



September 12, 2018 Payload 2 Daily Flight Report



Date: 2018-09-12

Flight Campaign ID: 2018_P2C1

Airport, FBO ID, City: Gainesville Regional Airport (KGNV) - Gainesville, FL

Domain: D03

Sites Flown: Transit (D01 -> D03)

Days left in Domain: 22

Report Author: Mitch Haynes

Flight Crew: Mitch Haynes

Ground/GPS: Michael Wussow, Robb Walker

Pilots: Mike Francis, Gina Moore

Additional Personnel:

GPS Instruments: None

Flight Hours: 03:08 + 00:54 = 04:02

Hours until maintenance: 101.38

Summary

Neon AOP Payload 2 has arrived in Gainesville, FL two days early in preparation for D03 surveys. An early departure was taken from D01 due to unfavorable forecasts during the remaining days and an effort to beat Hurricane Florence to landfall.

Concerns

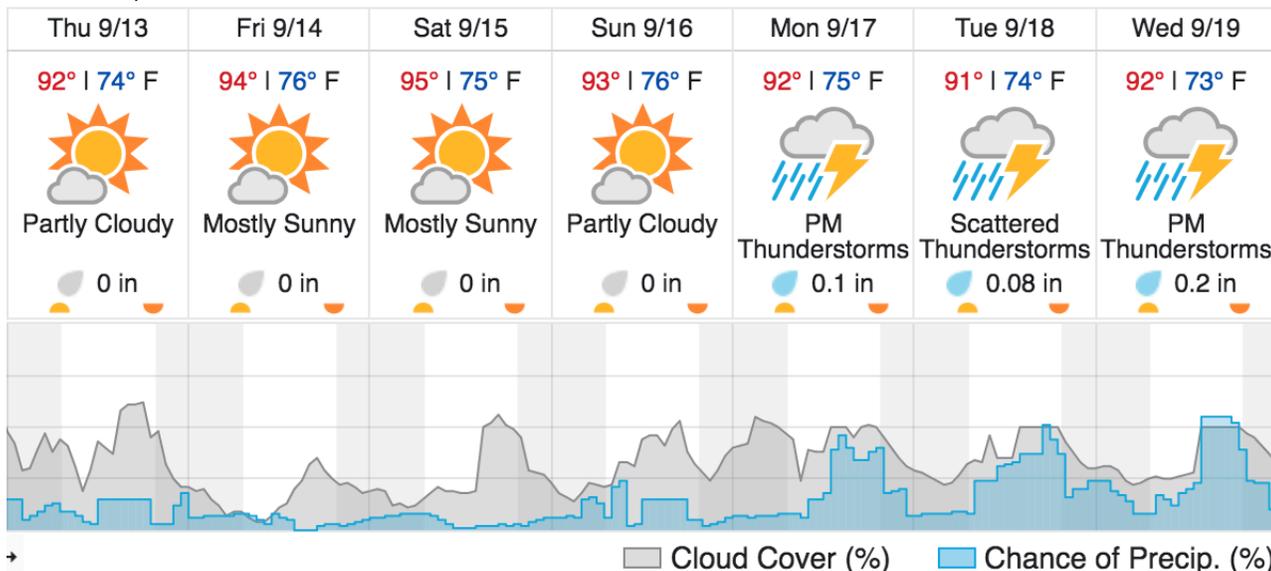
Payload 2 has arrived in D03 right at the peak of a very active Hurricane season in the Atlantic. Flight crew will continue to evaluate these storms on a daily basis and make decisions to mitigate risk while still archiving mission success.

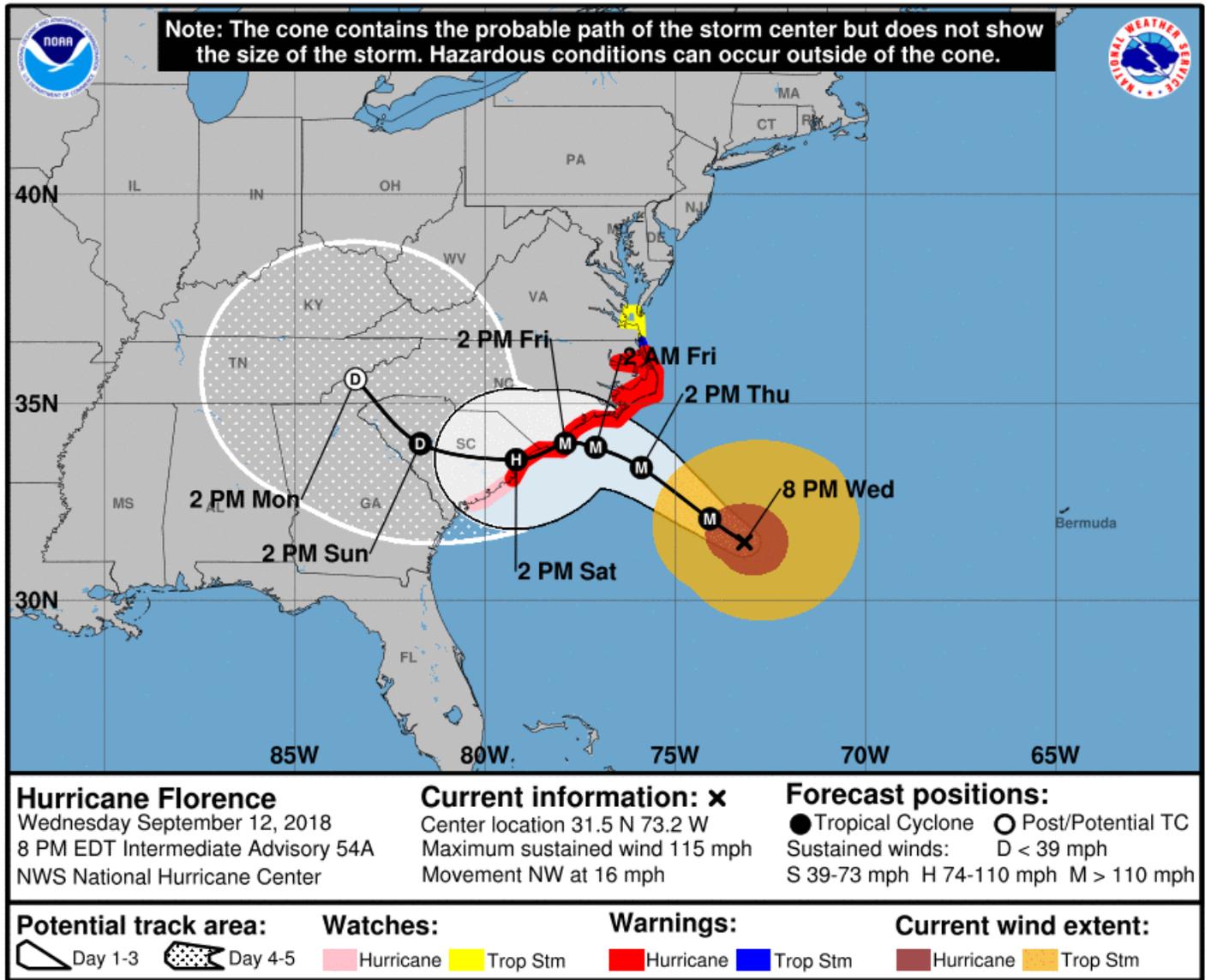
Comments

- Pumping and cooling of system will commence tomorrow morning when the hangar power adapter arrives.
- Robb Walker departed Nashua today to return to Boulder and join in with the P3 Crew
- Abe Morrison to arrive in Gainesville tomorrow, Cameron Chapman on Friday
- September 15th is set as the tentative first day of flights in D03.

Weather Forecast

Gainesville, FL





Flight Collection Plan for 13-14 Sept 2018

Pumping and Cooling of System

Flight Collection Plan for 15 Sept 2018

Flyority (Flight Priority) 1

Collection Area: Disney Wilderness Preserve (DSNY)

Flight Plan Name: D03_DSNY_R1_P1_v2B.pln

On Station Time: 1020 Local / 1420 UTC

Flyority 2

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 1 Flight Plan

Flight Plan Name: D03_OSBS_C1_P1_v2B.pln

On Station Time: 1030 Local / 1430 UTC

Flyority 3

Collection Area: Jones Ecological Research Center (JERC) Priority 1 Flight Plan

Flight Plan Name: D03_JERC_R2_P1_v3B.pln

On Station Time: 1040 Local / 1440 UTC

Flyority 4

Collection Area: Ordway-Swisher Biological Station (OSBS) Priority 2 Flight Plan

Flight Plan Name: D03_OSBS_C1_P2_v2B.pln

On Station Time: 1030 Local / 1430 UTC

Flyority 5

Collection Area: Jones Ecological Research Center (JERC) Priority 2 Flight Plan

Flight Plan Name: D03_JERC_R2_P2_v3B.pln

On Station Time: 1040 Local / 1440 UTC

Crew

Lidar: Mitch Haynes, NIS: Abe Morrison, Ground/GPS: Cameron Chapman

Photos



The flight crew got to take a look at an XP-82 Twin Mustang (one of only five known to still exist) currently under restoration during their fuel stop in Douglas, GA.

