

Rain To Snow Friday Night/Saturday

Decision Support Briefing # 5
As of: 3 PM Thu, January 27th







Briefing applies to the
Morehead City/Newport,
NC
Area Only



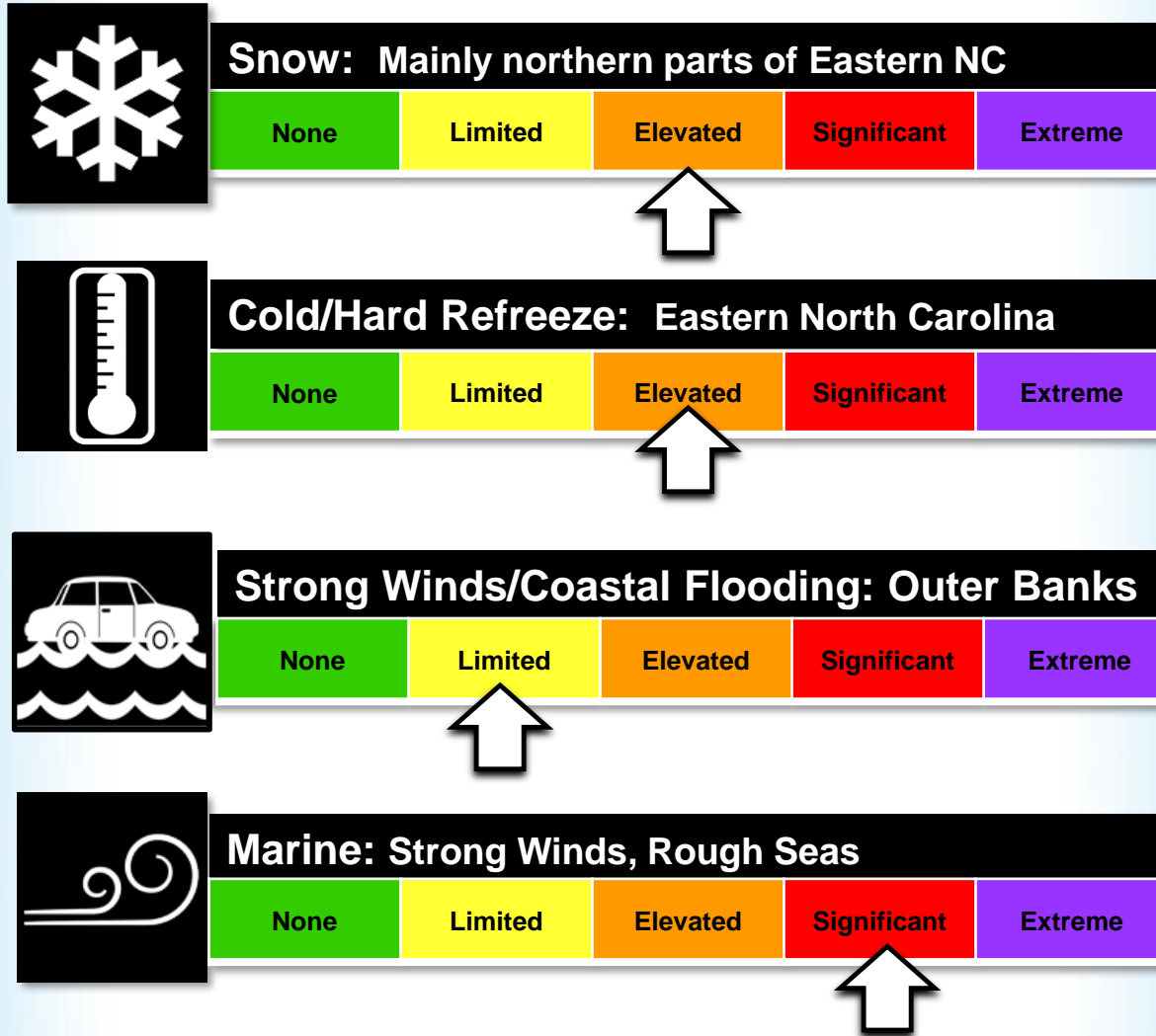
What Has Changed?

- ✓ Slight adjustments downward with snow amounts
- ✓ Increasing confidence as we get closer to the event

Main Points

Hazard	Impacts	Location	Timing
<p>Snow</p> 	<p>Light snow could make travel hazardous by reducing visibilities and making roads (especially bridges) slippery.</p>	<p>1 to 2 inches of snow most likely along and north of US Hwy 64. A dusting to less than an inch possible further south.</p>	<p>After midnight well inland, closer to sunrise closer to the coast. Any lingering snow showers over by noon.</p>
<p>Cold</p> 	<p>Lows in the teens will result in a hard freeze of any wet surfaces Sat night. Black ice possible. Wind chill values as low as the single digits.</p>	<p>Coldest temperatures will occur inland and for locations with snow cover, but everywhere will be well below freezing.</p>	<p>Temps return below freezing quickly by sunset Saturday.</p>
<p>Coastal Flooding</p> 	<p>Soundside: Minor flooding of very low areas. Up to 2 ft of inundation.</p> <p>Oceanside: Minor overwash over very vulnerable dune structures.</p>	<p>Soundside: Mainly along the OBX from Rodanthe to Downeast Carteret County.</p> <p>Oceanside: Overwash threat mainly limited to Hatteras Island north of Cape Hatteras.</p>	<p>Soundside: Saturday.</p> <p>Oceanside: Around the time of high tides Saturday into Sunday.</p>
<p>Marine</p> 	<p>Dangerous seas and gale force wind gusts bring hazardous conditions for mariners.</p>	<p>All coastal waters, sounds, and inland rivers.</p>	<p>Saturday into Saturday night.</p>

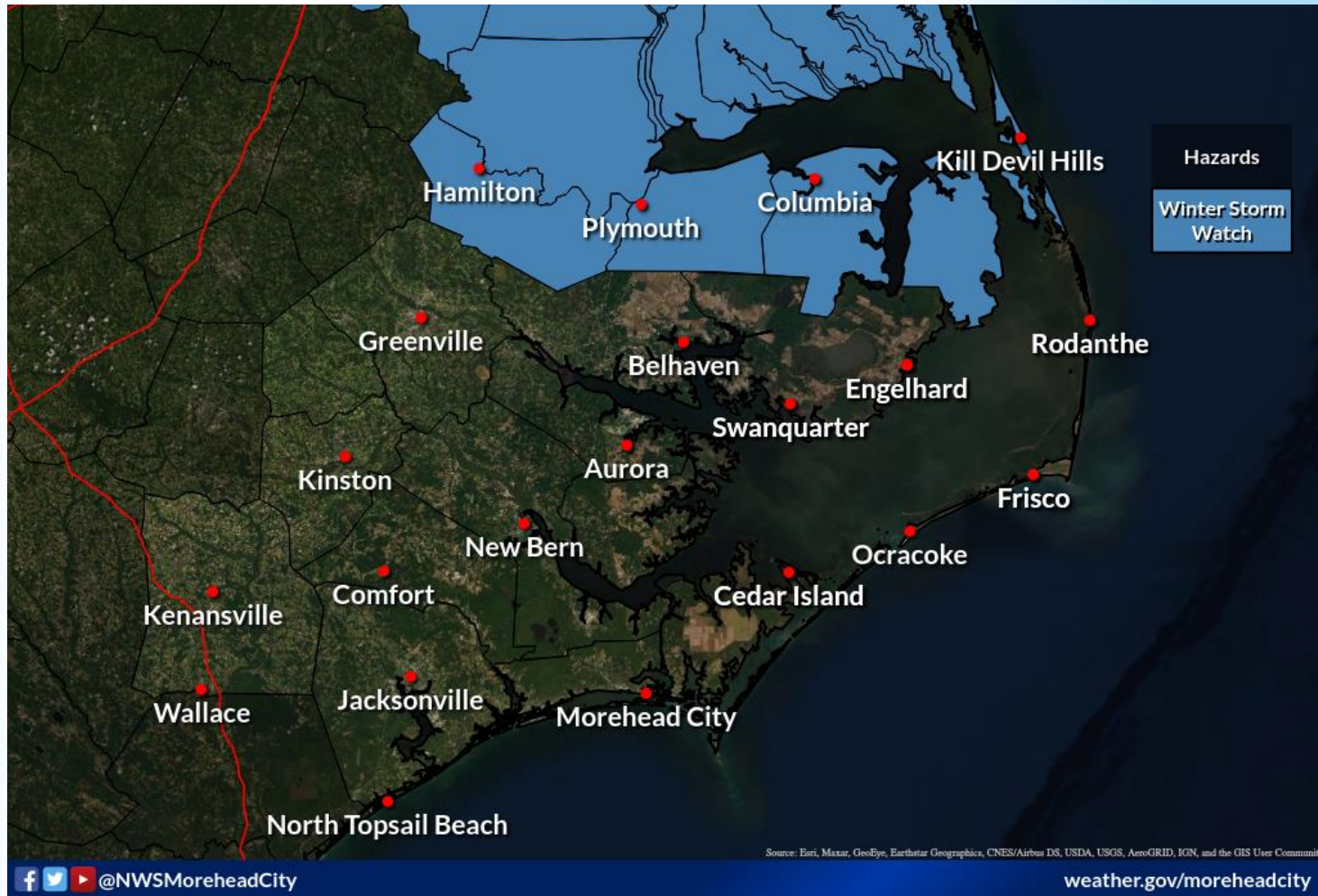
Summary of Greatest Impacts



Winter Storm Watch

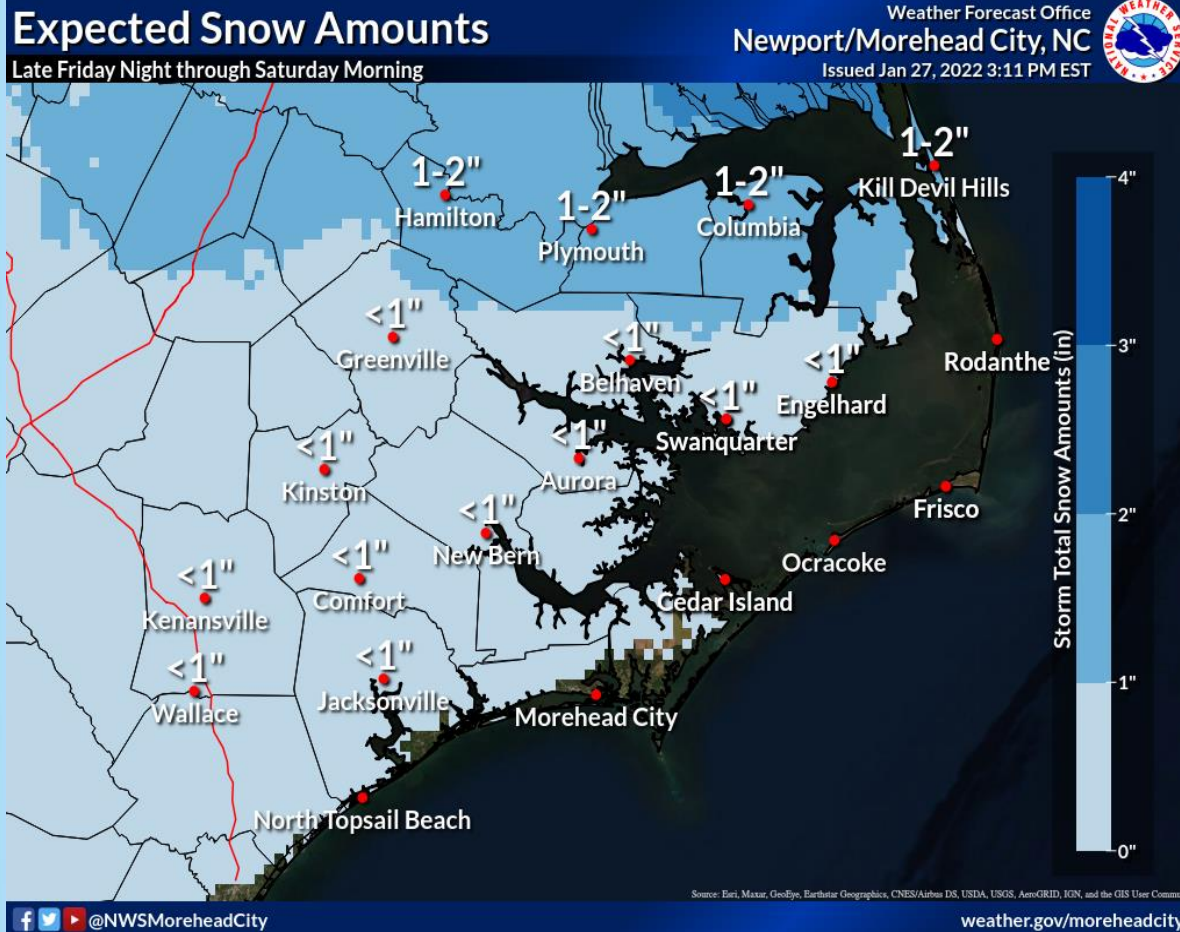
**In effect
Midnight Friday
Night –
Saturday
Morning.**

**1 to 2 inches
possible in the
Watch area.**



Expected Snow Amounts

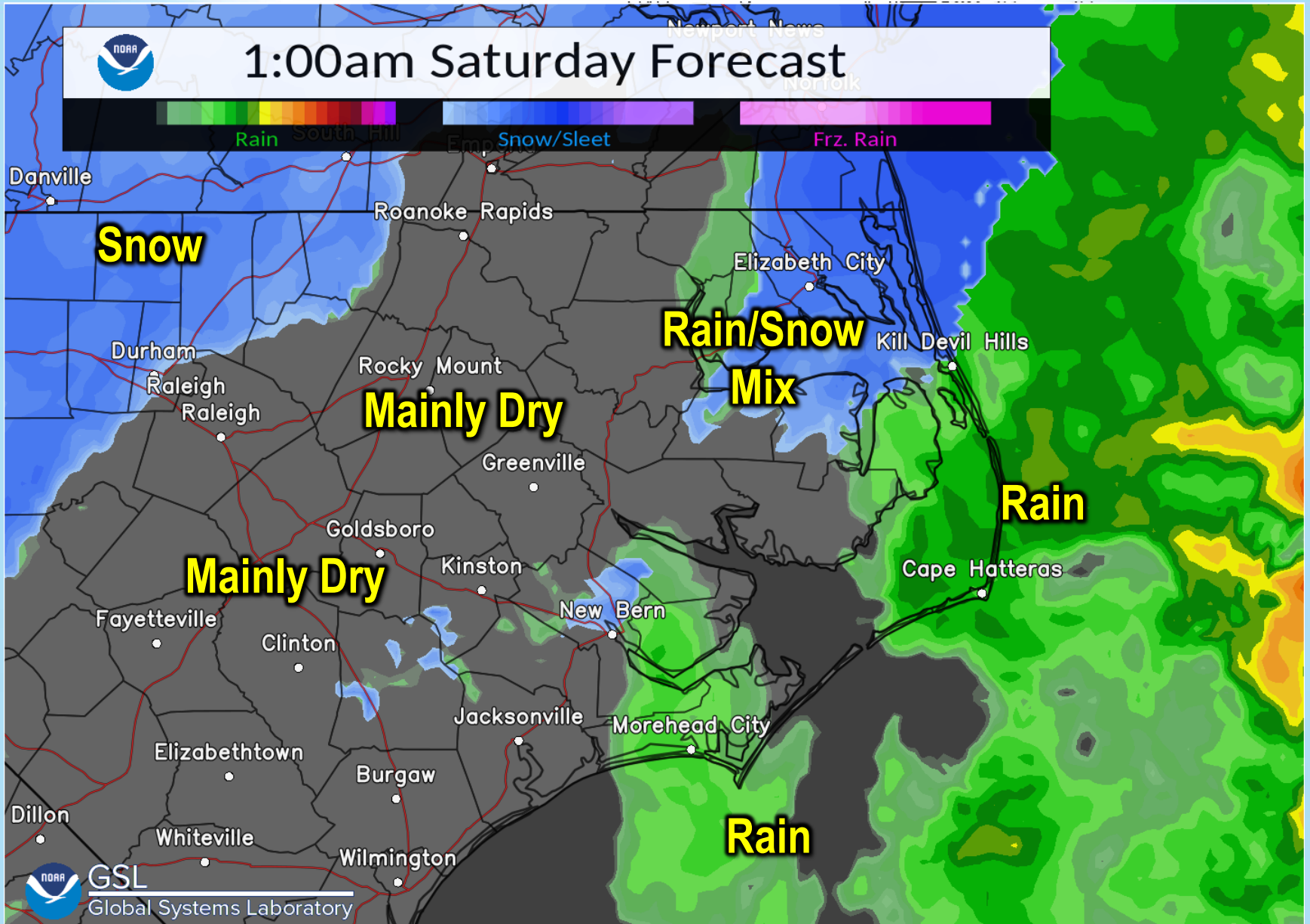
- ✓ Friday Evening Commute NOT Impacted. Impacts start after Midnight.
- ✓ Snow continues into Saturday morning, ends by Noon.
- ✓ For the most up to date winter products, click [here](#)



Impacts ↑	Extreme			
	Significant			
	Elevated		X	
	Limited			
	None			
		Low	Moderate	High
		Confidence →		



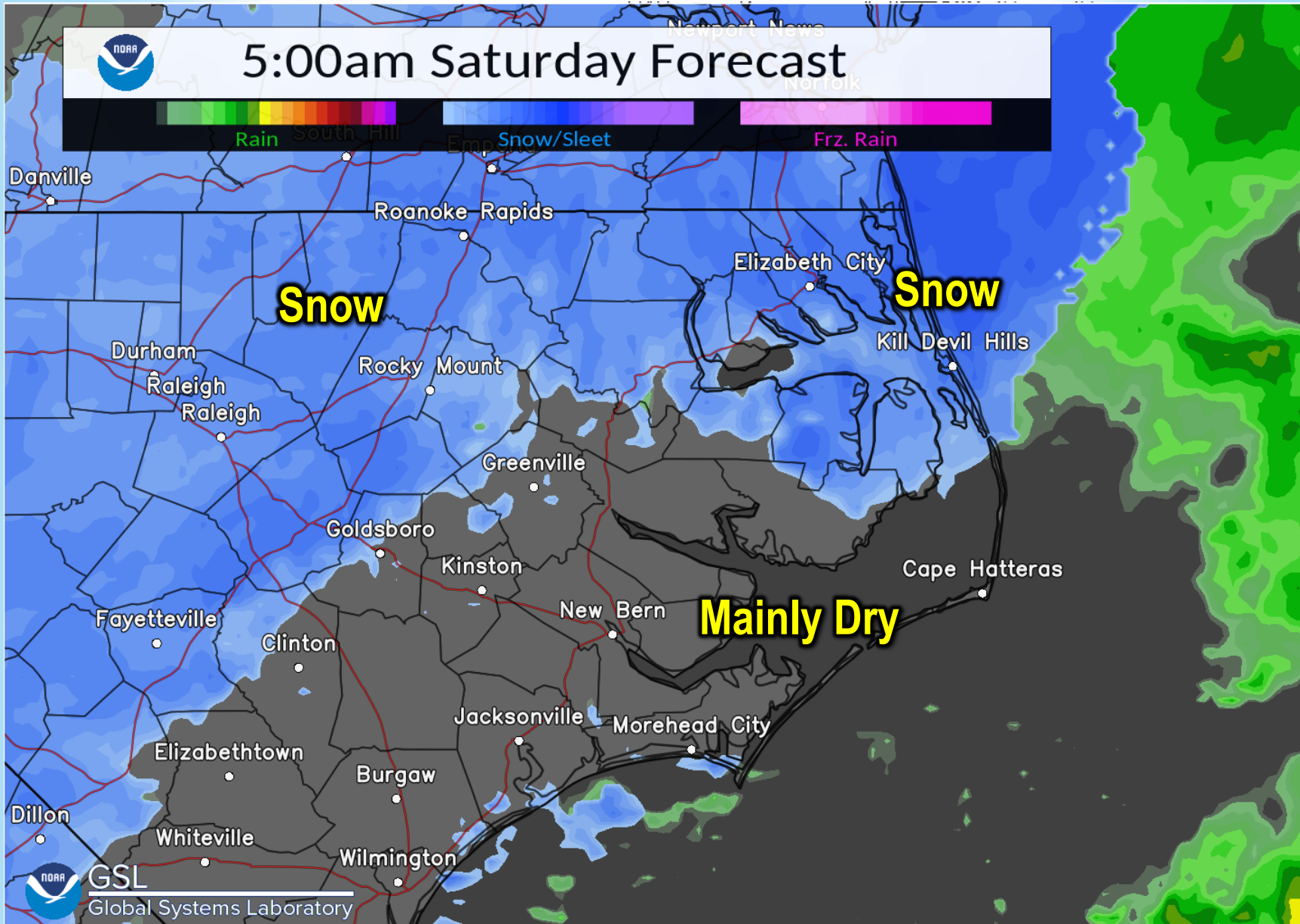
1:00am Saturday Forecast



NOAA **GSL**
Global Systems Laboratory



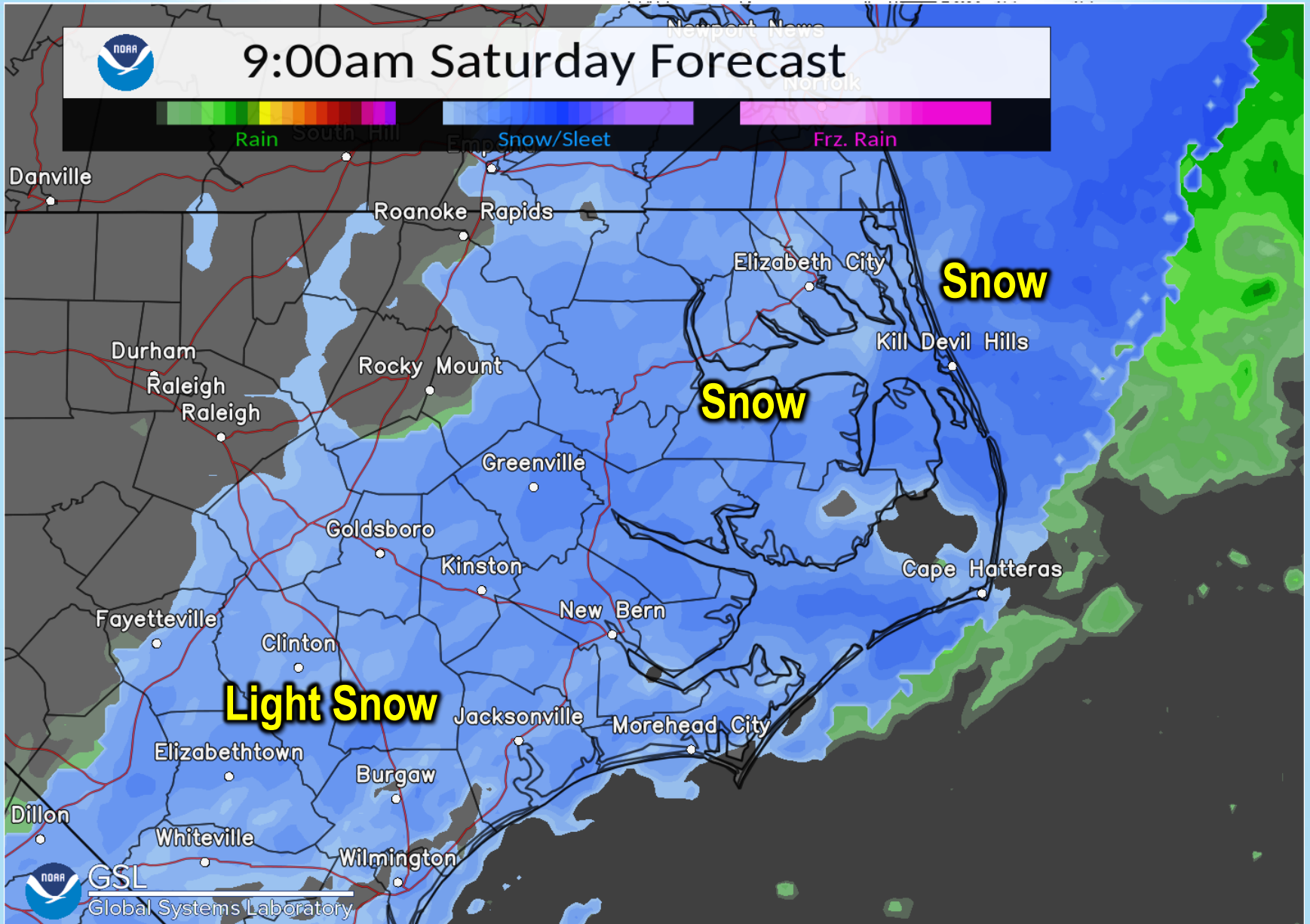
5:00am Saturday Forecast



NOAA **GSL**
Global Systems Laboratory



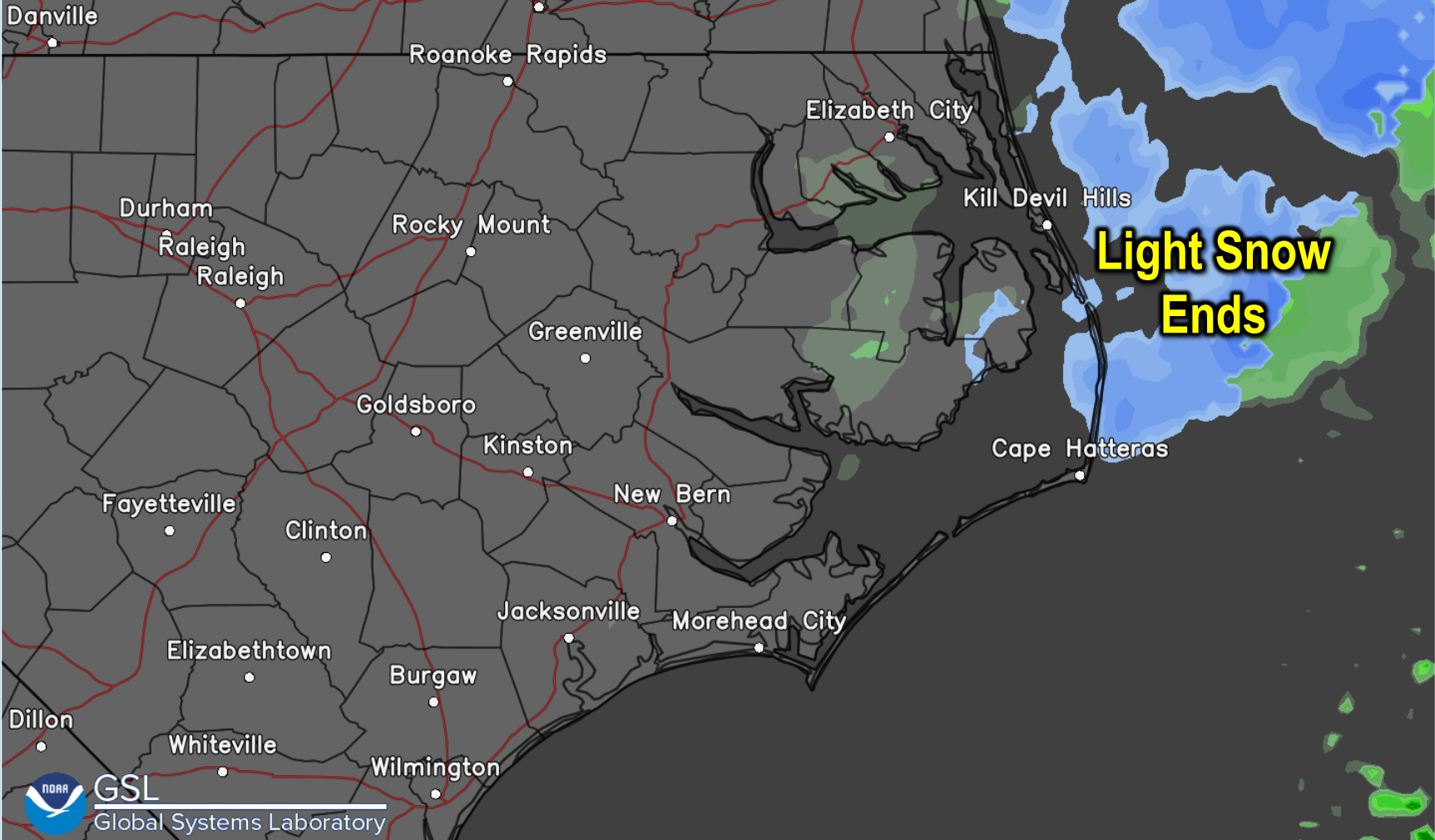
9:00am Saturday Forecast



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1:00pm Saturday Forecast



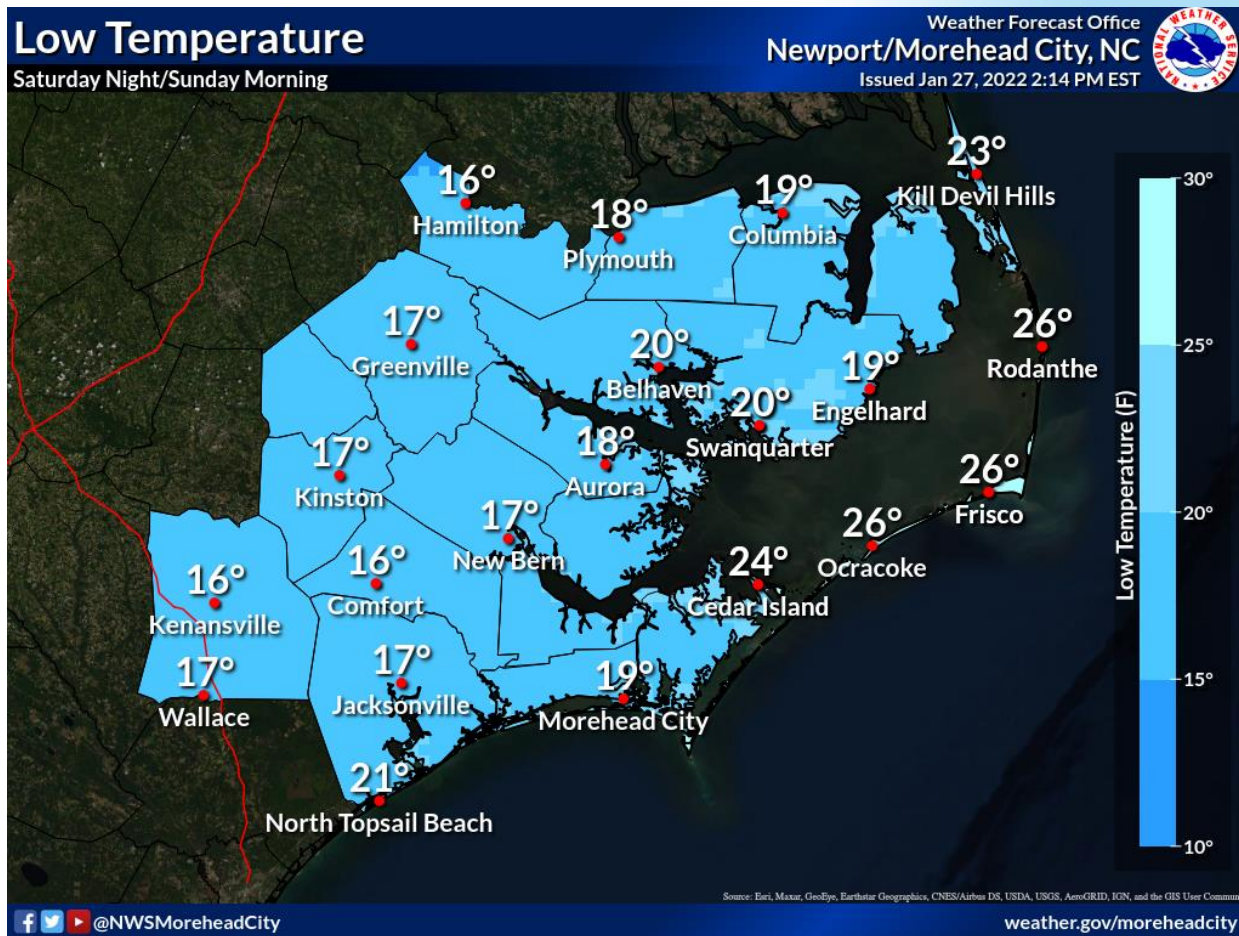
GSL
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Very Cold Saturday Night/Sunday Morning

Only limited melting will occur during the day Saturday.

Lows Saturday night well below freezing everywhere. Any wet surfaces will freeze, with black ice likely.

Wind chill values dip into the single digits, especially where there is snow on the ground.



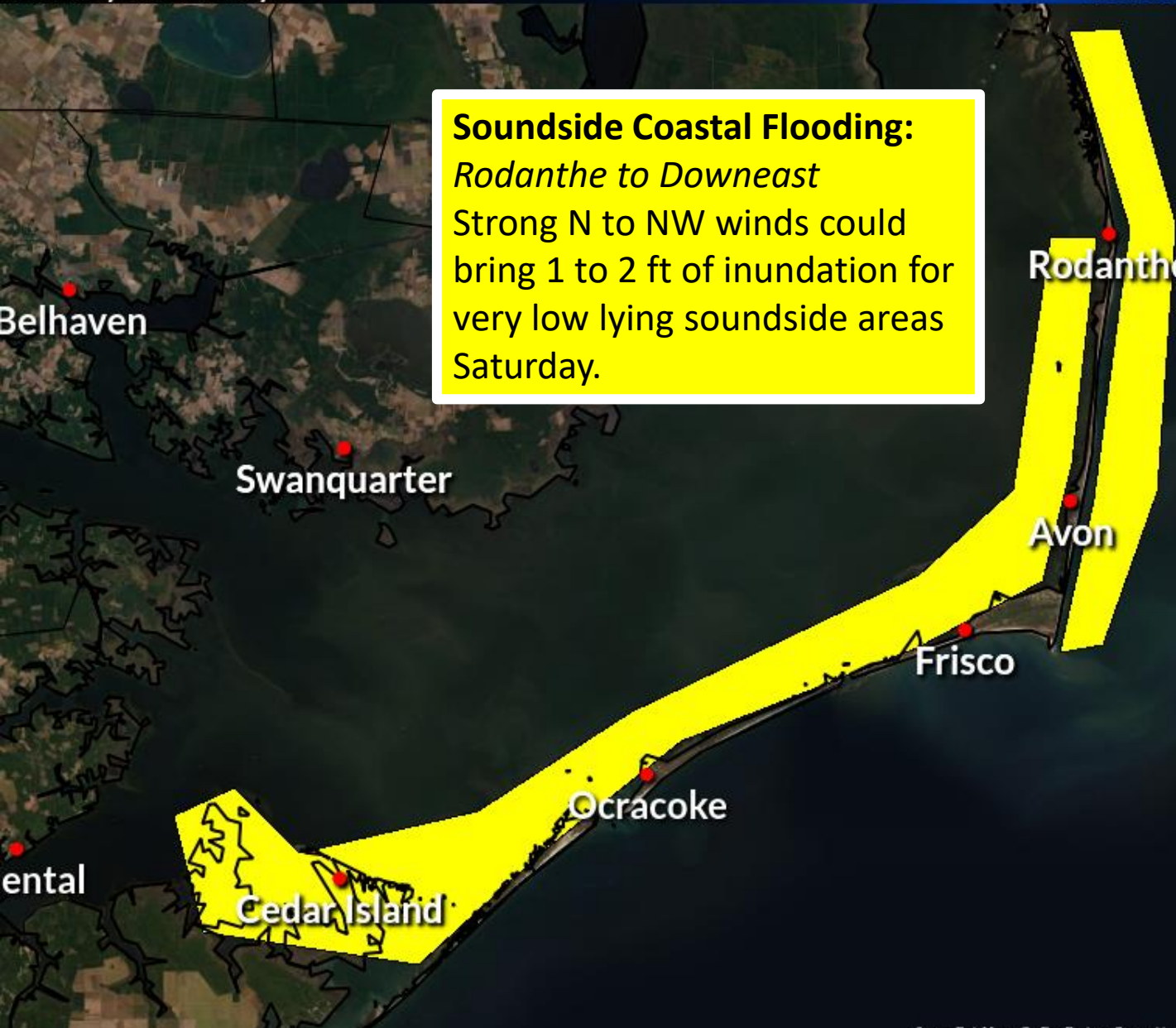
Coastal Flooding and Overwash

Weather Forecast Office
Newport/Morehead City, NC

Issued Jan 27, 2022 2:51 PM EST



Saturday into Sunday



Soundside Coastal Flooding:
Rodanthe to Downeast
Strong N to NW winds could bring 1 to 2 ft of inundation for very low lying soundside areas Saturday.

Ocean overwash:
Cape Point to Oregon Inlet
Large swell and elevated water levels could bring inundation of beachfront properties near vulnerable dune structures around the time of high tides Saturday into Sunday.

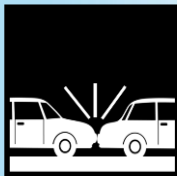
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Event Summary

- ✓ Confidence is **INCREASING** that this event will occur and **MEDIUM** on expected impacts.
- ✓ Period of greatest impact: Late Friday Night through Saturday Morning



1" to 2" possible for northern parts of Eastern NC. Highest amounts along/north of Highway 64 where isolated amounts of up to 3" possible esp areas adjacent to Albemarle Sound.



Hazardous travel mainly after Midnight Friday Night through Saturday Morning due to falling temperatures and snowfall.



Strong winds bring minor soundside water level rises from Rodanthe to Downeast (1 to 2 feet above ground level). Minor ocean overwash possible for Hatteras Island N of Cape Point.

Contact and Next Briefing Information



**Next Briefing
By 8 AM Friday**



[Briefing Webpage](#)



Web:
<http://www.weather.gov/mhx/>



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 4 AM Friday*