

Significant Multi-Hazard Winter Storm Expected

*****Ice Amounts May Be
Unprecedented and Historic
For Our Area*****

**Decision Support Briefing # 6
As of: 2:00 PM Fri, January 21st**




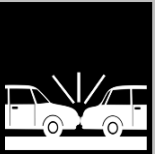


Briefing applies to the
Morehead City/Newport,
NC
Area Only



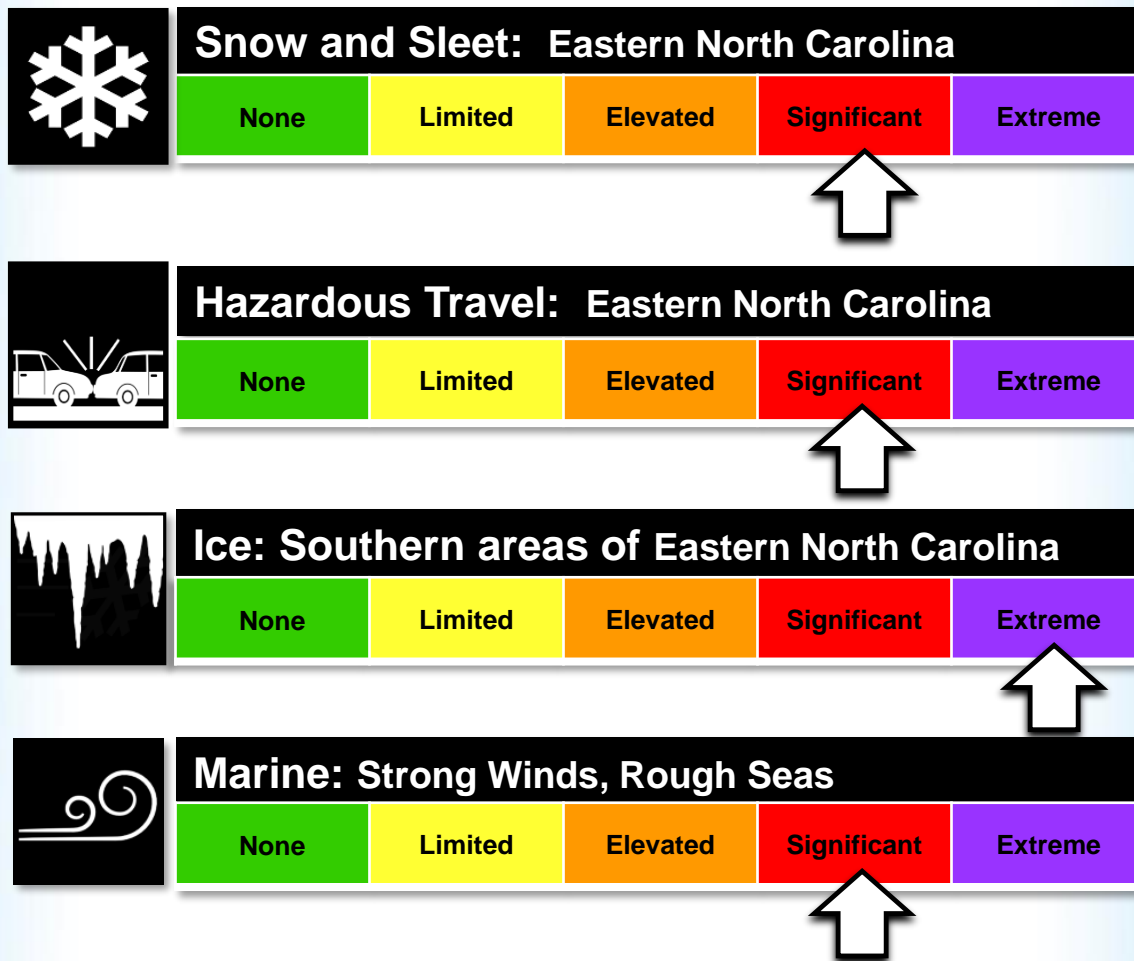
What Has Changed?

- ✓ No Significant Changes
- ✓ This Will Be The Final Briefing

Main Points

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

Summary of Greatest Impacts

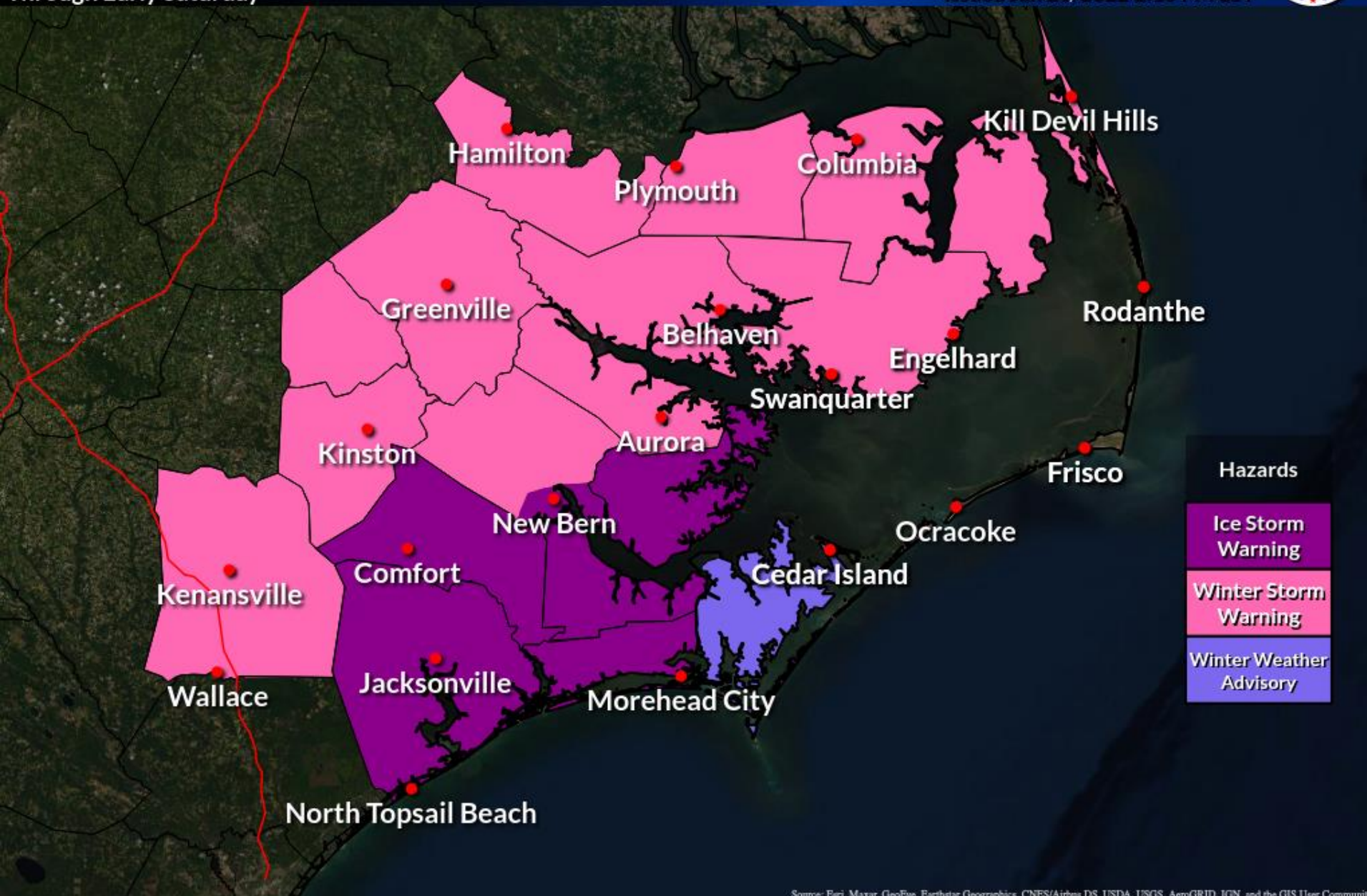


Winter Storm Headlines

Through Early Saturday

Weather Forecast Office
Newport/Morehead City, NC

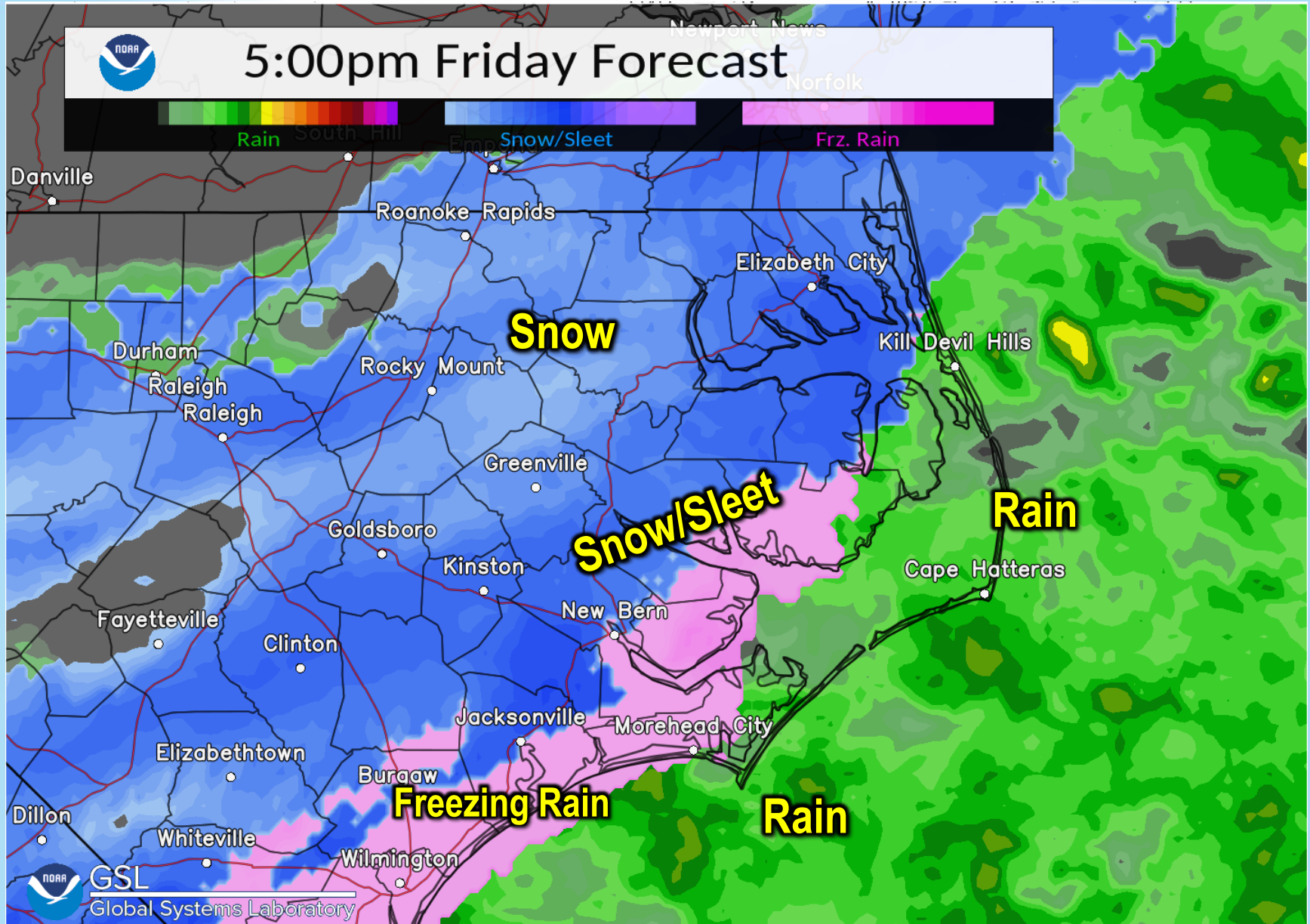
Issued Jan 21, 2022 2:18 PM EST

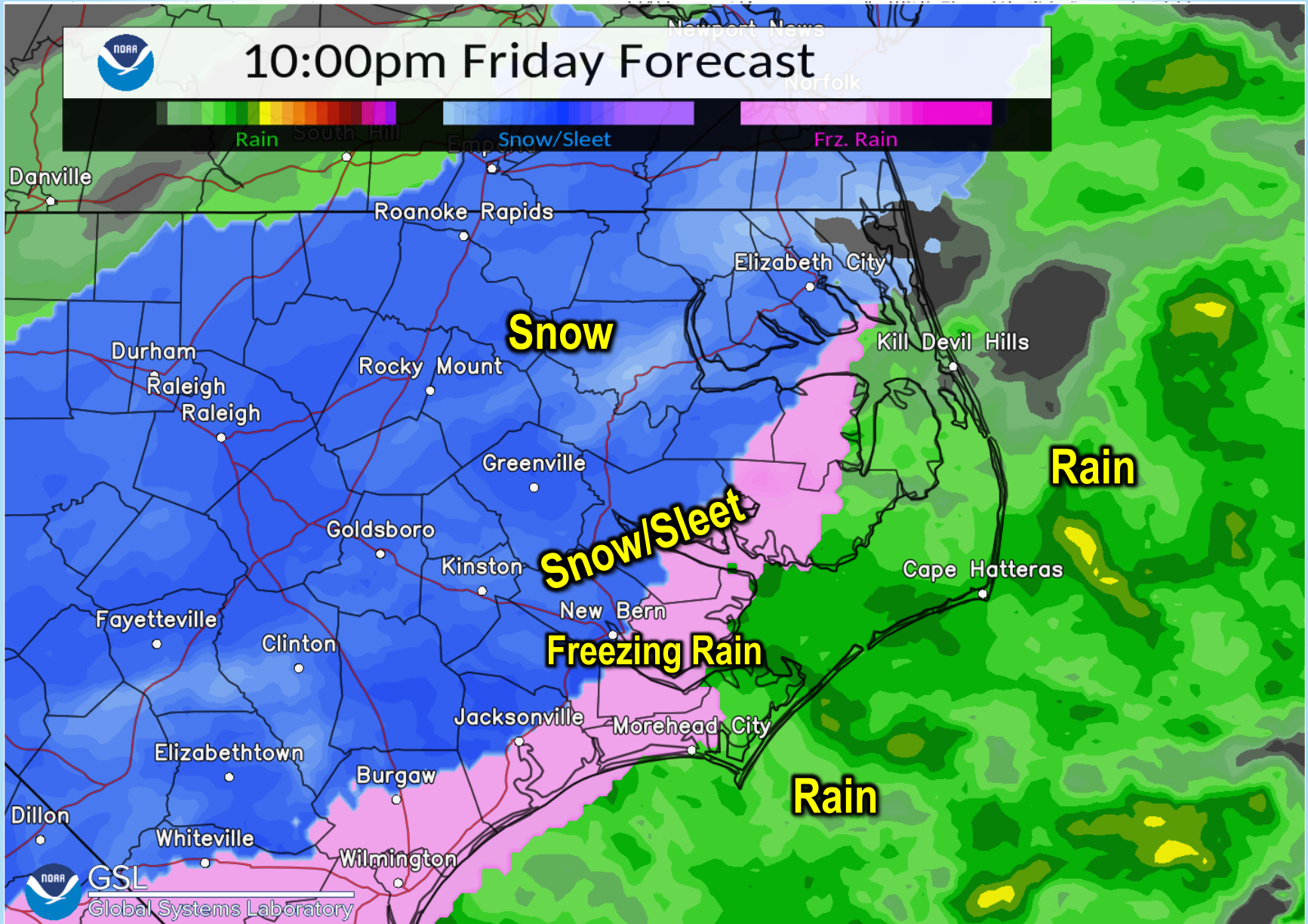


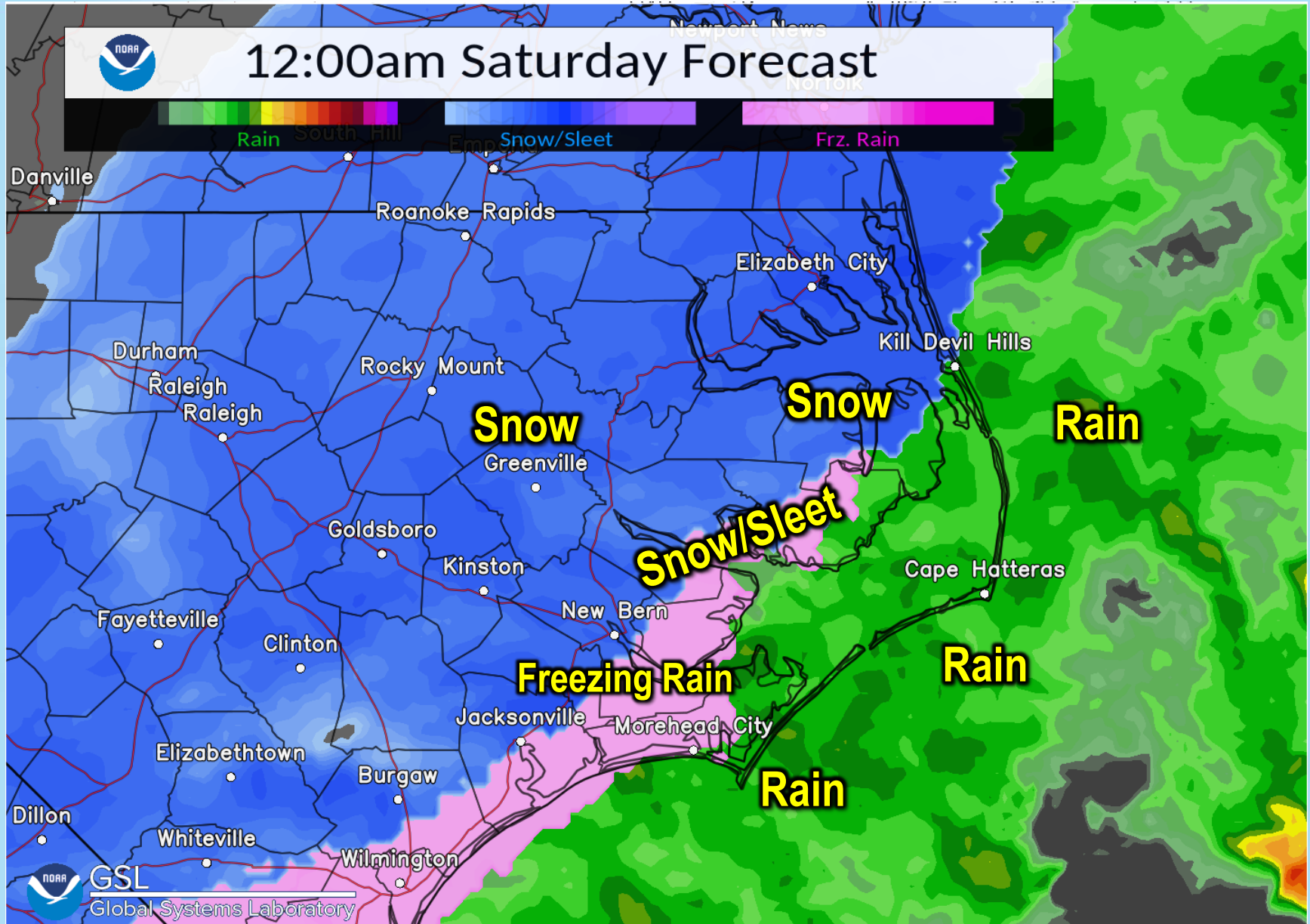
Hazards

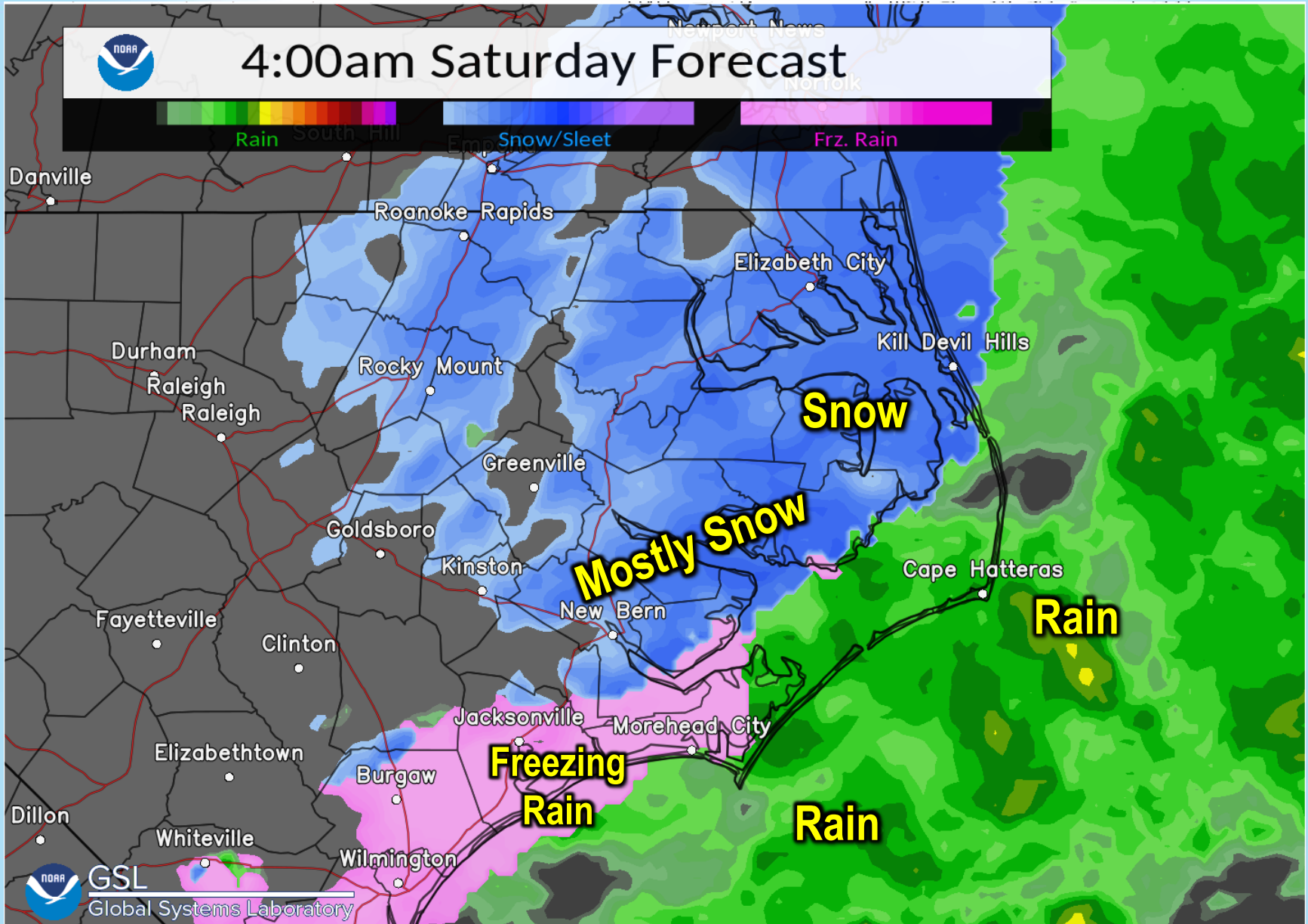
- Ice Storm Warning
- Winter Storm Warning
- Winter Weather Advisory

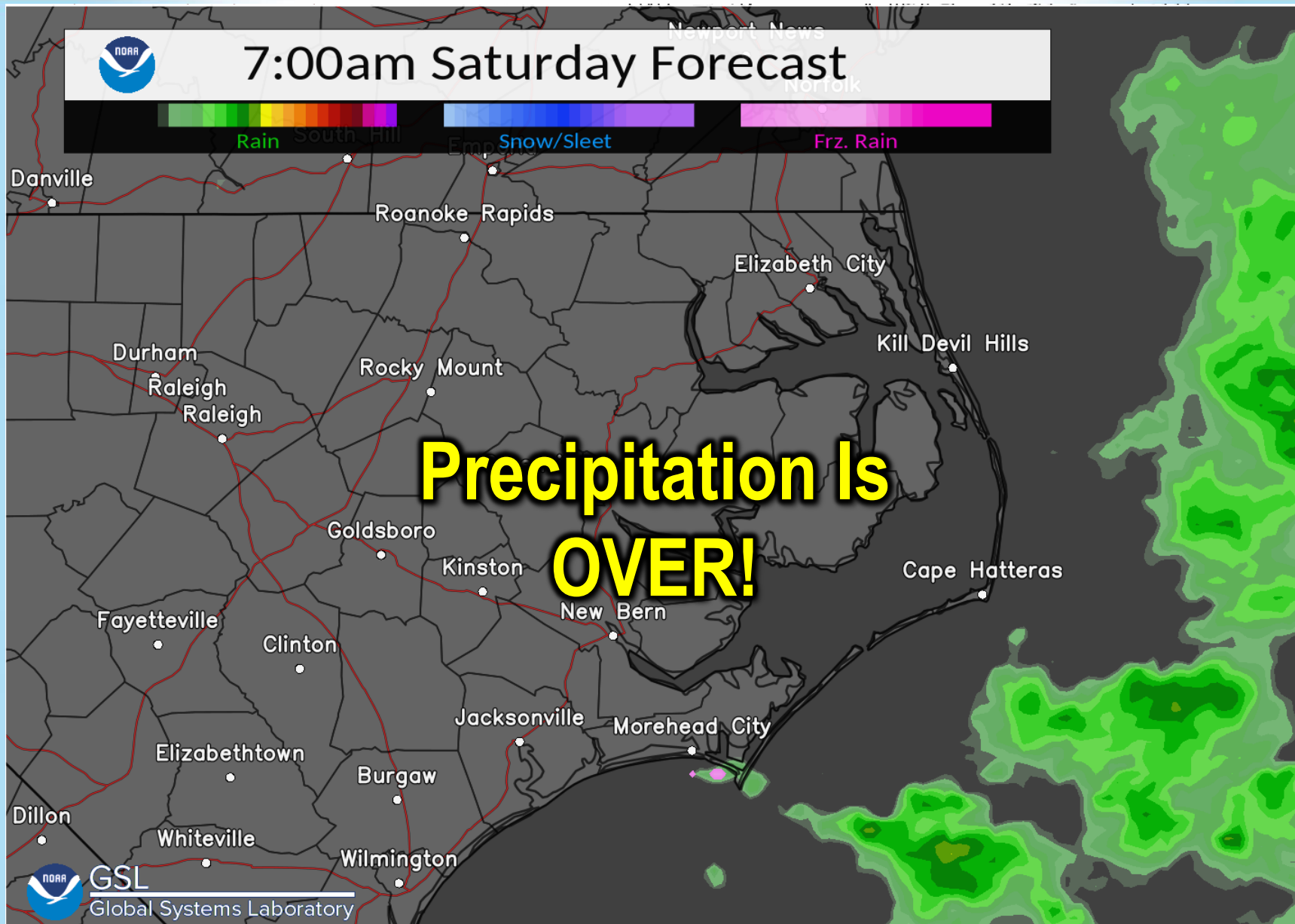
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community







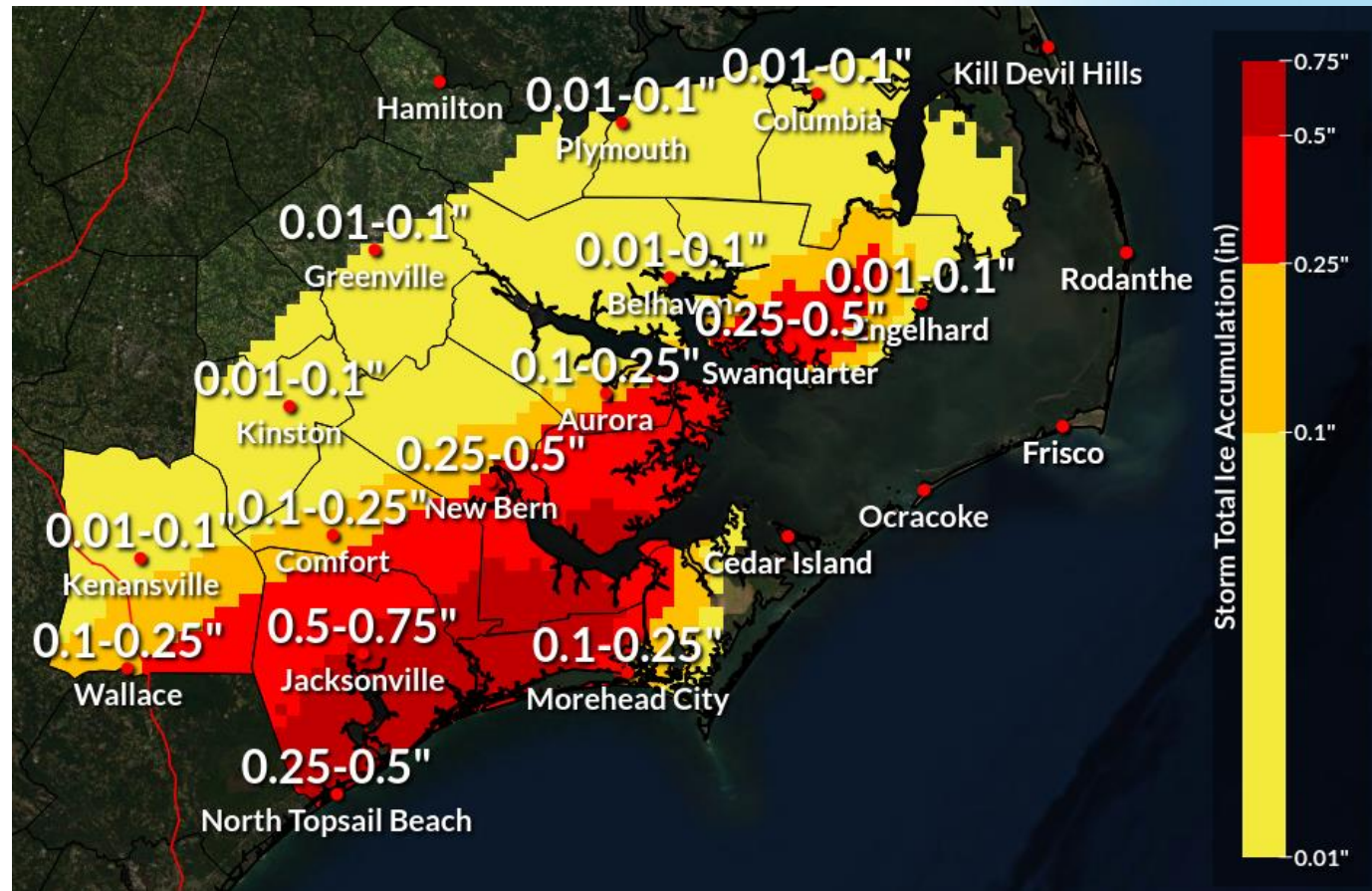




Total Ice through Saturday Morning

Power outages most likely in or near red shaded areas!

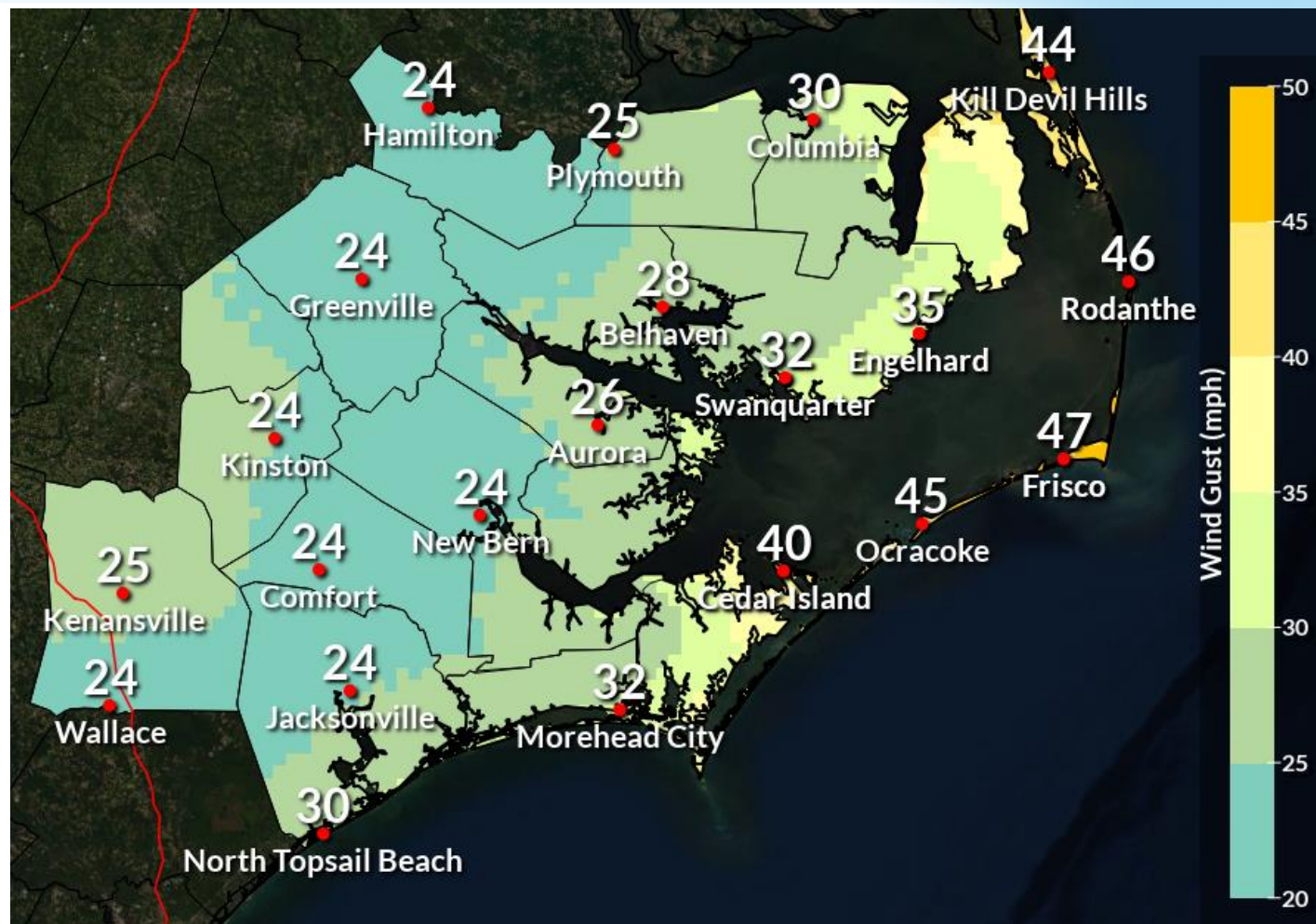
Travel will be extremely dangerous to impossible!



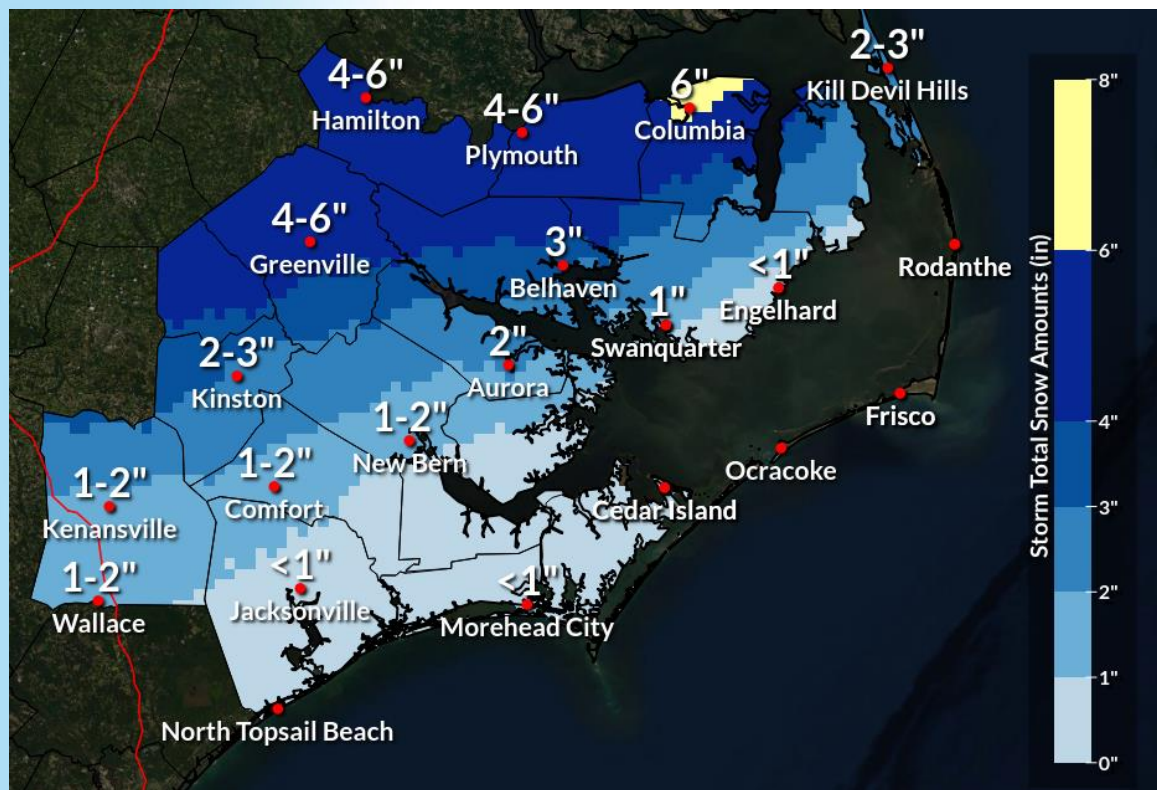
**Wind Gusts
20 to 30 MPH
May Add To
Potential
Tree and
Power
Issues
Where We
Have Ice.**

**Strongest
winds near
Outer Banks.**

Maximum Wind Gusts Through Saturday Morning



Snow and Sleet Totals Through Saturday Morning



Storm Confidence:

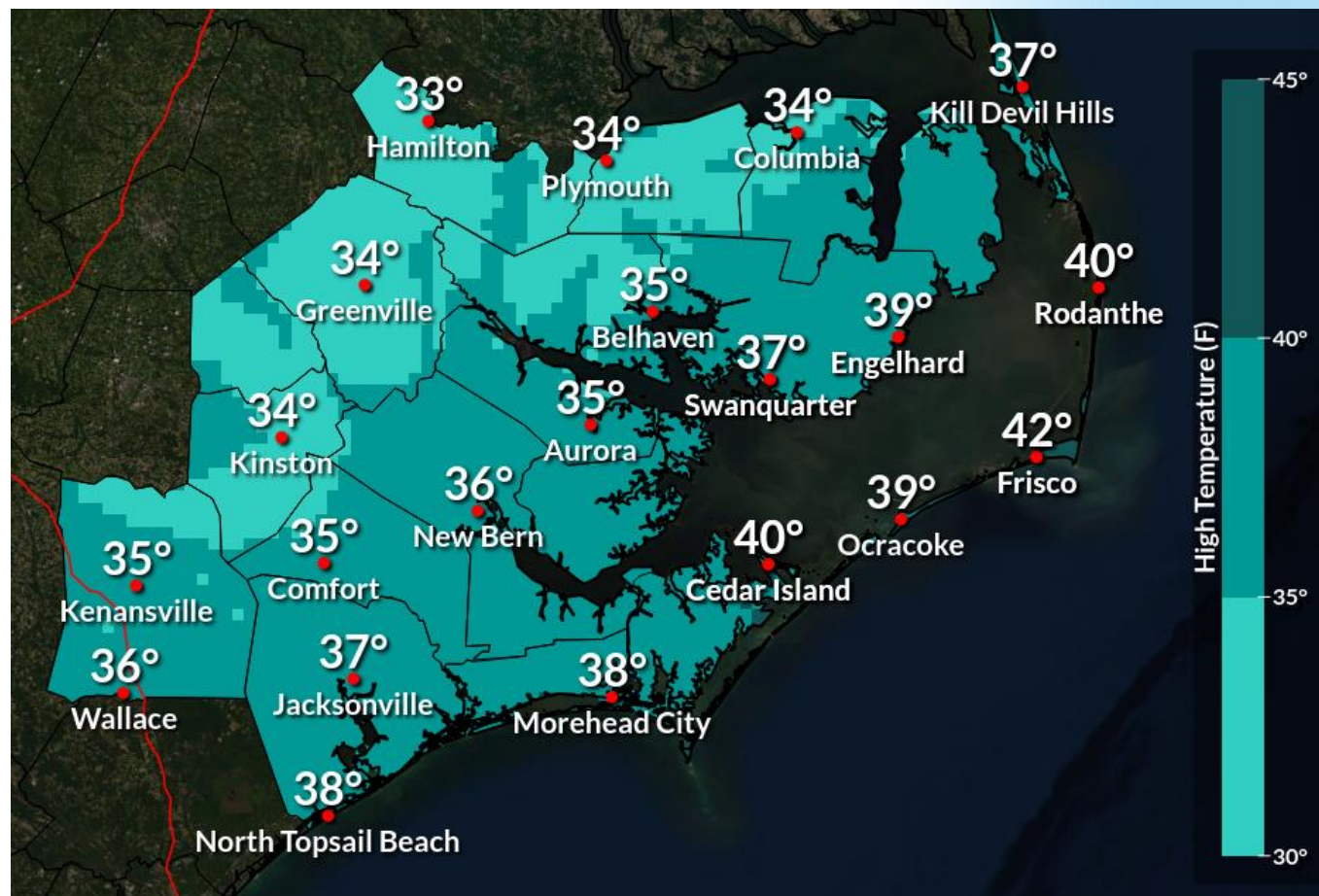
- ✓ Heaviest snow will be Tonight through early Saturday morning.
- ✓ Find the most up to date winter products, click [here](#)

Impacts	Extreme			
	Significant			✗
	Elevated			
	Limited			
	None			
		Low	Moderate	High
		Confidence		

Highs Saturday

**Some
melting, but
highs only
near freezing
where snow
is on the
ground.**

**Greater
Melting of
Ice Toward
Coast**

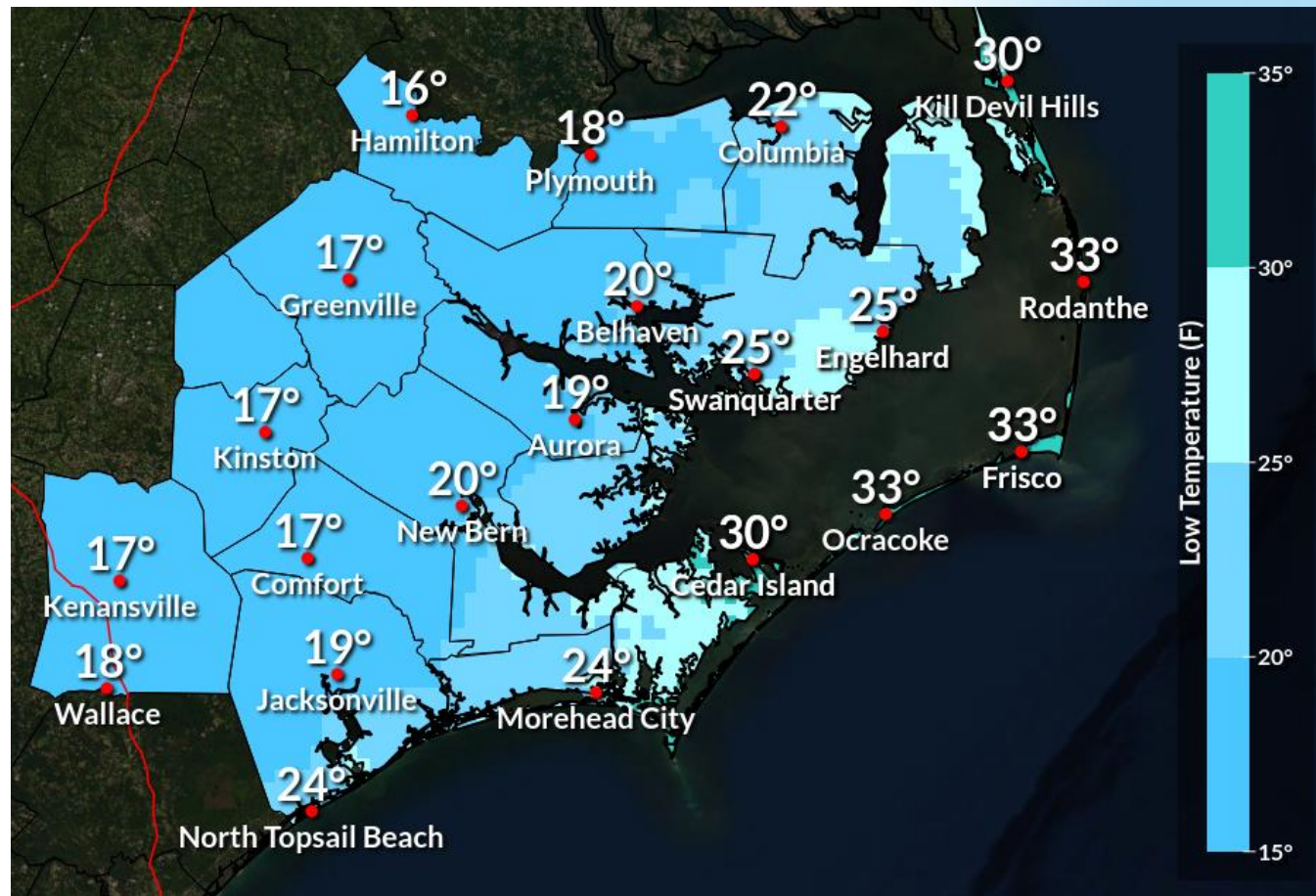


Lows Saturday Night

**Well below
freezing.**

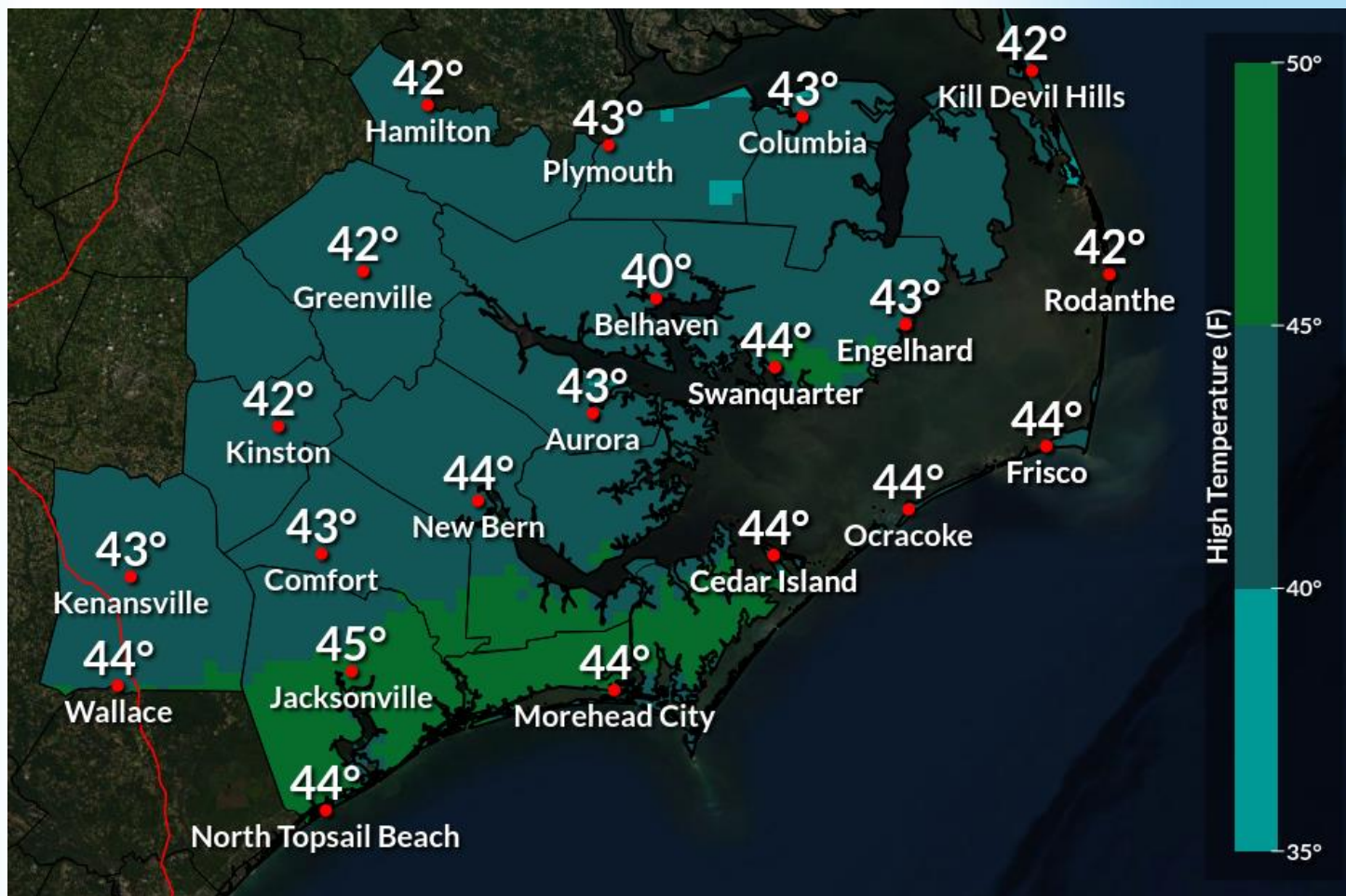
**Any wet
roads will ice
up. Black ice
a concern.**

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



Highs Sunday

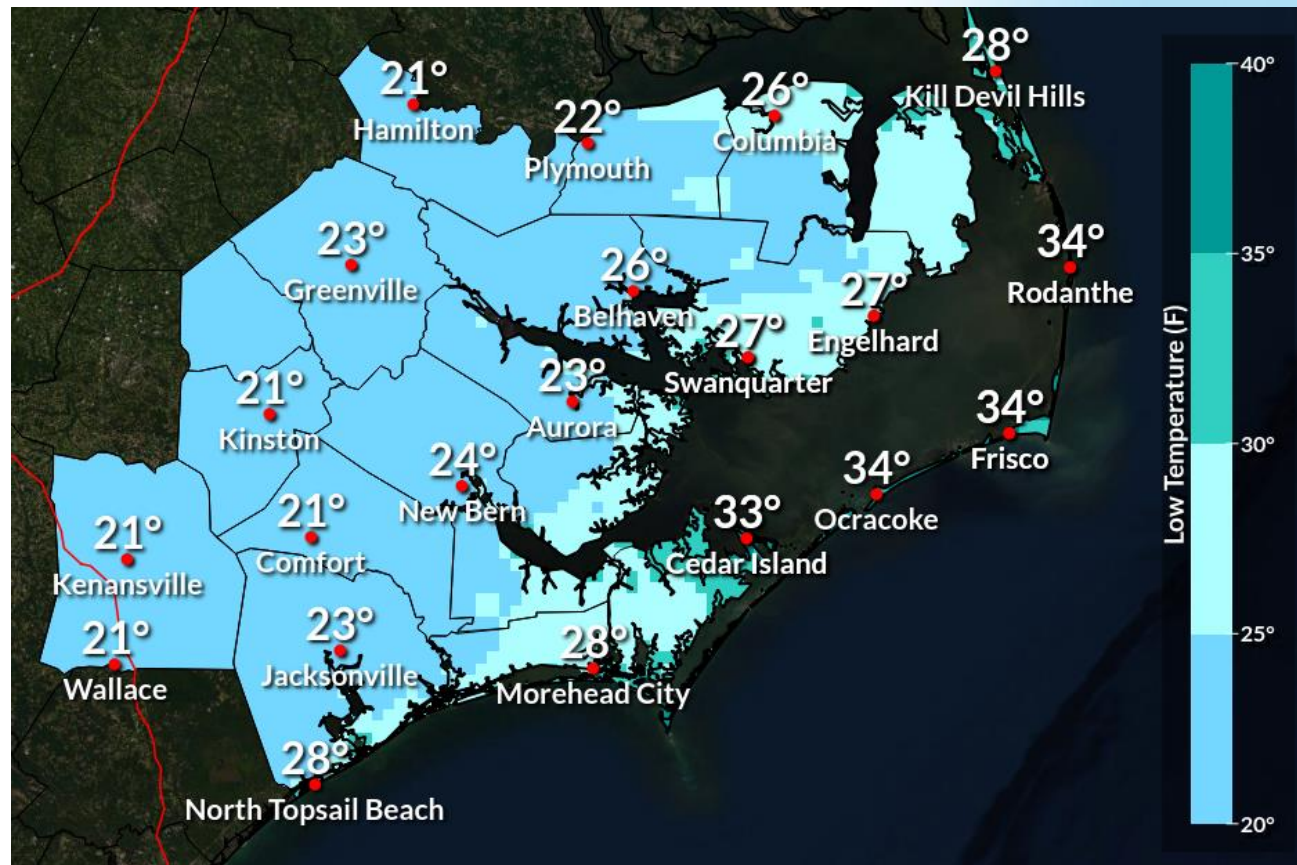
**Substantial
Melting
Sunday**



Lows Sunday Night

**Anything
leftover that
has not dried
out will
refreeze.**

**Cold
temperatures
an issue for
those without
power.**



Coastal Flooding (Sound Side)

Through Saturday Afternoon

Weather Forecast Office
Newport/Morehead City, NC

Issued Jan 21, 2022 1:36 PM EST



**1 To 2 Feet
Above
Ground
Level**

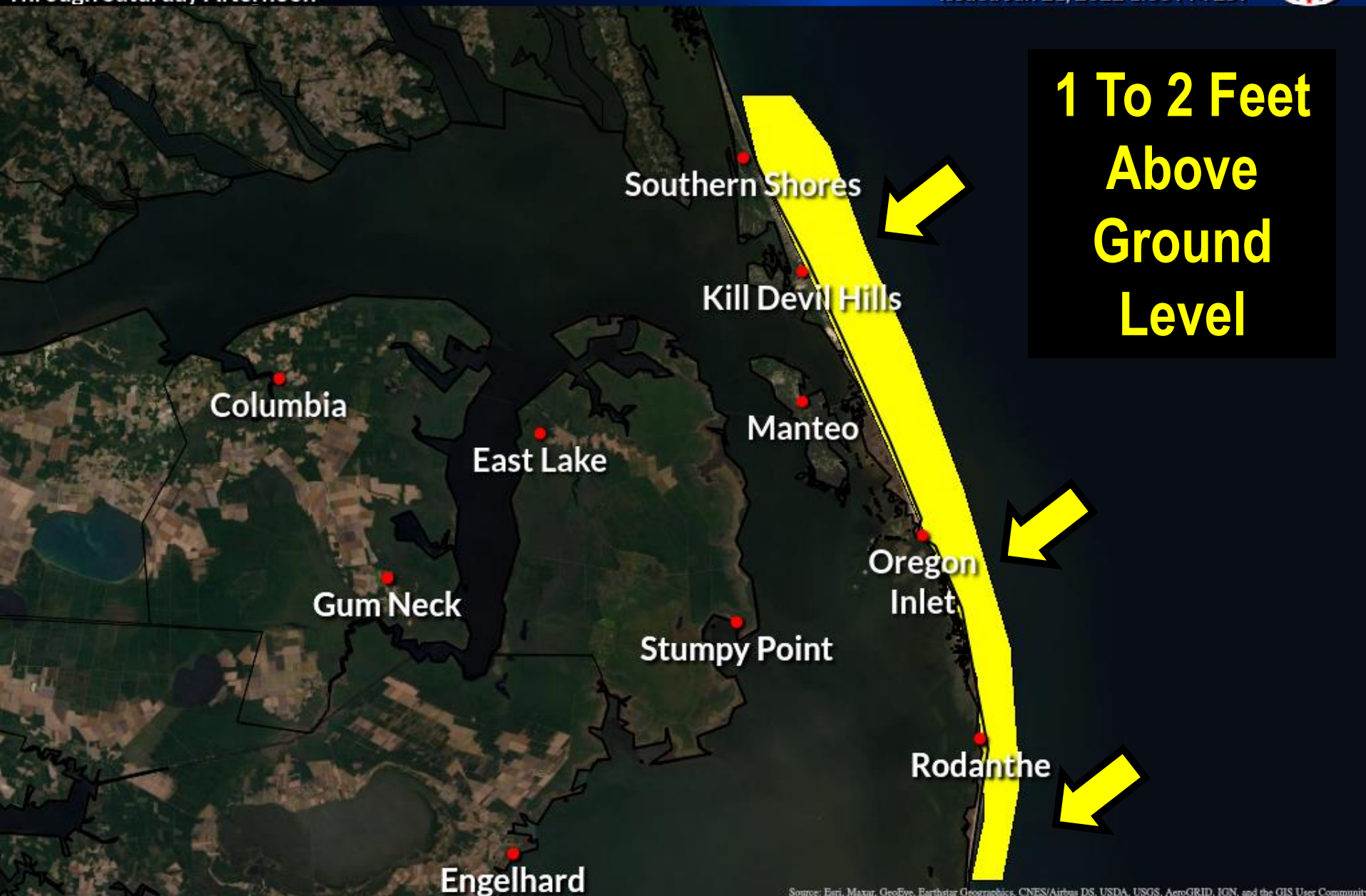
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Coastal Flooding (Ocean Side)

Through Saturday Afternoon

Weather Forecast Office
Newport/Morehead City, NC

Issued Jan 21, 2022 1:36 PM EST



**1 To 2 Feet
Above
Ground
Level**

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: Tonight through Early Saturday Morning



Significant icing expected. 0.25" to 0.50", locally higher, 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 well below freezing tonight. 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 especially north of Hwy 64. Light wintry mix becoming mostly snow by late evening and becoming heavy.

weather.gov/winter



Staying **warm** when the power is out



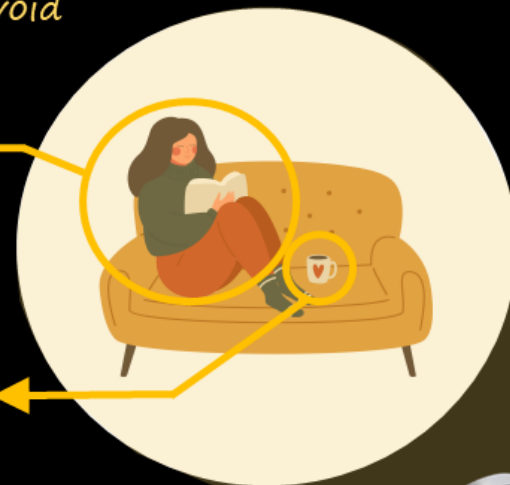
Close blinds or curtains to keep in some heat.

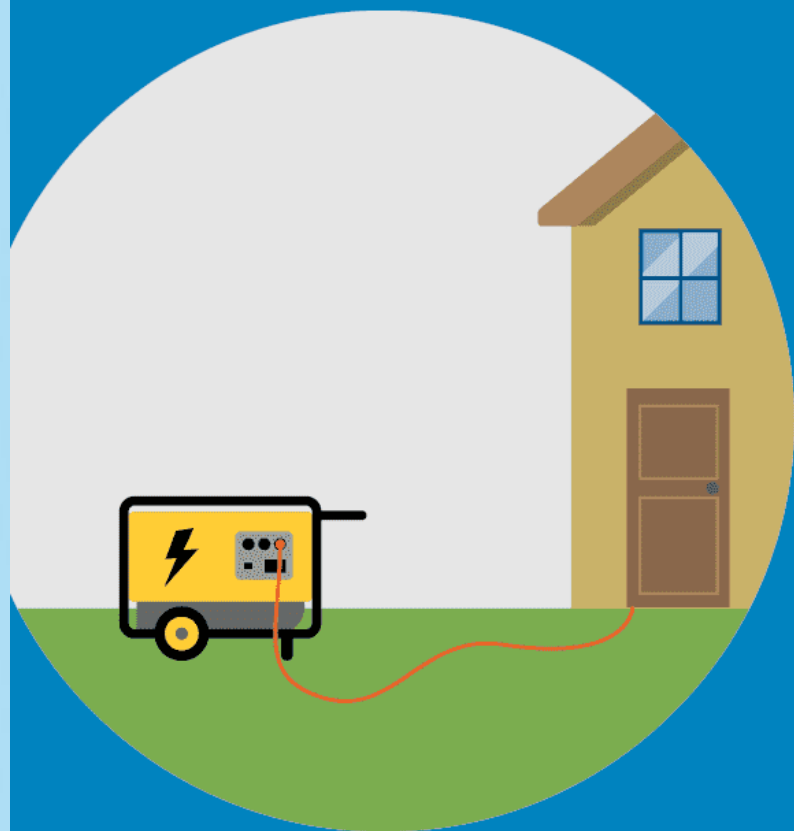
Close off rooms to avoid wasting heat.

Wear layers of loose-fitting, lightweight, warm clothing.

Eat and drink. Food provides energy to warm the body. Avoid caffeine and alcohol.

Stuff towels or rags in cracks under doors.





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.**



FEMA



U.S. Fire
Administration



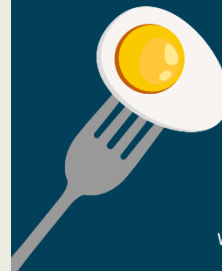
Food Safety During A Power Outage:

- Keep refrigerator and freezer doors **CLOSED**
- Refrigerators will only keep food cold enough for 4 hours. After that, throw it out!
- **NEVER** taste food to determine if it's safe to eat!
- **When in doubt, throw it out!**

Eat Safe Food after a Power Outage

During a power outage, keep refrigerator & freezer doors closed

⚡ If the doors stay closed, food will stay safe for up to:



www.cdc.gov/foodsafety



4
Hours in a
Refrigerator

48
Hours in a
FULL
Freezer



24
Hours in a
HALF-FULL
Freezer

CS310309-C

Eat Safe Food after a Power Outage

After a power outage, throw out perishable food in your refrigerator after 4 hours.

⚡ Check temperature of food in your freezer and in coolers. Throw out food above 40°F.

⚡ You can safely refreeze or cook thawed frozen food that still contains ice crystals or is at 40 °F or below.

When in doubt, throw it out.



www.cdc.gov/foodsafety



CS310309C

Contact and Next Briefing Information



Next Briefing
This Will Be The Last Briefing

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



Web:

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



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 11 PM Tonight*