

September 28, 2025

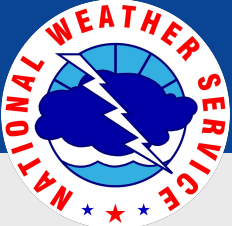
National Weather Service - Newport/Morehead City, NC

Briefing

4:55 PM

Sunday, September 28, 2025

Hurricane Humberto /
Tropical Storm Imelda



Key Messages

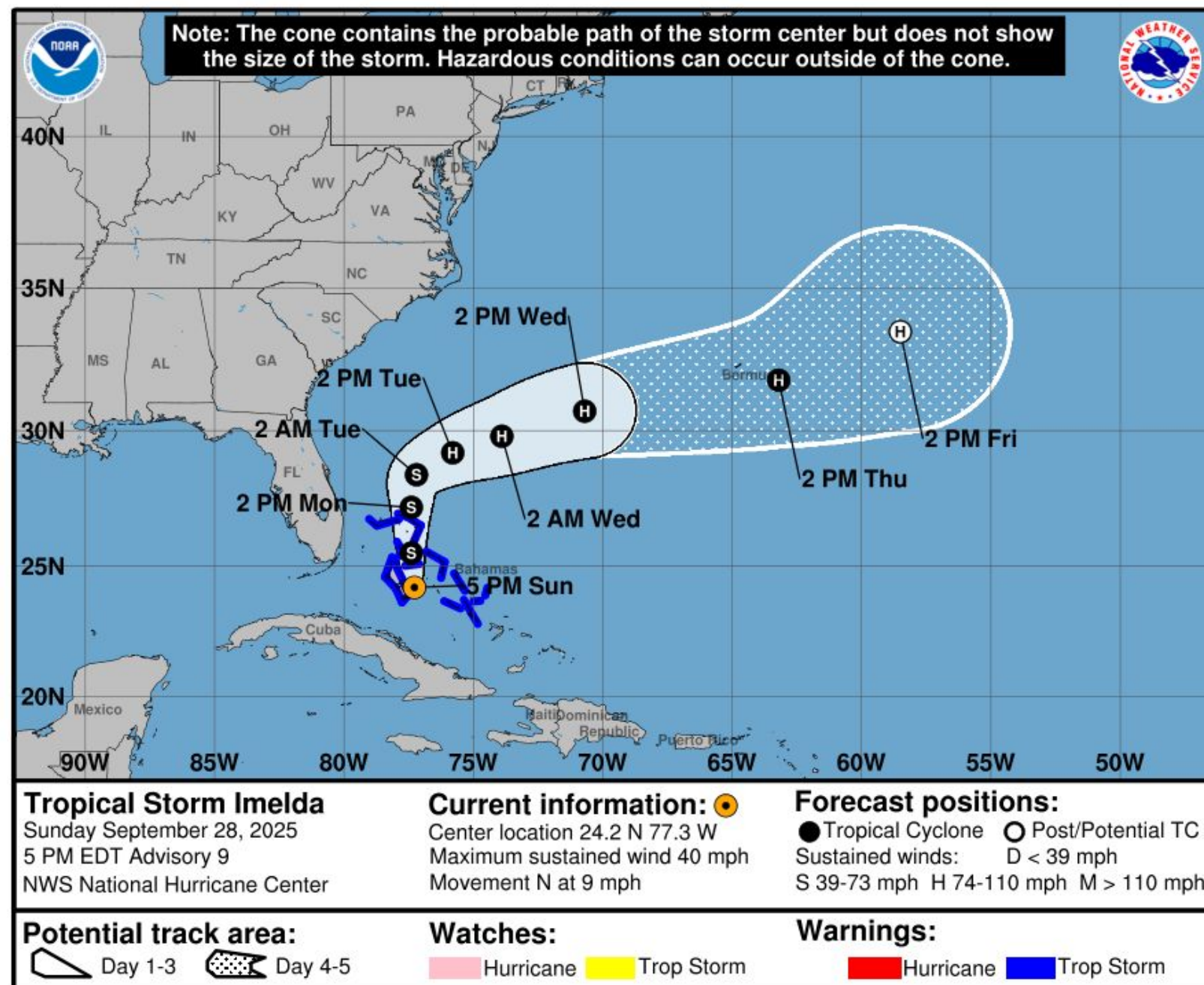
Newport/Morehead City, NC

September 28, 2025
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NEW

Key Points

- Tropical Depression 9 (TD 9) is now Tropical Storm Imelda, and Hurricane Humberto remains a major hurricane (category 4)
- Confidence continues to increase regarding an offshore Imelda track.
- Confidence is high regarding the potential for a long-duration and impactful swell event for the Eastern NC coast and nearby coastal waters
- Confidence is moderate to high for coastal flooding impacts
- Dangerous surf conditions start Monday afternoon, and last through much of the upcoming week
- Marine and coastal headlines are now in effect

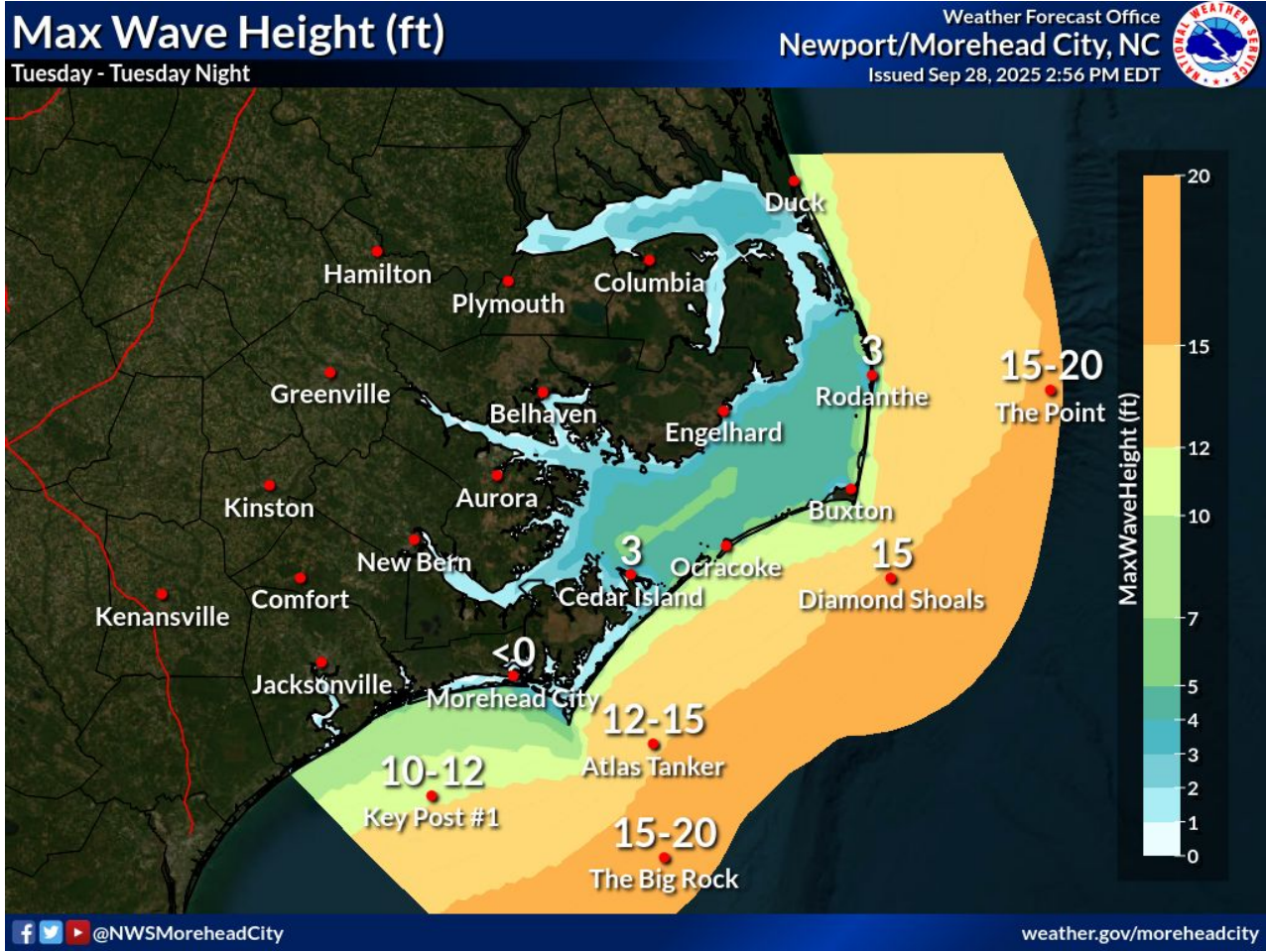
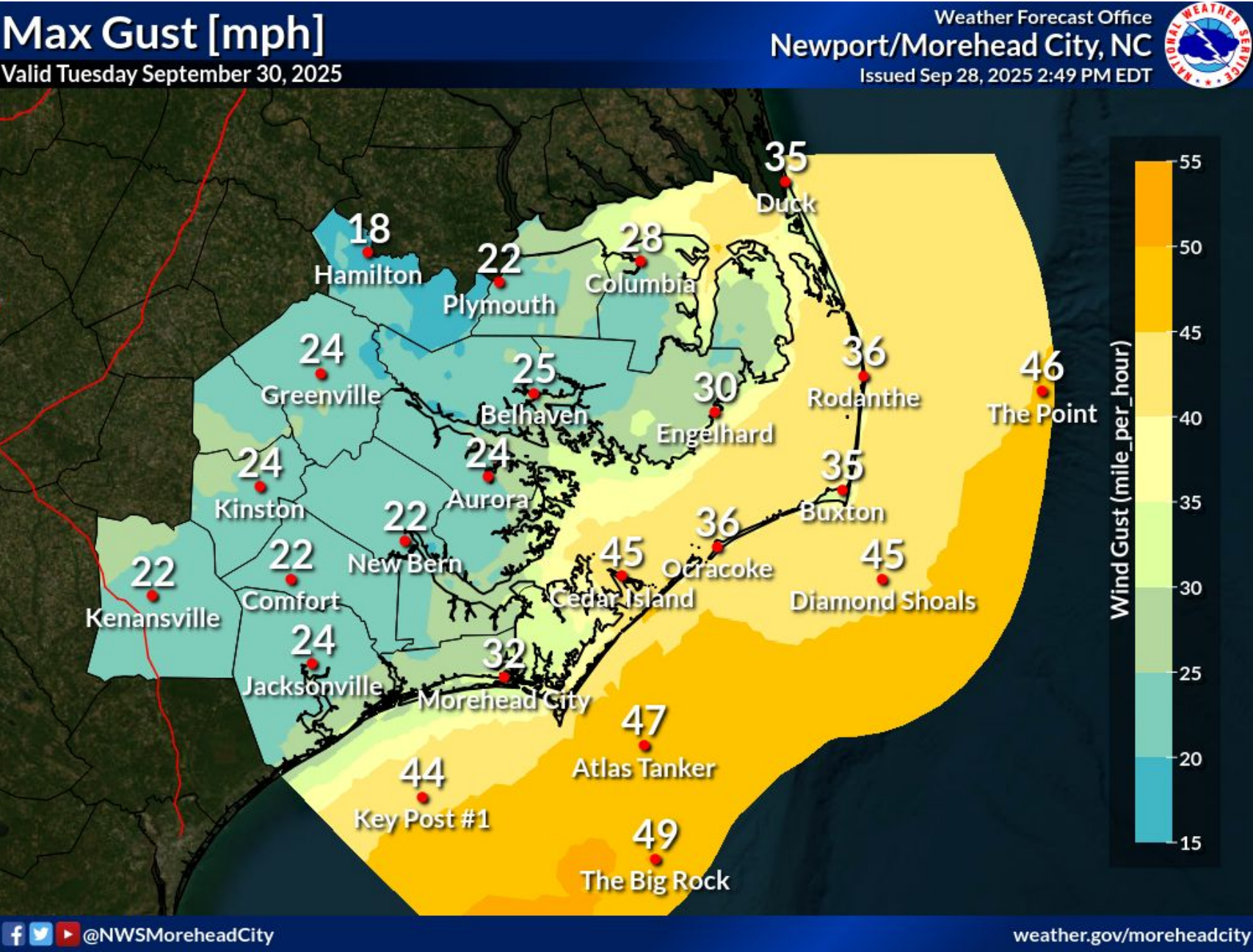




Max Wind and Wave Heights

September 28, 2025
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Valid for Tuesday, September 30, 2025



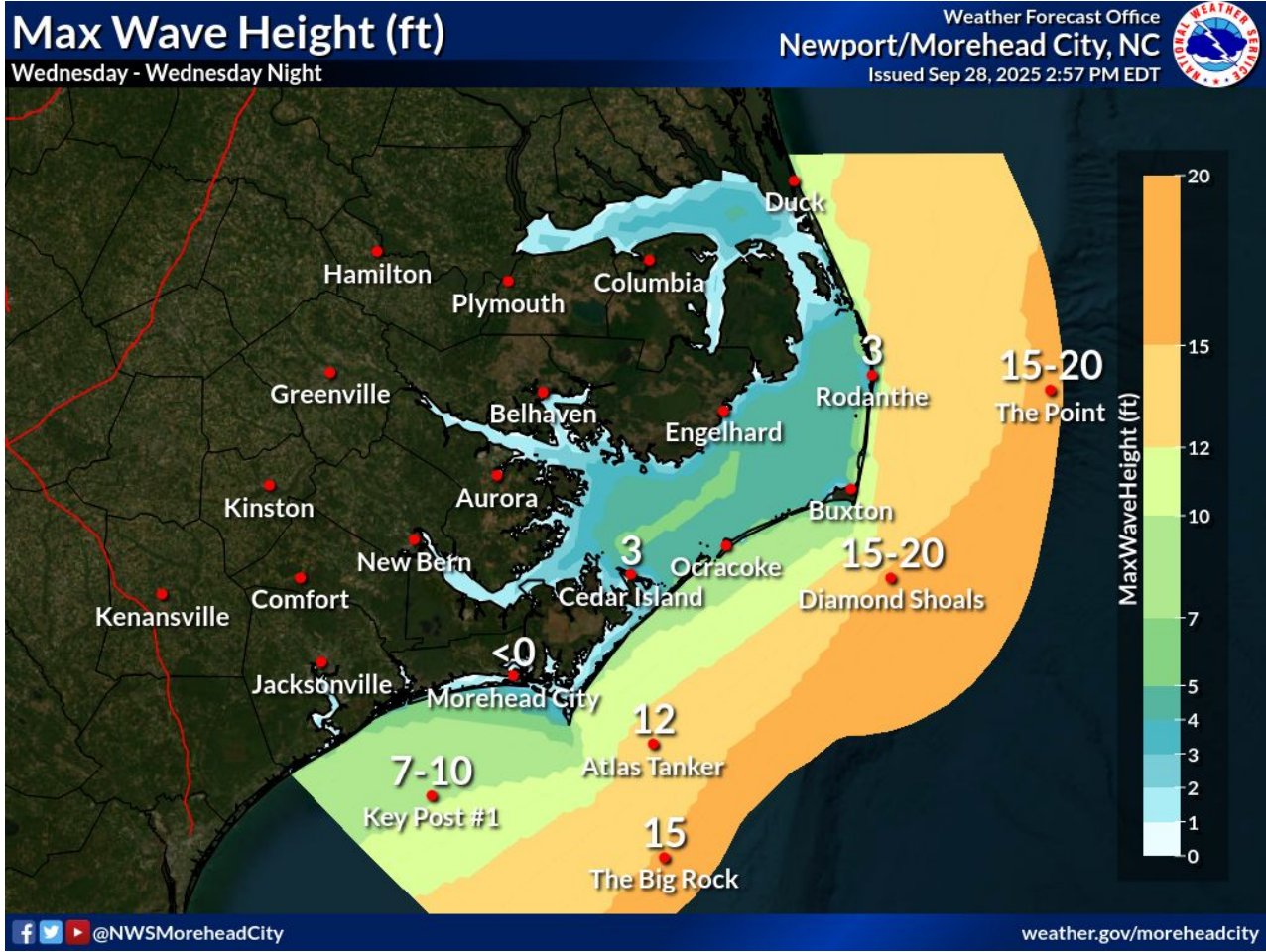
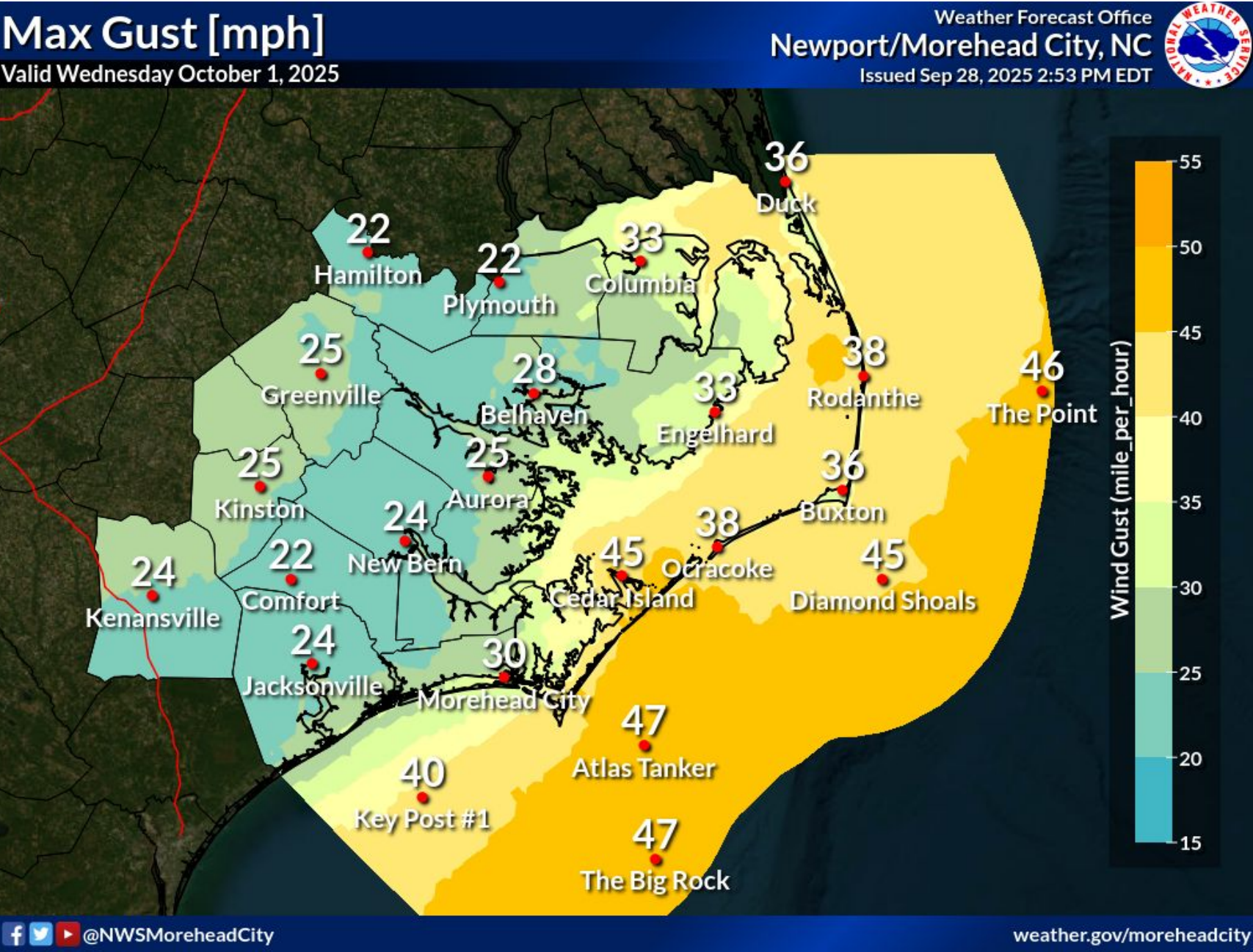
Peak wave period: 13-15s



Max Wind and Wave Heights

September 28, 2025
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Valid for Wednesday, October 1, 2025



Peak wave period: 10-12s

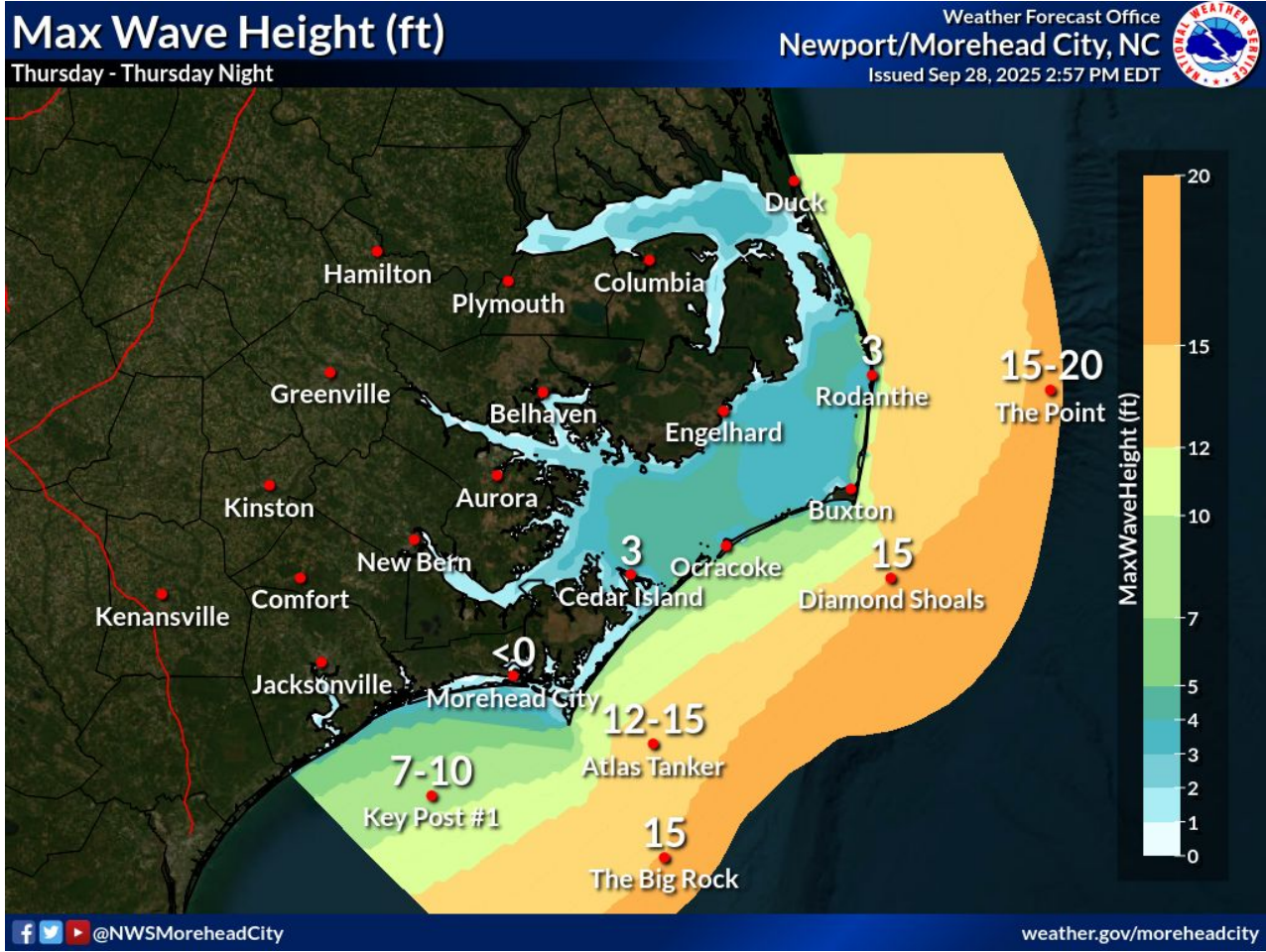
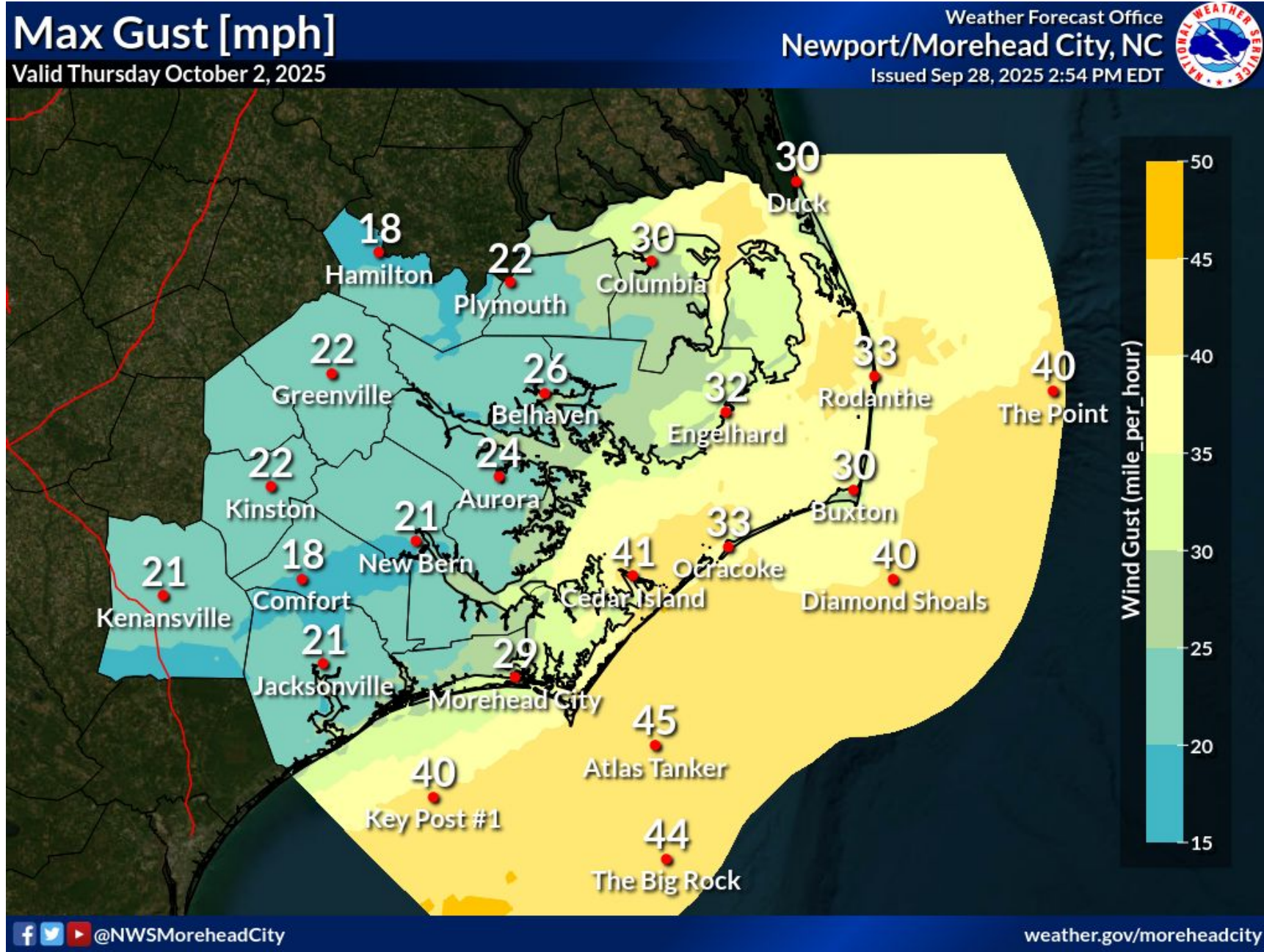




Max Wind and Wave Heights

September 28, 2025
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Valid for Thursday, October 2, 2025



Peak wave period: 10-12s

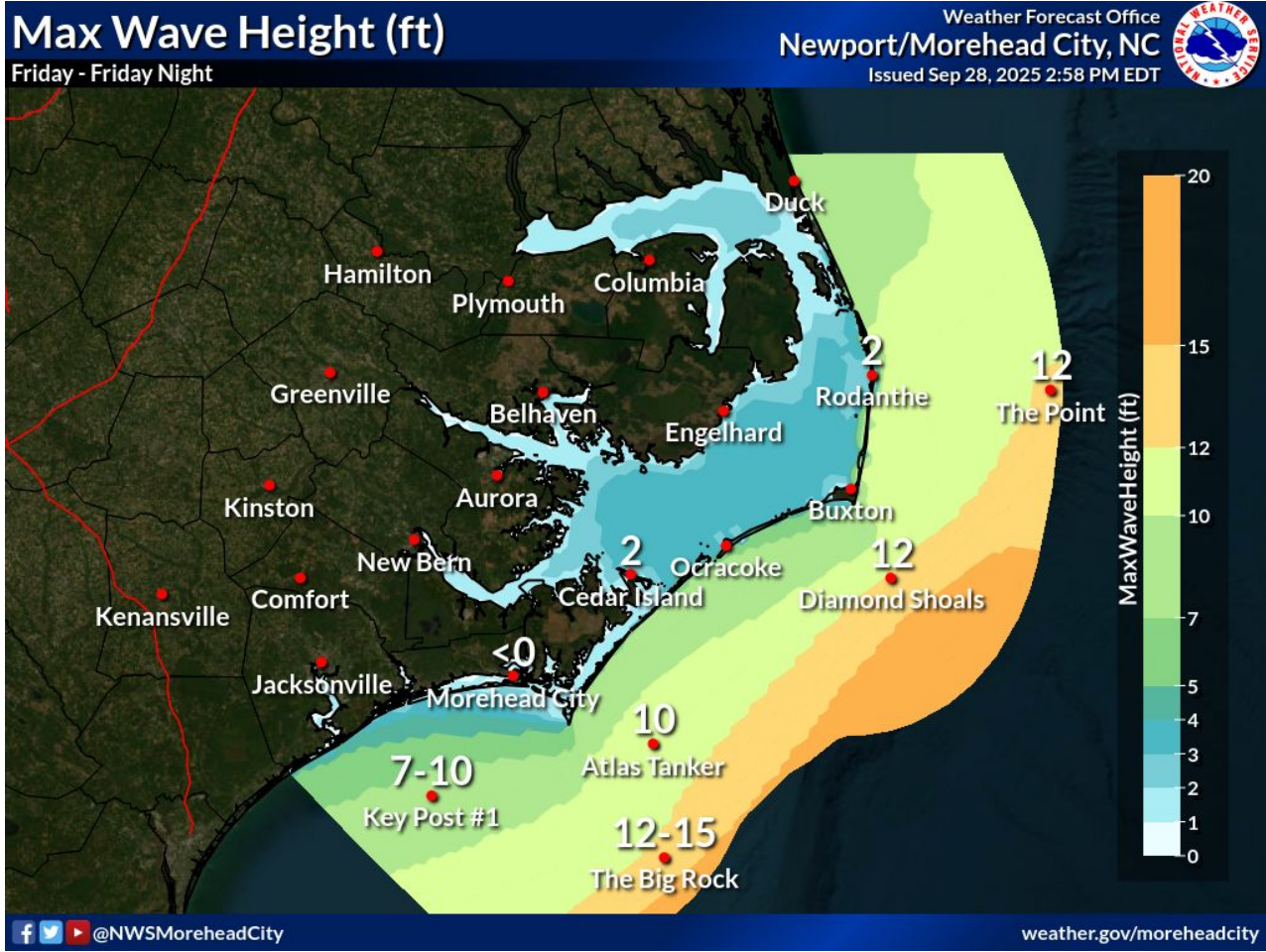
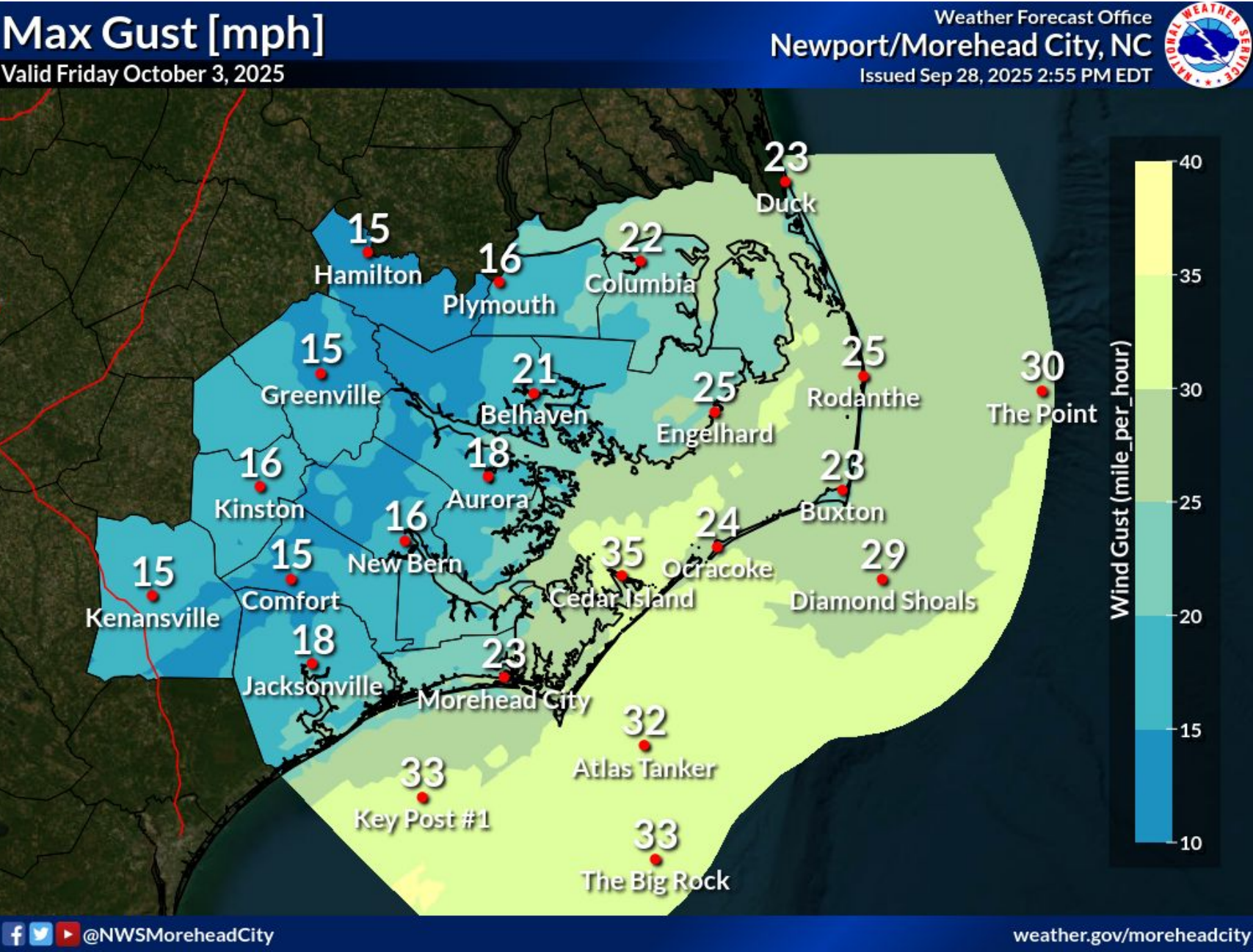




Max Wind and Wave Heights

September 28, 2025
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Valid for Friday, October 3, 2025



Peak wave period: 10-12s

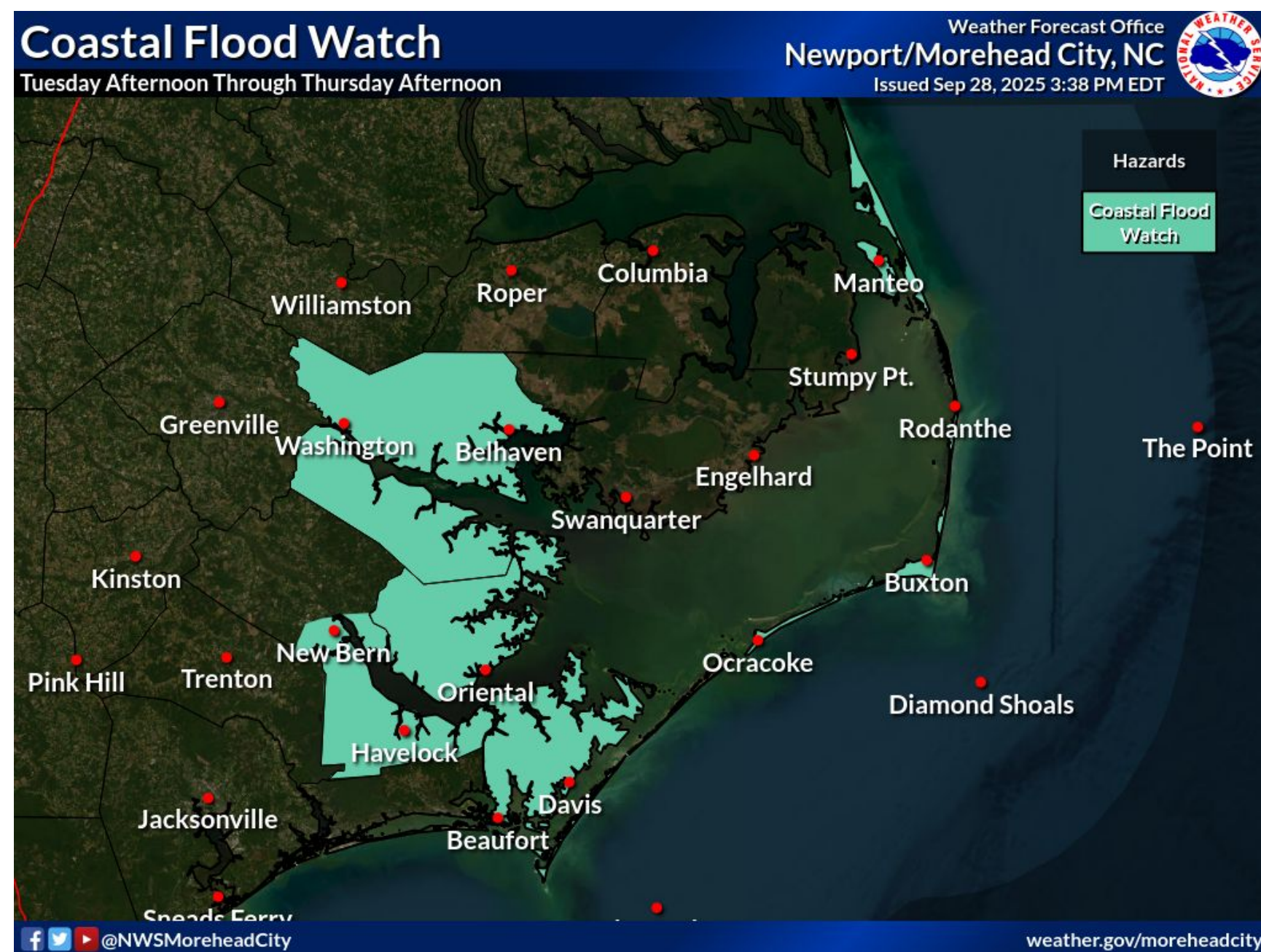




Coastal Flood Watch

Humberto / Imelda

September 28, 2025
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- Minor to moderate coastal flooding possible in low-lying areas near shorelines and tidal waterways
- Greatest potential for impacts along vulnerable portions of Highway 12 on Ocracoke and Hatteras Islands
- Some shoreline erosion may occur



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

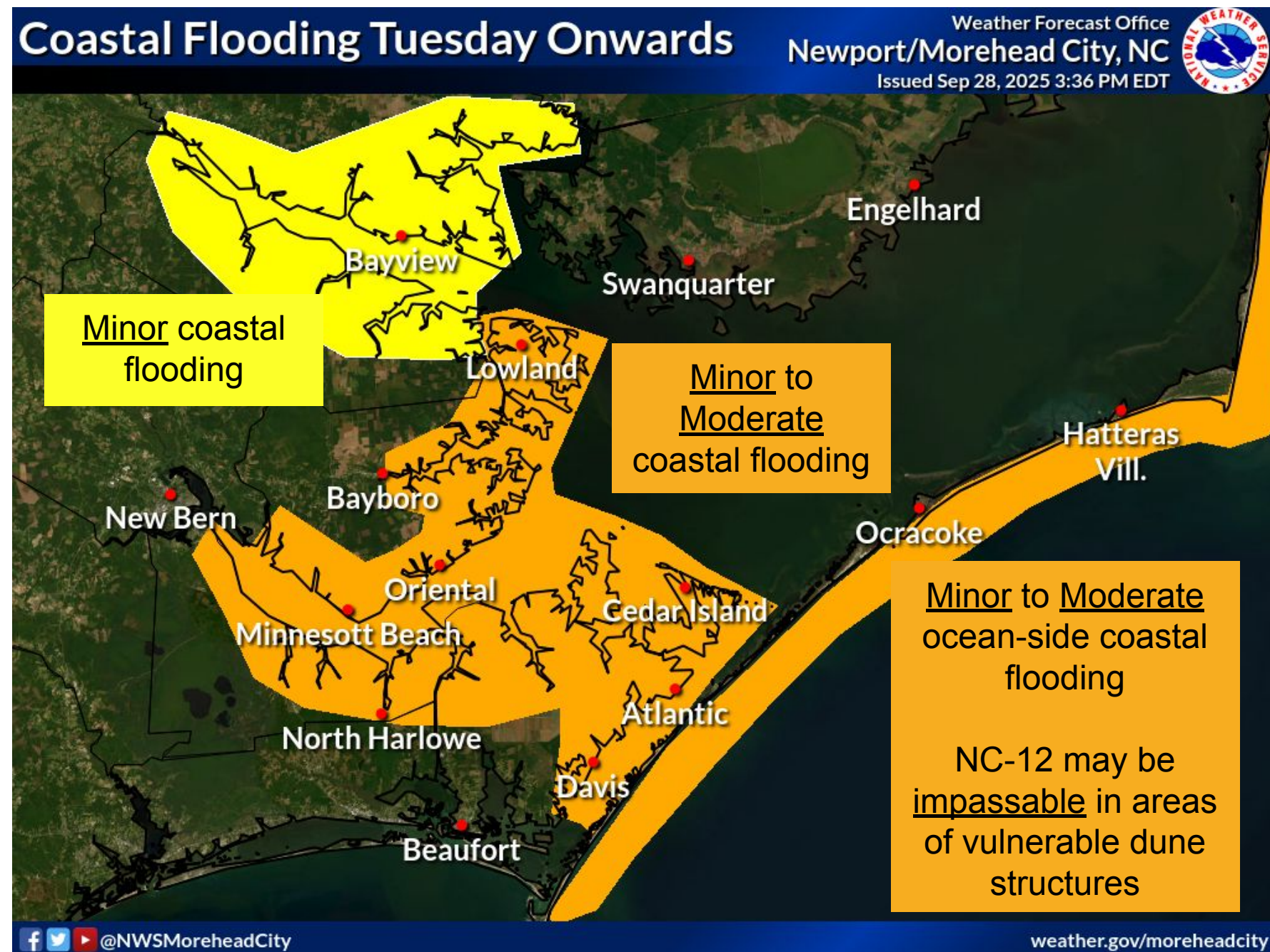
National Weather Service
Newport/Morehead City, NC



Coastal Flooding Risk

September 28, 2025
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Humberto / Imelda



- Coastal Flood Watch in effect for southern Pamlico Sound and ocean-side Outer Banks
- Greatest potential for ocean-side impacts along vulnerable portions of Highway 12 on Ocracoke and Hatteras Islands
- Strong, persistent NE winds result in greatest impacts along southern Pamlico Sound, Neuse River, and Bay River



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U.S. Department of Commerce

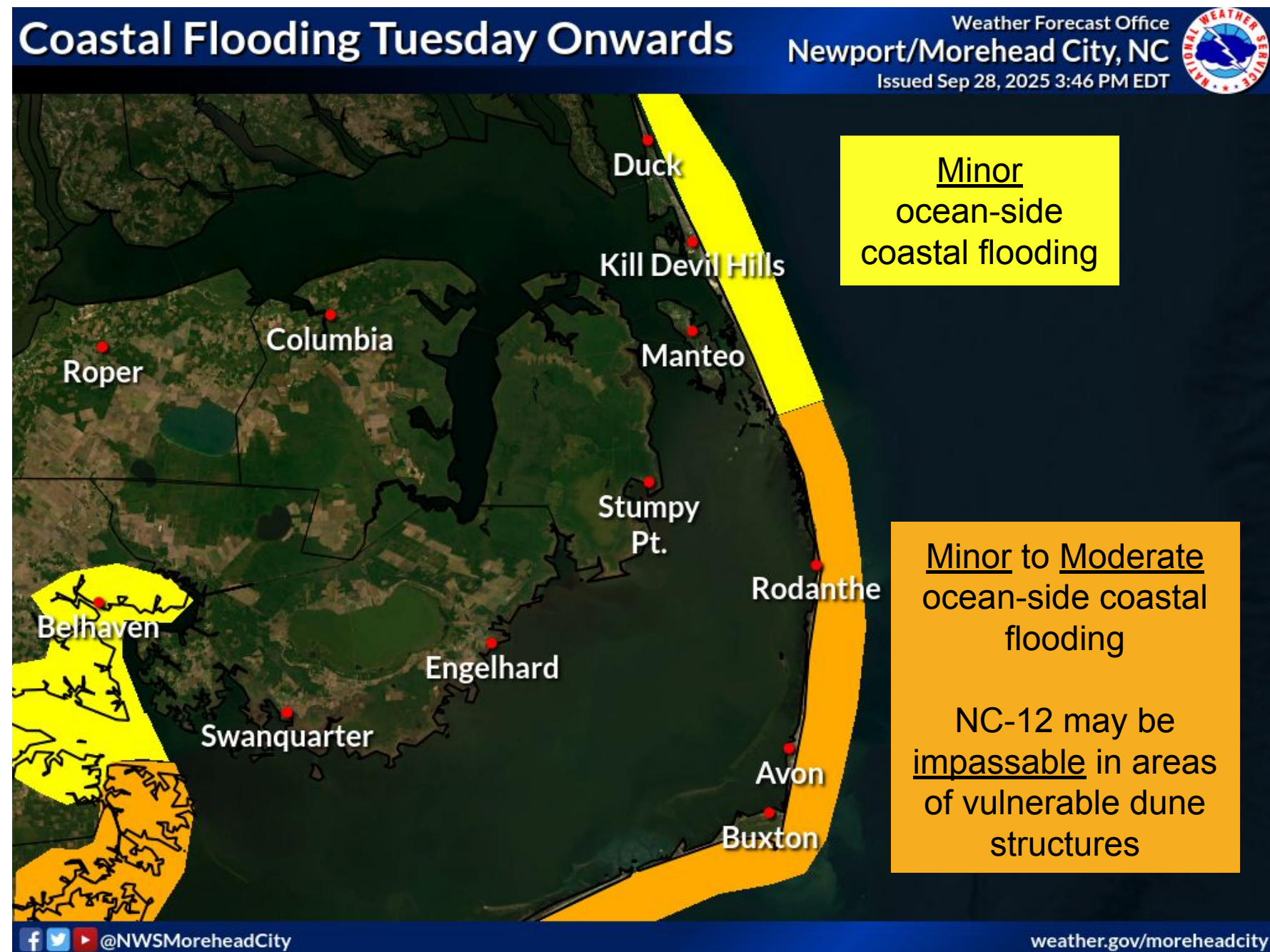
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Coastal Flooding Risk

September 28, 2025
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Humberto / Imelda



- Coastal Flood Watch in effect for southern Pamlico Sound and ocean-side Outer Banks
- Greatest potential for ocean-side impacts along vulnerable portions of Highway 12 on Ocracoke and Hatteras Islands
- Minor impacts expected ocean-side north of Oregon Inlet



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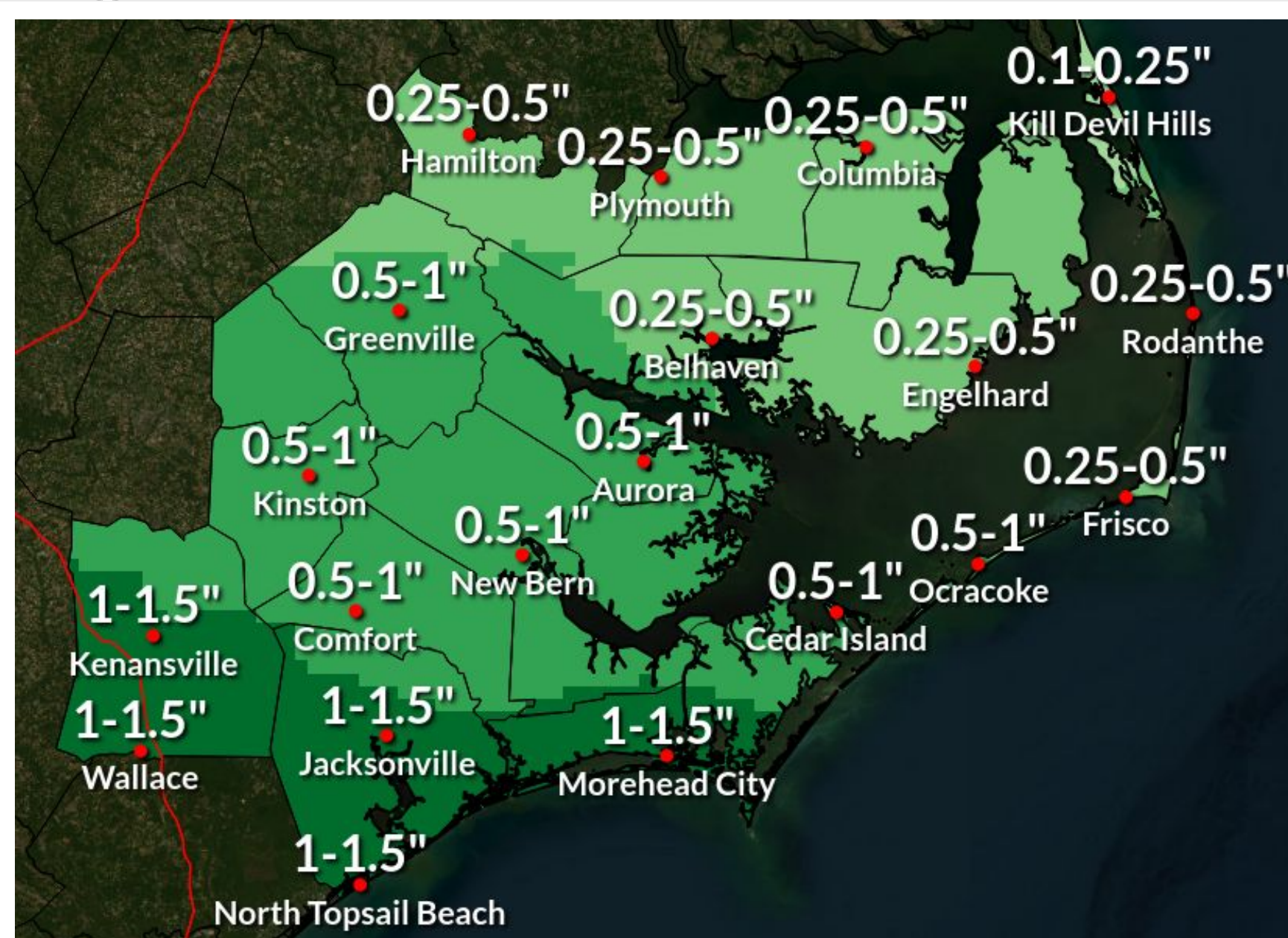
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Rainfall Monday Through Tuesday

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Humberto / Imelda



Key Messages

- Risk of extended heavy rainfall has decreased significantly with this update as the track of Imelda has shifted farther offshore
- Southern portions of the forecast area could see 1-2 inches of rainfall with amounts decreasing further north
- Locally higher amounts possible in heavier training showers and thunderstorms





Dangerous Rip Currents All Week

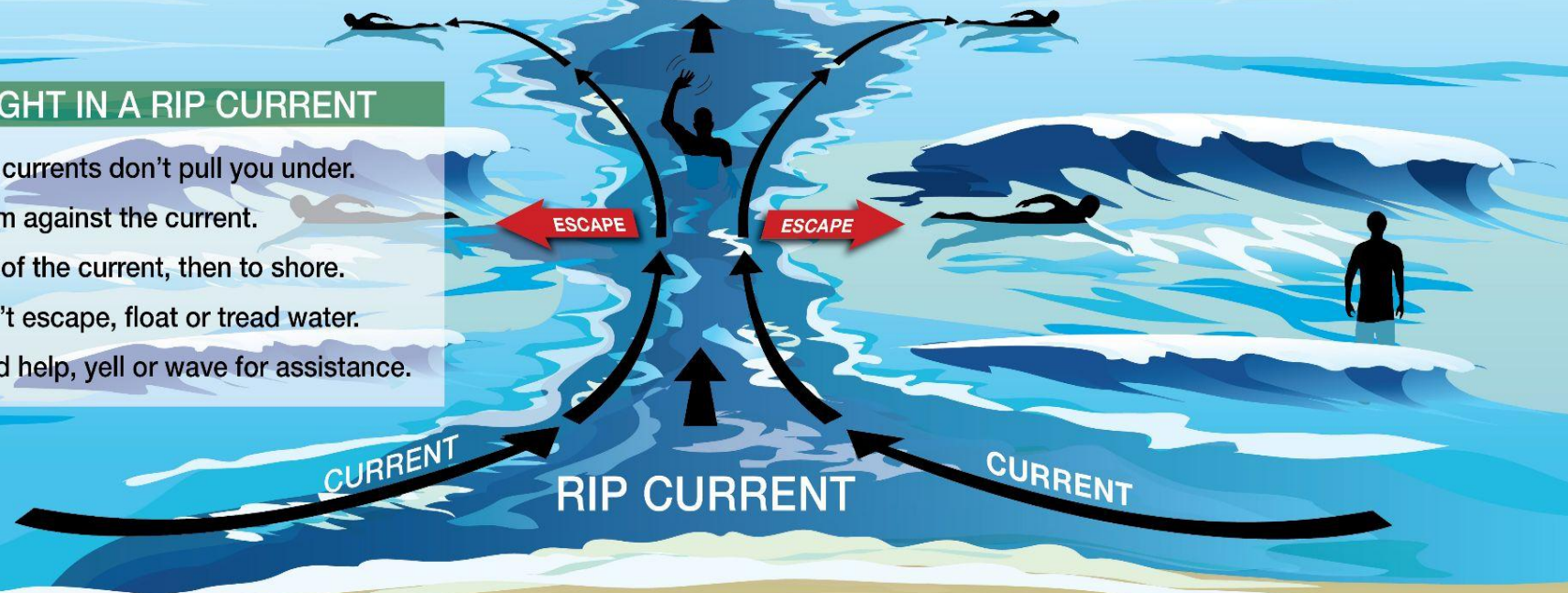
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Humberto / Imelda

RIP CURRENTS KNOW YOUR OPTIONS

IF CAUGHT IN A RIP CURRENT

- Relax, rip currents don't pull you under.
- Don't swim against the current.
- Swim out of the current, then to shore.
- If you can't escape, float or tread water.
- If you need help, yell or wave for assistance.

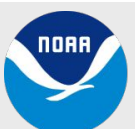


Rip currents are powerful currents of water moving away from shore. They can sweep even the strongest swimmer away from shore. If at all possible, swim near a lifeguard.



- Life threatening rip currents will be possible all week
- The surf will be extremely dangerous due to large breaking waves which will begin impacting the NC coast Monday afternoon, lasting much of the upcoming week
- The latest beach forecast can be found by visiting:

weather.gov/beach/mhx



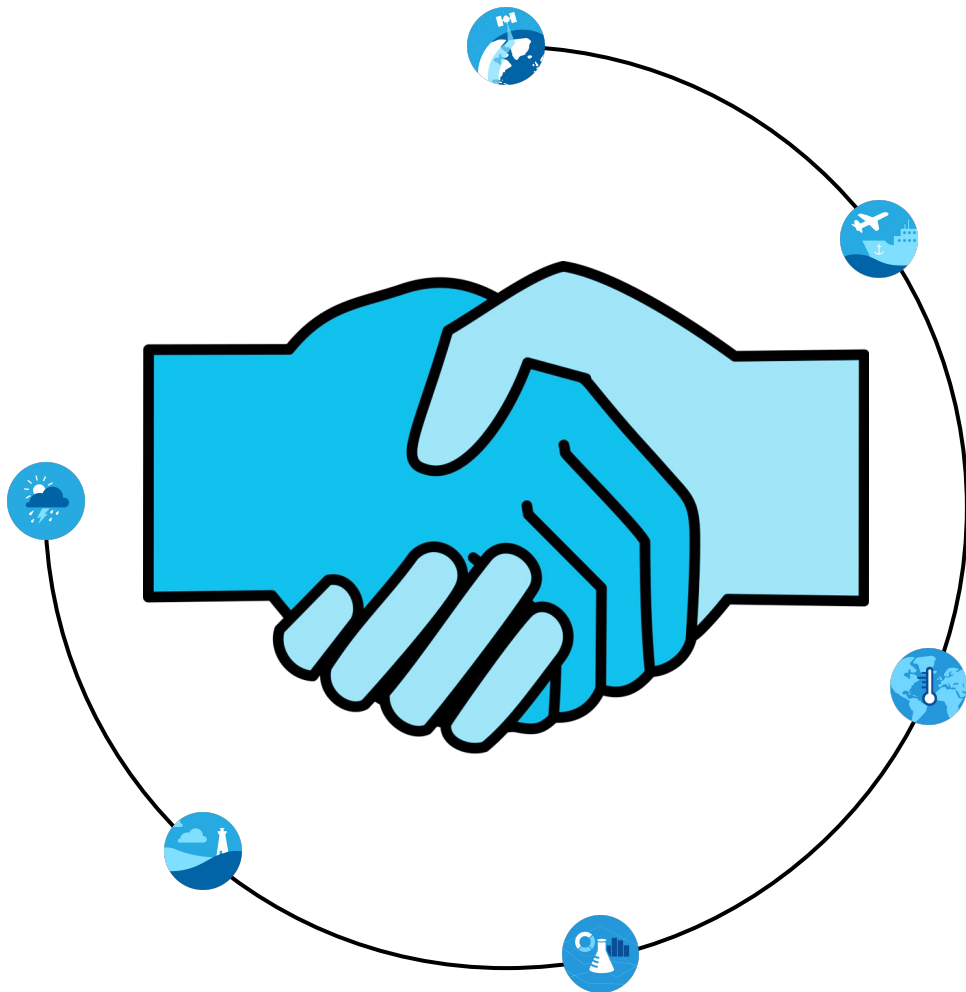
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Atmospheric Administration
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National Weather Service
Newport/Morehead City, NC



Contact Info & Additional Briefings

September 28, 2025
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Additional Briefings Expected?



YES



NO

When: By 5:00 PM ET on Monday, September 29, 2025 (or earlier if conditions warrant)

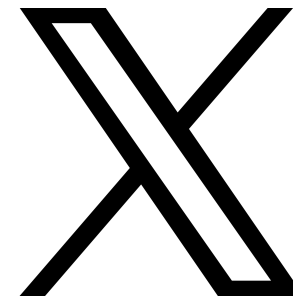
Contact Information

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