

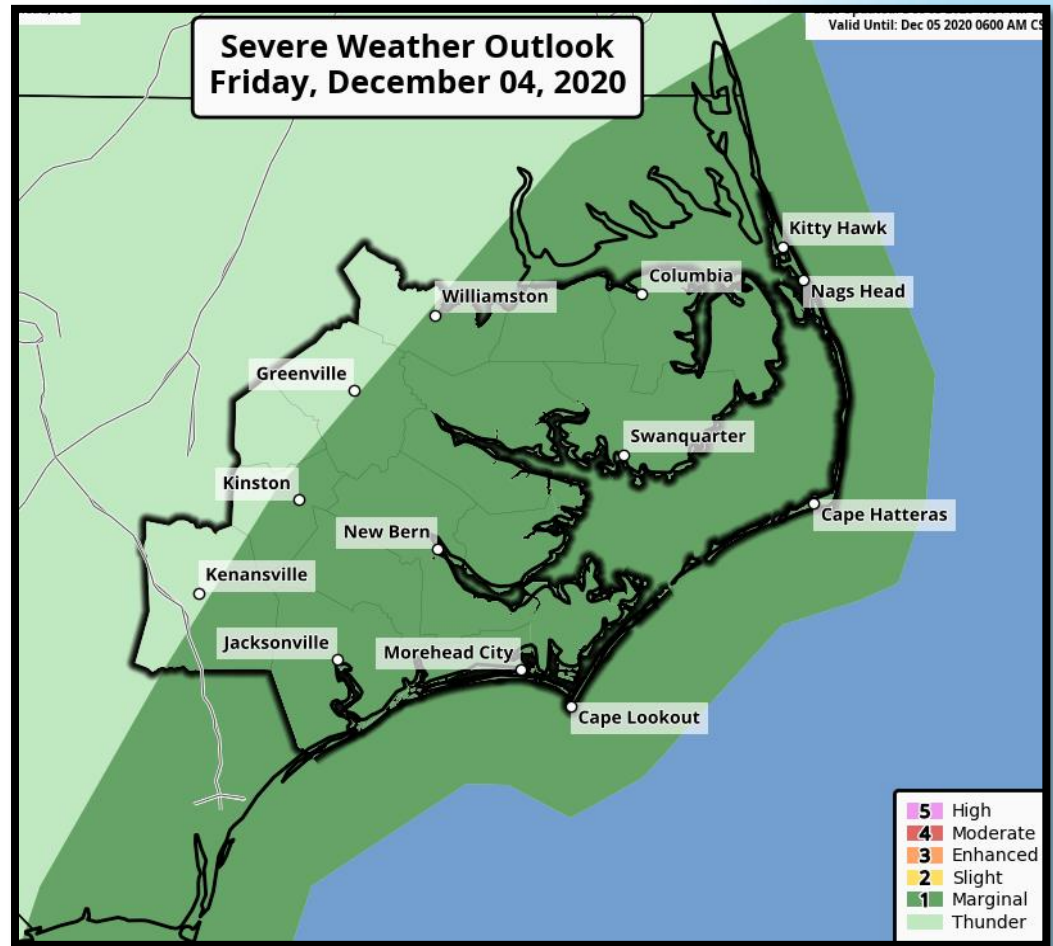
# Severe Thunderstorms, Strong Winds & Coastal Flooding

## Decision Support Briefing # 1






As of:  
6 AM December 4<sup>th</sup>,  
2020

*What Has Changed?*

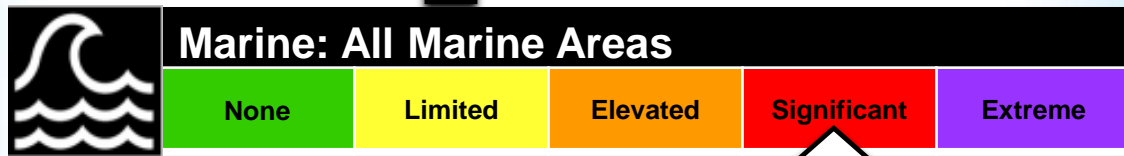
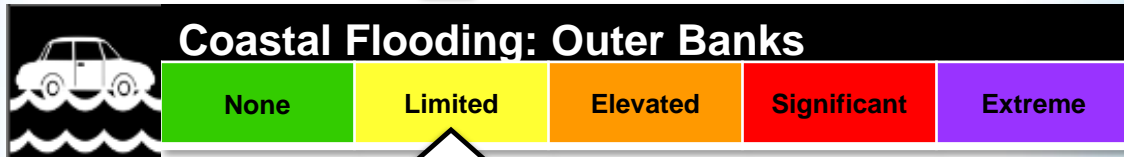
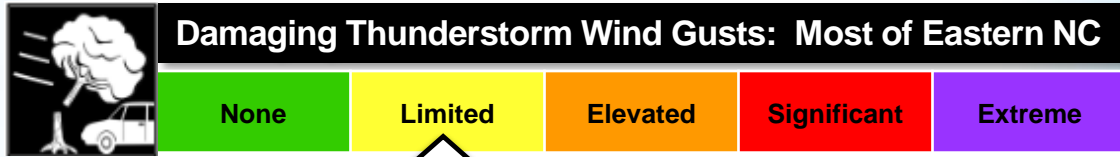
✓ *Nothing, first briefing*



# Main Points

Hazard	Impacts	Location	Timing
<b>Damaging Thunderstorm Wind Gusts</b> 	Localized downed trees and powerlines, and isolated structural damage associated with the strongest storms.	Most of eastern North Carolina	Tonight into Saturday morning.
<b>Tornadoes</b> 	Localized areas of enhanced damage with significant damage to structures and infrastructure.	Most of eastern North Carolina	Tonight into Saturday morning.
<b>Strong Sustained Winds/Gusts</b> 	Strong SW/W winds could lead to minor wind damage and power outages along the coast.	Coastal North Carolina	Tonight through Saturday afternoon.
<b>Coastal Flooding/ High Surf</b> 	Minor inundation of very low lying areas. Minor beach erosion and rough surf between Oregon Inlet and Cape Lookout.	Soundside OBX north of Ocracoke, including Roanoke Island. Oceanside overwash possible Ocracoke Island	Saturday
<b>Marine</b> 	Very strong winds and dangerous seas. Conditions will be hazardous to all mariners.	All marine areas around eastern North Carolina.	Tonight through Saturday.

# Summary of Greatest Impacts

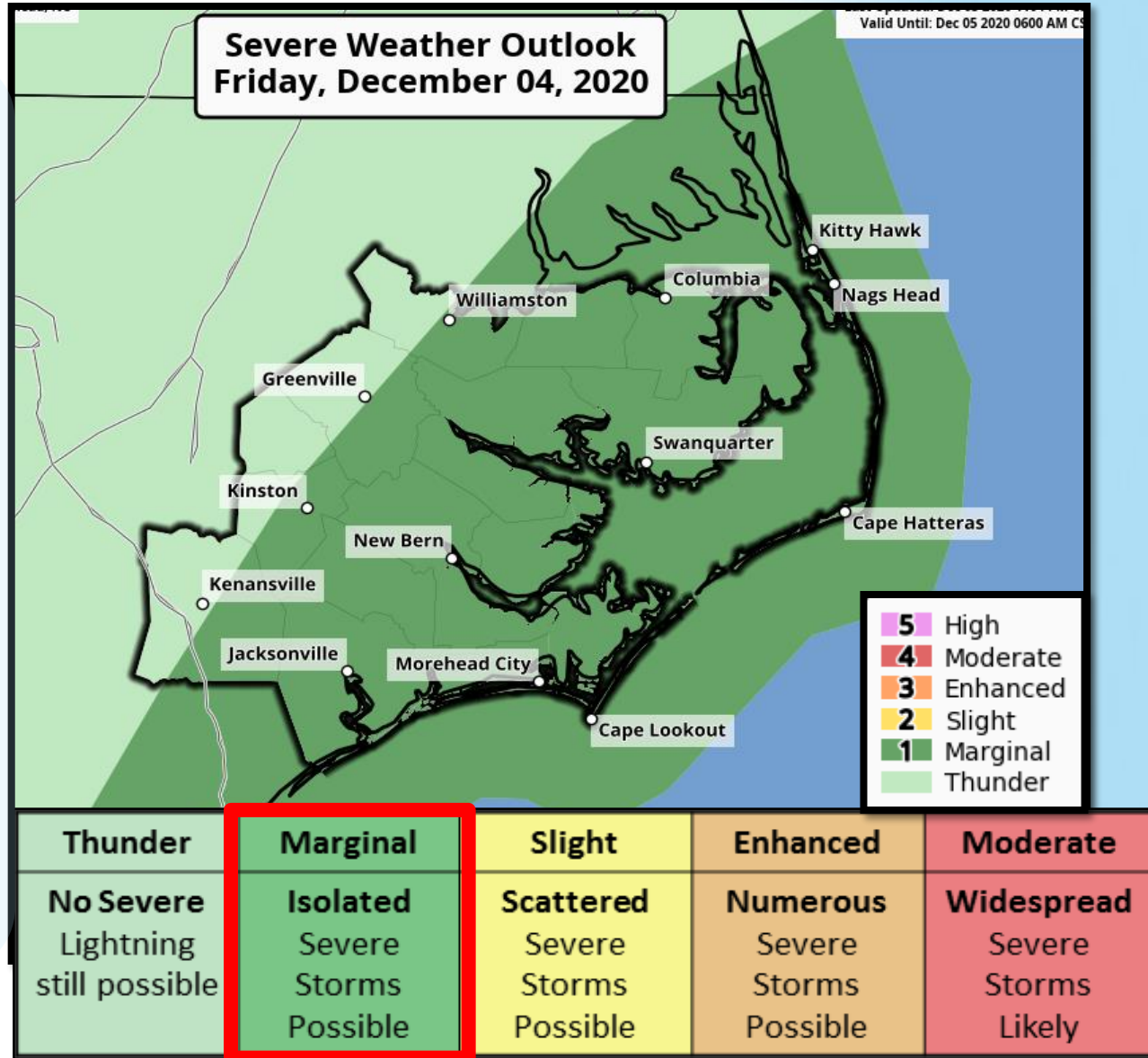


**Timing:**

- ✓ Tonight into Tomorrow Morning

**Impacts:**

- ✓ **Strong, damaging winds** in thunderstorms could lead to structural damage, trees down/uprooted, and power outages.
- ✓ **A couple isolated tornadoes are possible**, resulting in areas of enhanced damage.



# Forecast Maximum Wind Gusts

Weather Forecast Office  
Newport/Morehead City, NC

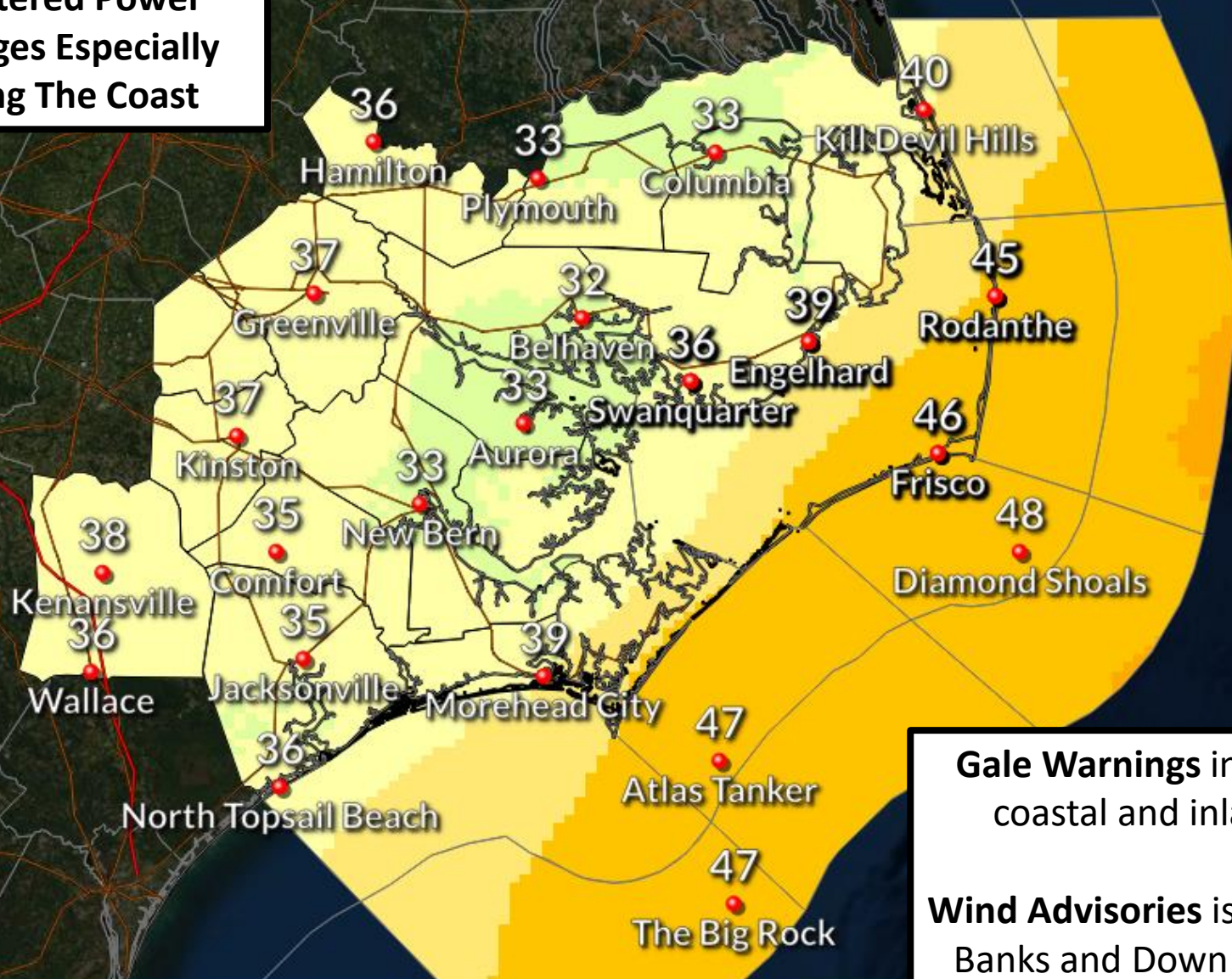


Tonight and Monday

Issued Nov 29, 2020 2:51 PM EST

## Impacts

Scattered Power Outages Especially Along The Coast



**Gale Warnings** in effect for all coastal and inland waters

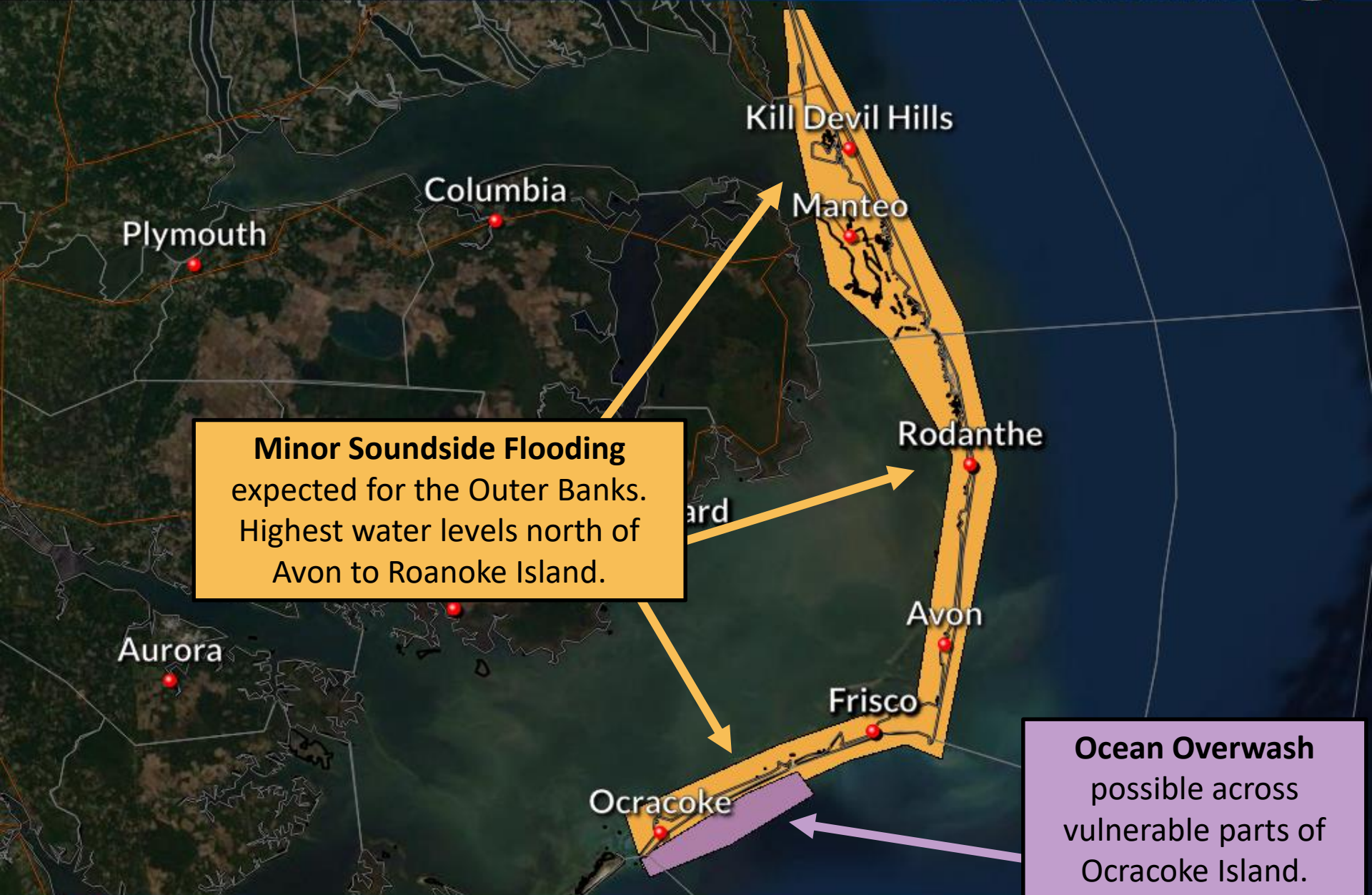
**Wind Advisories** issued for Outer Banks and Down East Carteret

# Coastal Flooding Impact Areas

Early Tomorrow Morning through Tomorrow Afternoon

Weather Forecast Office  
Newport/Morehead City, NC

Issued Dec 04, 2020 5:50 AM EST



**Minor Soundside Flooding**  
expected for the Outer Banks.  
Highest water levels north of  
Avon to Roanoke Island.

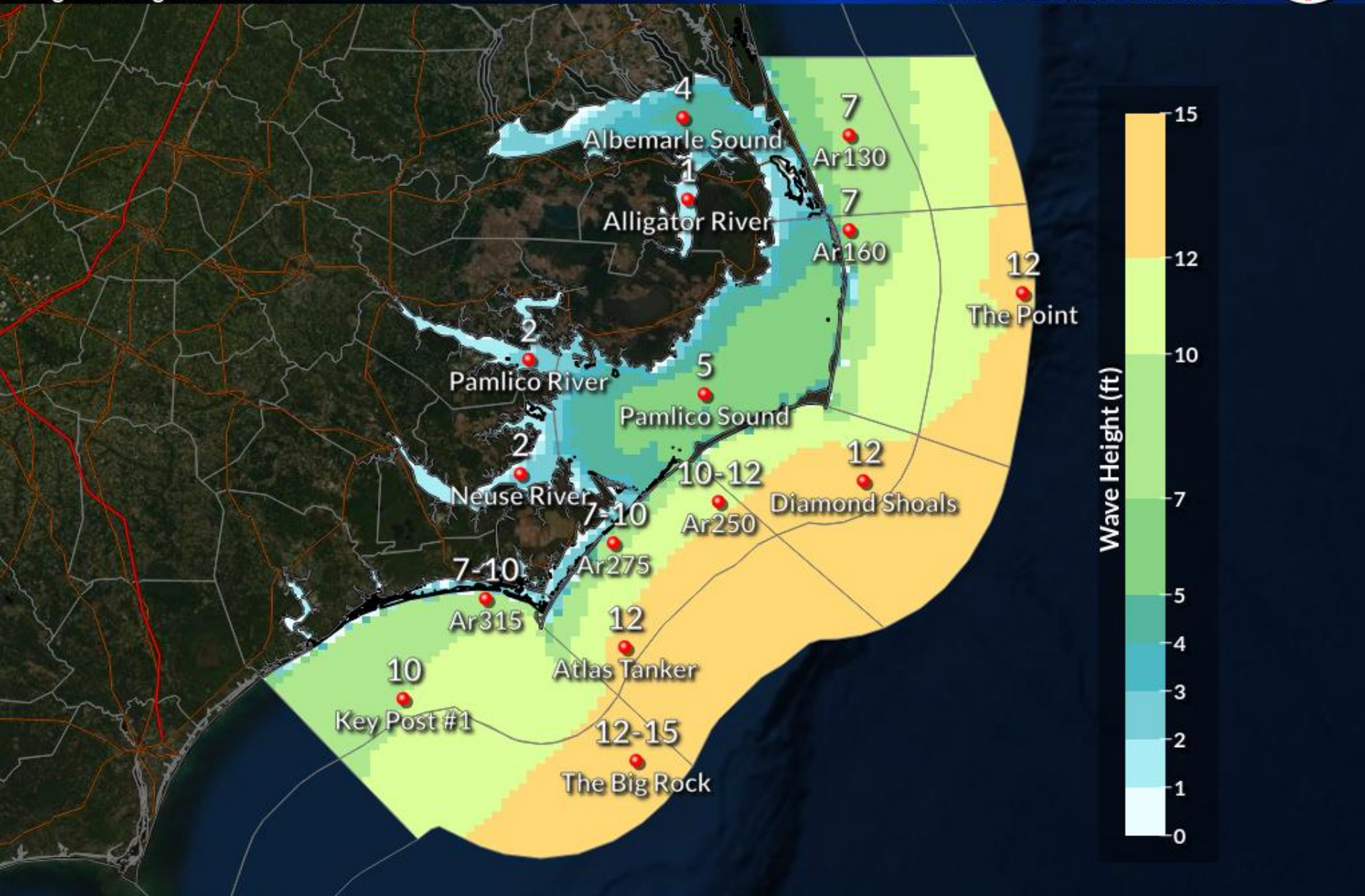
**Ocean Overwash**  
possible across  
vulnerable parts of  
Ocracoke Island.

# Max Wave Heights

Tonight through Tomorrow

Weather Forecast Office  
Newport/Morehead City, NC

Issued Dec 04, 2020 5:39 AM EST



# Event Summary

## Threats for Severe Weather, Strong Winds, Coastal Flooding *Tonight through Tomorrow Afternoon*



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.



Minor coastal flooding expected for soundside OBX north of Ocracoke, including Roanoke Island. Large/powerful surf and beach erosion possible between Oregon Inlet and Cape Lookout. Ocean overwash possible for vulnerable parts of Ocracoke Island.



SW/W wind gusts up to 40-50 mph expected along the Outer Banks and Down East Carteret county.

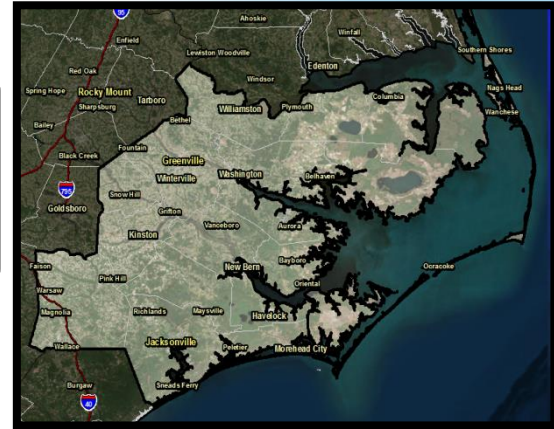




# Contact and Next Briefing Information



**This is the final briefing unless forecasted conditions worsen**



[Briefing Webpage](#)



**Web:**

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



**Phone (public):**

(252) 223-5737 ext. 6



**E-mail:**

[wxobs.mhx@noaa.gov](mailto:wxobs.mhx@noaa.gov)



**Facebook:**

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**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use after 5 AM December 5<sup>th</sup>*