# Pender County 2019 Tropical Update

August 27,2019

TS Dorian and Depression 6

# The New Hurevac HVX

Apps | Google | NCDOT: Travel Infor... | Pender County, NC:... | Pender County - Ho... | Appalachian State... | iCompass: Tracking... | Imported From IE | Welcome to HVX | IAP Software™ Clie... | Home | Grants Portal

Operational | Training

**Tropical Storm Dorian** — **Advisory 13** — **+0h** — **11am, Tues, Aug 27, 2019 EDT**

**Map Layers**

Storms | Conditions | Resources

Filter Storms

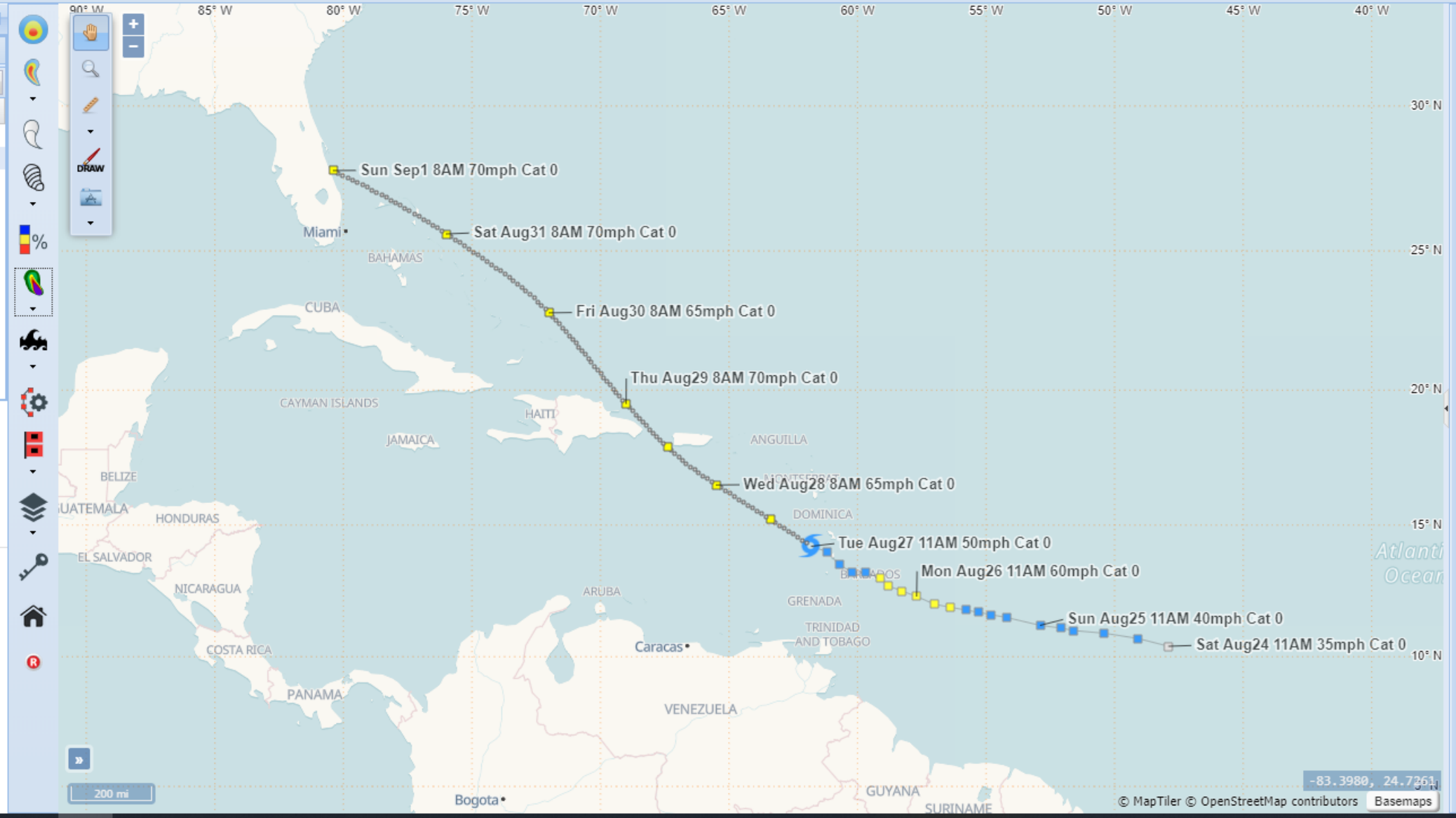
| Name | Basin |
|---|---|
| Active Storms | |
| DORIAN | AL |
| PODUL | WP |
| SIX | AL |
| Current Year Storms | |
| Archived Storms | |
| Exercise Storms | |
| Simulated Storms | |

**Impact Exploration**

- Tropical Weather Outlook
- Surge

**Evacuation Decision Support**

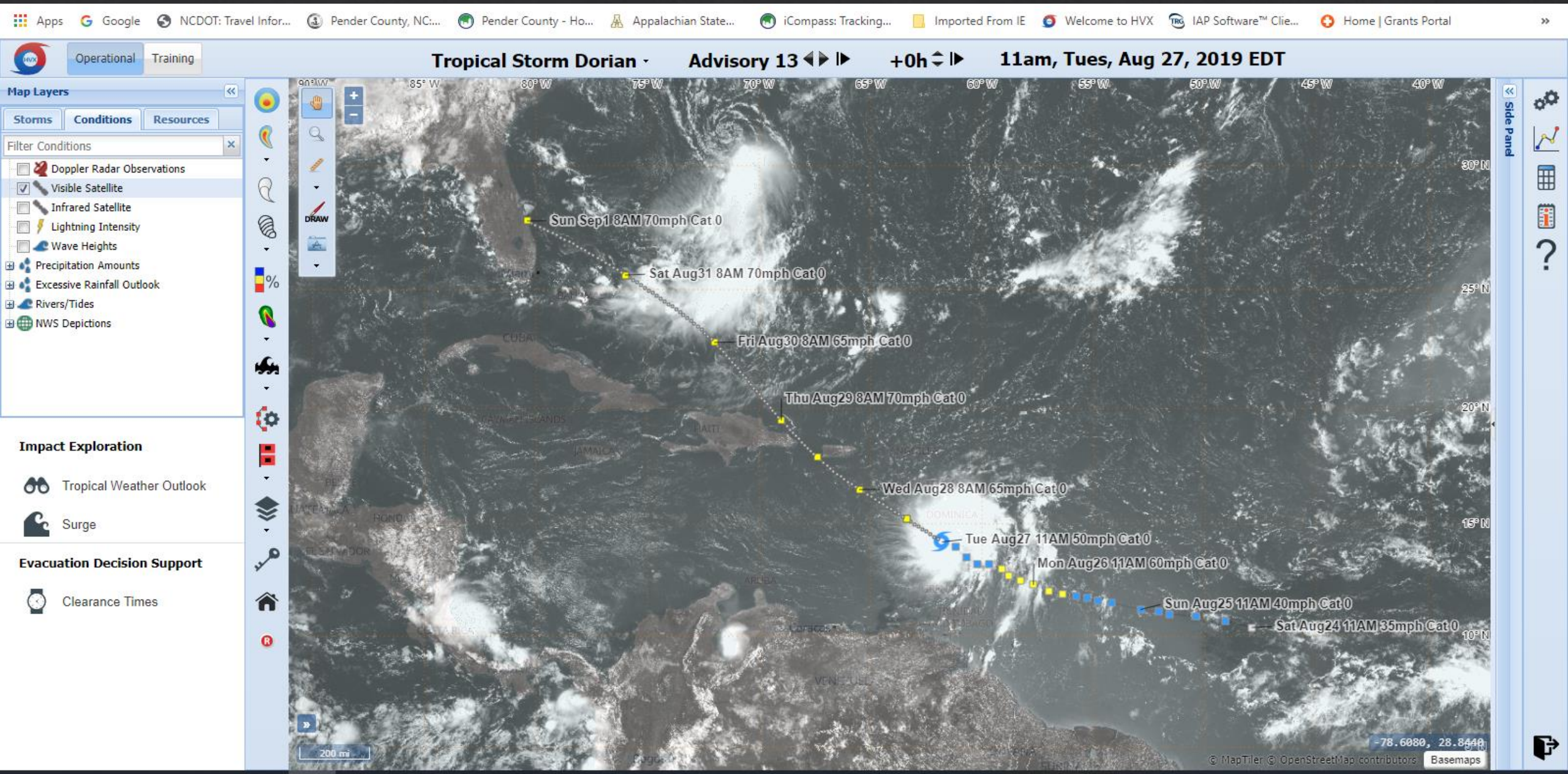
- Clearance Times




Side Panel

11:11 AM
8/27/2019

# The New Hurrevac HVX Sat View



DISCUSSION AND OUTLOOK
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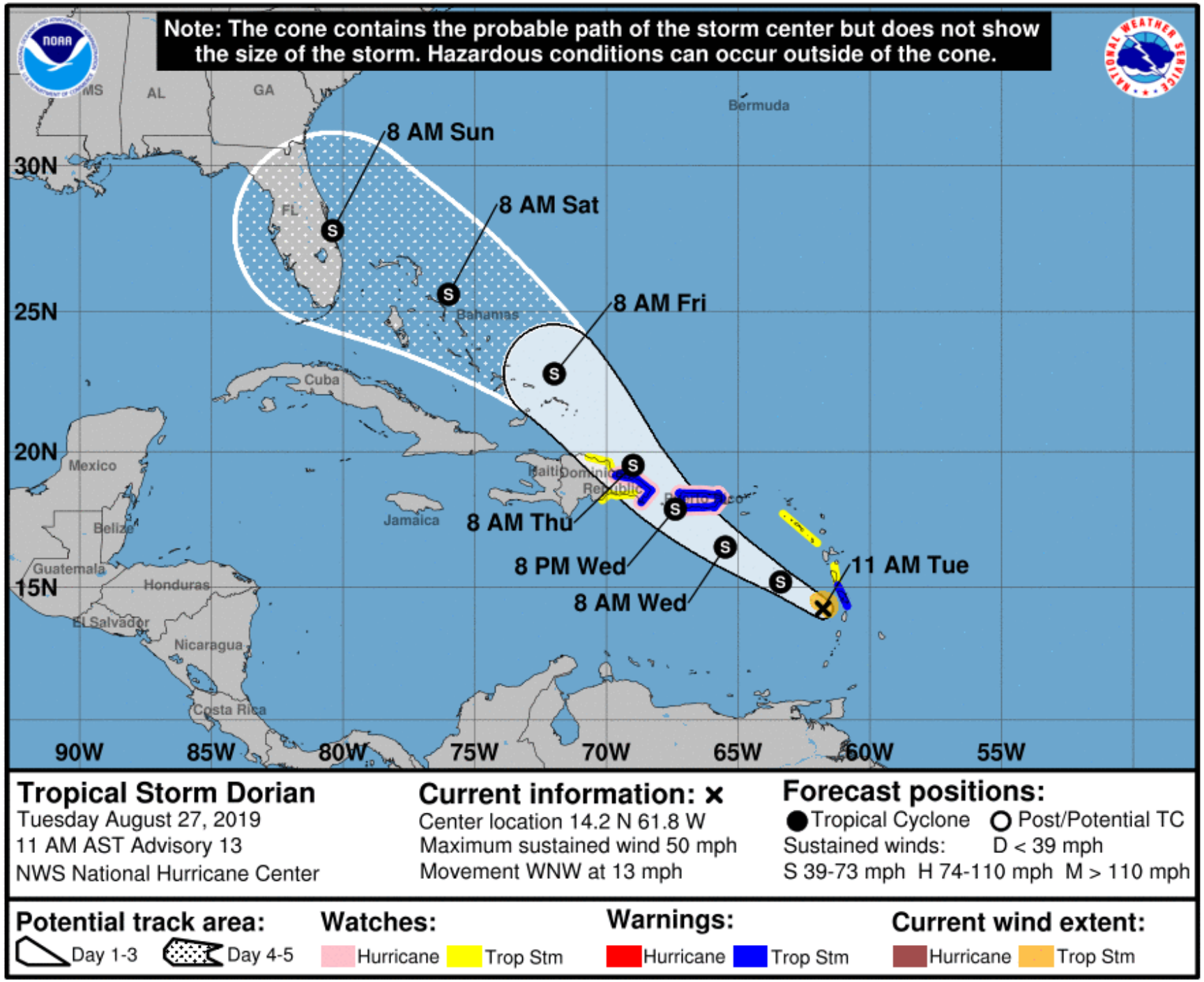
At 1100 AM AST (1500 UTC), the center of Tropical Storm Dorian was located by data from an Air Force Reserve reconnaissance aircraft and the Martinique radar near latitude 14.2 North, longitude 61.8 West. Dorian is moving toward the west-northwest near 13 mph (20 km/h), and this motion is expected to continue through tonight, followed by a turn toward the northwest on Wednesday. On the forecast track, the center of Dorian will move across the eastern and northeastern Caribbean Sea during the next few days, passing near or south of Puerto Rico on Wednesday, move near or over eastern Hispaniola Wednesday night, and move north of Hispaniola on Thursday. On Thursday night and Friday, the center of Dorian is forecast to move near the Turks and Caicos and southeastern Bahamas.

Maximum sustained winds remain near 50 mph (85 km/h) with higher gusts. Slow strengthening is forecast during the next 48 hours, and Dorian is forecast to be near hurricane strength when it moves close to Puerto Rico and eastern Hispaniola.

Tropical-storm-force winds extend outward up to 45 miles (75 km) from the center.

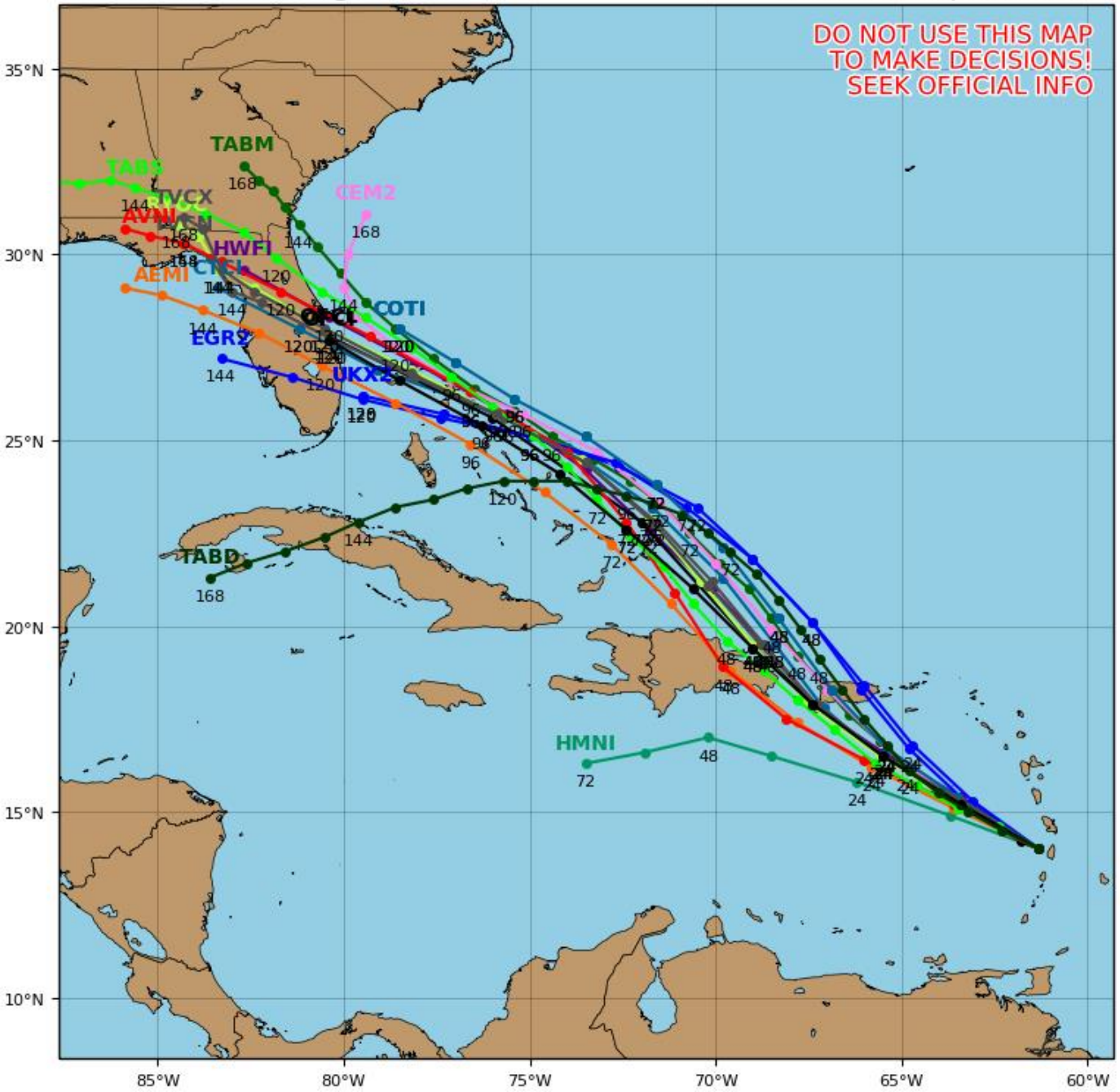
The estimated minimum central pressure is 1005 mb (29.68 inches).

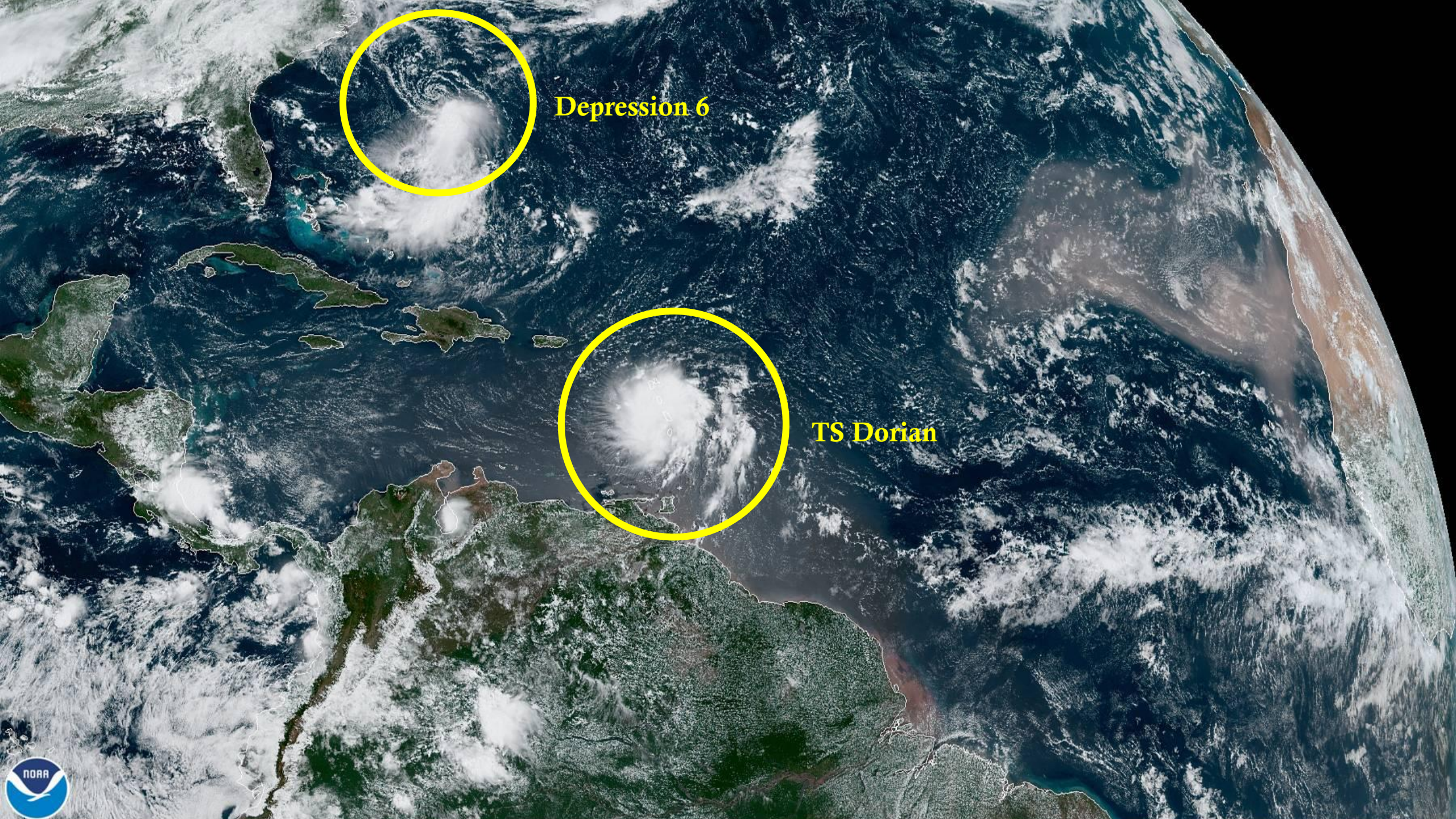

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.
MS
AL
GA
Bermuda
8 AM Sun
30N
8 AM Sat
FL
25N
8 AM Fri
Bahamas
Cuba
20N
Mexico
Haiti
Dominican Republic
Jamaica
8 AM Thu
Belize
8 PM Wed
Guatemala
15N
Honduras
8 AM Wed
11 AM Tue
El Salvador
Nicaragua
Costa Rica
90W
85W
80W
75W
70W
65W
60W
55W
Tropical Storm Dorian
Tuesday August 27, 2019
11 AM AST Advisory 13
NWS National Hurricane Center
Current information: ×
Center location 14.2 N 61.8 W
Maximum sustained wind 50 mph
Movement WNW at 13 mph
Forecast positions:
Tropical Cyclone
Post/Potential TC
Sustained winds:
D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph
Potential track area:
Day 1-3
Day 4-5
Watches:
Hurricane
Trop Stm
Warnings:
Hurricane
Trop Stm
Current wind extent:
Hurricane
Trop Stm

# Tropical Storm DORIAN Model Track Guidance

**Initialized at 12z Aug 27 2019**

Levi Cowan - tropicaltidbits.com




Depression 6
TS Dorian
NOAA