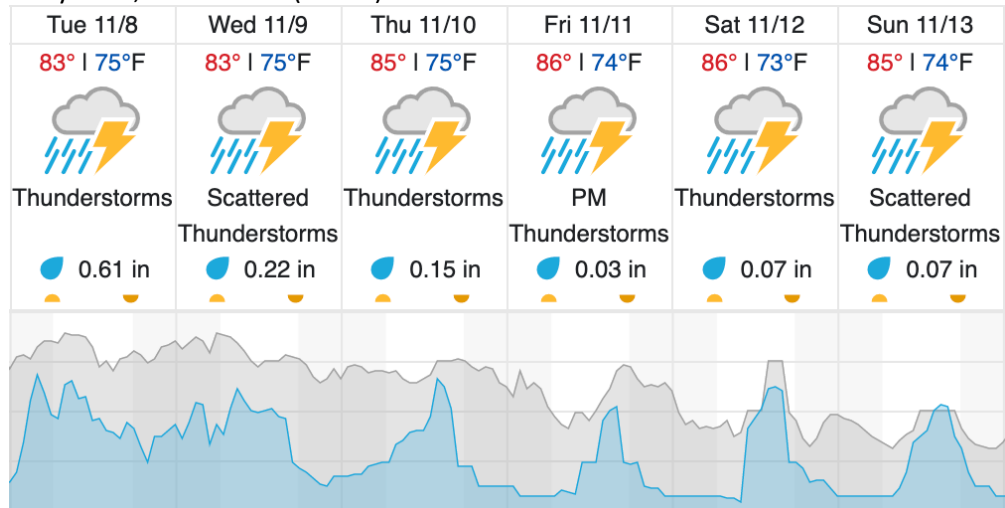
D04|R04A ()

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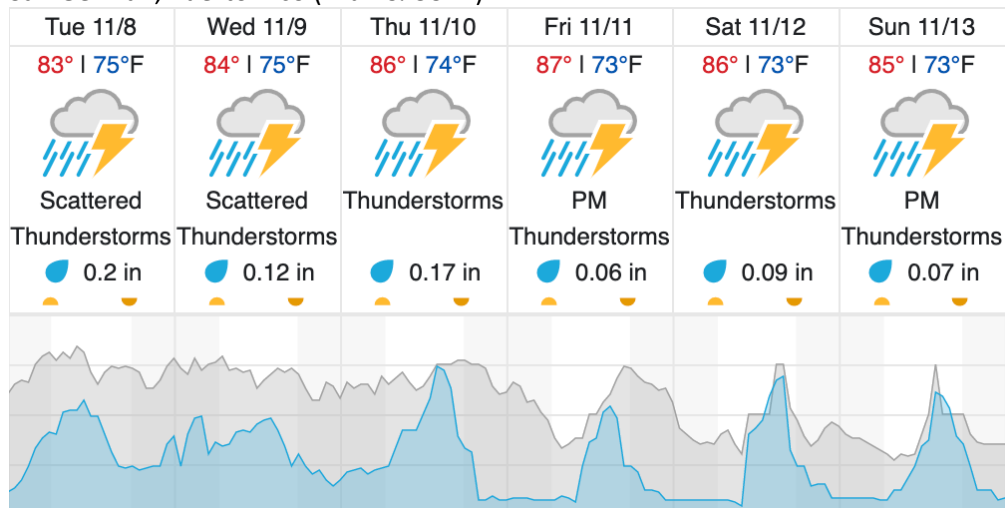
Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

Weather Forecast

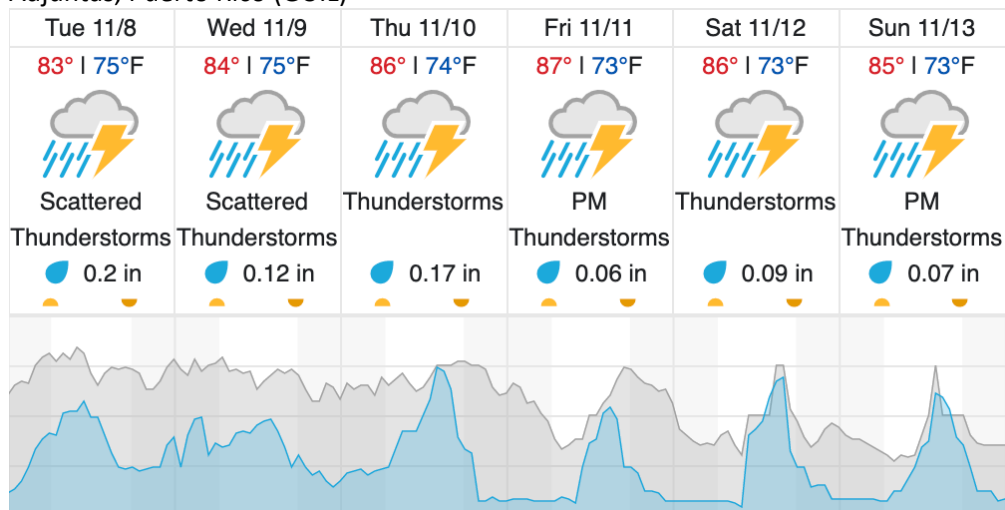
Guayanilla, Puerto Rico (GUAN)



San German, Puerto Rico (LAJA & CUPE)



Adjuntas, Puerto Rico (GUIL)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 8 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)