



Significant Coastal Impacts Late Week

October 7, 2025
4:00 AM

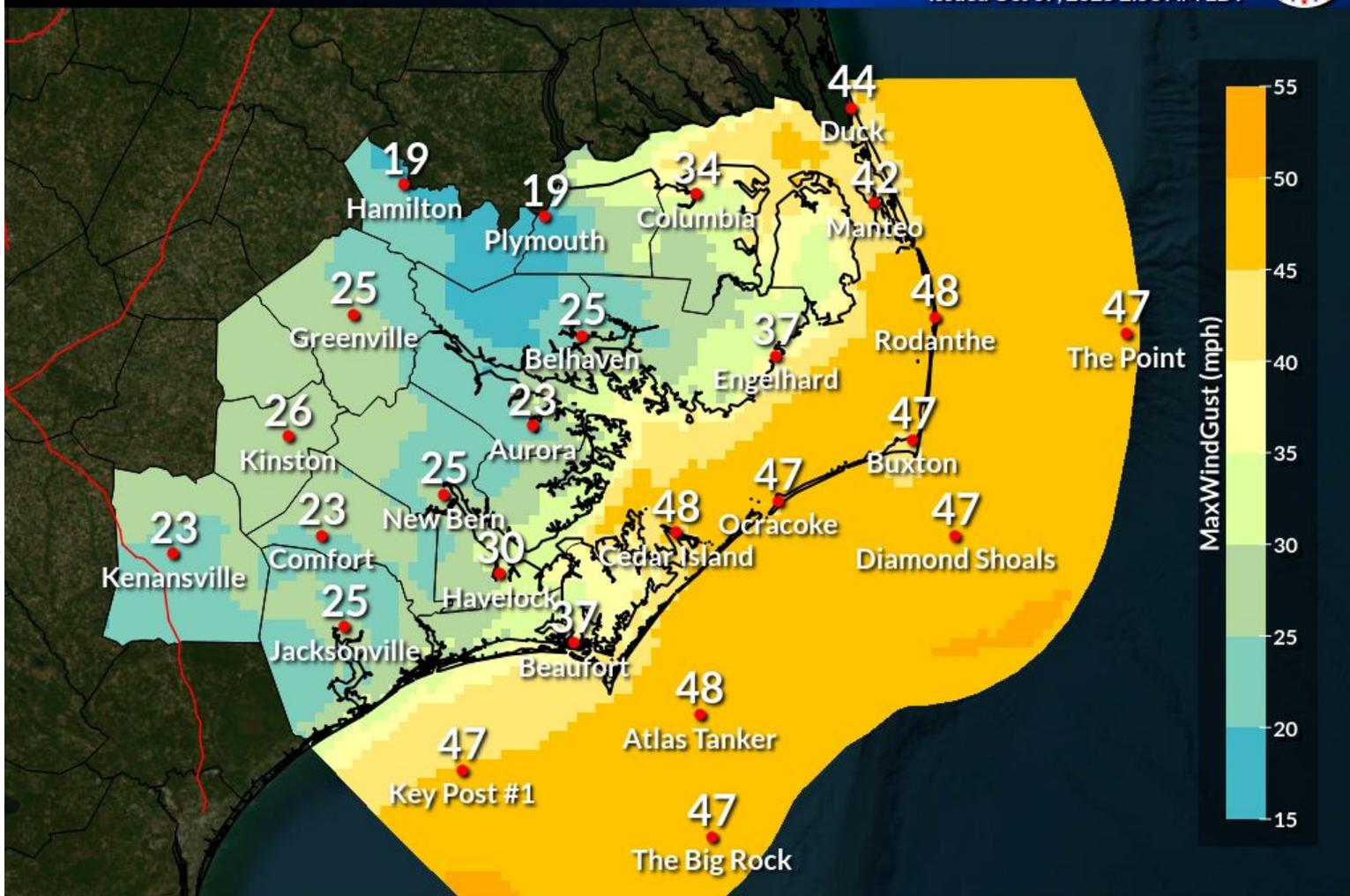
For Eastern North Carolina

OVERVIEW

Strong NE winds expected Thursday into Friday with coastal flooding concerns. Then stronger winds and moderate to major coastal flooding possible this weekend as a strong coastal storm develops off the Southeast U.S. coast.

Wind Gusts This Weekend (MPH)

Weather Forecast Office
Newport/Morehead City, NC
Issued Oct 07, 2025 2:58 AM EDT



TIMING

▪ Thursday through this weekend

HAZARDS & IMPACTS

- Strong NE winds, with gusts in excess of 45-50 mph. **Confidence: HIGH.**
- Minor to moderate coastal flooding Thursday into Friday along the Outer Banks, Neuse/Bay Rivers and southern Pamlico Sound. **Confidence: HIGH.**
- A strong coastal storm is expected to form **this weekend**, which could bring **moderate to major coastal impacts**, especially to vulnerable communities. **Confidence: MODERATE.**

NEXT BRIEFING

▪ Tuesday, October 7th by 6 PM.
Follow weather.gov/mhx for updates.

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National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Newport/Morehead City, NC