



Tropical Weather Update

September 25, 2025
4:51 PM

For Eastern North Carolina

OVERVIEW

- Tropical Storm Humberto is forecast to remain over the western Atlantic through early next week
- AL94 (western system near Hispaniola) is likely to become a tropical depression by the weekend in the vicinity of the Bahamas

WHAT'S NEW

- The risk of impacts (from 94L) to portions of the Southeast U.S. are **increasing**
- The risk of long-period swell impacts from Humberto is **increasing for ENC**

TIMING

- Sunday through much of next week

HAZARDS & IMPACTS

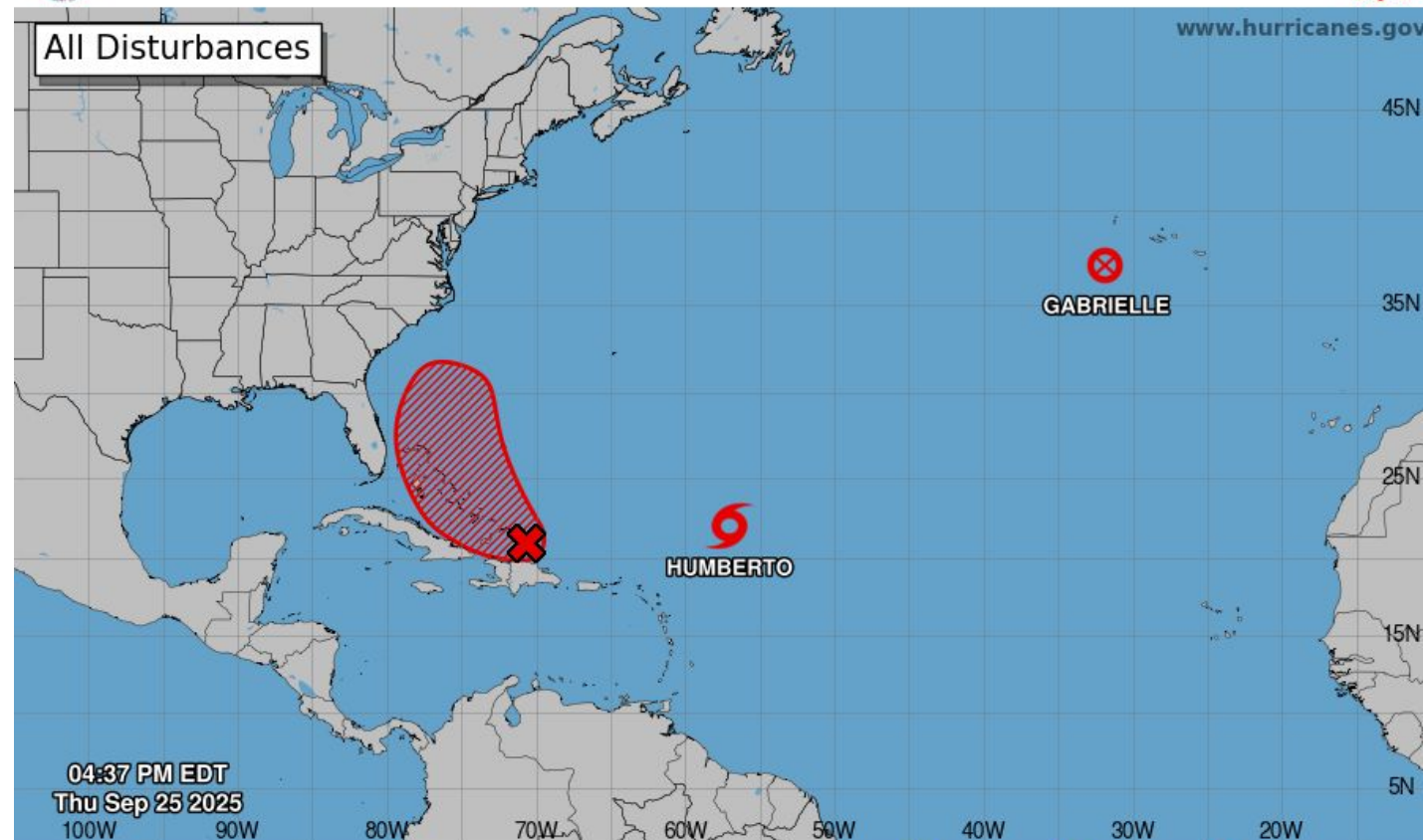
- Long-period swell impacts along the coast (see slide #2 for additional information on this hazard)
- This is a unique, and more unusual, setup for the Atlantic, with potential impacts from two separate tropical systems
- Inland impacts are possible but remain unclear at this point, as they are heavily dependent on the track and intensity of 94L.

NEXT BRIEFING

- The next briefing is scheduled to be sent by 6:00 pm EDT on Friday, September 26, 2025 (or earlier if conditions warrant)

Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



04:37 PM EDT
Thu Sep 25 2025

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

Tropical or Sub-Tropical Cyclone: ○ Depression ◉ Storm ⦿ Hurricane

⊗ Post-Tropical Cyclone or Remnants

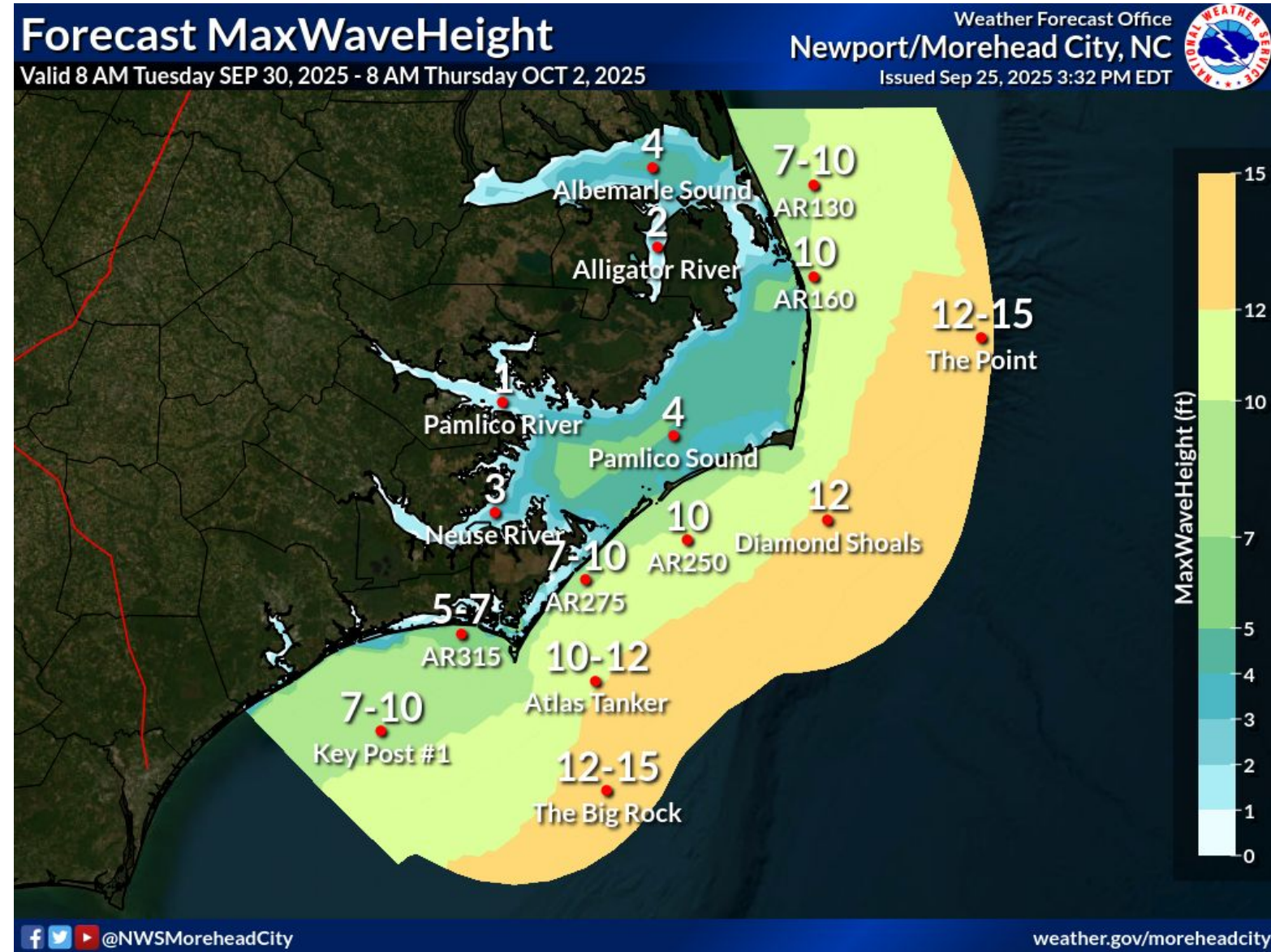




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Oceanside Impacts



TIMING

- Long period swell from Humberto begins to arrive Monday
- Peak swell impacts are likely Tuesday - Wednesday

HAZARDS & IMPACTS

- Increased risk of dangerous rip currents
- Threat of large breaking waves, ocean overwash, and wave runup is increasing

ADDITIONAL INFORMATION

- **Confidence:** Confidence is moderate to high regarding impacts from long-period swell
- Peak wave periods of 15-16 seconds is forecast. The potential exists for higher waves and a longer period

