

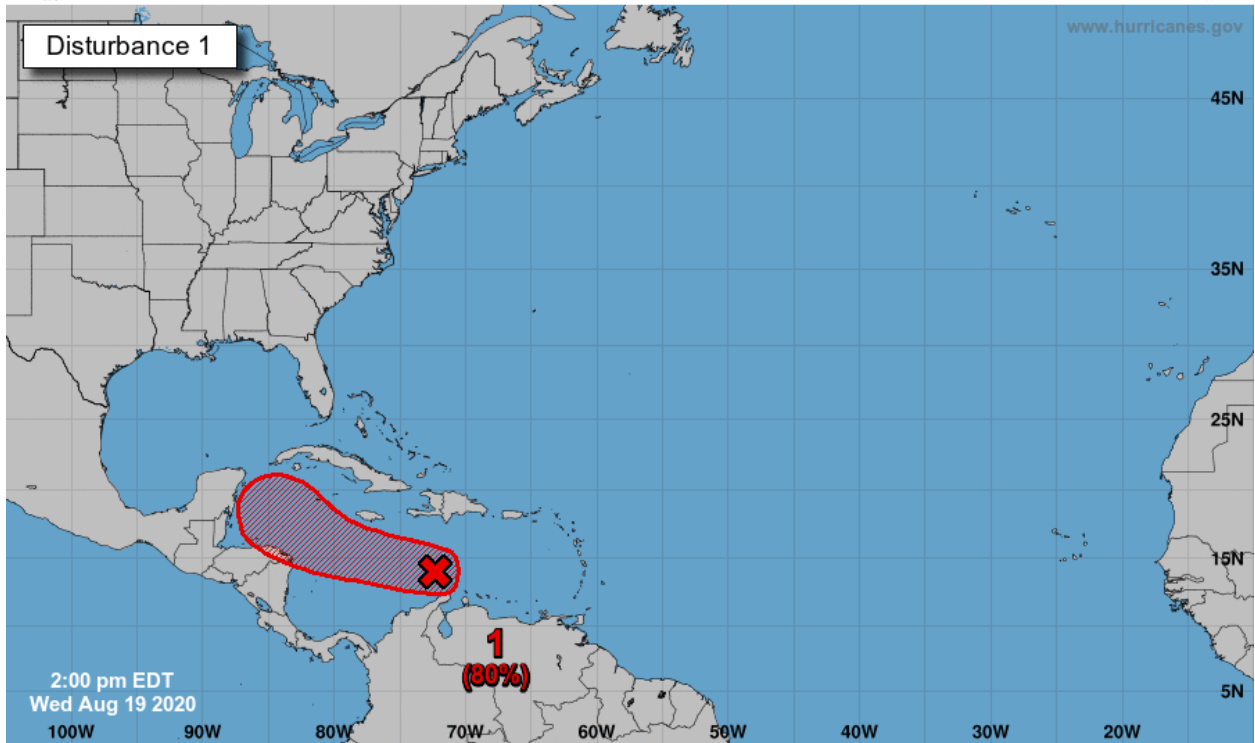
# THE TROPICAL WAVE OVER THE EASTERN CARIBBEAN SEA

## Alert Notice

# 19th AUGUST 2020



### Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida

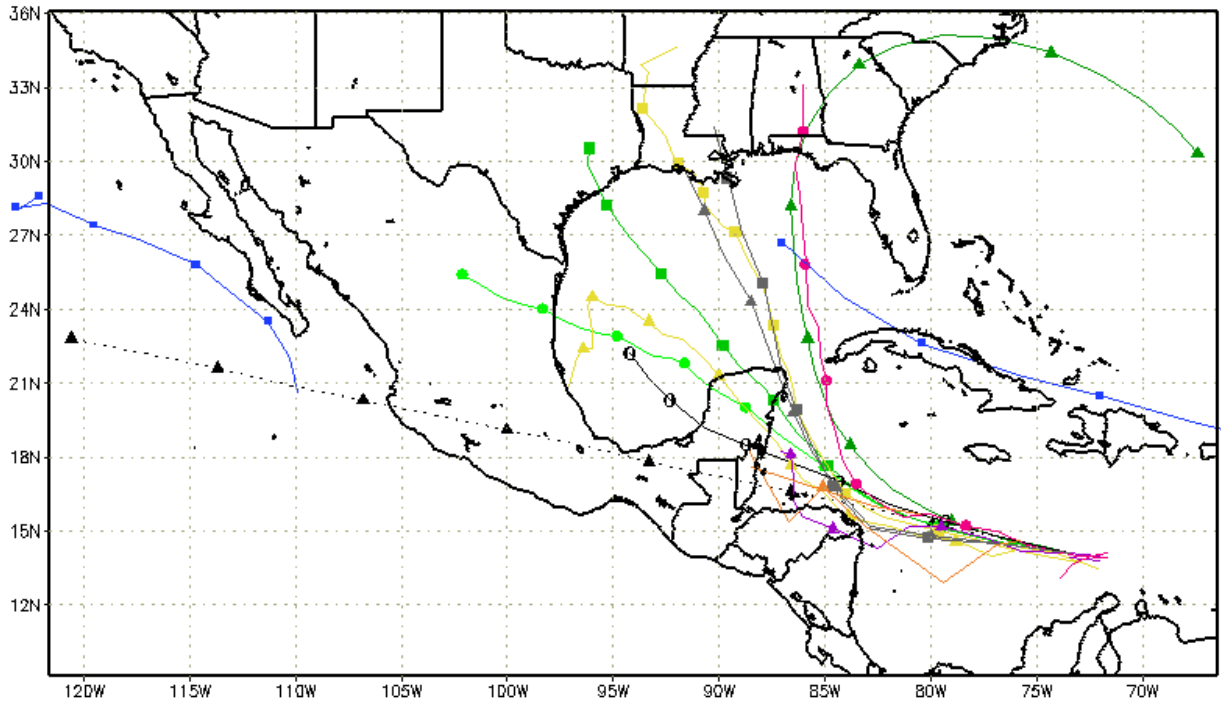


Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants

- |                       |                 |                 |                 |                 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|
| ---▲--- XTRP 19/1800Z | ○ CLP5 19/1800Z | ▲ HMON 19/1200Z | ▲ AVNO 19/1200Z | ▲ EECF 19/1200Z |
| ■ TVCN 19/1800Z       | ▲ TABD 19/1800Z | ● HWRF 19/1200Z | ■ AEMN 19/1200Z | ■ EEMN 19/1200Z |
| ▲ TVCX 19/1800Z       | ■ TABM 19/1800Z | ■ UKM 19/1200Z  | ○ APxx 19/1200Z | ○ EExx 19/1200Z |
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storm\_97  
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 19-Aug 17:06EDT

NHC Advisories and County Emergency Management Statements supersede this product. This graphic should complement, not replace, NHC discussions. If anything on this graphic causes confusion, ignore the entire product. For full info, see <https://apps.sfwmd.gov/sfwmd/common/images/weather/plots.html>



The latest satellite imagery are showing that showers and thunderstorms have become a bit more concentrated with the tropical wave which is now over the Central Caribbean Sea, south of Haiti. The National Hurricane Centre (NHC) gives this system an 80% chance of becoming a tropical depression when it reaches the north western Caribbean Sea. If development is to occur it will likely occur before Saturday when the system is expected to move over the Yucatan Peninsula. The Met Service analysis of the latest model runs from two models (GFS and NAM) show the system interacting with the landmasses of Honduras/Nicaragua late Thursday night into Friday which may limit significant development. If this occurs the system could emerge into the Gulf of Honduras as a weak and disorganized system. If this happens then the major threat from this system will be heavy rainfall and possible flash flooding starting on Friday and lasting through much of the weekend. The worst case scenario could be that the system tracks a little further north and avoids the landmass of Honduras/Nicaragua that would allow for a bit more strengthening into a tropical depression or weak tropical storm. The stronger this system becomes, the more likely it will track north of Belize as there is a deep upper level trough to the west of the area that would pull any deeper/stronger system more northward.

The Met Service and NEMO will continue to monitor this system closely for any change in direction and development.