

Potential Severe Weather and Minor Flood Event

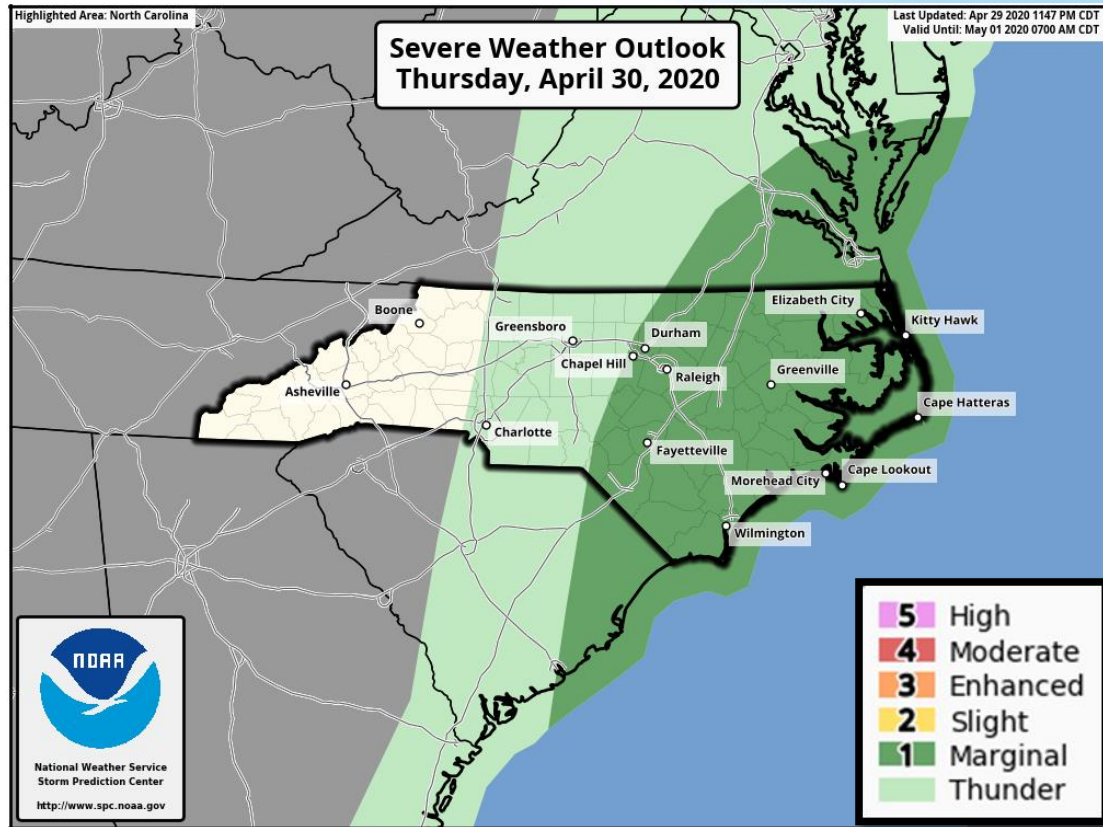
Decision Support Briefing # 2

As of:
5 am Thursday, April 30th








What Has Changed?


✓ No major changes



Main Points

Hazard	Impacts	Location	Timing
Damaging Thunderstorm Wind Gusts 	<p>Localized downed trees and powerlines, and isolated structural damage associated with the strongest storms.</p>	<p>All of eastern North Carolina.</p>	<p>This morning and afternoon.</p>
Tornadoes 	<p>Localized areas of enhanced damage to structures and infrastructure.</p>	<p>All of eastern North Carolina.</p>	<p>This morning and afternoon.</p>
Strong Sustained Winds 	<p>Strong southerly winds could lead to minor wind damage and power outages along the coast.</p>	<p>Coastal North Carolina from Eastern Carteret County to the Outer Banks.</p>	<p>Through early evening.</p>
Coastal Flooding/ High Surf 	<p>Minor beach erosion and dangerous surf conditions at the beaches. Minor inundation of very low lying areas.</p>	<p>Area beaches and soundside for areas vulnerable to Southeast to South wind exposure.</p>	<p>Through early evening.</p>
Marine 	<p>Very strong winds and dangerous seas. Conditions will be hazardous to all mariners.</p>	<p>All marine areas around eastern North Carolina.</p>	<p>Through tonight.</p>

Summary of Greatest Impacts

 **Damaging Thunderstorm Wind Gusts: All of Eastern NC**

None	Limited	Elevated	Significant	Extreme
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 **Tornadoes: All of Eastern NC**

None	Limited	Elevated	Significant	Extreme
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 **Strong Sustained Winds: Coastal NC**


None	Limited	Elevated	Significant	Extreme
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 **Coastal Flooding: Coastal NC**

None	Limited	Elevated	Significant	Extreme
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 **Marine: All Marine Areas**

None	Limited	Elevated	Significant	Extreme
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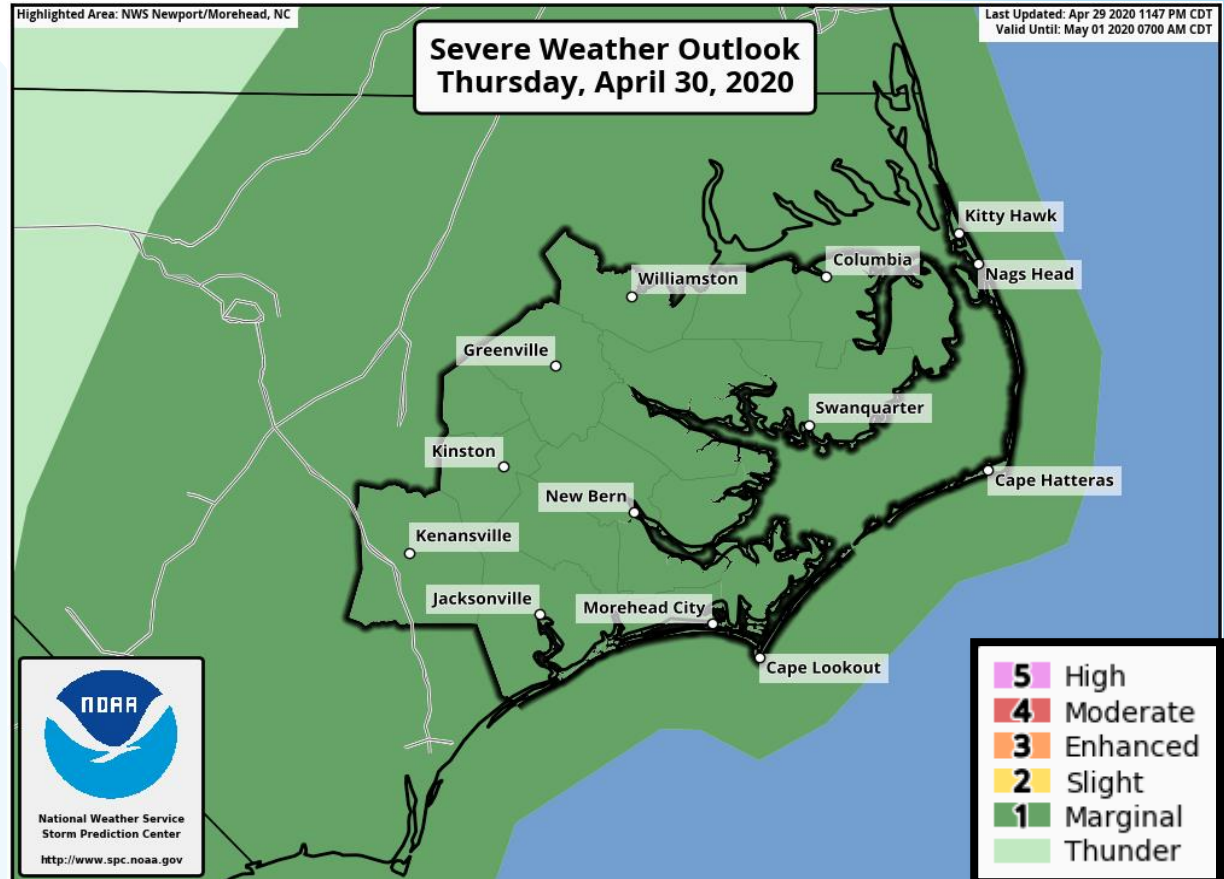


Timing:

- ✓ This morning through afternoon

Impacts:

- ✓ **Strong, damaging winds** in thunderstorms could lead to structural damage, trees down/uprooted, and power outages.
- ✓ **Isolated Tornadoes possible**, resulting in areas of enhanced damage.



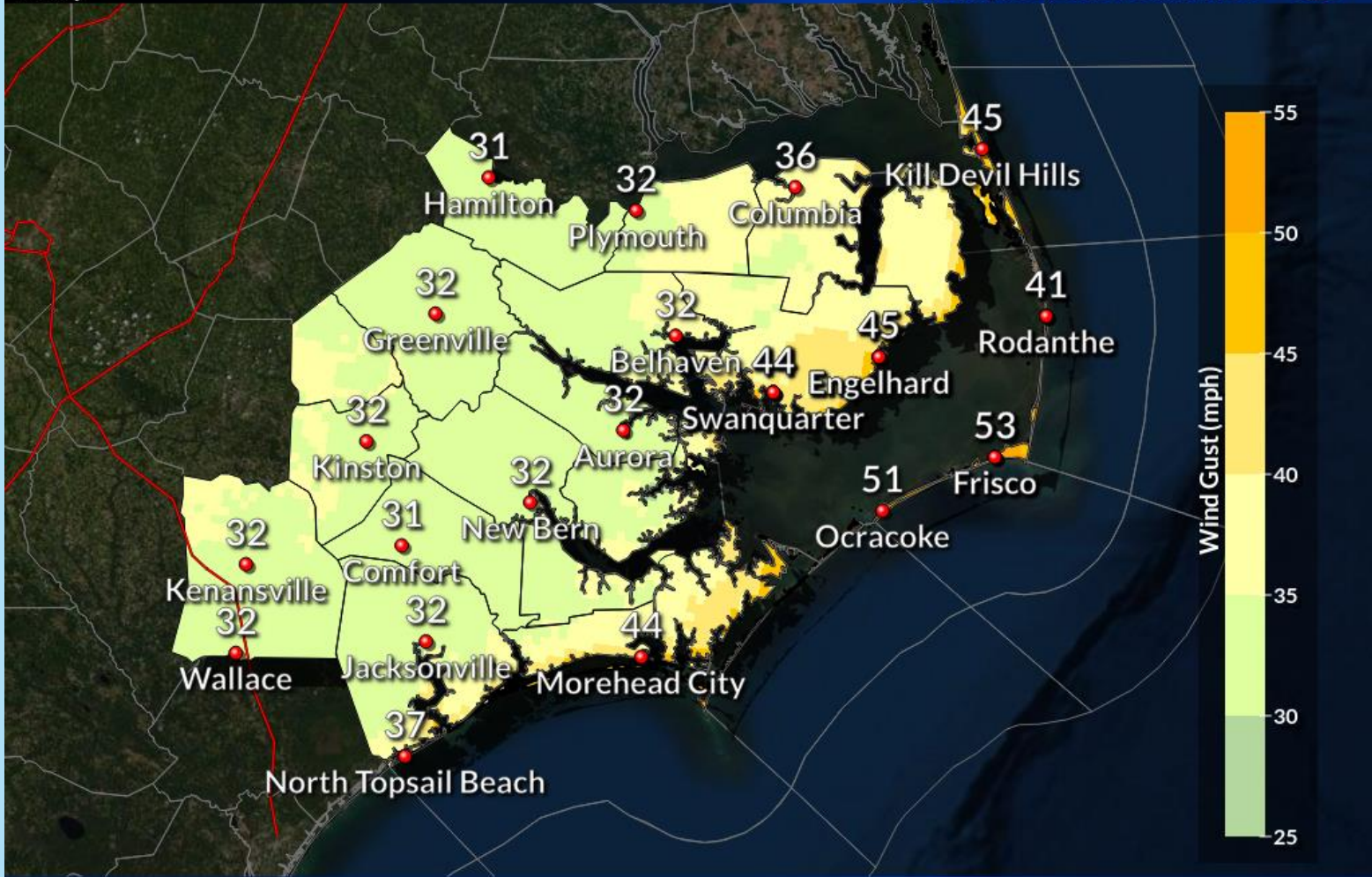
Thunder	Marginal	Slight	Enhanced	Moderate
No Severe Lightning still possible	Isolated Severe Storms Possible	Scattered Severe Storms Possible	Numerous Severe Storms Possible	Widespread Severe Storms Likely

Max Wind Gusts

Today

Weather Forecast Office
Newport/Morehead City, NC

Issued Apr 30, 2020 2:54 AM EDT



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Wind Advisory issued from Down east Carteret County to the Outer Banks.
Gale Warnings issued for all area coastal waters and Sounds.

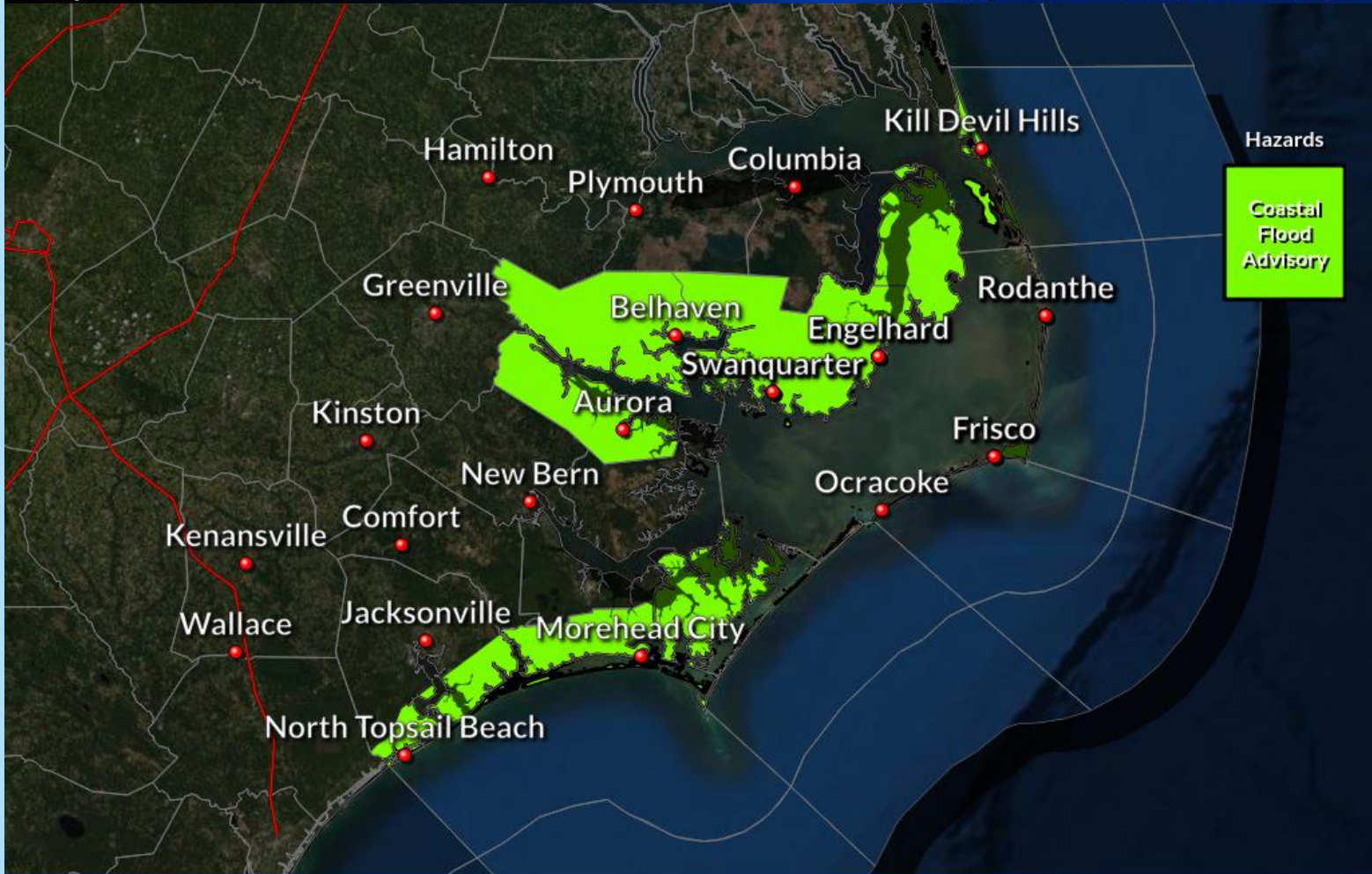


Minor Coastal Flooding Possible

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Newport/Morehead City, NC

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Very Rough Surf Expected

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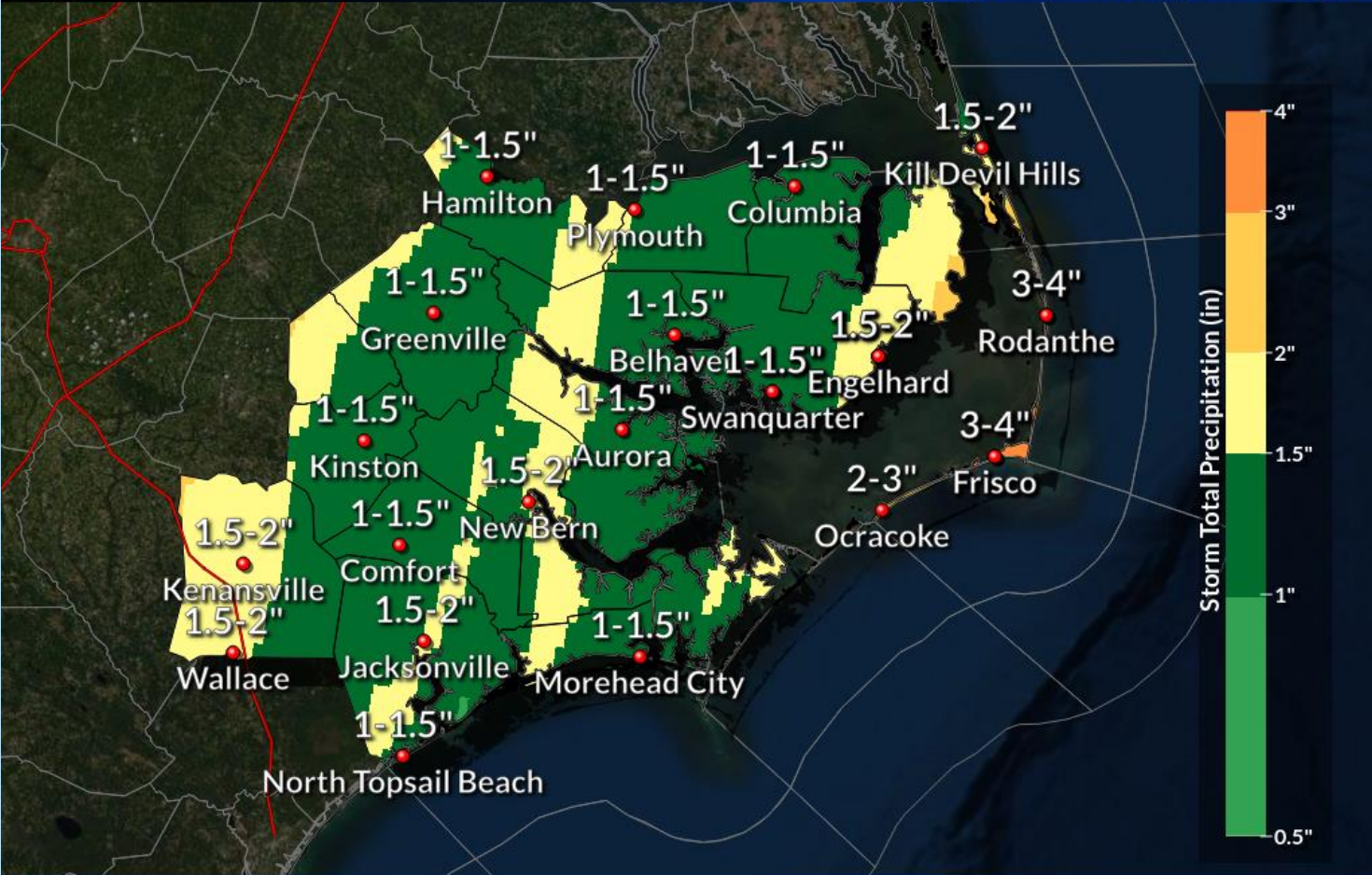


Storm Total Rainfall

Storm Total Rainfall

Today

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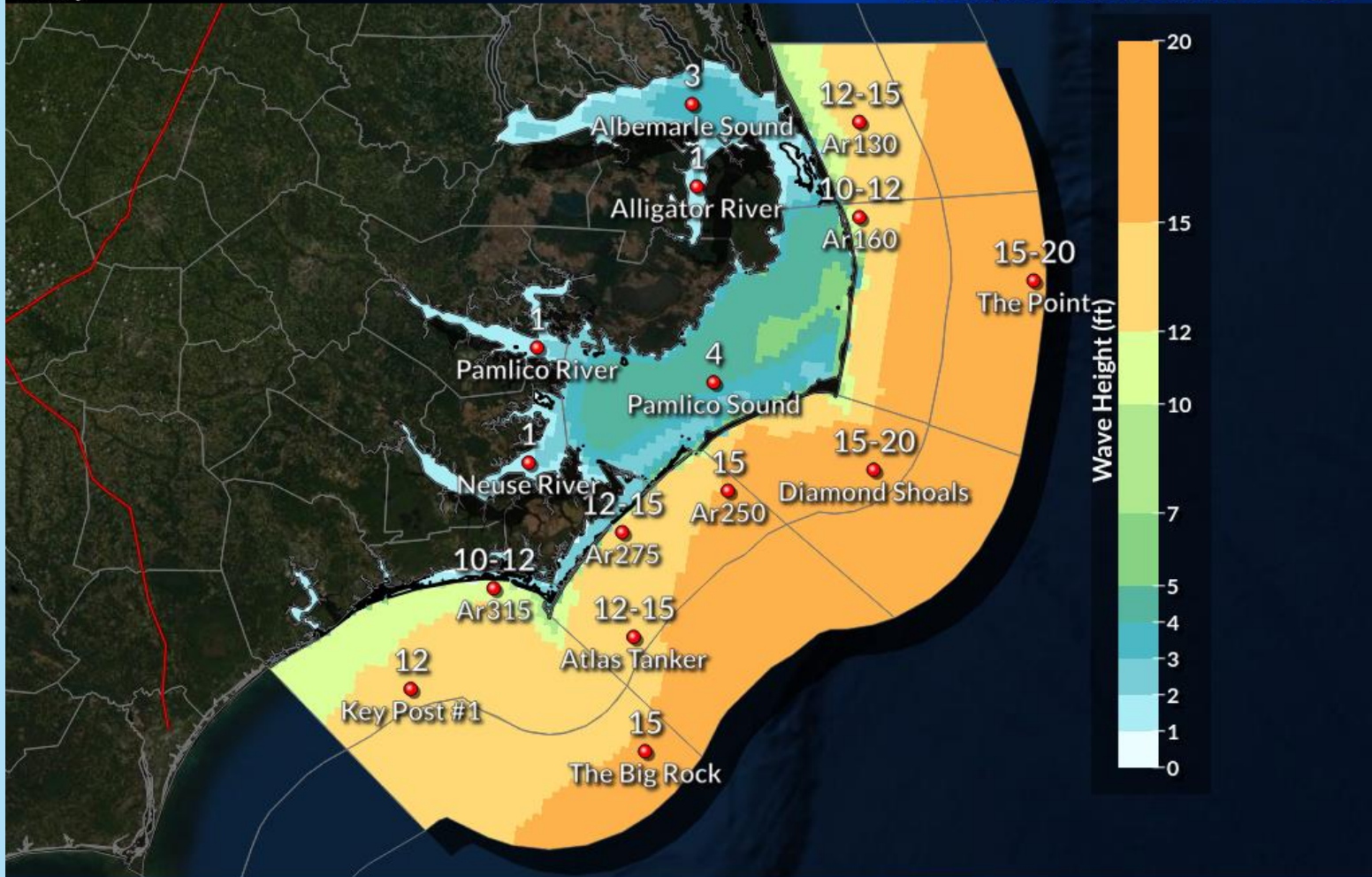
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Max Wave Heights

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Event Summary

Severe Weather and Minor Flooding Possible this morning and afternoon

- ✓ Strong thunderstorms may bring damaging wind gusts and a brief tornado. Torrential downpours will result in minor flooding of lying areas.
- ✓ Strong Southerly winds will occur along the coast into this evening.
 -  Strong, damaging winds in thunderstorms could lead to structural damage, trees down/uprooted, and power outages.
 -  Isolated tornadoes possible, resulting in areas of enhanced damage.
 -  Dangerous surf conditions and beach erosion possible all beaches. Minor coastal flooding possible soundside OBX from north of Buxton to Roanoke Island, as well as northwest portions of the Pamlico Sound.

Contact and Next Briefing Information



Next Briefing
When: This Will Be The Last Briefing on This Event.



[Briefing Webpage](#)



Web:

[weather.gov/moreheadcity/](http://www.weather.gov/moreheadcity/)



Phone (public):

(252) 223-5737 ext. 6



E-mail:

wxobs.mhx@noaa.gov



Facebook:

[NWS Newport/Morehead City](#)



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 6 pm April 30th*