



Winter Weather and Cold Briefing

January 21, 2025
2:55 PM

For Eastern North Carolina

Decision Support Briefing #8

NEW

Important Updates

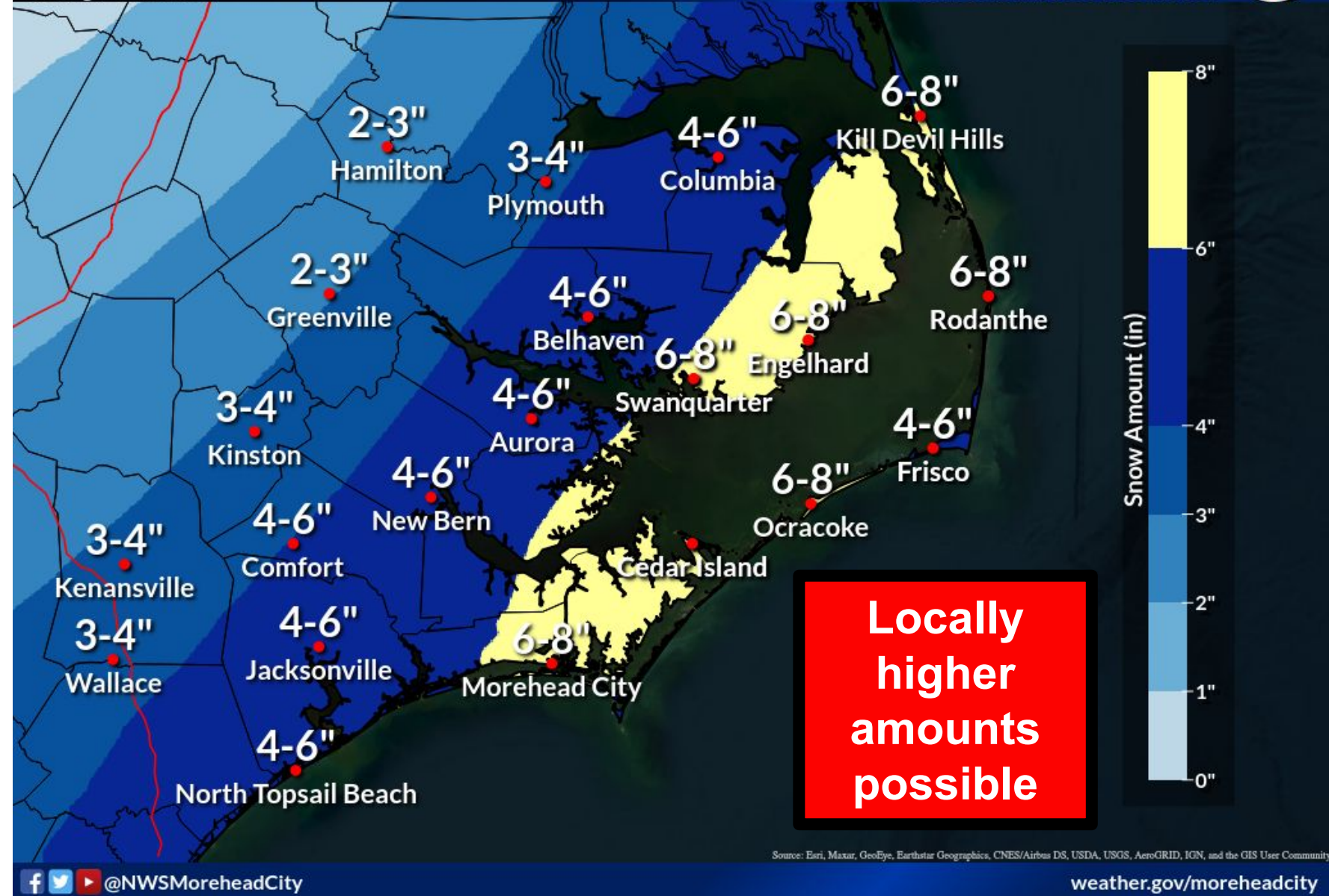
- Blowing and drifting snow is expected. Brief blizzard conditions possible, especially along the Outer Banks.
- Driving will become very difficult during the peak of the storm.
- Snow starts accumulating after sunset.
- High confidence brutal cold will last over much of the upcoming week.

Expected Total Snowfall

Through Tomorrow

Weather Forecast Office
Newport/Morehead City, NC

Issued Jan 21, 2025 2:20 PM EST



**Locally
higher
amounts
possible**

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

[f](#) [t](#) [v](#) @NWSMoreheadCity

weather.gov/moreheadcity



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce







National Weather Service
Newport/Morehead City, NC



Threat Levels/Timing - Max Values

January 21, 2025
2:55 PM

For Eastern North Carolina

	Tue		Tue Night		Wed		Wed Night		Thu		Thu Night	
Hazardous Travel 	0	0	3	4	4	3	3	3	2	1	2	2
Snow/Sleet 	0	1	3	4	2	0	0	0	0	0	0	0
Freezing Rain/Ice 	0	0	0	0	0	0	0	0	0	0	0	0
Black Ice 	0	0	1	2	2	2	2	2	2	1	2	2
Wind 	0	0	1	2	2	1	1	0	0	0	0	0
Cold/Wind Chills 	3	2	2	3	3	2	2	3	3	2	1	1

Effects and Impacts Legend

- 0** Little to No Impact
- 1** Minor Impact
- 2** Moderate Impact
- 3** High Impact
- 4** Extreme Impact

Key Messages

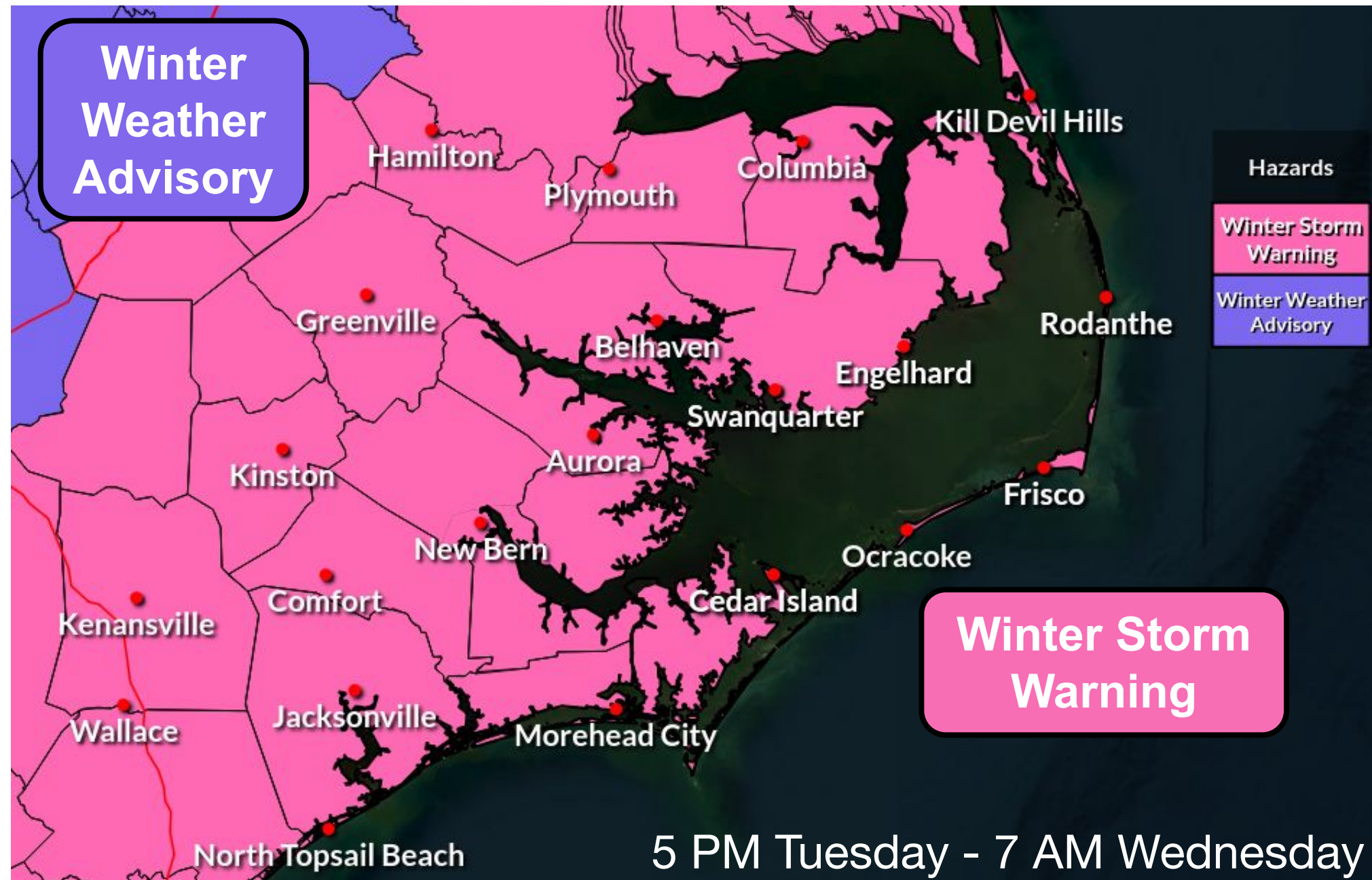
- Continue to monitor future updates and do not anchor on one forecast!
- Visit weather.gov/mhx or weather.gov/forecastpoints for the latest timing and amounts at your location!



Winter Storm Headlines

January 21, 2025
2:55 PM

Tuesday Evening through early Wednesday



- Winter Storm Warning
- Persons should consider delaying all travel, as whiteout conditions are expected at times.
- Motorists should use extreme caution if travel is absolutely necessary.
- Widespread snow is expected across eastern North Carolina.

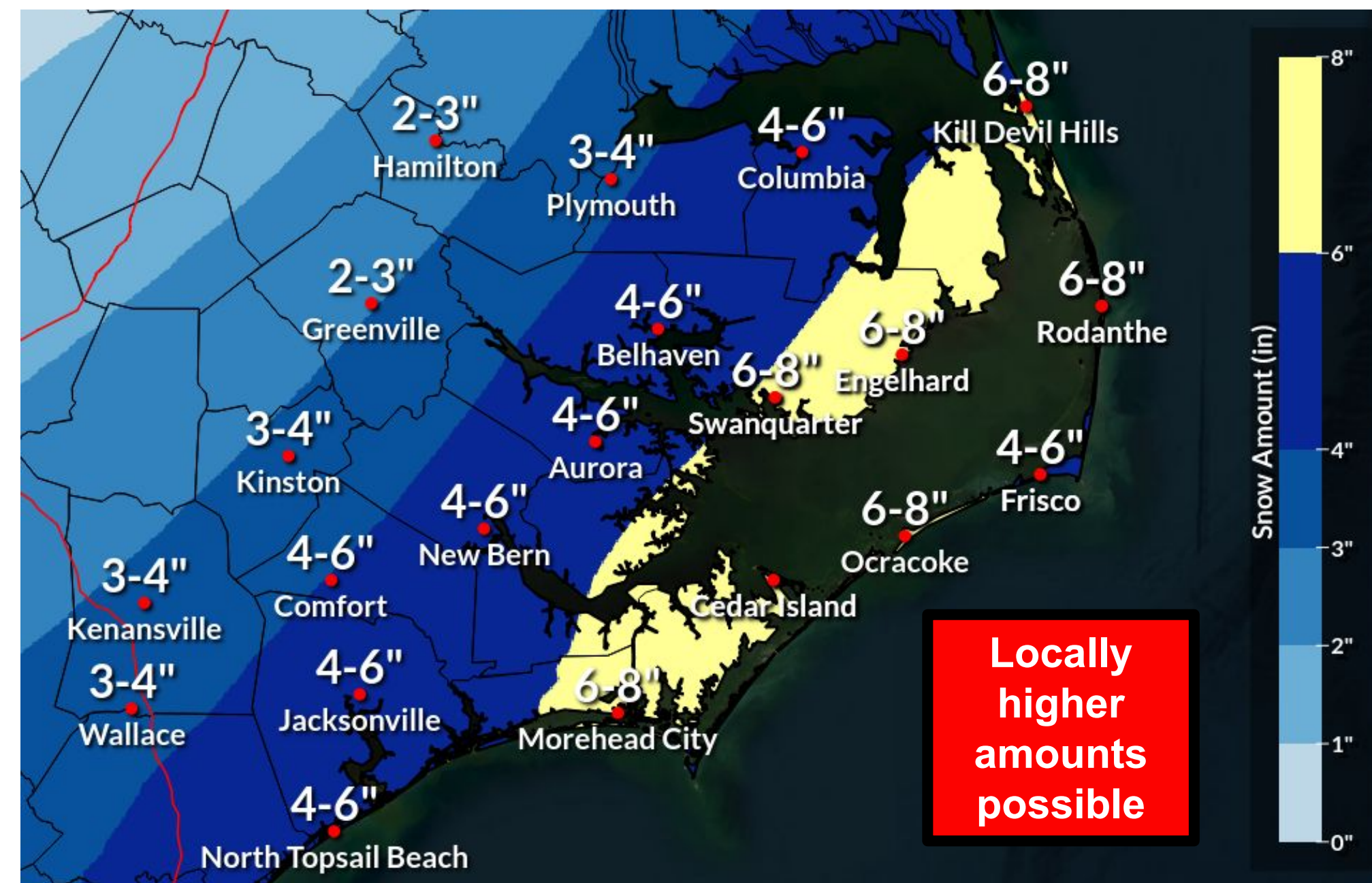




Expected Storm Total Snowfall

January 21, 2025
2:55 PM

Tuesday Evening Through Early Wednesday



- Blowing and drifting snow expected, possible near-blizzard conditions especially Outer Banks.
- Biggest impact overnight tonight through sunrise Wednesday morning.
- Accumulating snow likely on roads due to air and ground temperatures well below freezing.

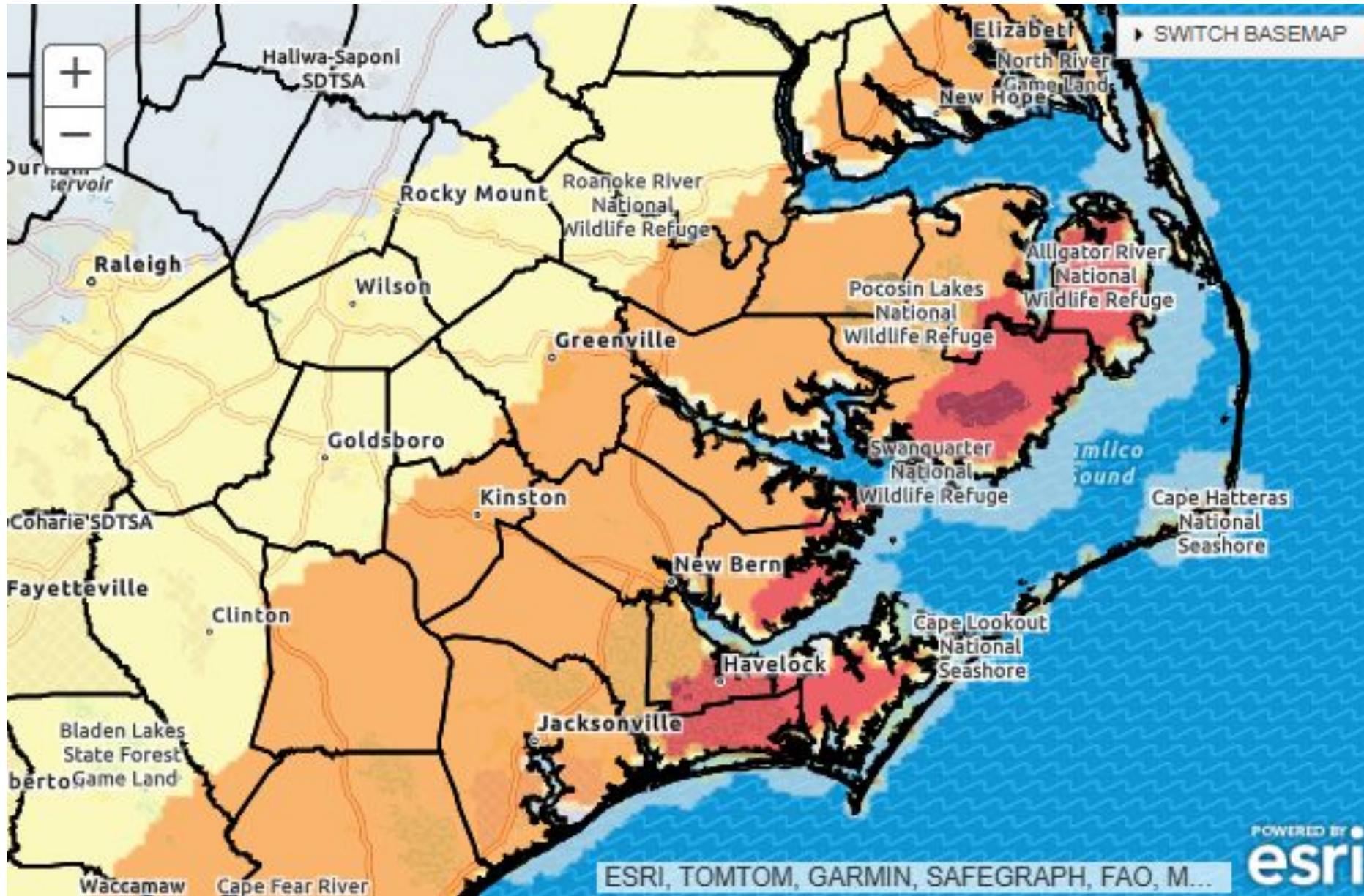




Winter Storm Severity Index

January 21, 2025
2:55 PM

Tonight into early Wednesday



Potential Winter Storm Impacts	
	<p>Winter Weather Area Expect Winter Weather.</p> <ul style="list-style-type: none"> • Winter driving conditions. Drive carefully.
	<p>Minor Impacts Expect a few inconveniences to daily life.</p> <ul style="list-style-type: none"> • Winter driving conditions. Use caution while driving.
	<p>Moderate Impacts Expect disruptions to daily life.</p> <ul style="list-style-type: none"> • Hazardous driving conditions. Use extra caution while driving. • Closures and disruptions to infrastructure may occur.
	<p>Major Impacts Expect considerable disruptions to daily life.</p> <ul style="list-style-type: none"> • Dangerous or impossible driving conditions. Avoid travel if possible. • Widespread closures and disruptions to infrastructure may occur.

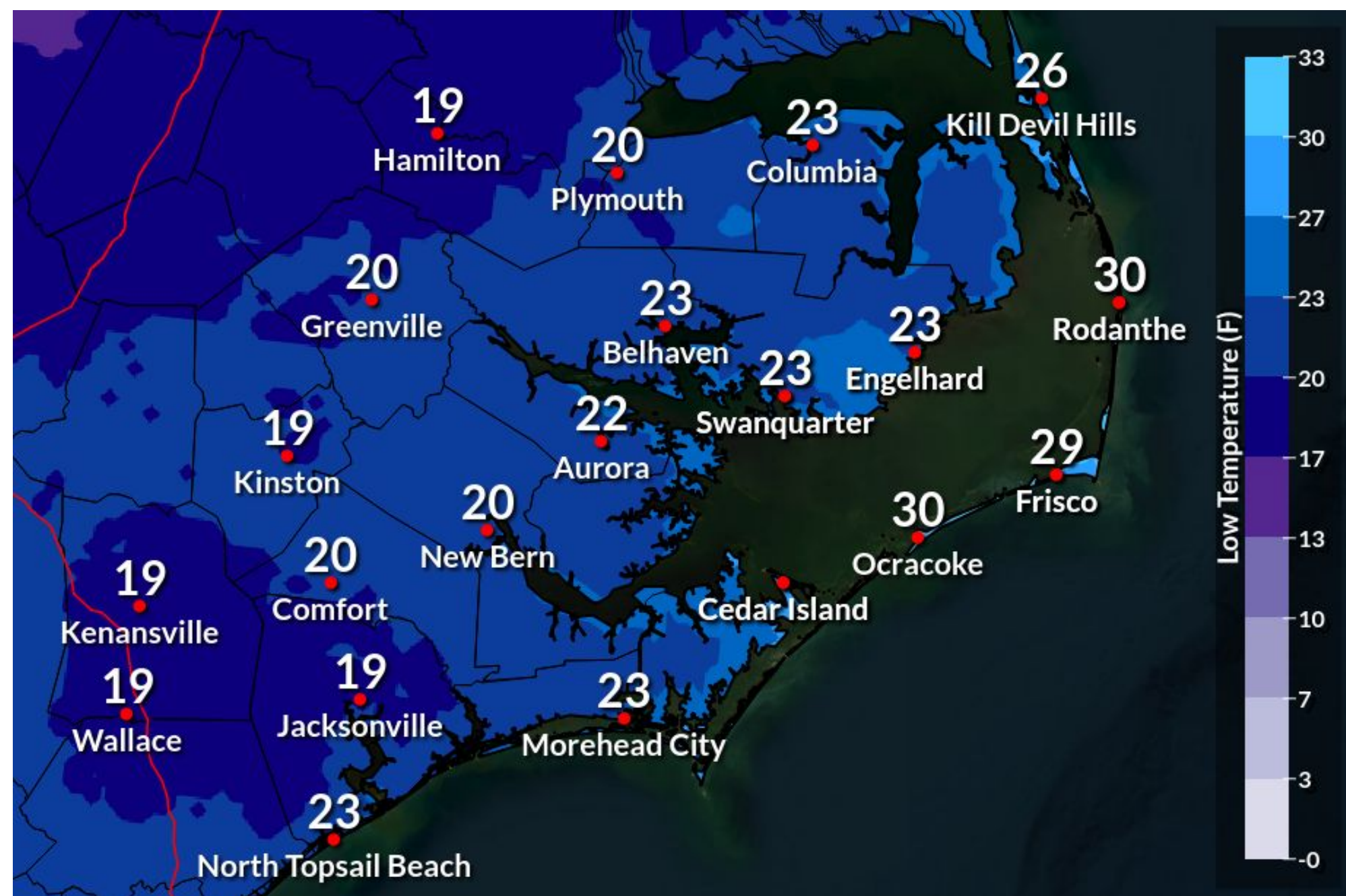




Low Temperature Forecast

January 21, 2025
2:55 PM

Wednesday Morning



- Anything that melts during the daytime, will re-freeze into black ice at night.
- Prolonged period of cold weather may lead to frozen pipes. Breezy conditions may exacerbate this.
- If outside use caution and wear appropriate clothing, a hat, and gloves.

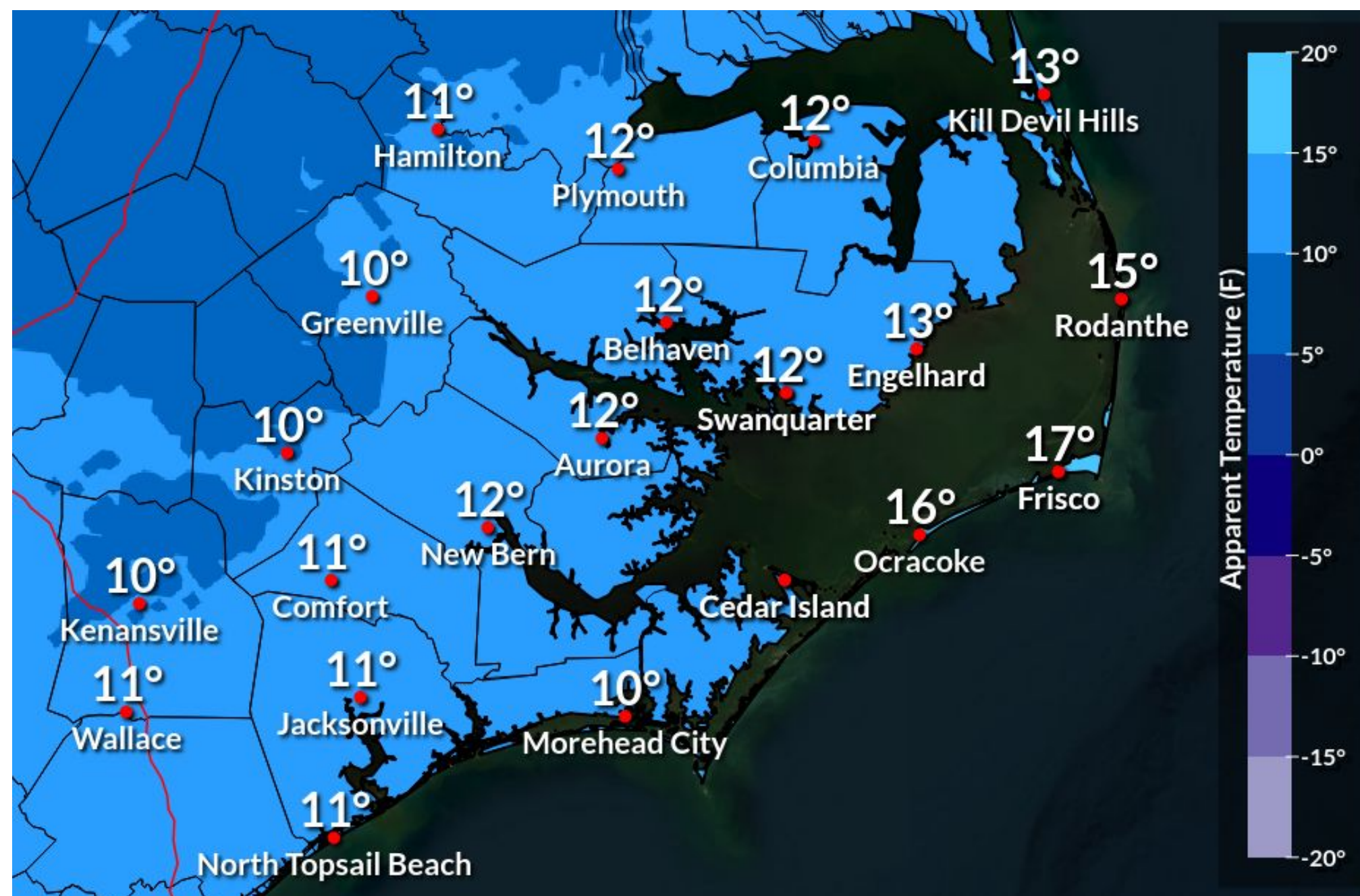




Wind Chill Temperature Forecast

January 21, 2025
2:55 PM

Wednesday Morning (What It Feels Like)



- Dangerously cold wind chills through Thursday morning.
- Dangerously cold wind chills could cause frostbite on exposed skin.
- Don't forget about your pets.

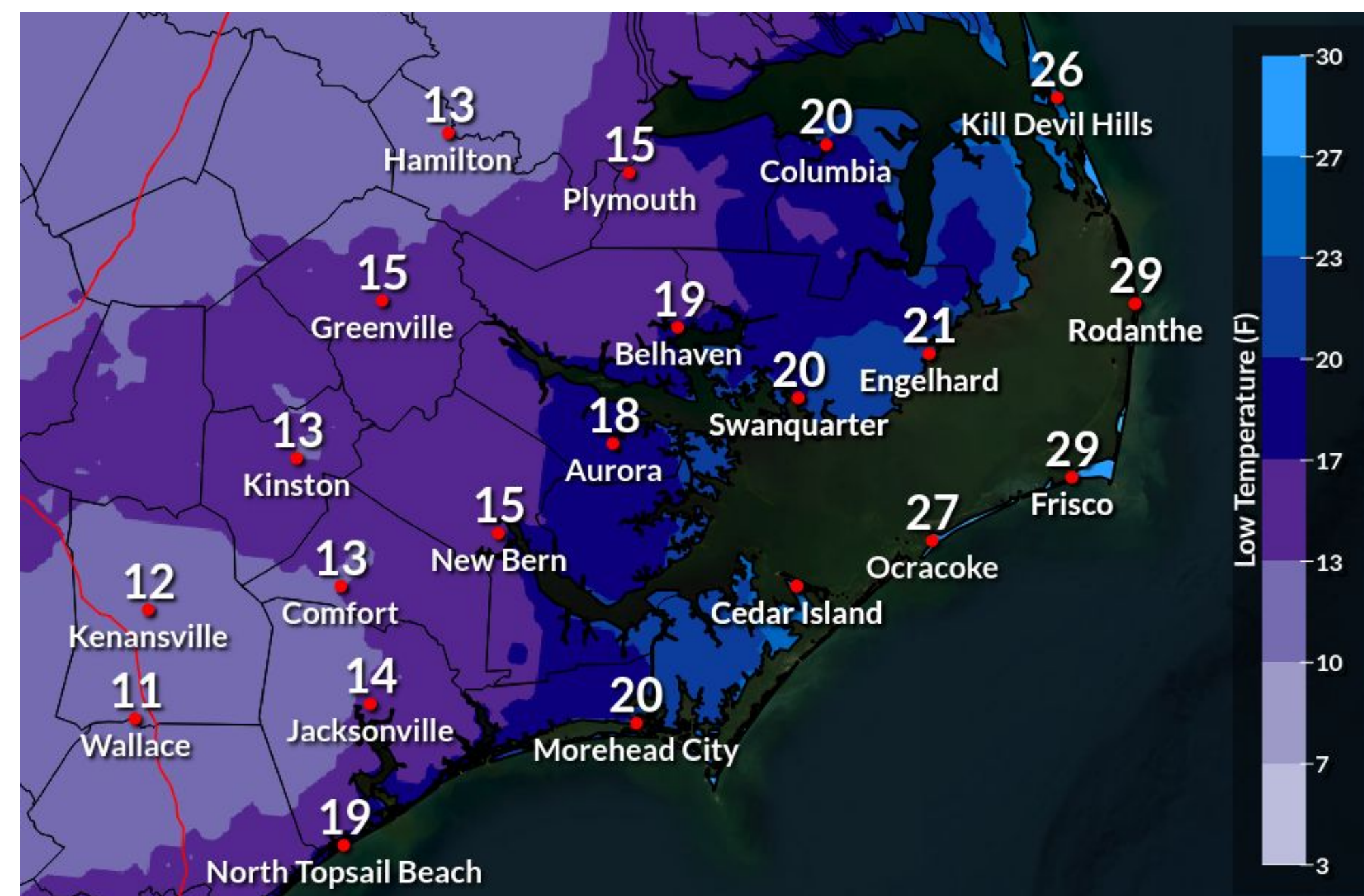




Low Temperature Forecast

January 21, 2025
2:55 PM

Thursday Morning



- Multiple mornings in the teens through Thursday.
- Anything that melts during the daytime, will re-freeze into black ice at night.
- If outside use caution and wear appropriate clothing, a hat, and gloves.

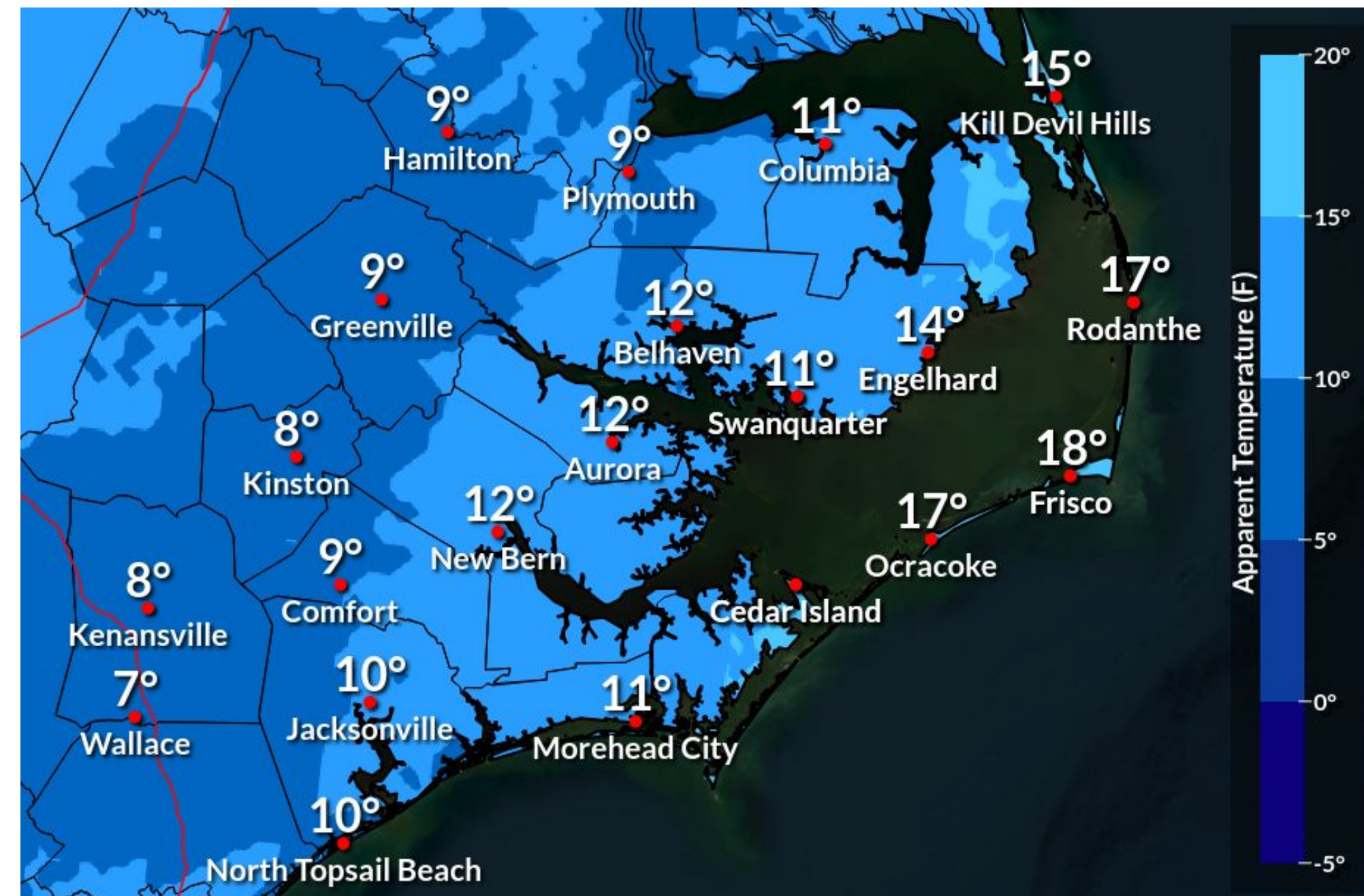




Wind Chill Temperature Forecast

January 21, 2025
2:55 PM

Thursday Morning (What It Feels Like)



- Dangerously cold wind chills through Thursday morning.
- Dangerously cold wind chills could cause frostbite on exposed skin.
- Don't forget about your pets.



SHOVEL SMART!



Shoveling heavy, wet snow can cause back injuries and heart attacks. Don't push yourself!



Dress warmly, making sure to cover your head, fingers and toes.



Stay hydrated, but avoid heavy meals right before or after shoveling.



Move only small amounts of snow with each pass of the shovel.



Take frequent breaks.
Stop shoveling entirely if you feel exhausted!

weather.gov



Ice and Snow, Take it Slow

70% of snow and ice-related injuries occur in automobiles

Leave extra space between you and the vehicle in front of you



weather.gov/winter



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Newport/Morehead City, NC

DON'T FORGET YOUR PETS



Even with a natural fur coat,
winter can be deadly for your pets
unless proper care is given.



Keep them warm and dry,
and indoors whenever possible.



Provide plenty of food and water.
Dehydration is especially dangerous in winter.



When outside, keep them bundled up.
Limit outside time, and thoroughly clean
(including paws) when bringing them in



weather.gov



DRESSING FOR COLD WEATHER



adding layers will help keep you warm as the temperature drops

CHILLY



COLD



EXTREME COLD



weather.gov/safety





Contact and Next Briefing Information

January 21, 2025
2:55 PM

For National Weather Service Newport / Morehead City

Contact Information

Web (specific timing and info)

→ weather.gov/mhx or
weather.gov/forecastpoints

Phone

→ 252 223 5737

Email

→ wxobs.mhx@noaa.gov

Facebook

→ www.facebook.com/NWSMoreheadCity

Twitter

→ www.twitter.com/NWSMoreheadCity



Briefing Webpage

→ weather.gov/media/mhx/LatestBriefing.pdf



Next Briefing

→ This will be the last briefing for this storm.



Disclaimer

→ Information contained in this briefing is
time-sensitive

