



May 8, 2018 Payload 2 Daily Flight Report



Date: 2018-05-08

Flight Campaign ID: 2018_P2C1

Airport, FBO ID, City: Fernando Luis Ribas Dominicci Airport (TJIG) - San Juan, Puerto Rico

Domain: 04

Sites Flown: None

Days left in Domain: 16

Report Author: Mitch Haynes

Flight Crew: Michael Wussow, Heather Rogers

Ground/GPS: Mitch Haynes

Pilots: Stephen Brawders, Wesley Wyatt

Additional Personnel: None

GPS Instruments: None

Flight Hours: 00:00

Hours until maintenance: 94.30

Summary

Continued pumping and cooling of spectrometer, with spectrometer temperature reaching its nominal operating FPA temperature of 140oK. Temperature should stabilize overnight allowing tomorrow to be our first eligible flight day in D04 (weather depending).

Concerns

AC cart reservoir filled up over night, leaking water into the tail compartment of the plane. Pilots checked aircraft components beneath tail compartment and confirmed that no damage was done, as water appeared to drain out of spill holes without hitting any components. With such high humidity and daily temperatures only reaching the mid-80s°F (~30°C), the flight crew will resort to the less efficient yet safer method of keeping the AC cart outside the plane and pushing cold through the window mount.

Comments

None

Pictures

Pilot in command Stephen Brawders investigating the impact of the leak.



Cumulative Domain Coverage

GUAN

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)

CUPE

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)

GUIL

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)

LAJA

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										

Flown: 0% (0/30)

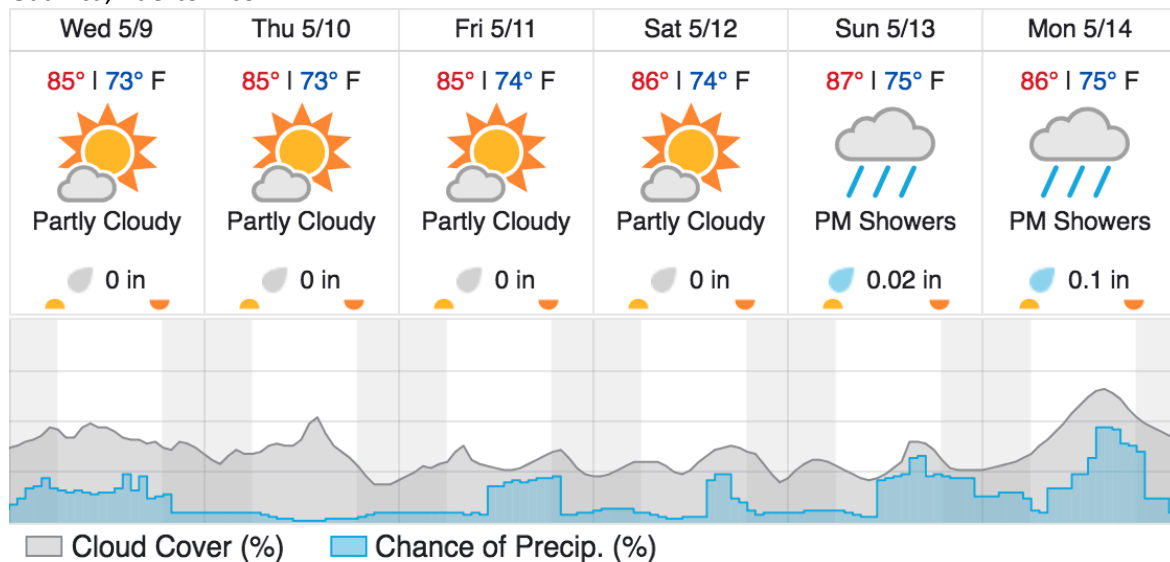
Green: 0% (0/30)

Yellow: 0% (0/30)

Red: 0% (0/30)

Weather Forecast

Guánica, Puerto Rico



Flight Collection Plan for 9 May 2018

Flight Priority (Flyority) 1:

Collection Area: Guanica Forest (GUAN)

Flight Plan Name: D04_GUAN_C1_P1_v1.pln

On-station Time: 1300 UTC / 0900 L

Flyority 2:

Collection Area: Lajas Experimental Station (LAJA)

Flight Plan Name: D04_LAJA_R1_P1_v3.pln

On-station Time: 1300 UTC / 0900 L

Flyority 3:

Collection Area: Rio Cupeyes (CUPE)

Flight Plan Name: D04_CUPE_A1_P1_v1.pln

On-station Time: 1300 UTC / 0900 L

Flyority 4:

Collection Area: Rio Guilarte (GUIL)

Flight Plan Name: D04_GUIL_A2_P1_v1.pln

On-station Time: 1300 UTC / 0900 L

Crew: Heather Rogers (Lidar), Michael Wussow (NIS), Mitch Haynes (Ground/GPS)

Flight Collection Plan for 10 May 2018

Flight Priority (Flyority) 1:

Collection Area: Guanica Forest (GUAN)

Flight Plan Name: D04_GUAN_C1_P1_v1.pln

On-station Time: 1300 UTC / 0900 L

Flyority 2:

Collection Area: Lajas Experimental Station (LAJA)

Flight Plan Name: D04_LAJA_R1_P1_v3.pln

On-station Time: 1300 UTC / 0900 L

Flyority 3:

Collection Area: Rio Cupeyes (CUPE)

Flight Plan Name: D04_CUPE_A1_P1_v1.pln

On-station Time: 1300 UTC / 0900 L

Flyority 4:

Collection Area: Rio Guilarte (GUIL)

Flight Plan Name: D04_GUIL_A2_P1_v1.pln

On-station Time: 1300 UTC / 0900 L

Crew: Michael Wussow (Lidar), Heather Rogers (NIS), Mitch Haynes (Lidar Certifier/GPS)