



Coastal Low Weather Briefing

October 9, 2025
2:13 PM EDT

For eastern North Carolina

Decision Support Briefing #5

Key Messages

- Long duration hazardous wind & seas event is forecast through the weekend
- **A Strong Coastal Storm will develop this weekend, bringing the potential for stronger winds, and moderate to locally major coastal flooding**
- King Tides (through this weekend) will exacerbate coastal flooding impacts
- Heavy rain and areas of flash flooding are possible this weekend with the coastal storm
- **Potential exists for higher impacts than currently predicted if coastal storm is stronger**

Briefing applies to the Morehead City/Newport, NC area only





Threat Levels/Timing - Max Values

October 9, 2025
2:13 PM

For eastern North Carolina

	Thursday	Friday	Saturday	Sunday	Monday					
Wind	1	1	1	2	3	3	3	2	1	
OBX Oceanside Coastal Flooding	1	1	1	1	2	3	3	3	3	2
Soundside Coastal Flooding	1	1	1	1	2	3	3	3	2	1
Heavy Rain & Flash Flooding	0	0	0	1	2	2	2	2	1	0
Marine	1	2	1	1	2	3	3	3	3	2

Effects and Impacts Legend

- 0** Little to No Impact
- 1** Minor Impact
- 2** Moderate Impact
- 3** High Impact
- 4** Extreme Impact

Key Messages

- Timing and threat levels are based on the most likely or current track. **These are subject to CHANGE**
- Continue to monitor future updates and do not anchor on one forecast!





Coastal Low this Weekend

October 9, 2025
2:13 PM

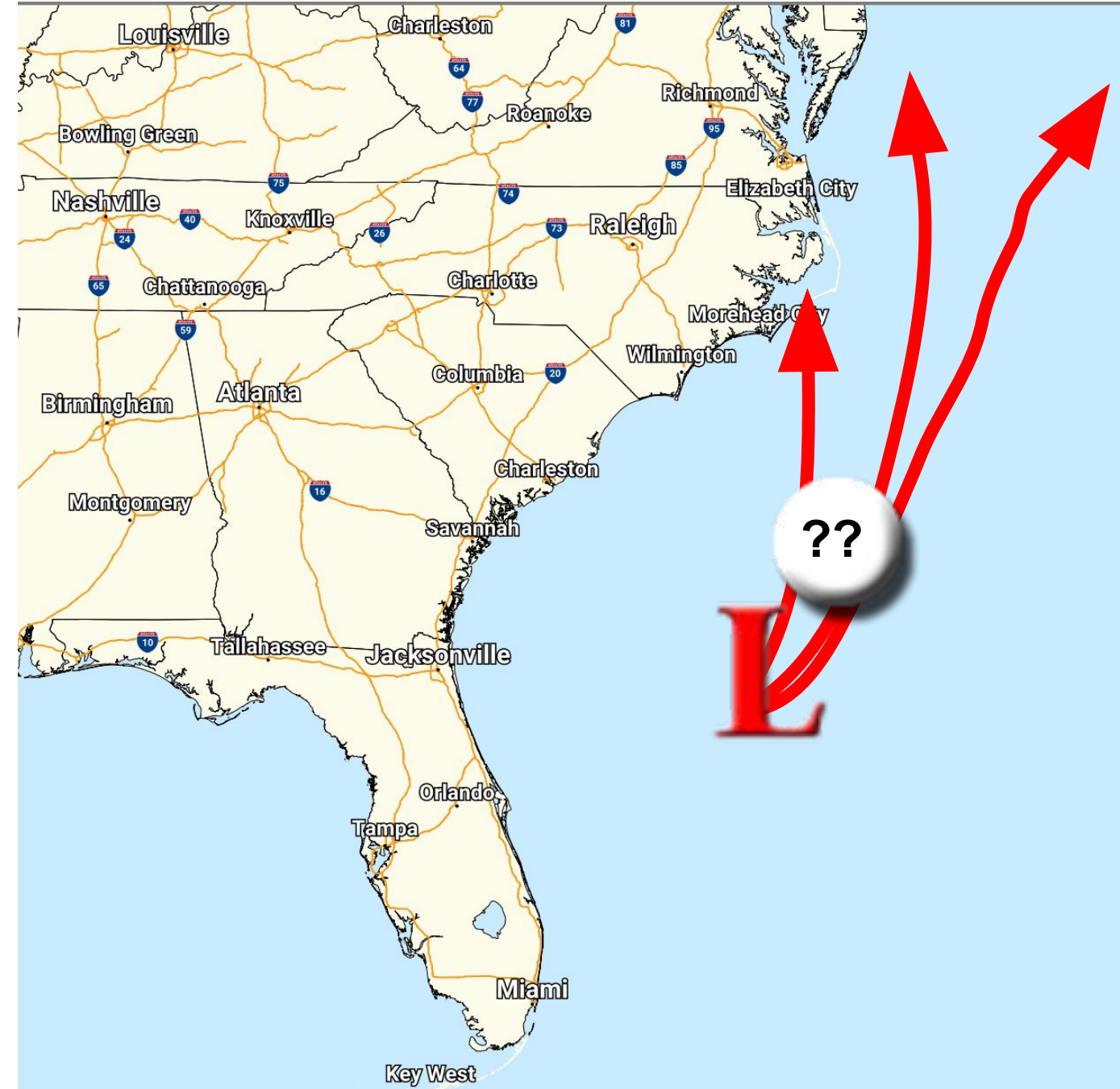
For Eastern North Carolina

OVERVIEW

We are monitoring the development and track of a coastal low over the next few days, and what impacts it will bring to Eastern NC

KEY MESSAGES

- Impacts expected along the coast regardless of the track
- Impacts possible inland, especially if the low ends up tracking closer to the coast
- Magnitude and specific impacts will vary depending on the final track. Check back frequently for updates

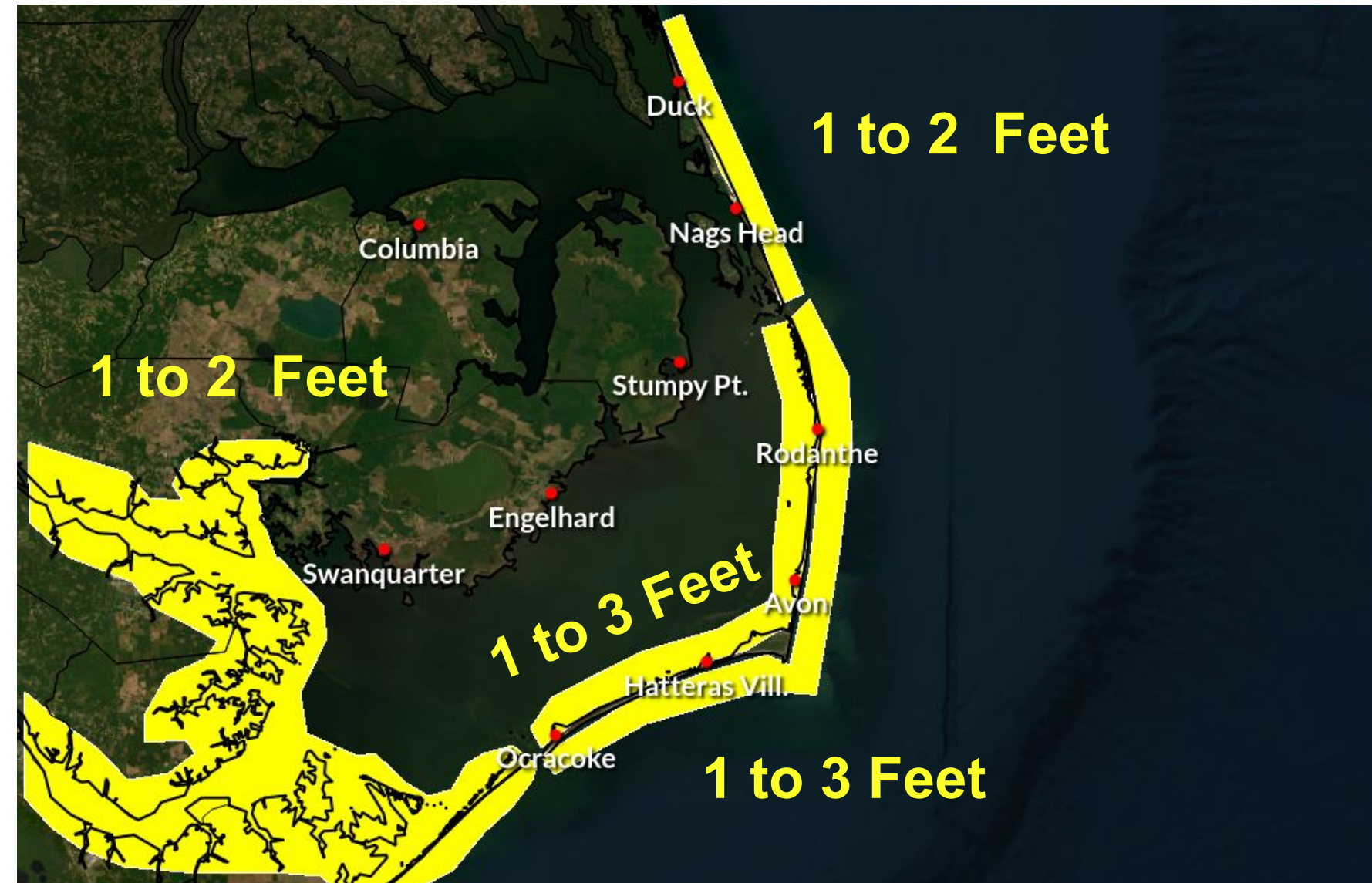




Coastal Flooding - Outer Banks

October 9, 2025
2:13 PM EDT

Through Saturday afternoon



- Strong north to northeast winds through Saturday afternoon
- Minor to locally moderate coastal flooding possible
- King Tide cycle continues, elevating coastal flooding potential during high tides
- Ocean overwash may impact portions of HWY 12 in Hatteras and Ocracoke Islands





Coastal Flooding - Outer Banks

October 9, 2025
2:13 PM EDT

Saturday Night through Monday



- Winds shift to the north and northwest
- Increasing impacts soundside flooding (Hatteras/Ocracoke)
- Some of our highest tides oceanside are expected Sunday into Monday (not reflected on our total water forecast YET)
- Road closures and flooding of vehicles will be possible especially along NC12 where ocean overwash may make the highway inaccessible

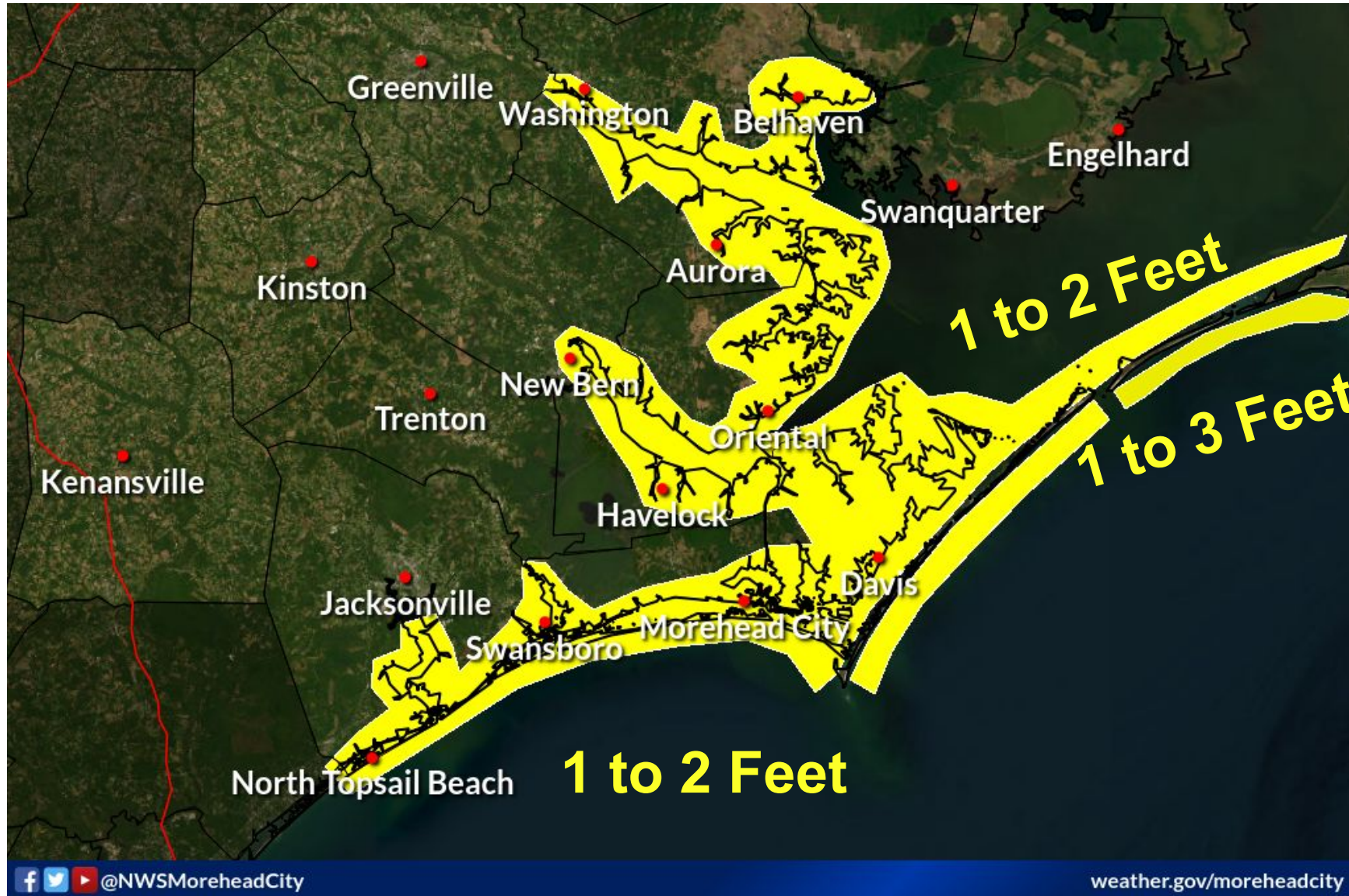




Coastal Flooding - Southern Coast and Rivers

October 9, 2025
2:13 PM EDT

Through Saturday Afternoon



- **Minor coastal flooding of up to 2 feet of inundation above ground level in low-lying areas near shorelines and tidal waterways**
- **Some roads, including parking lots, parks, lawns and homes adjacent to the waterfront will experience shallow flooding**

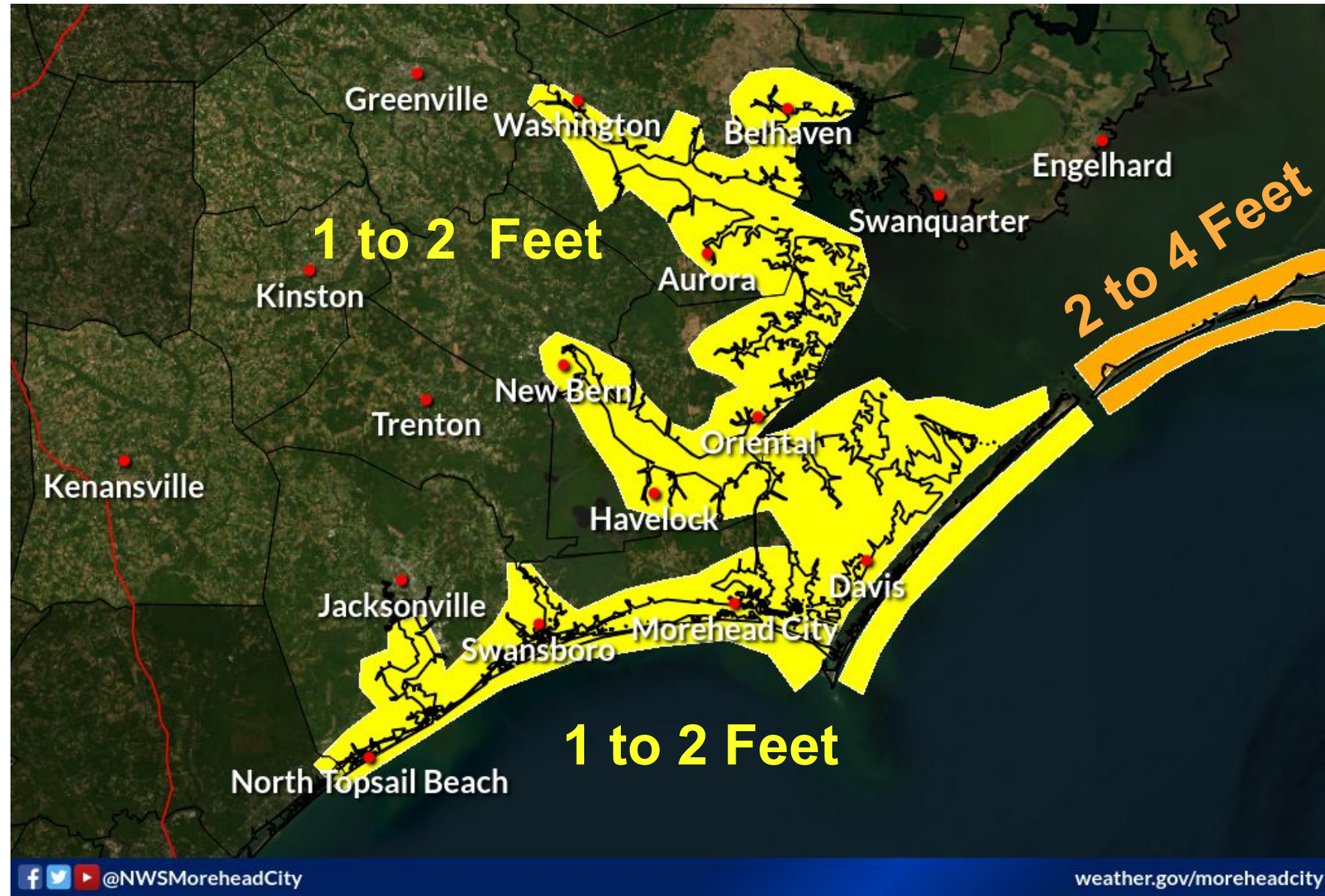




Coastal Flooding - Southern Coast and Rivers

October 9, 2025
2:13 PM EDT

Saturday Night through Monday



- Winds shift to the north and eventually northwest Sunday
- More significant inundation is possible with up to 2 to 4 feet of inundation above around level possible for soundside Outer Banks
- NC 12 Ocean overwash may make portions of the highway inaccessible across Ocracoke Island

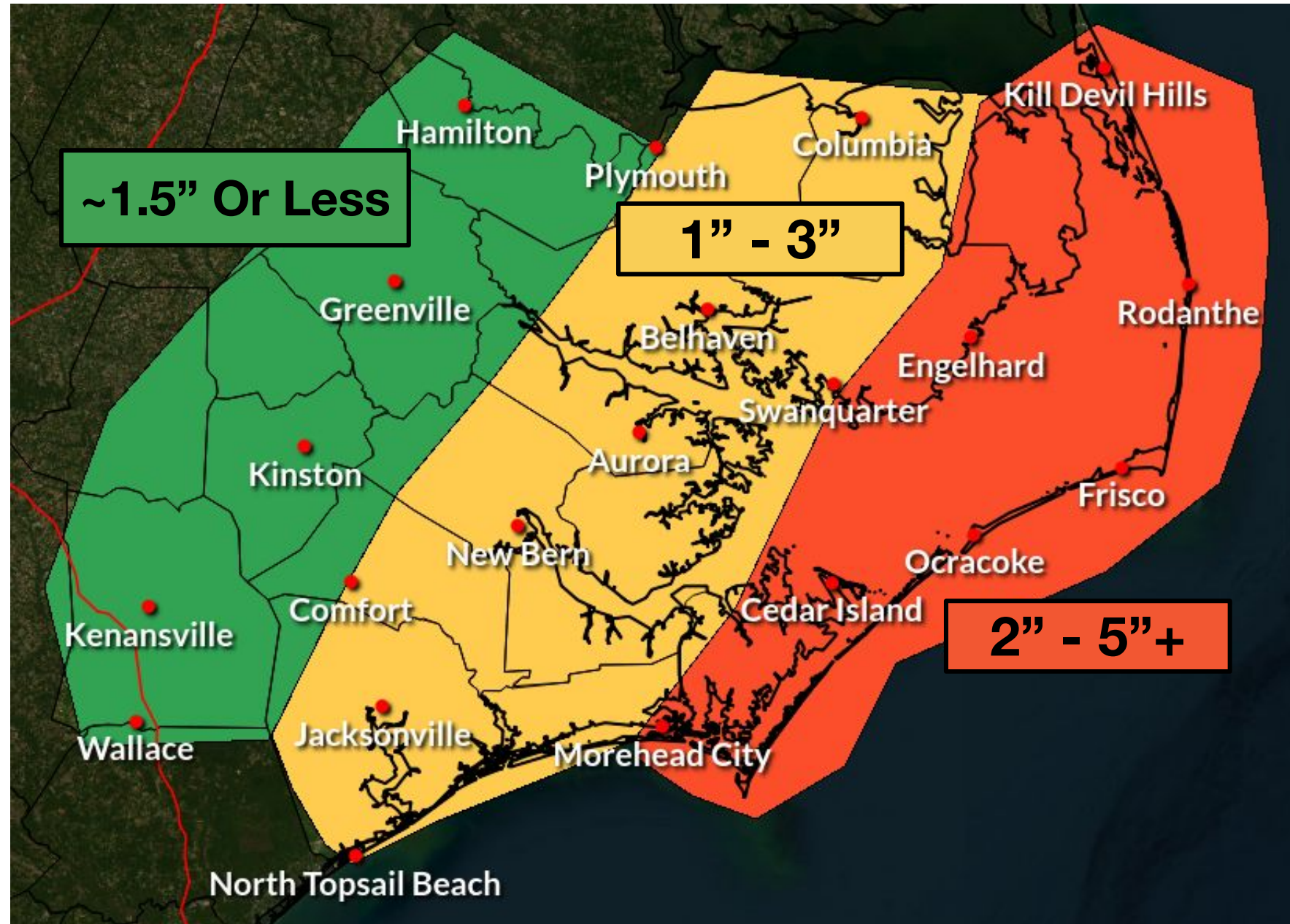




Total Rainfall Friday Through Sunday

October 9, 2025
2:13 PM EDT

Visit www.weather.gov/mhx for more information



Key Messages

- Heaviest rain falls closer to the coast and **ESPECIALLY** the Outer Banks
- Localized ponding of water and flooding possible in the heaviest bands of rain
- We are likely to see a sharp drop off in rainfall (to very little) on the western edge



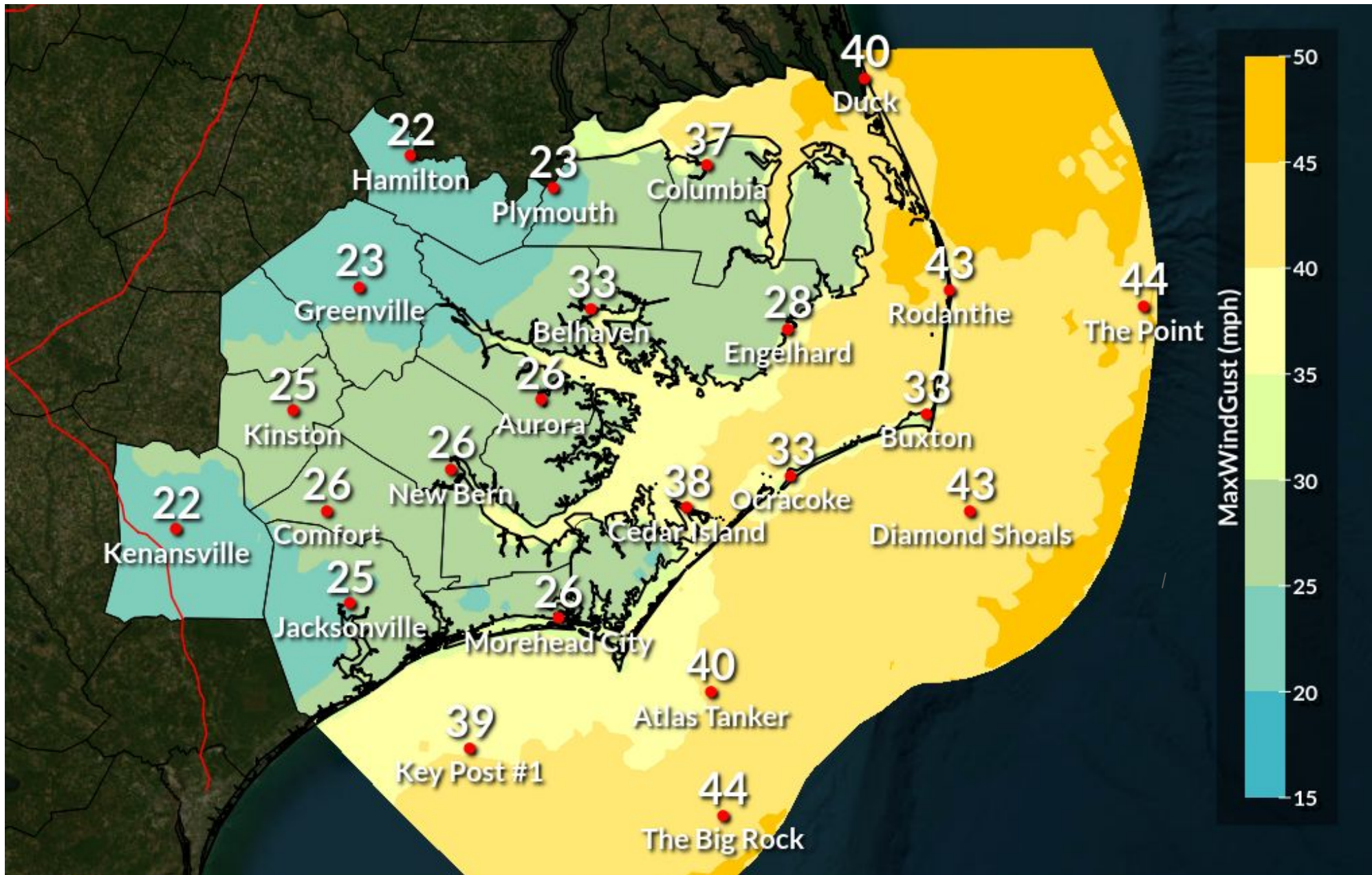


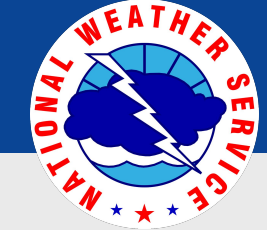
Max Wind Gusts Saturday/Sunday

October 9, 2025
2:13 PM

Visit www.weather.gov/mhx for more information

- Strongest **Saturday evening into early Sunday**
- Potential for wind gusts of **60 MPH or more, along immediate Outer Banks**
- Wind direction initially east to northeast through Saturday, Shifts north and northwest Sunday

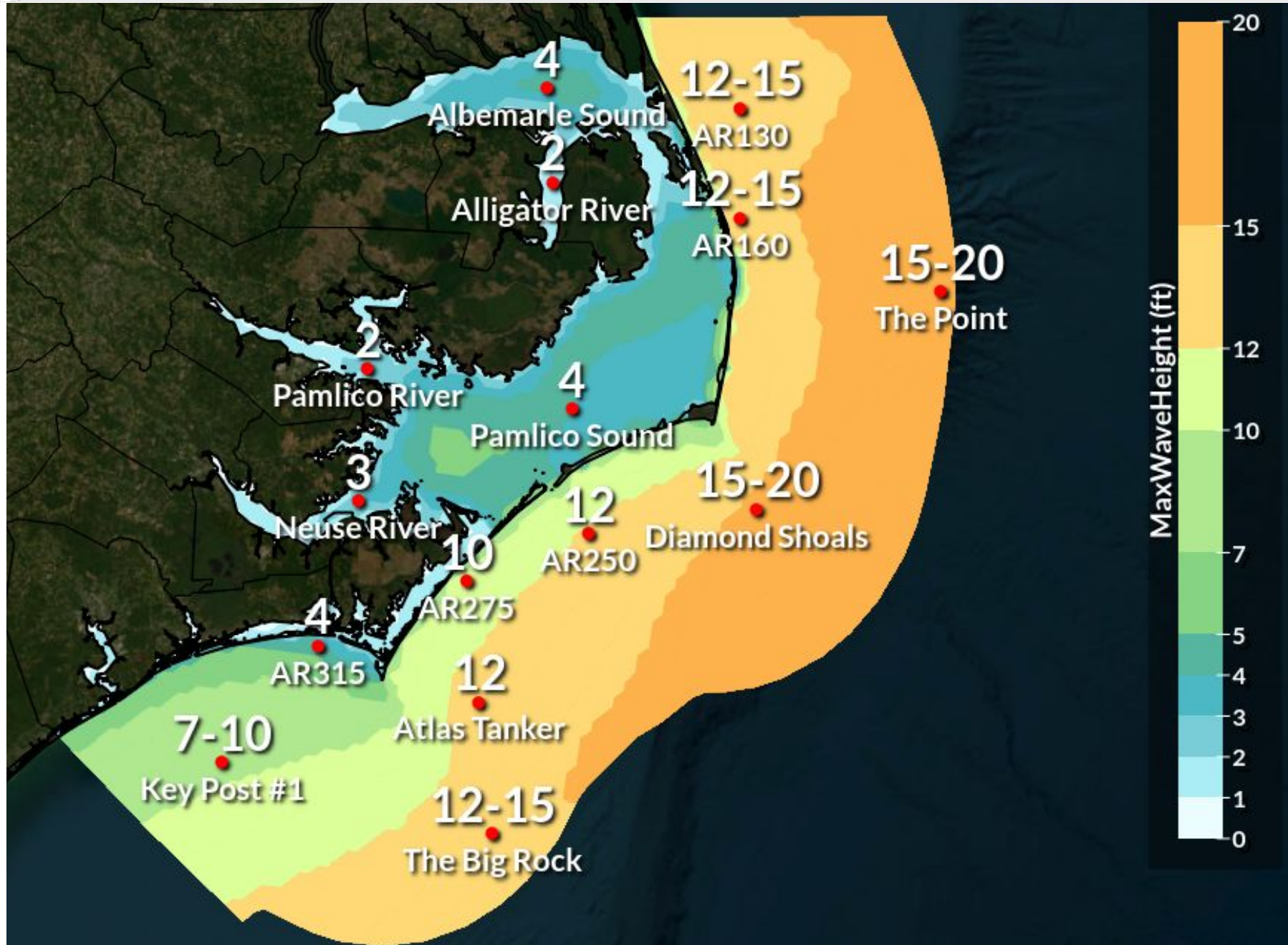




Maximum Wave Heights

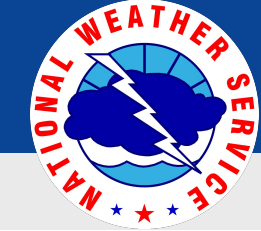
October 9, 2025
2:13 PM EDT

Saturday/Sunday



- **Hazardous seas which could capsize or damage vessels and reduce visibility**
- **Large breaking waves leading to beach erosion**
- **Mariners should consider altering plans to avoid hazardous conditions**





Contact and Next Briefing Information

October 9, 2025
2:13 PM EDT

For National Weather Service Newport / Morehead City



Briefing Webpage

→ weather.gov/media/mhx/LatestBriefing.pdf



Next Briefing

→ By 9am Friday October 10th, 2025
→ Method: Email



Disclaimer

→ Information contained in this briefing is time-sensitive



Contact Information

Web

→ weather.gov/mhx

Phone

→ 252 223 5737

Email

→ wxobs.mhx@noaa.gov

Facebook

→ www.facebook.com/NWSMoreheadCity

X (formerly Twitter)

→ www.twitter.com/NWSMoreheadCity

