



Payload 1 Daily Flight Report



Date: 2022-11-06

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: 6

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: Mitch

Hours until maintenance: 61.72

Pilots: Magnus, Justin

Summary

Today presented a promising break in the rainy systems that have been passing through, but a substantial amount of low cumulus still hovered over the sites. Conditions for 'greening up' did not materialize and no flights were conducted.

Concerns

None.

Comments

We are continuing to evaluate our options for the upcoming transit, given runway closures that could impact operations and departure.

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)

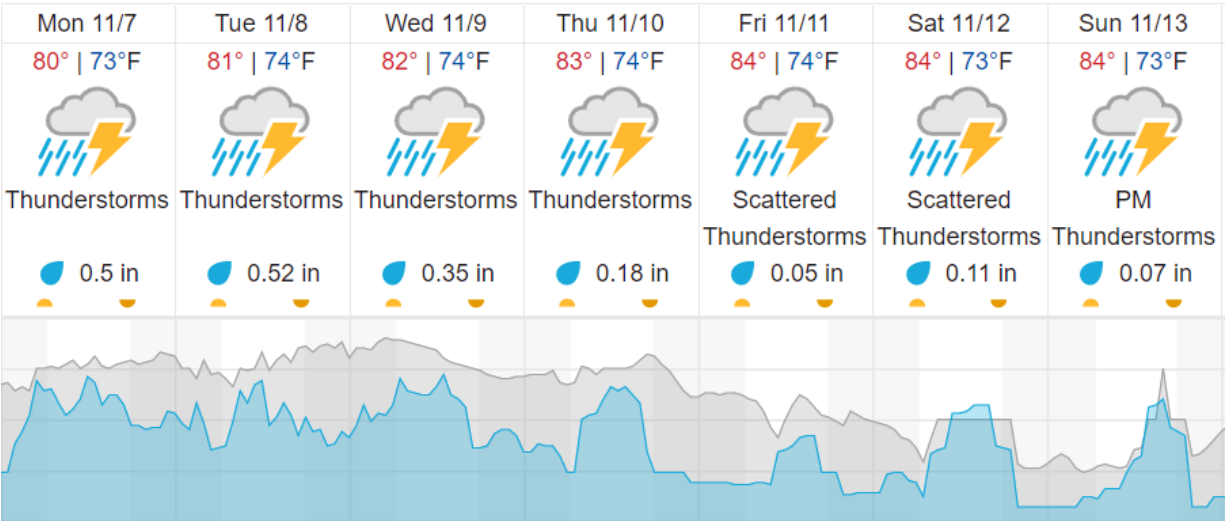
D04 | R04A ()

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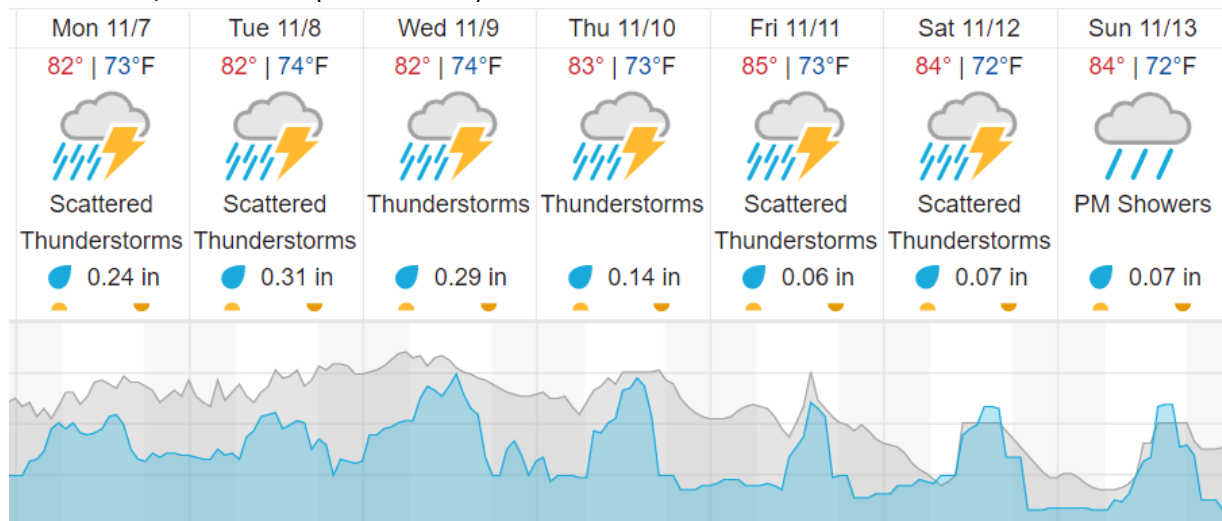
Flown: 100% (5/5)
Green: 100% (5/5)
Yellow: 0% (0/5)
Red: 0% (0/5)

Weather Forecast

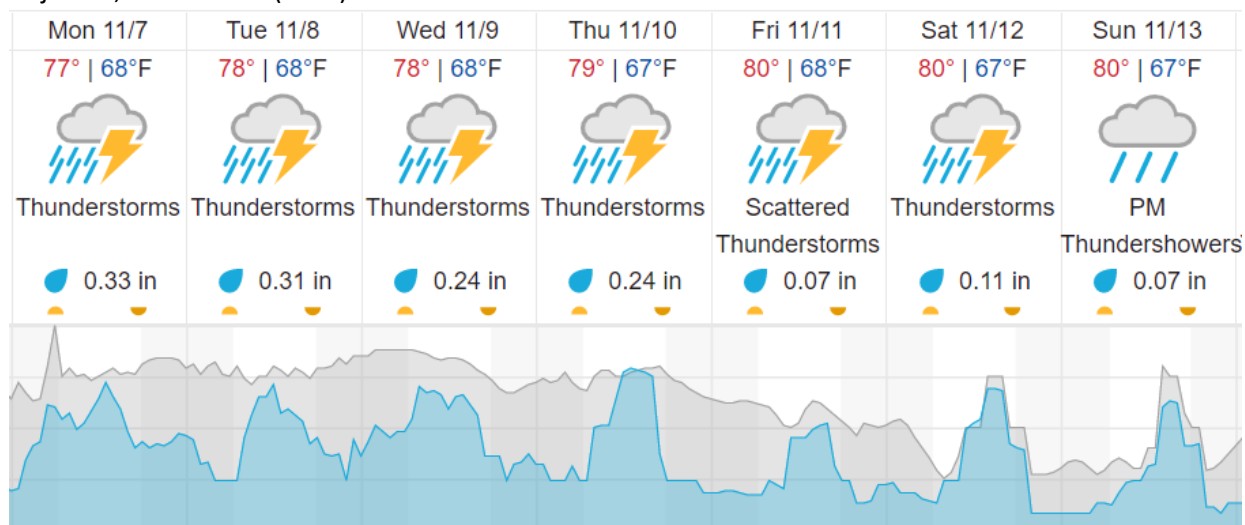
Guayanilla, Puerto Rico (GUAN)



San German, Puerto Rico (LAJA & CUPE)



Adjuntas, Puerto Rico (GUIL)



source: wunderground.com

Flight Collection Plan for 7 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: Mitch (Lidar), Elissa (NIS)