



Payload 1 Daily Flight Report



Date: 2022-10-18

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: 0

Report Author: Abe

Lidar Operators: Abe

Spectrometer Operators: Cameron

Pilots: Justin , Brent

Flight Hours: 00:25

Hours until maintenance: 75.20

GPS Instruments: 04 - FBO_BQN, C-PRGY, C-PRMI

Summary

The crew took to the sky this morning, but unfortunately the low cumulus clouds were developing at the same time. On arrival at the sites, the cloud layer was below our survey altitude and no collections could be made. We are hopeful that we can conduct the Radiometric Calibration flight with the AOP science team on the ground at GUAN tomorrow morning.

Concerns

None

Comments

None

Pictures



Over the CUPE site this morning at the opening of solar angle. Pic by Abe.

Cumulative Domain Coverage

D04 | CUPE (Rio Cupeyes)

1	2	3	4	5	6	7	8	9	10
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Flown: 0% (0/10)
Green: 0% (0/10)
Yellow: 0% (0/10)
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: 0% (0/34)
Green: 0% (0/34)
Yellow: 0% (0/34)
Red: 0% (0/34)

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)

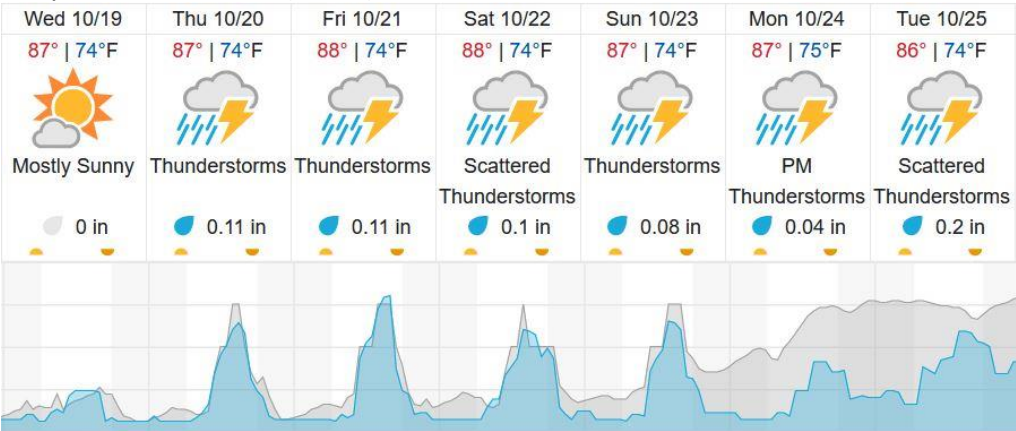
D04 | N04C (D04 Nominal Runway)

1	2
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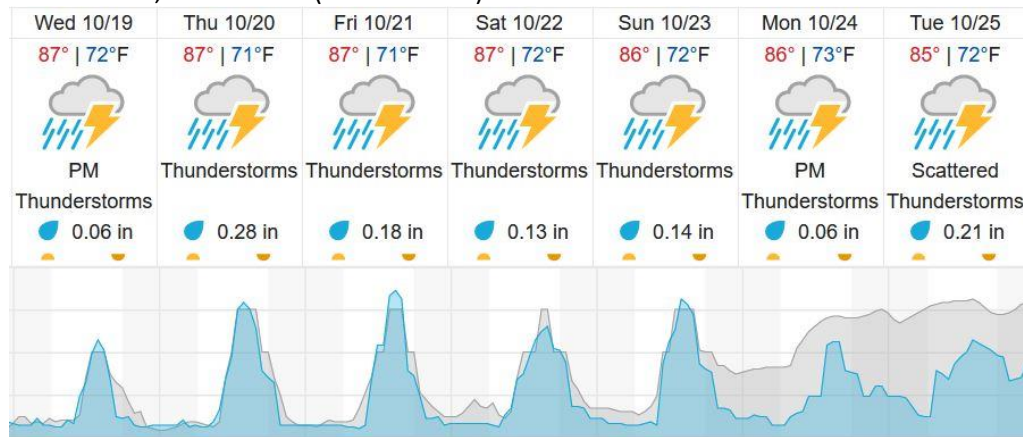
Flown: 0% (0/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 0% (0/2)

Weather Forecast

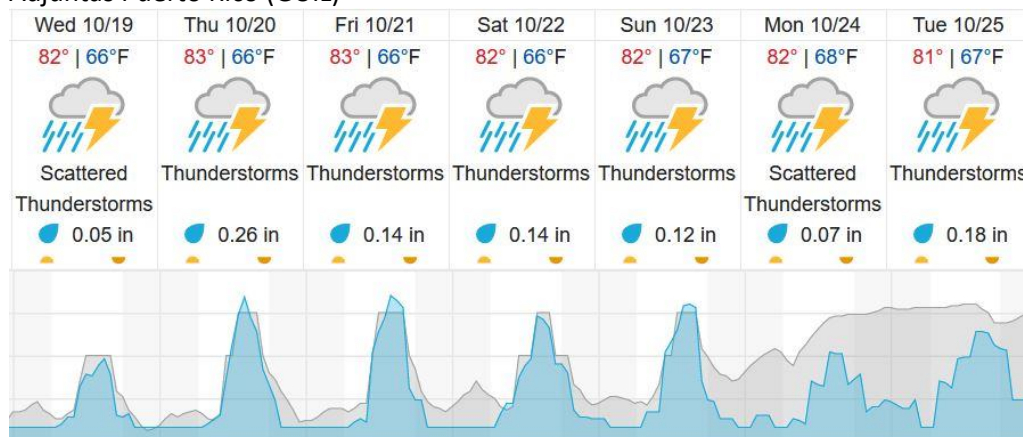
Guayanilla, Puerto Rico (GUAN)



San German, Puerto Rico (LAJA & CUPE)



Adjuntas Puerto Rico (GUIL)



source: wunderground.com

Flight Collection Plan for 19 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: Cameran NIS: Abraham