

Significant Multi-Hazard Winter Storm Expected

*****Ice Amounts, If Realized, Would Be
Unprecedented For Our Area*****

Decision Support Briefing # 4
As of: 3:00 PM Thu, January 20th



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


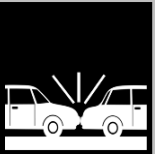




What Has Changed?

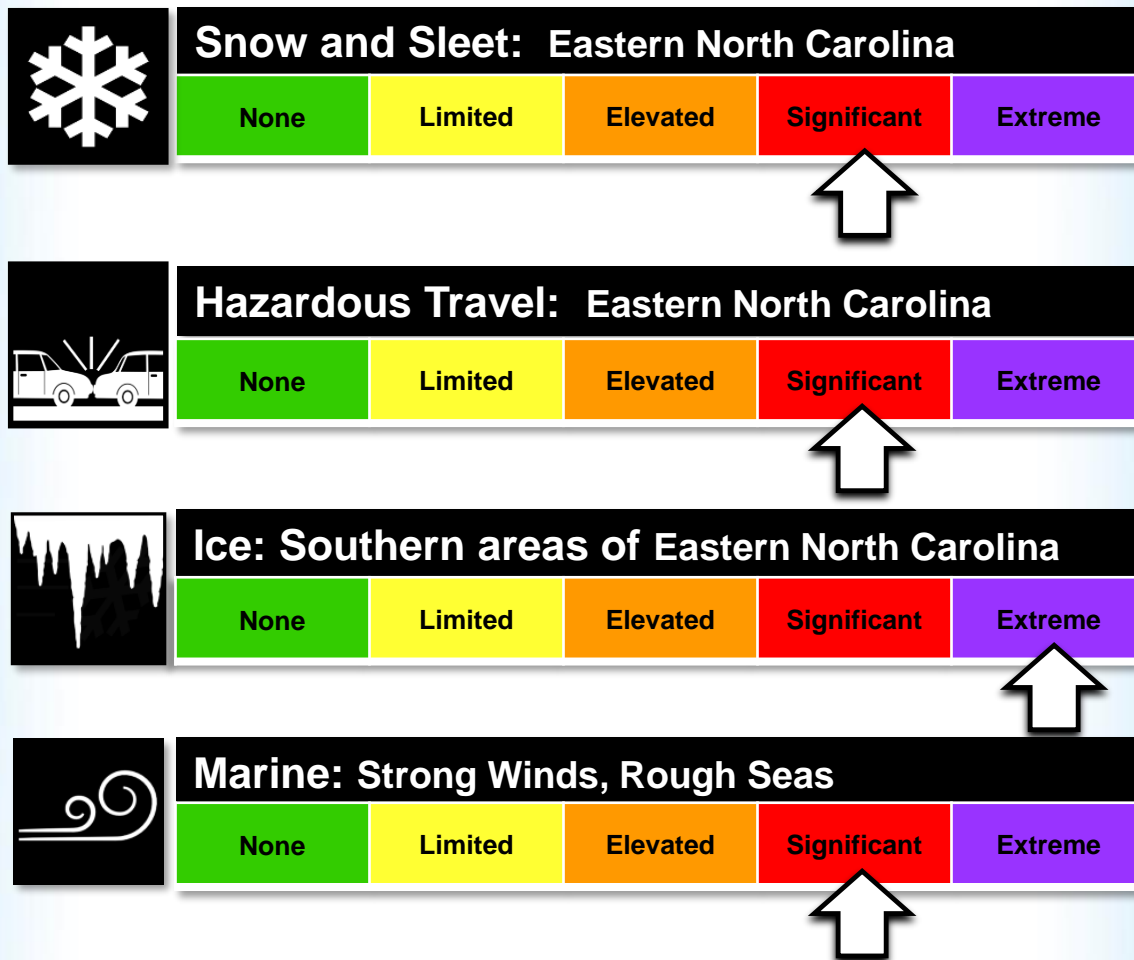
- ✓ Upgraded Northern Dare To A Winter Storm Warning.
- ✓ Small tweaks to ice and snow forecasts
- ✓ Added timing slides for when we change to snow/ice



Main Points

Hazard	Impacts	Location	Timing
Snow/Sleet 	Significant. 1 to 4". Highest snow totals expected north of Hwy 264. Locally more than 6" Hwy 64 corridor.	Eastern North Carolina except Hatteras Island and Ocracoke Island	Late this evening through Sat morning. Best chance for snow Fri afternoon to early Sat morning.
Hazardous Travel 	Significant. Snow and ice covered roads. Reduced visibilities. Poor travel.	Most of Eastern North Carolina except Hatteras Island and Ocracoke Island	Late tonight through Saturday morning. <u>Roads treacherous through Sunday morning due to sub-freezing temperatures.</u>
Ice 	Extreme. Very dangerous to nearly impossible travel. <u>Power outages expected.</u>	Highest ice accumulations Onslow/Jones/ South Craven/Pamlico/ Western Carteret	Late tonight through Saturday morning. <u>Impacts may last into early Sunday due to subfreezing temperatures.</u>
Marine 	Rough seas and gale force wind gusts.	All coastal waters, sounds, and inland rivers	Tonight through Saturday.

Summary of Greatest Impacts

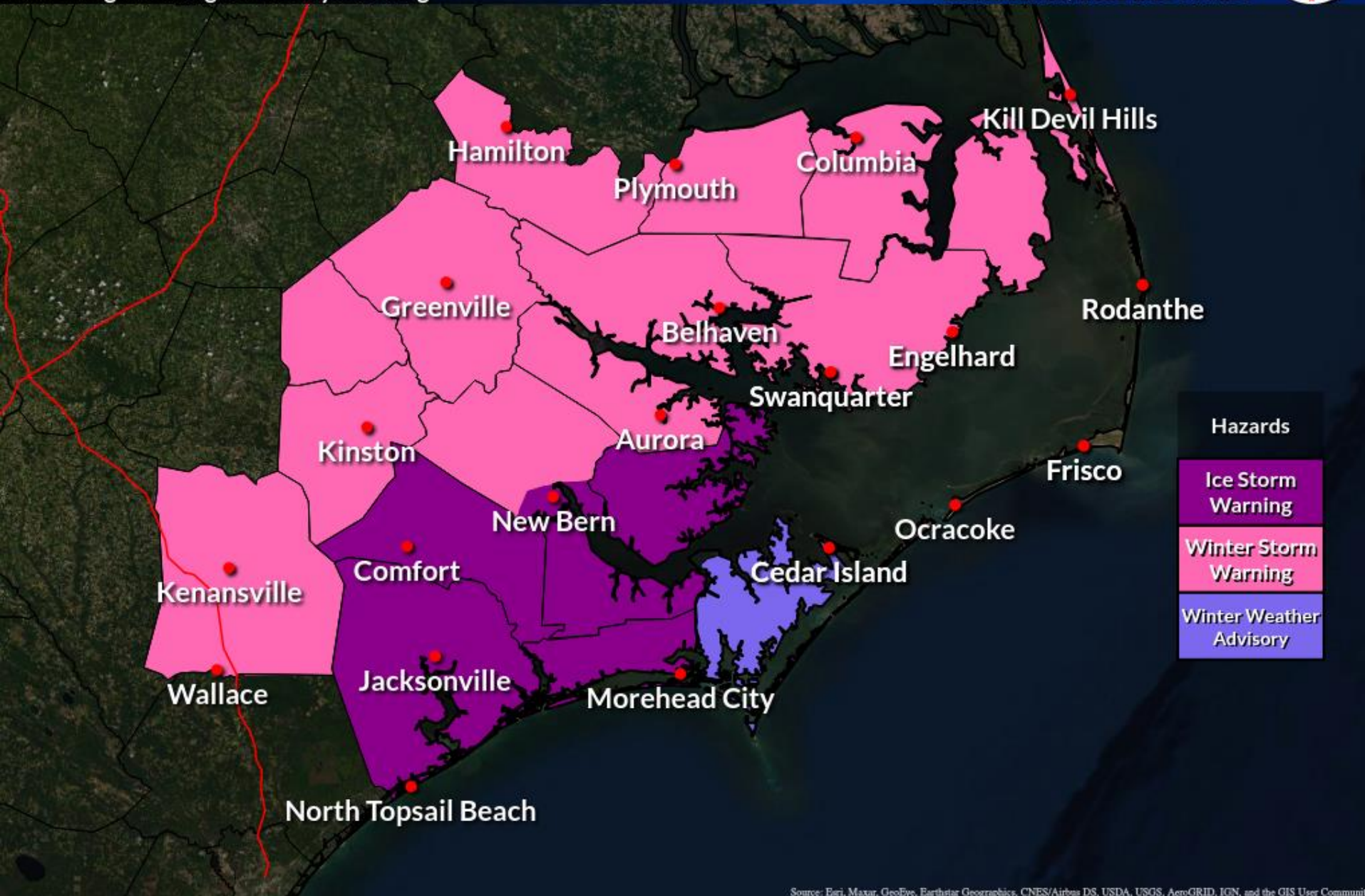


Winter Storm Headlines

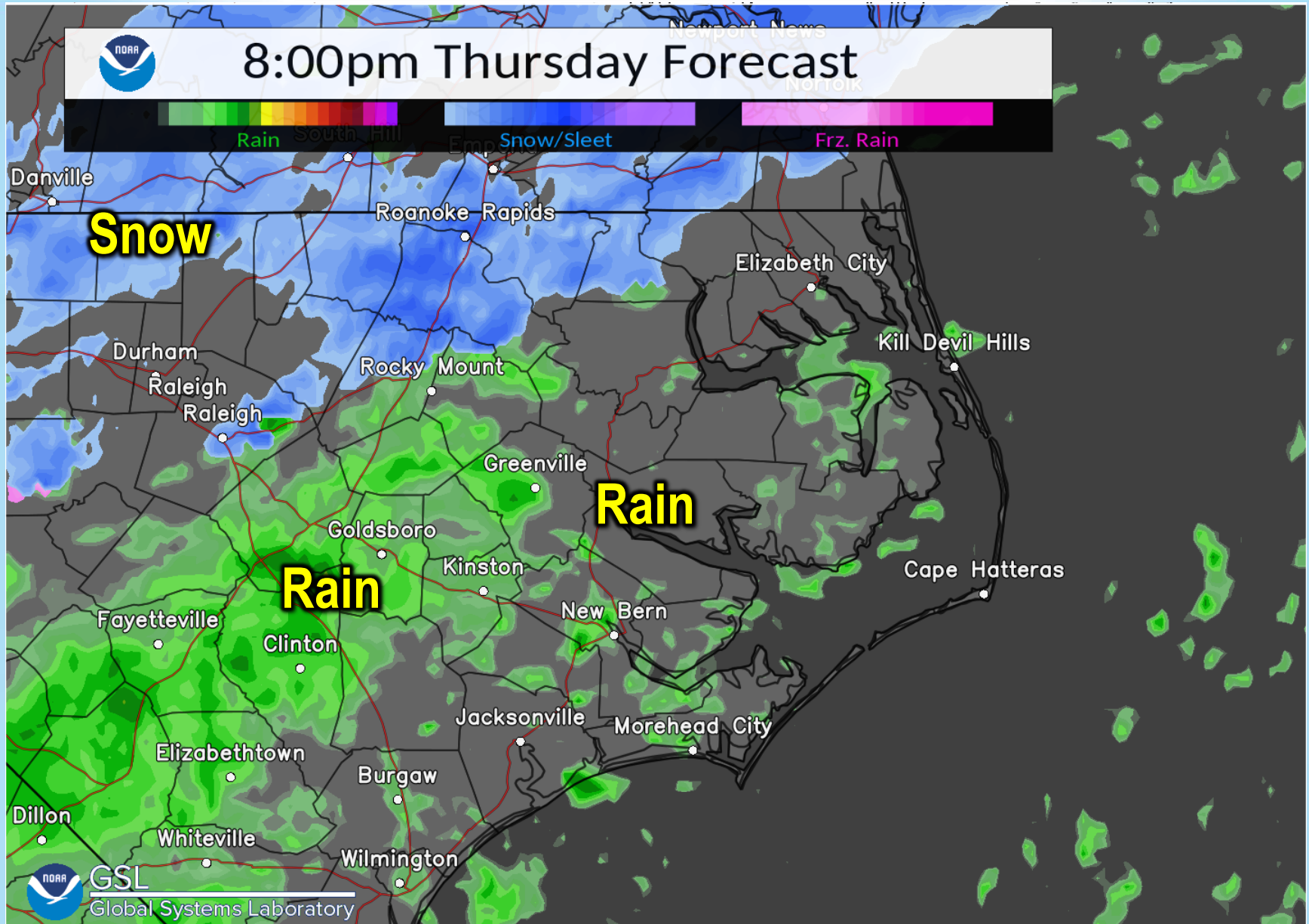
Late Tonight through Saturday Morning

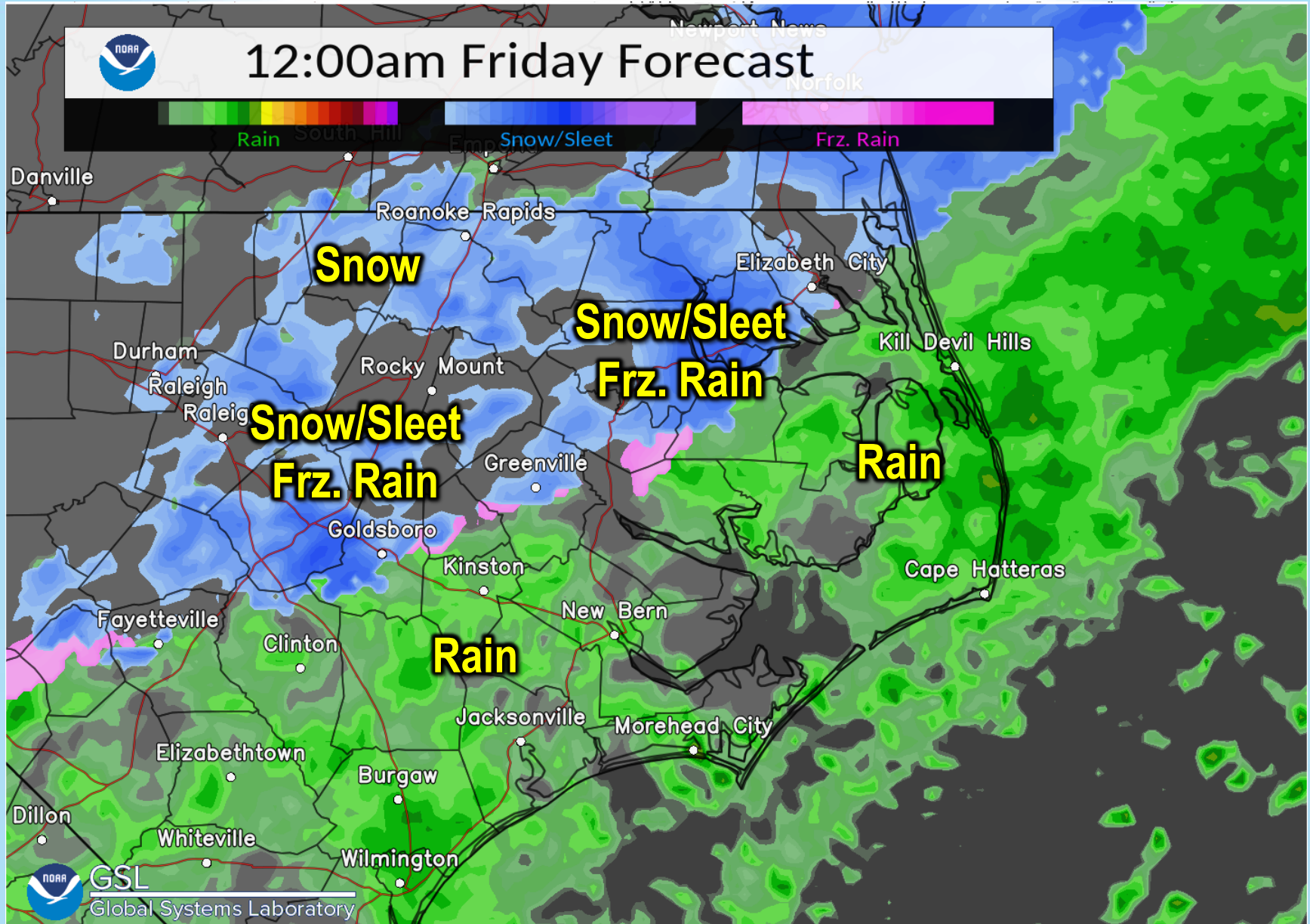
Weather Forecast Office
Newport/Morehead City, NC

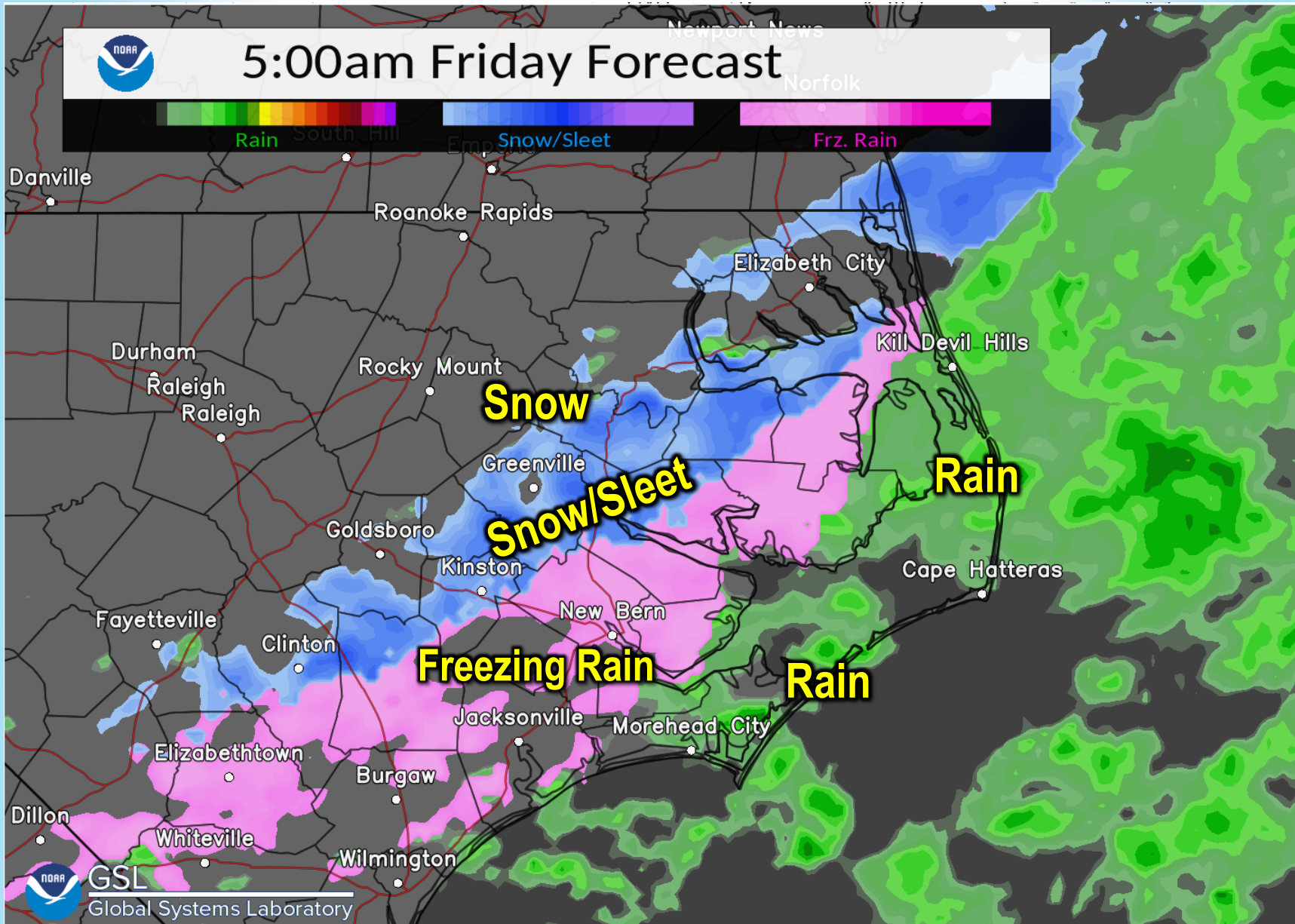
Issued Jan 20, 2022 2:23 PM EST

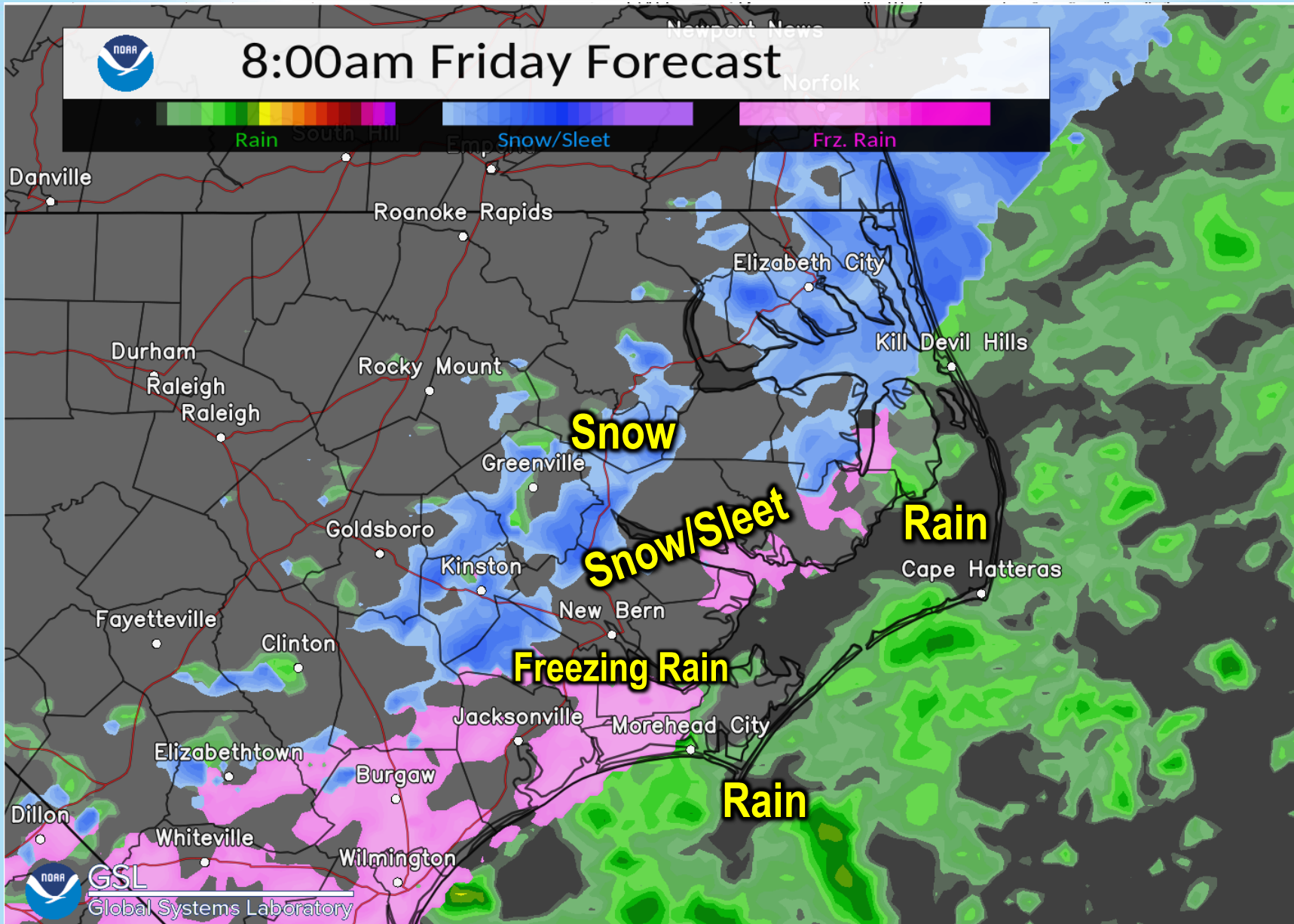


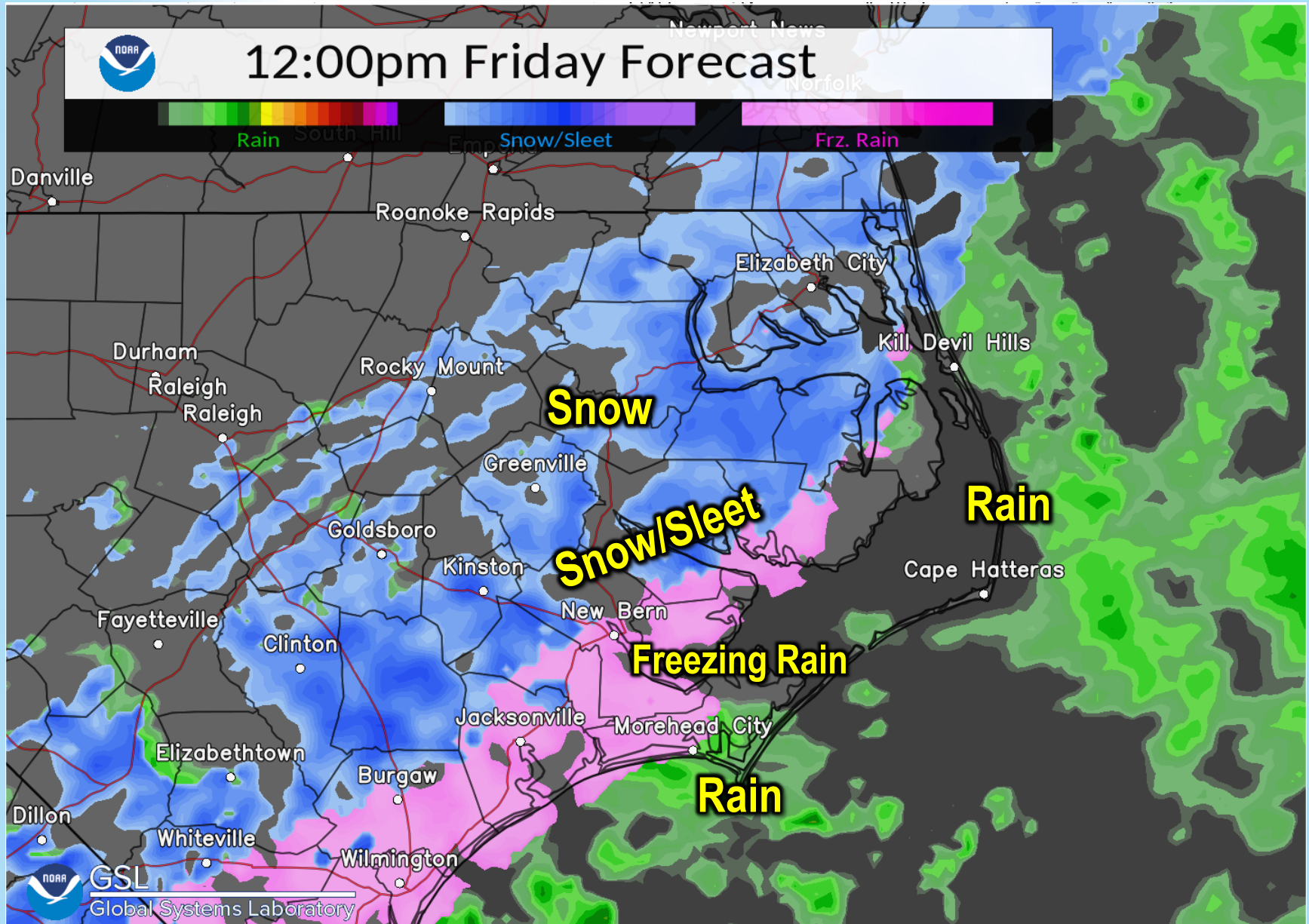
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

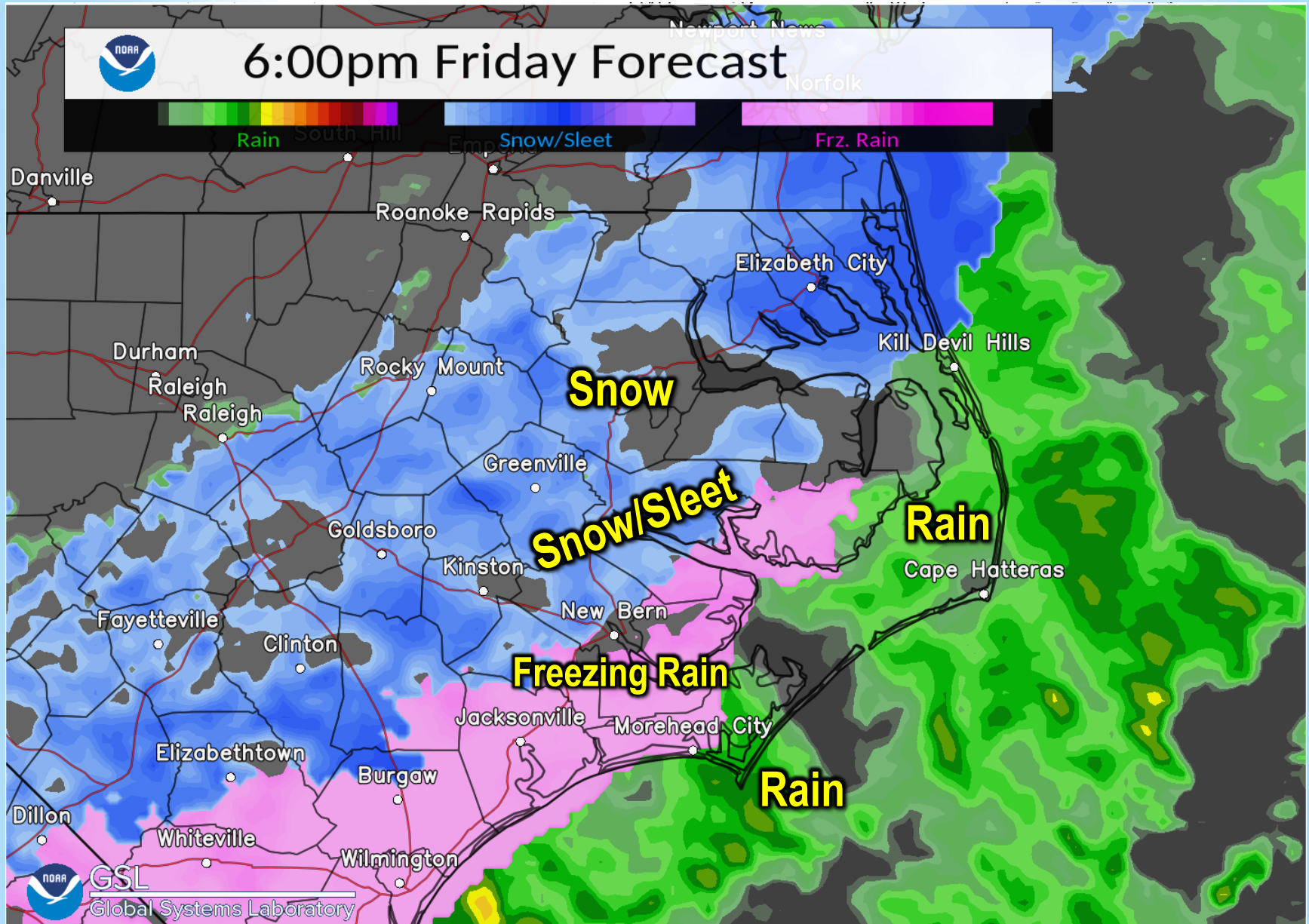


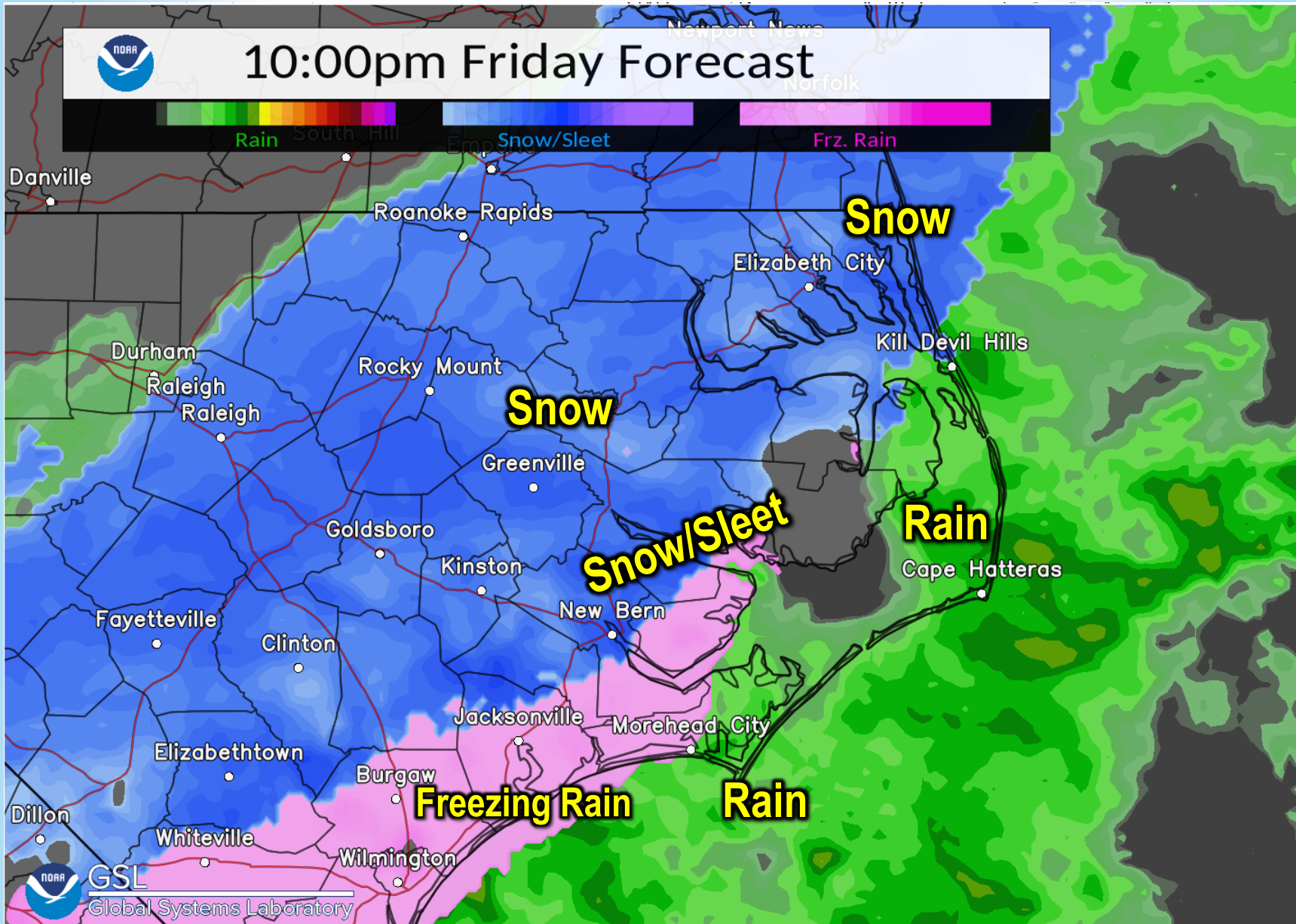


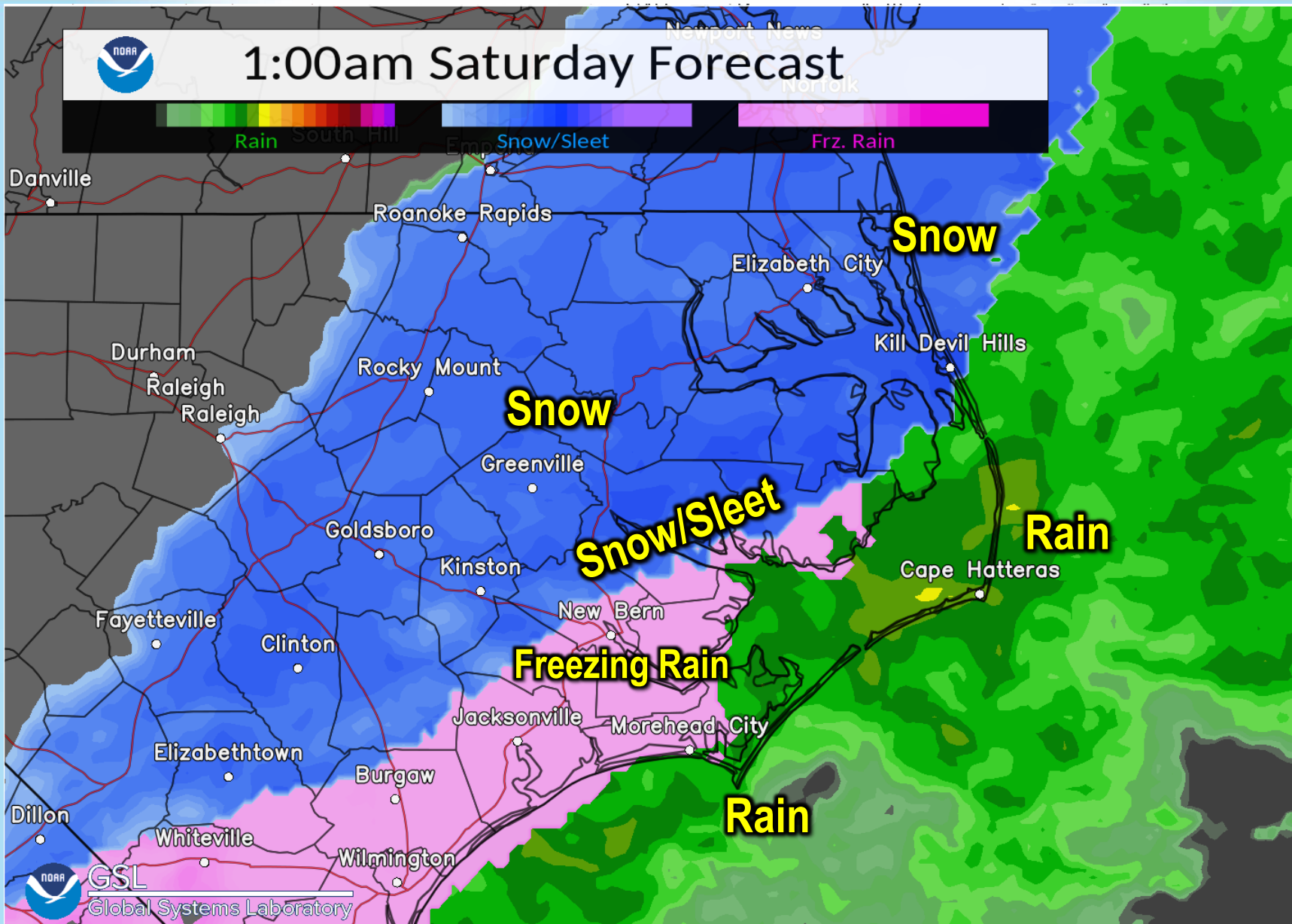


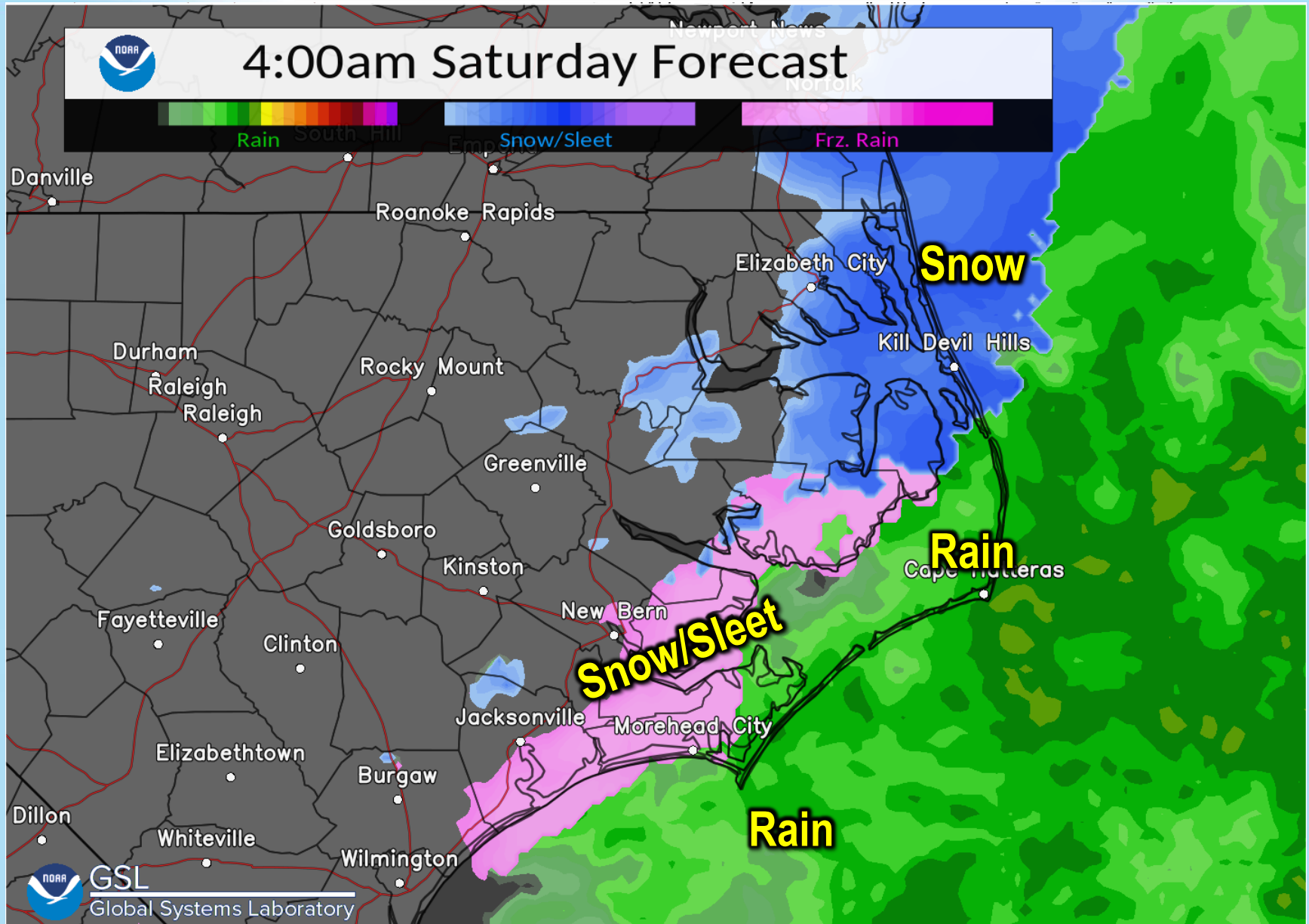


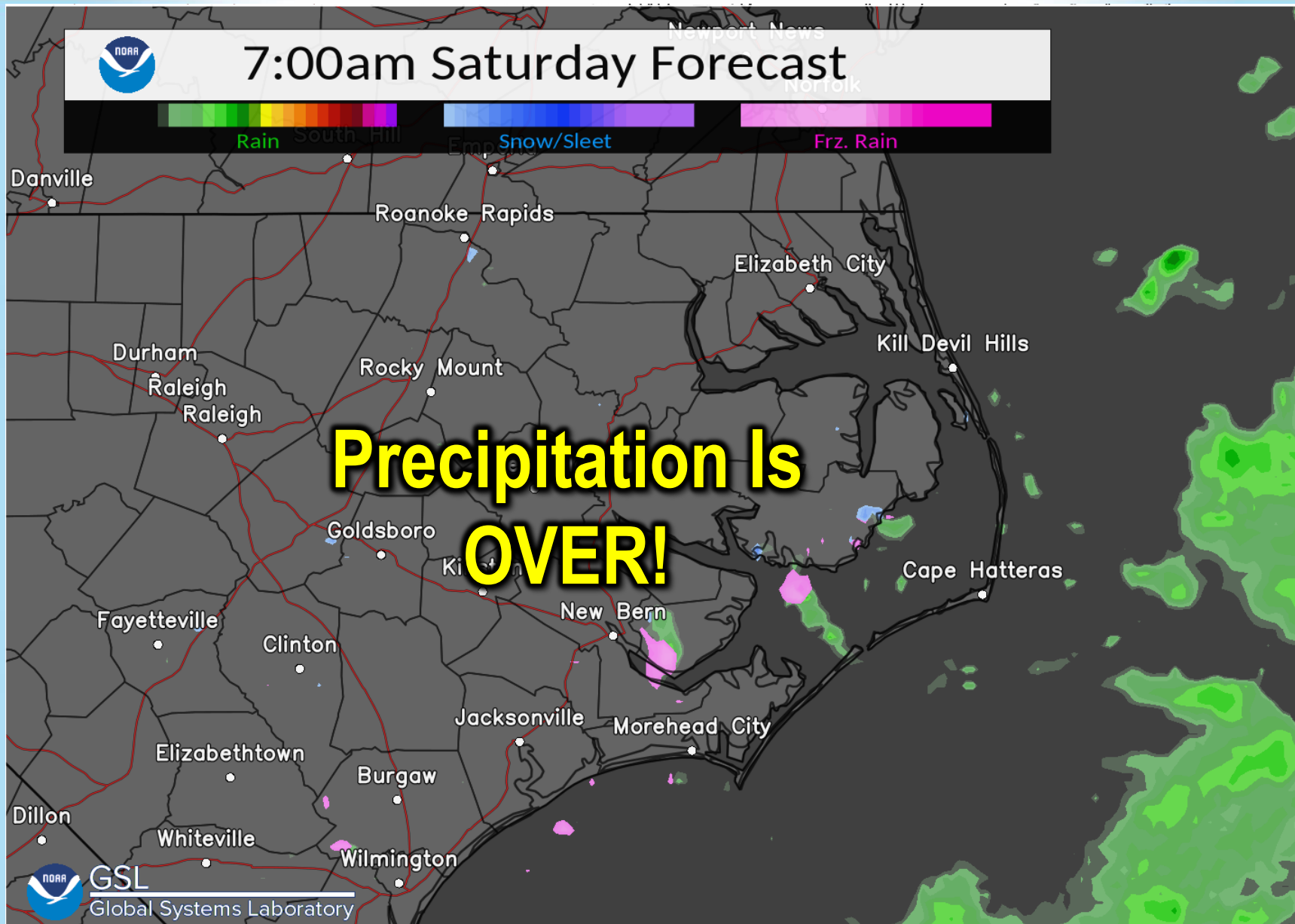








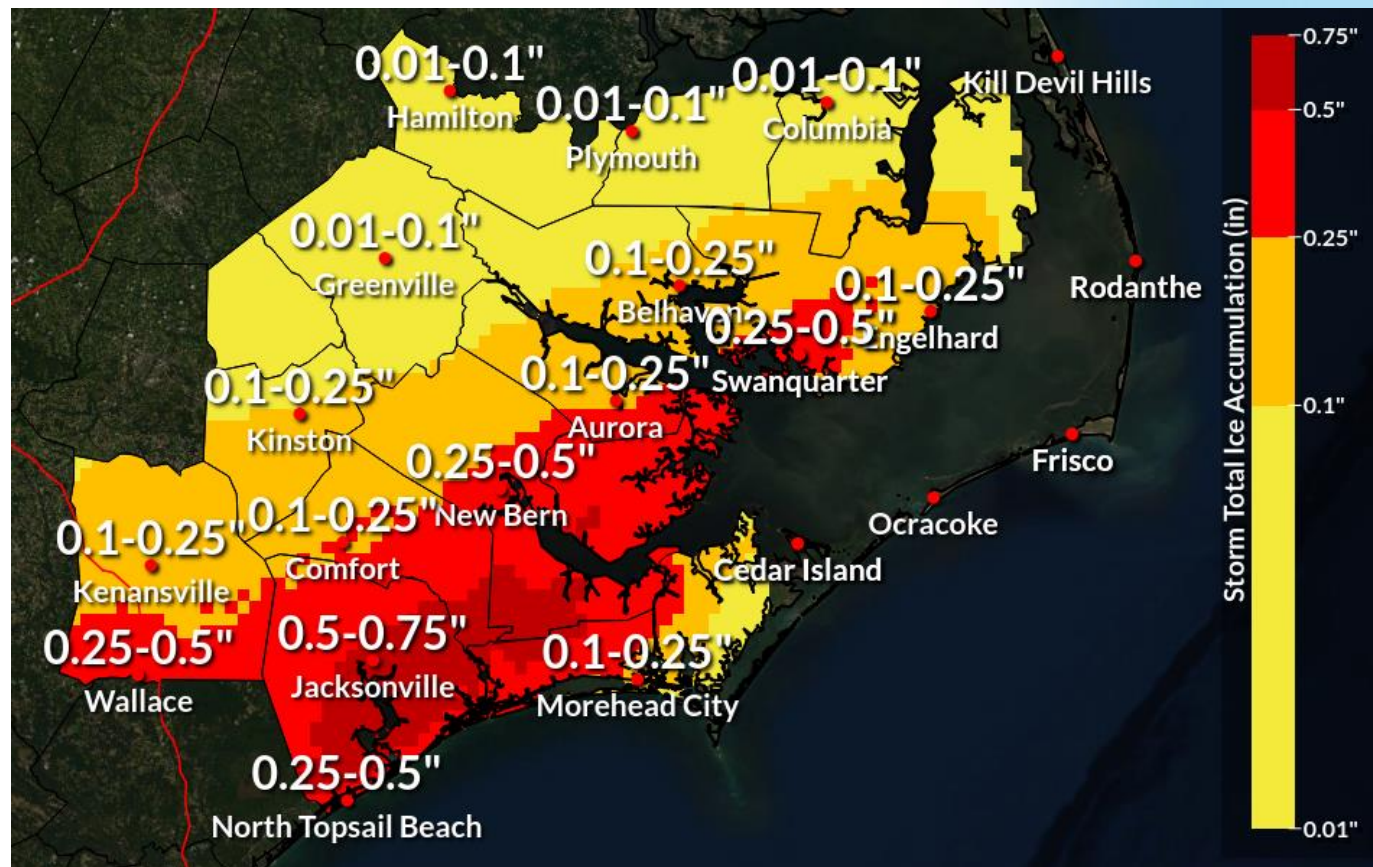




Total Ice Thursday Night – Friday Night

Power outages most likely in or near red shaded areas!

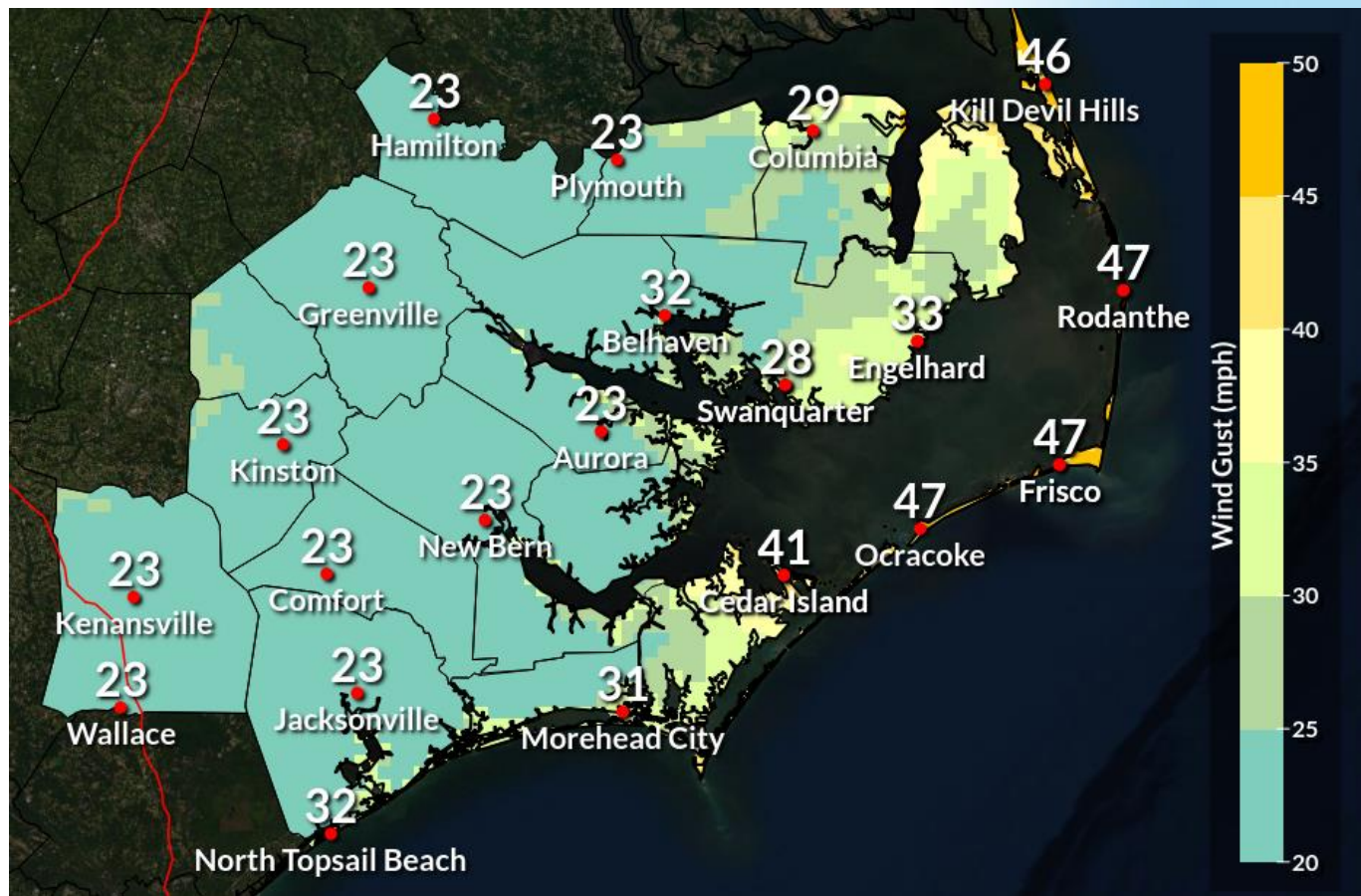
Travel will be extremely dangerous to impossible!



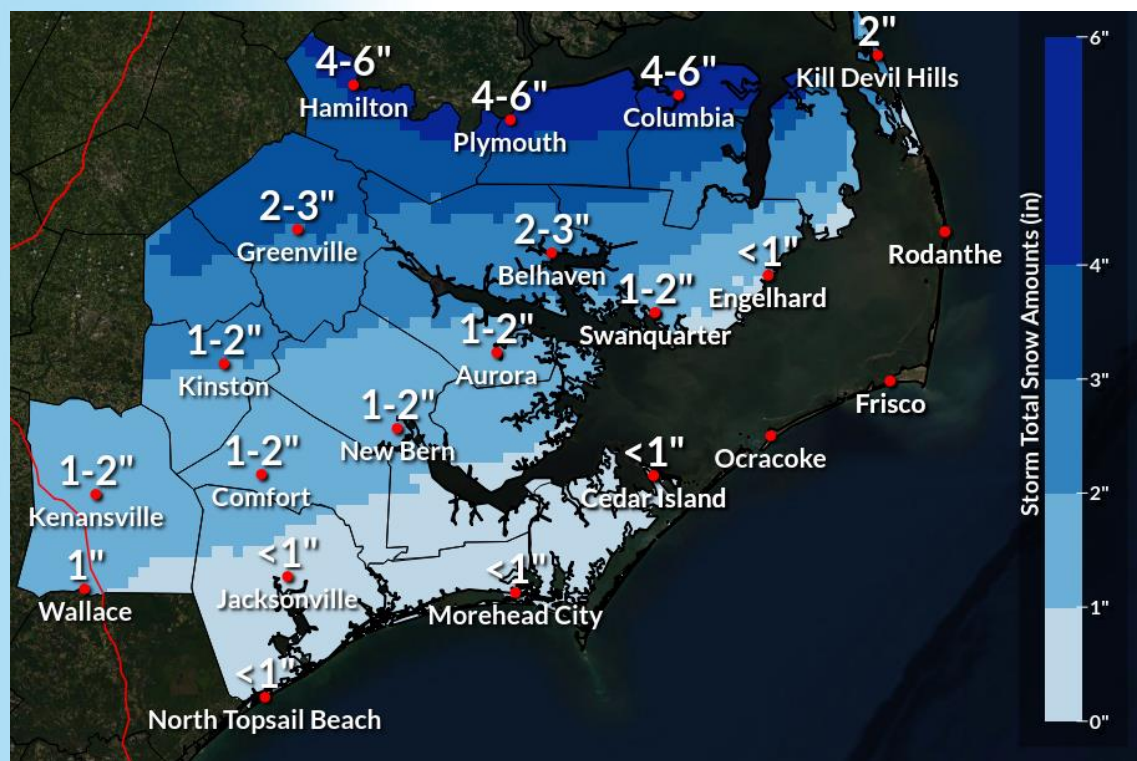
Maximum Wind Gusts Thursday Night - Saturday

**Wind Gusts
20 to 25 MPH
May Add To
Potential
Tree and
Power
Issues
Where We
Have Ice.**

**Strongest
winds near
Outer Banks.**



Snow and Sleet Totals Thu Night – Sat Morning



Storm Confidence:

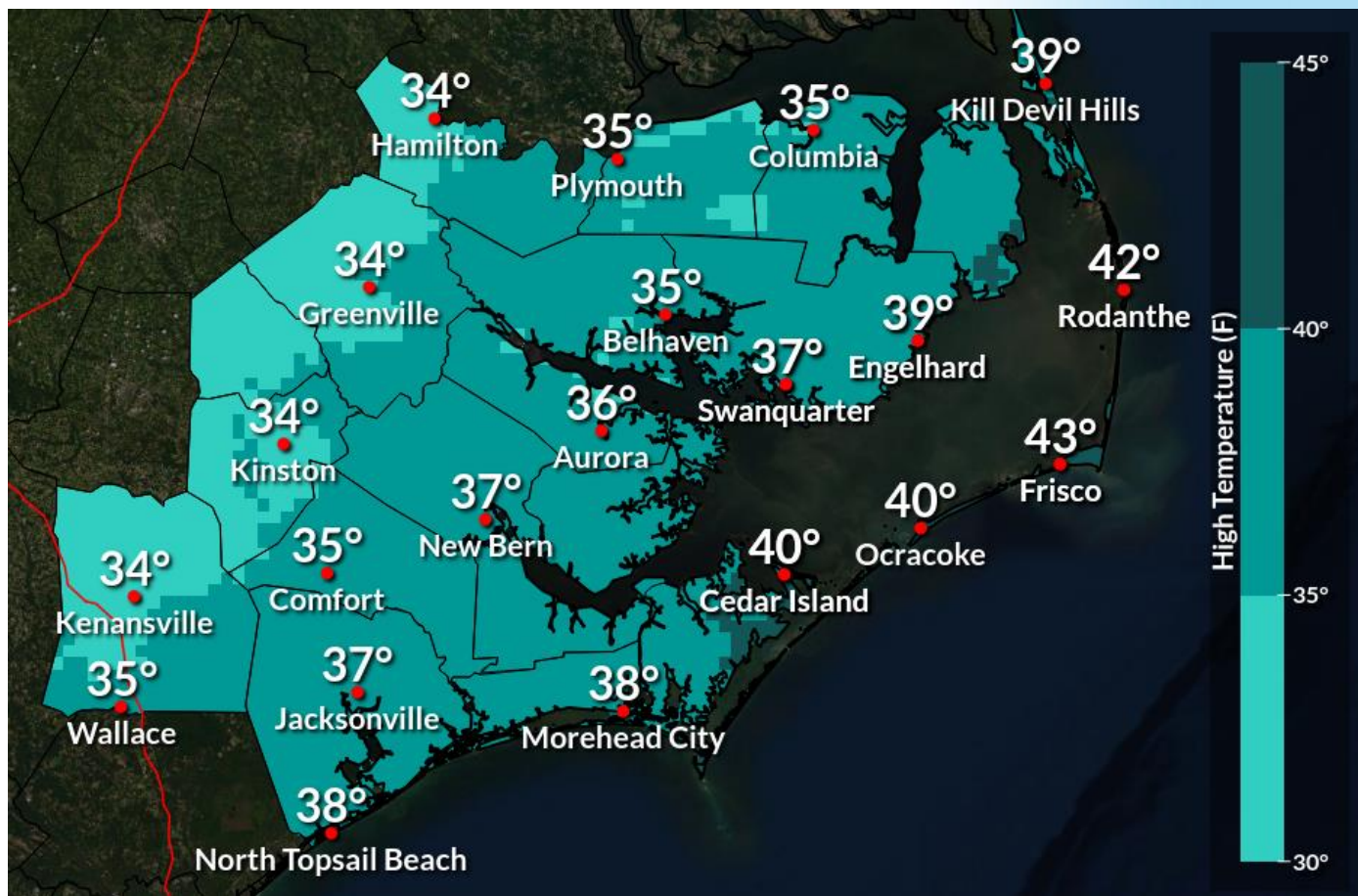
- ✓ Highest impacts will be Friday through Saturday morning.
- ✓ Find the most up to date winter products, click [here](#)

Impacts	Extreme			
	Significant			✗
	Elevated			
	Limited			
	None			
		Low	Moderate	High
		Confidence		

Highs Saturday

**Temps
Mainly
Above
Freezing**

**Highest
Melting
Toward
Coast**



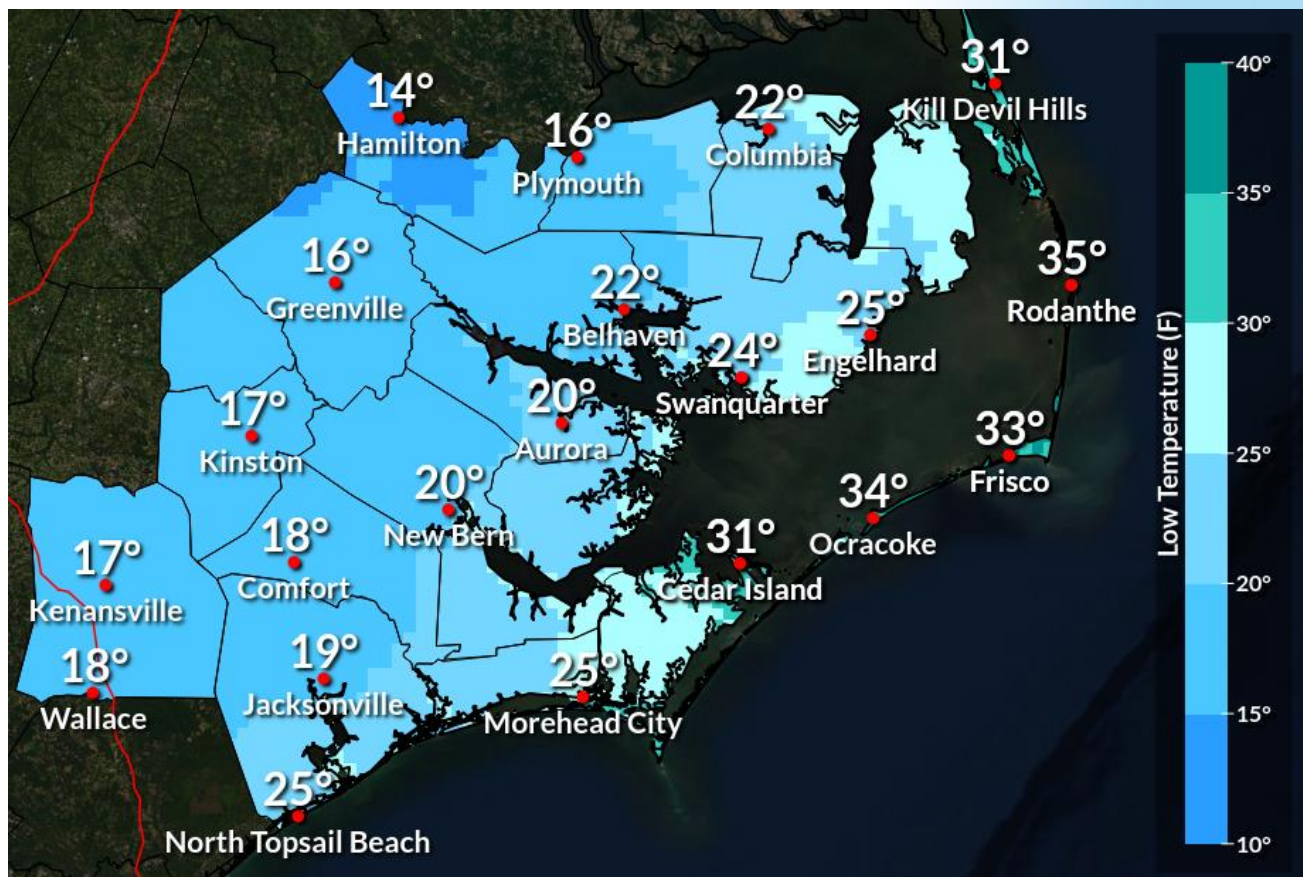


Lows Saturday Night

**Below
Freezing Most
Locations.**

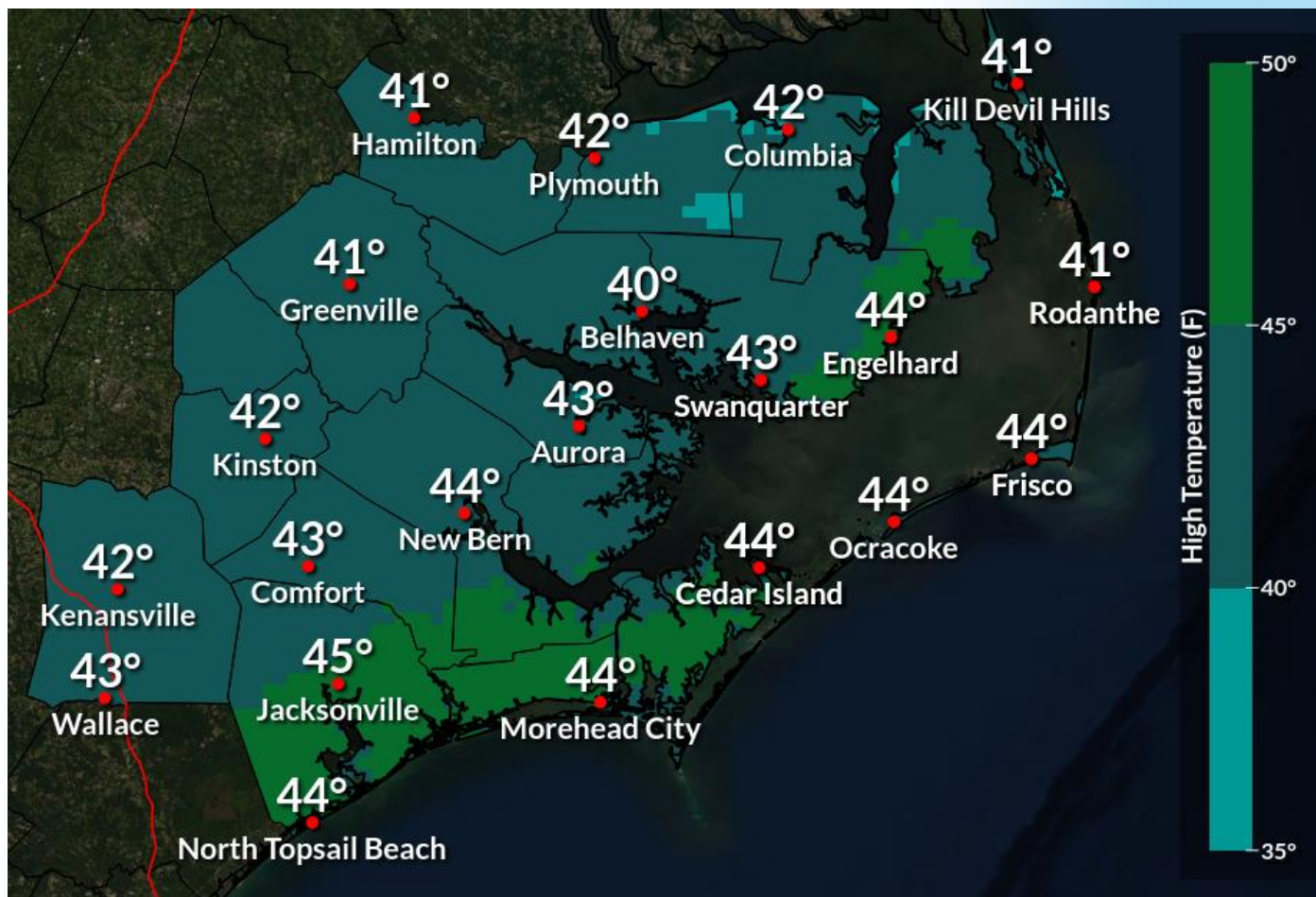
**Anything wet,
will ice up.
Black ice a
concern.**

**Cold
temperatures
will be an
issue for
those without
power!**



Highs Sunday

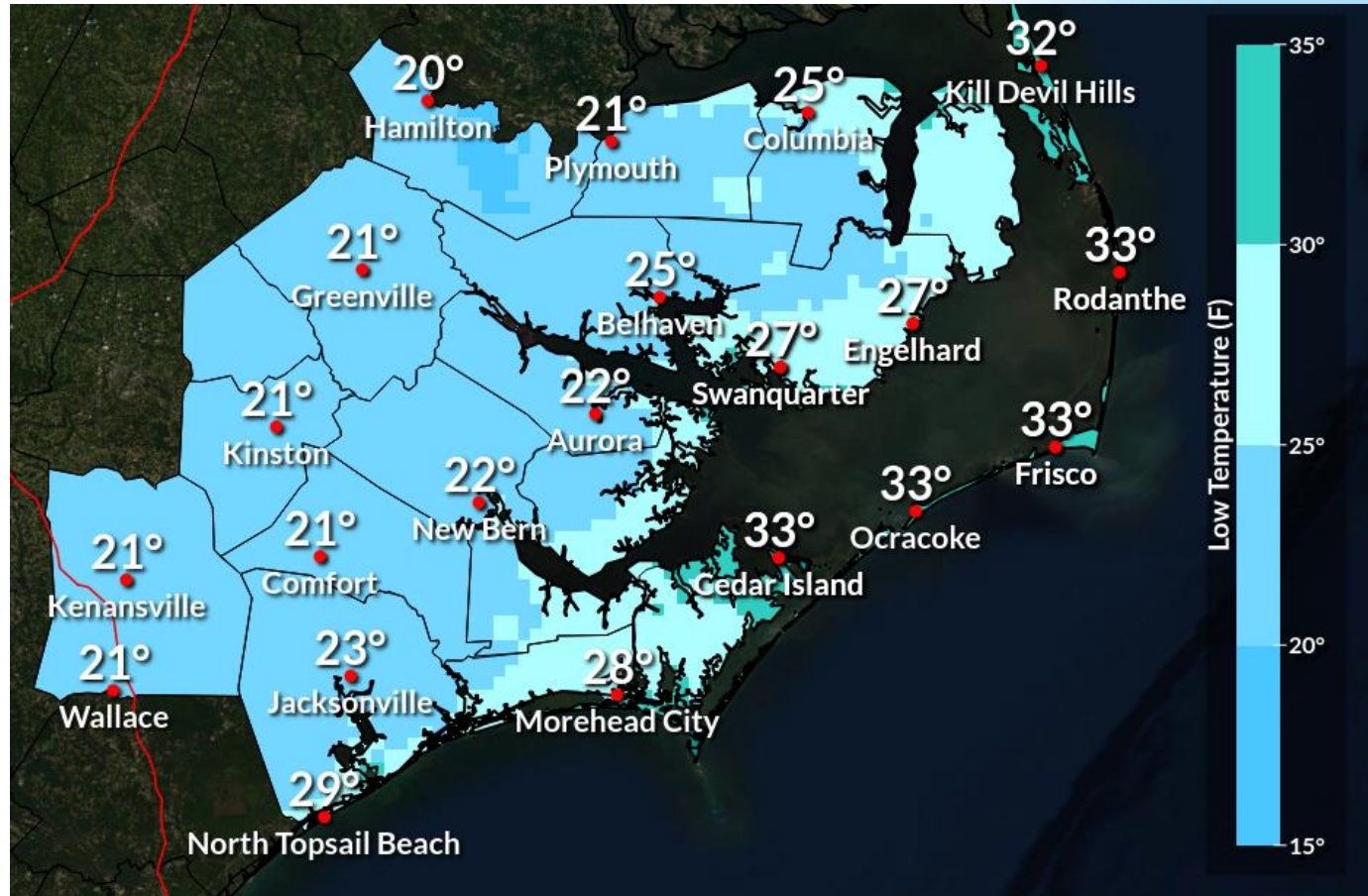
**Substantial
Melting
Sunday**



Lows Sunday Night

Anything leftover that has not dried out will refreeze.

Cold temperatures an issue for those without power.

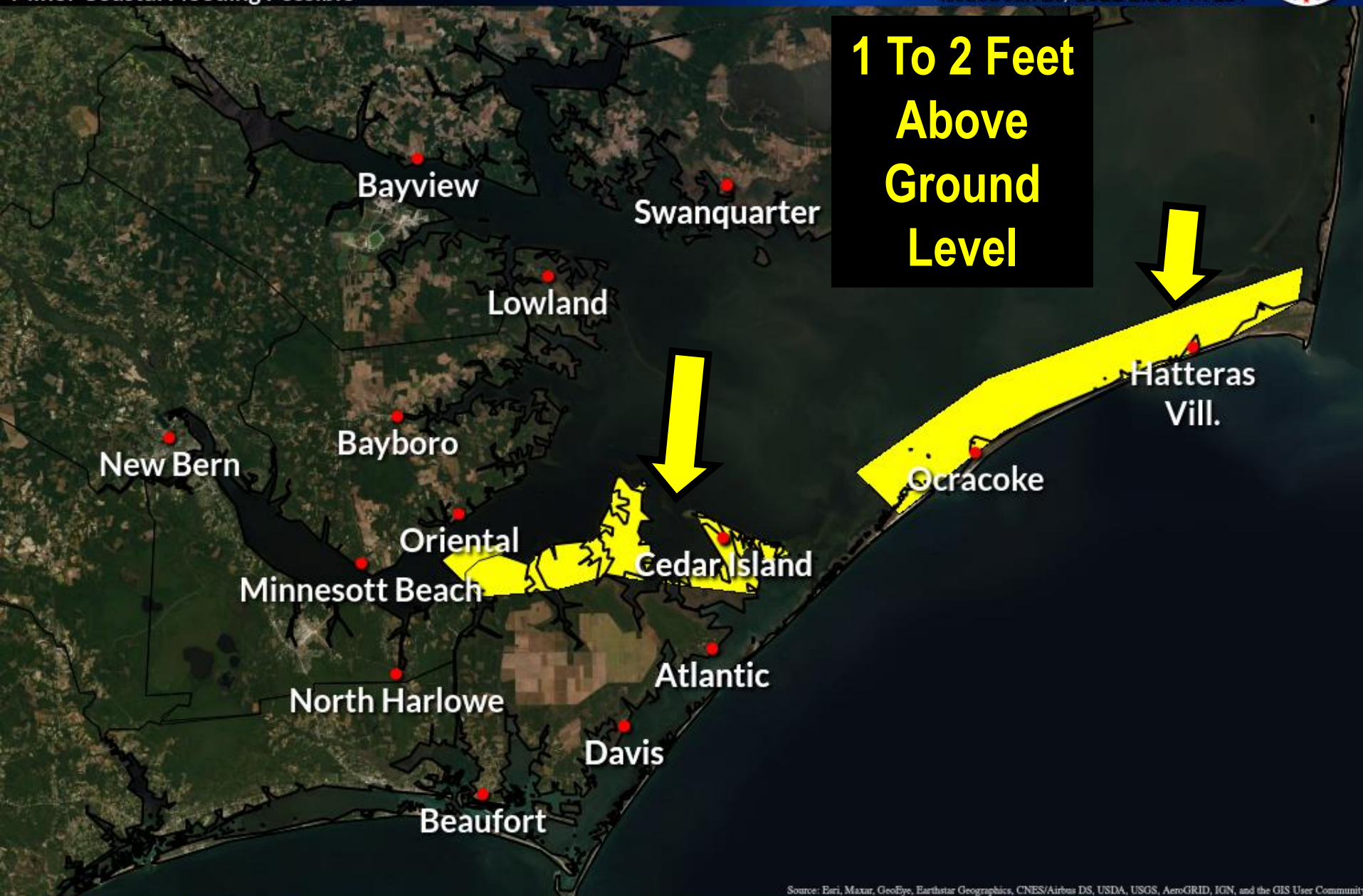


Coastal Flooding (Sound Side)

Minor Coastal Flooding Possible

Weather Forecast Office
Newport/Morehead City, NC

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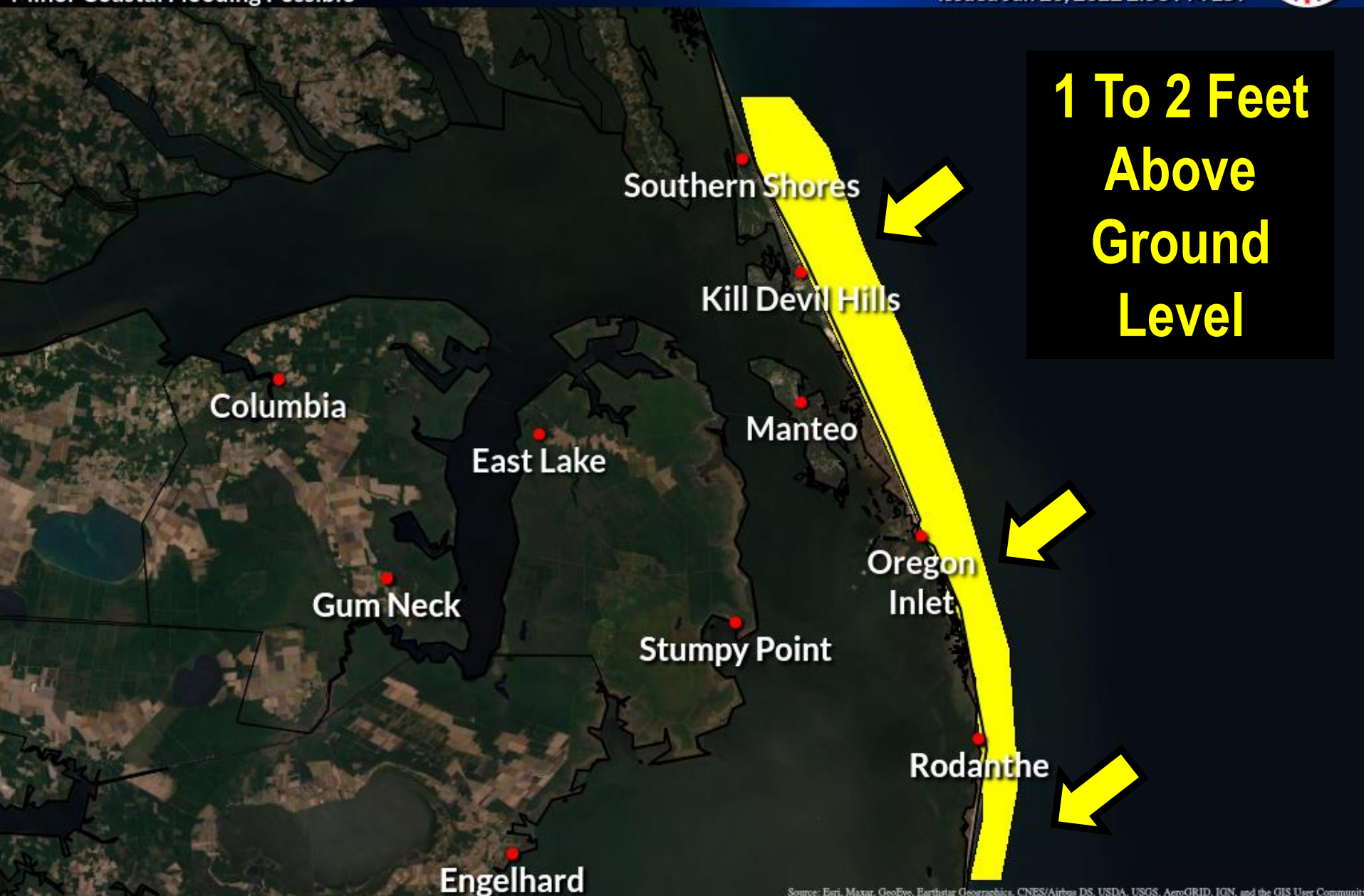
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Coastal Flooding (Ocean Side)

Minor Coastal Flooding Possible

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Newport/Morehead City, NC

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



Event Summary

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



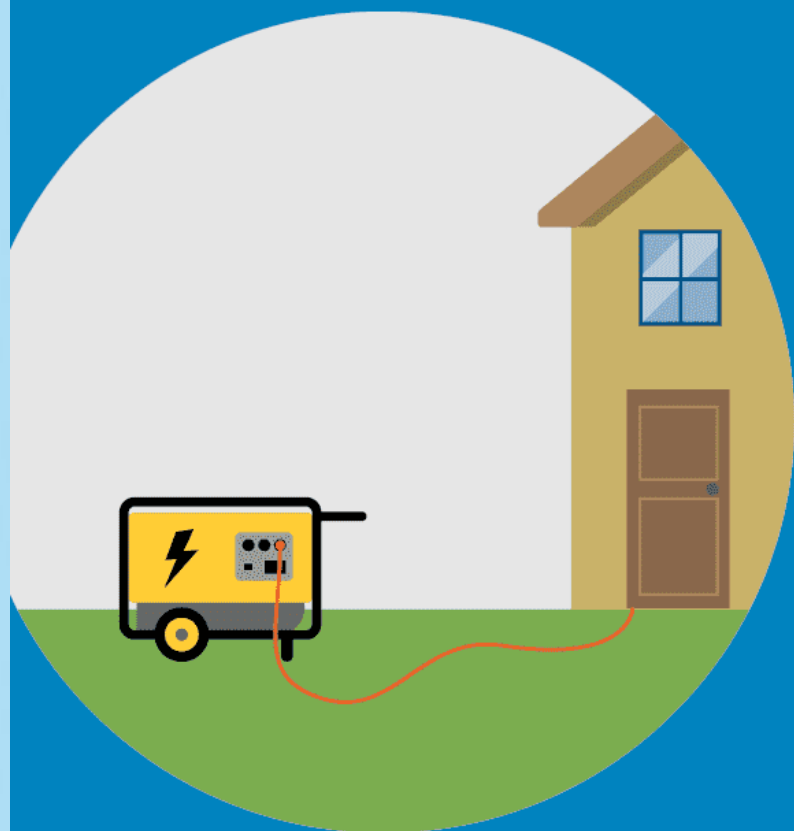
Significant icing expected. 0.25" to 0.50+" of ice will likely produce power outages.



Hazardous to nearly impossible travel at times due to significant icing, sleet, and snow. Road conditions will be hazardous due to temperatures remaining in the 20s to around 30 on Friday. Lingering impacts through the weekend due to very cold temperatures at night.



Generally 1 – 4" of combined snow and sleet for most folks. Locally 6" or more north of Hwy 64. Best chance for snow Friday afternoon into early Saturday morning.



Generators should always be used outside the home.

Carbon monoxide poisoning can occur when a generator is not working or vented properly.



FEMA



U.S. Fire
Administration



Practice fireplace safety if you plan on using one!

Make sure your chimney is cleaned.

Have a carbon monoxide detector in the house!



Use your fireplace safely.

Always use a metal or heat-tempered glass screen when using your fireplace.



Make sure you have a carbon monoxide alarm when you use wood stoves or fireplaces.



**NEVER
NEVER**

NEVER

**use your oven or
stovetop to heat
your home!**

It is a fire hazard!

**Gas stoves
release deadly
carbon
monoxide!**



**Never use an oven
or stovetop to heat
your home.**



Contact and Next Briefing Information



Next Briefing
When: By 8 AM Friday
Method: E-mail

[Briefing Webpage](http://www.weather.gov/mhx/)



Web:

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



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is time-sensitive, do not use after 4 AM January 21st