EXTERNAL TROPICAL POTENTIAL UPDATE AT 2:00 PM

DESPP / DEMHS KEEPING AN EYE ON POTENTIAL TROPICAL DEVELOPMENT ALONG THE EAST COAST THIS WEEKEND
MODERATE TO HEAVY RAIN AND SOME WIND POSSIBLE SUNDAY AFTERNOON THRU MONDAY MORNING

Connecticut Department of Emergency Services & Public Protection

Division of Emergency Management & Homeland Security

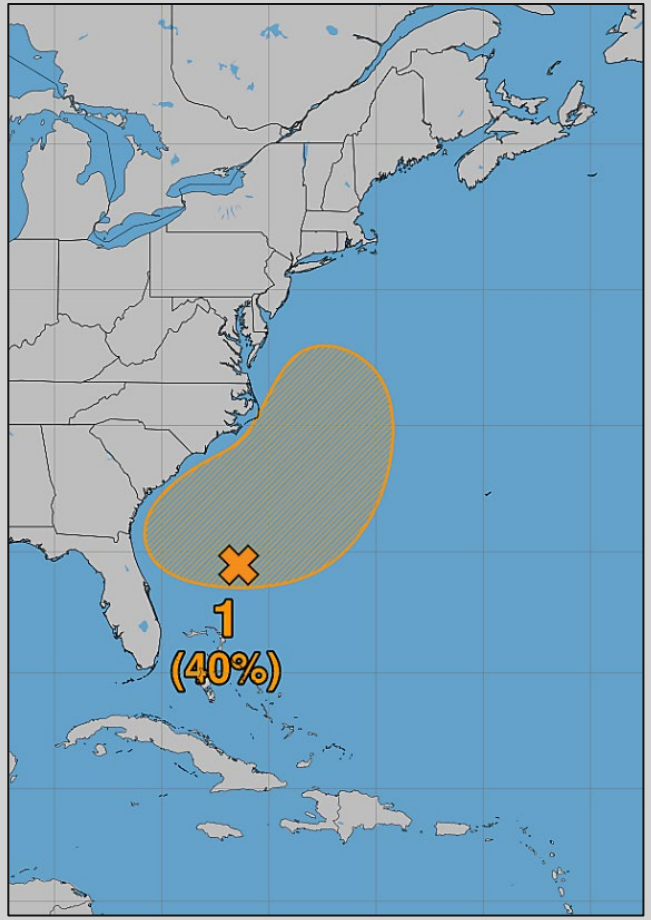
Governor Ned Lamont
Ronnell A. Higgins, Commissioner
Deputy Commissioner Don Boyce
William H. Turner III, Director

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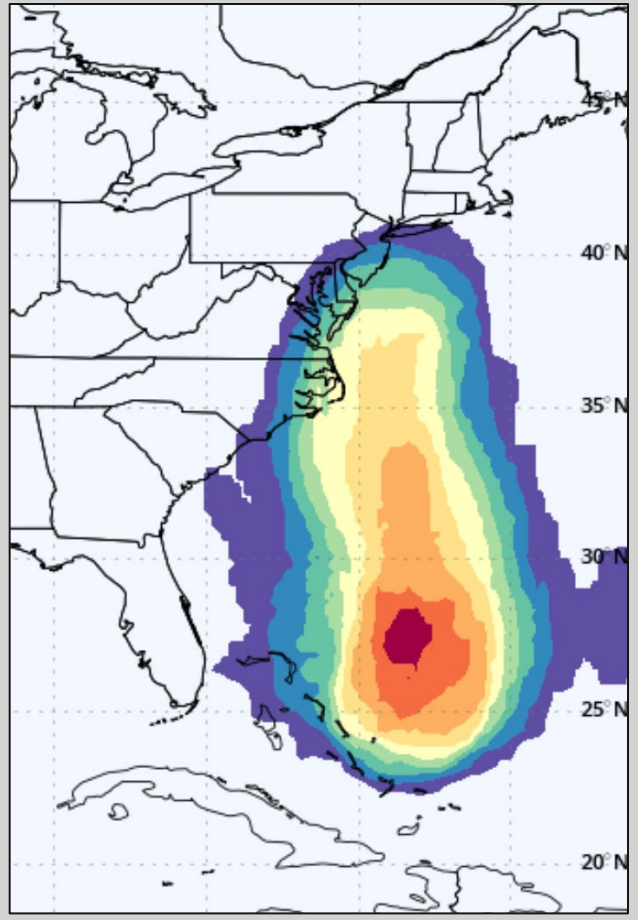
40% CHANCE FOR DEVELOPMENT …

A non-tropical low is expected to form in the northern Bahamas by later today. The National Hurricane Center is forecasting a 40% chance that this low will develop either into a sub-tropical or tropical storm near the U.S. Southeast Coast this weekend.

The EURO and GFS models are also indicating a chance of formation (40 – 60%) off the southeast U.S. Coast.



NHC Forecast



EURO 3-Day T.S. Probability

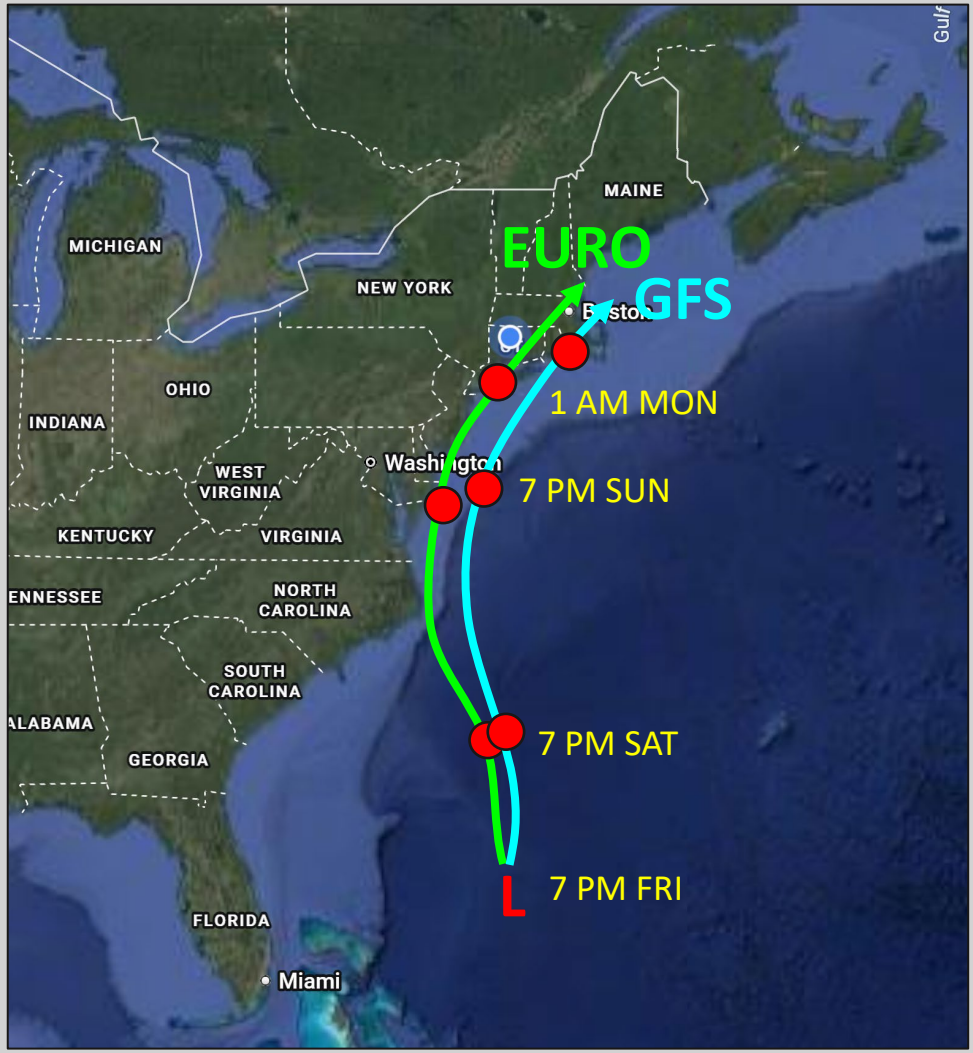
CURRENT TRACK FORECASTS…

There is currently good agreement between the GFS, RRFS and EURO models concerning the track of this potential tropical storm.

The EURO track (Green Line) takes the storm closer to the east coast with some rain and wind impacts in our area Sunday night and early Monday morning.

The GFS track (Blue Line) takes the storm slightly to the east of the EURO and up into southeastern New England by very early Monday morning. The GFS track just offshore could also bring moderate to heavy rainfall and some winds especially to the CT Southeast coast Sunday night.

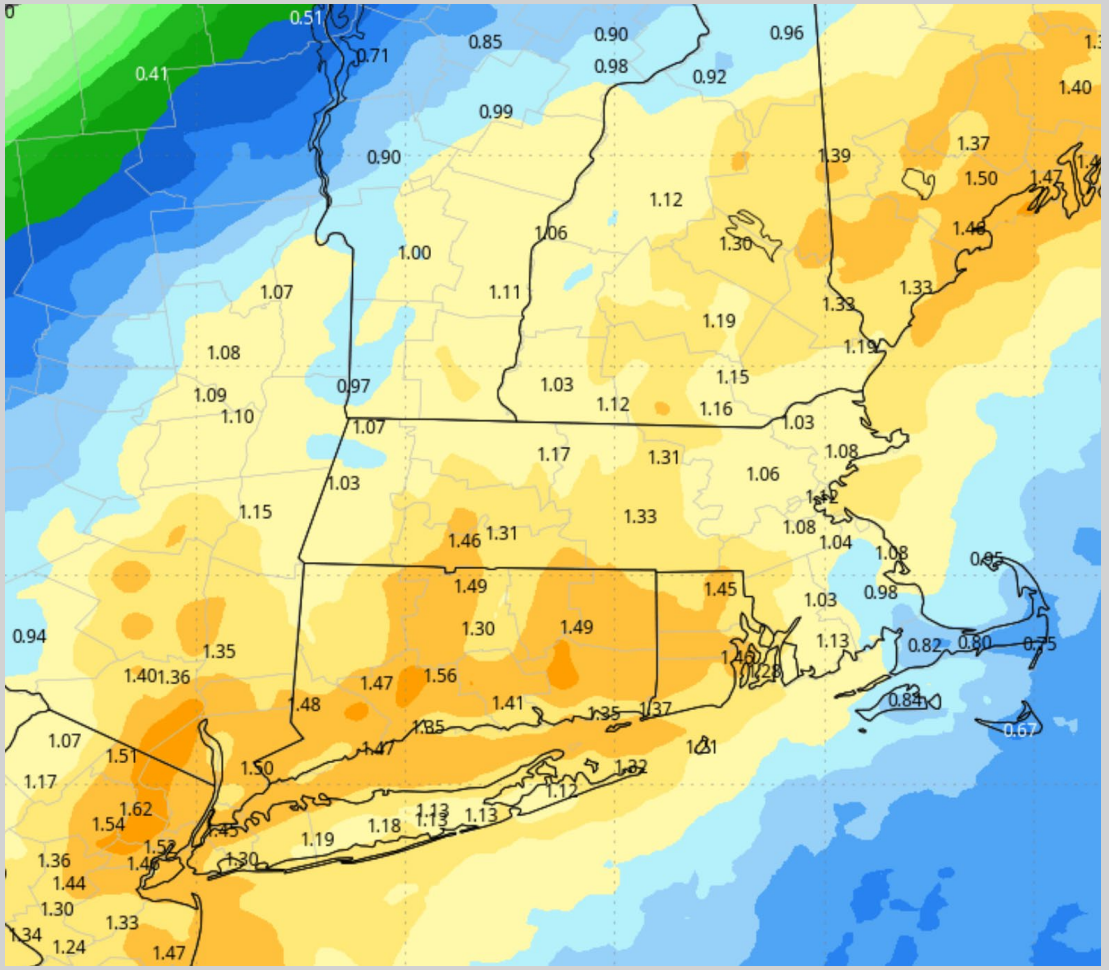
The RRFS model (which has replaced the NAM model) is forecasting a track very close to the GFS model (too close to show on the map) with similar impacts to the GFS.



CURRENT RAINFALL FORECAST…

The National Blend of Models (NBM) is forecasting a moderate to occasionally heavy rainfall totaling 1 – 2 inches across the state.

If bands of heavier rainfall set up northwest of the storm track a few towns could see 3”+ inches of rainfall Sunday night.



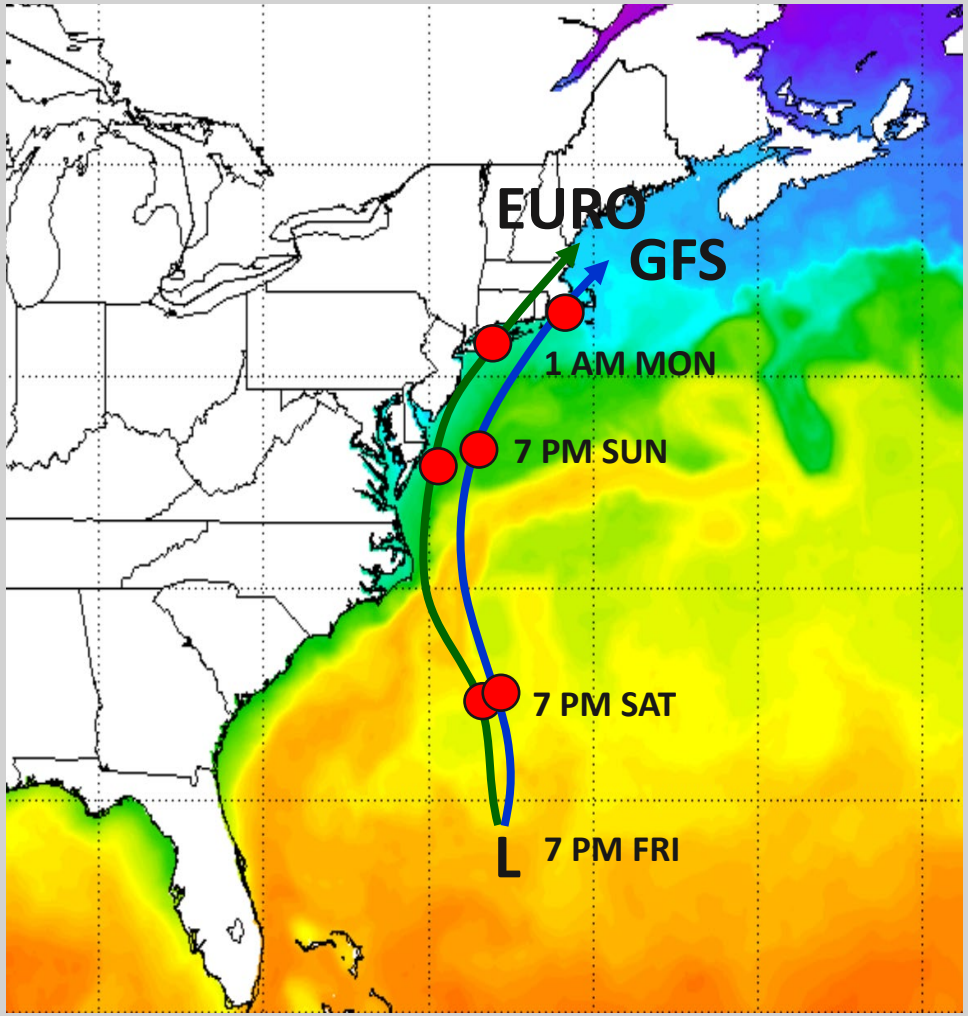
NBM Rainfall Forecast

WATCHING FOR DEVELOPMENT OVER THE NEXT 48 HOURS…

Water temperatures off the southeast coast are still warm enough to allow some tropical development. The map to the right shows warm water (yellow and orange shades) from the Gulf Stream running up the east coast to approximately the North Carolina / Virginia border.

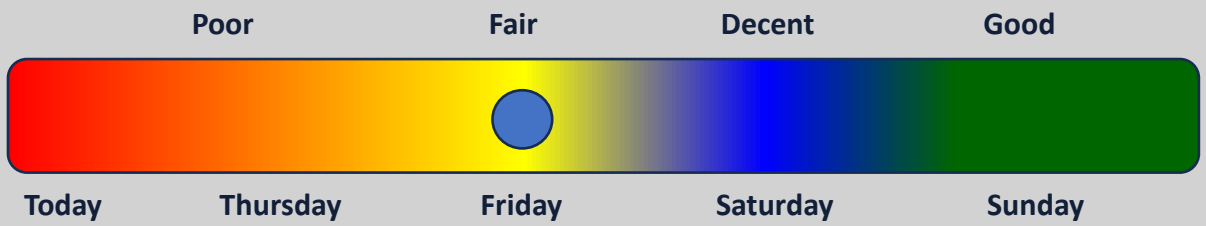
Based on the current model forecasts, any developing tropical storm would likely be over these warm waters for the next 48 hours. In order to be a threat to our area, any development, if it occurs, would likely need to begin over the next 24 hours to have enough strength to cross the colder waters south of Long Island and reach our area as a tropical system Sunday night.

Although a tropical storm scenario is considered unlikely, towns are advised to keep an eye on any development (e.g. the NHC names this storm) over the next few days.



FORECAST CONFIDENCE…

Forecast confidence is currently fair with the three models in good agreement this afternoon. If the models remain in good agreement over the next few runs today and tonight, confidence should improve to decent by Saturday morning and good by Sunday morning.



EXTERNAL TROPICAL POTENTIAL UPDATE AT 2:00 PM

The Overall Impact of This Storm is Currently Expected to be Minor. However, Some Uncertainty Still Exists

DESPP/DEMHS Will Continue to Montior the Latest Model Runs. Another Update Will Be Sent Out if this Storm Receives a Name from the NHC

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