



Winter Storm Briefing

For Eastern North Carolina

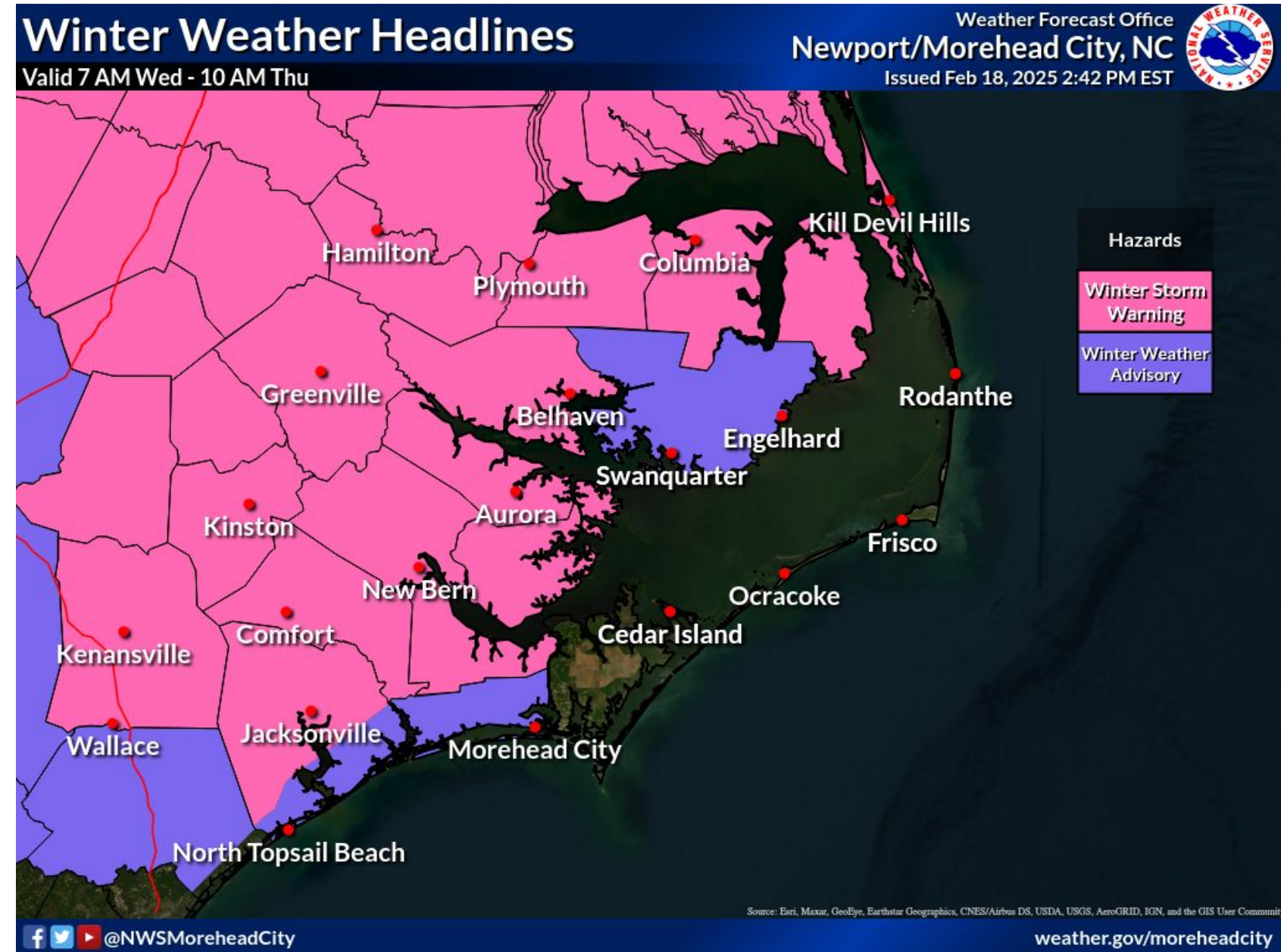
February 18, 2025
3:05 PM

Decision Support Briefing #4

→ As of 3:15 PM Tuesday, February 18th, 2025

NEW Important Updates

- Winter Storm Warning now in effect for Mainland Dare county and the Northern Outer Banks
- Winter Weather Advisory now in effect for Mainland Hyde county
- **Uncertainty remains in the forecast, especially for snowfall amounts north of US 264**





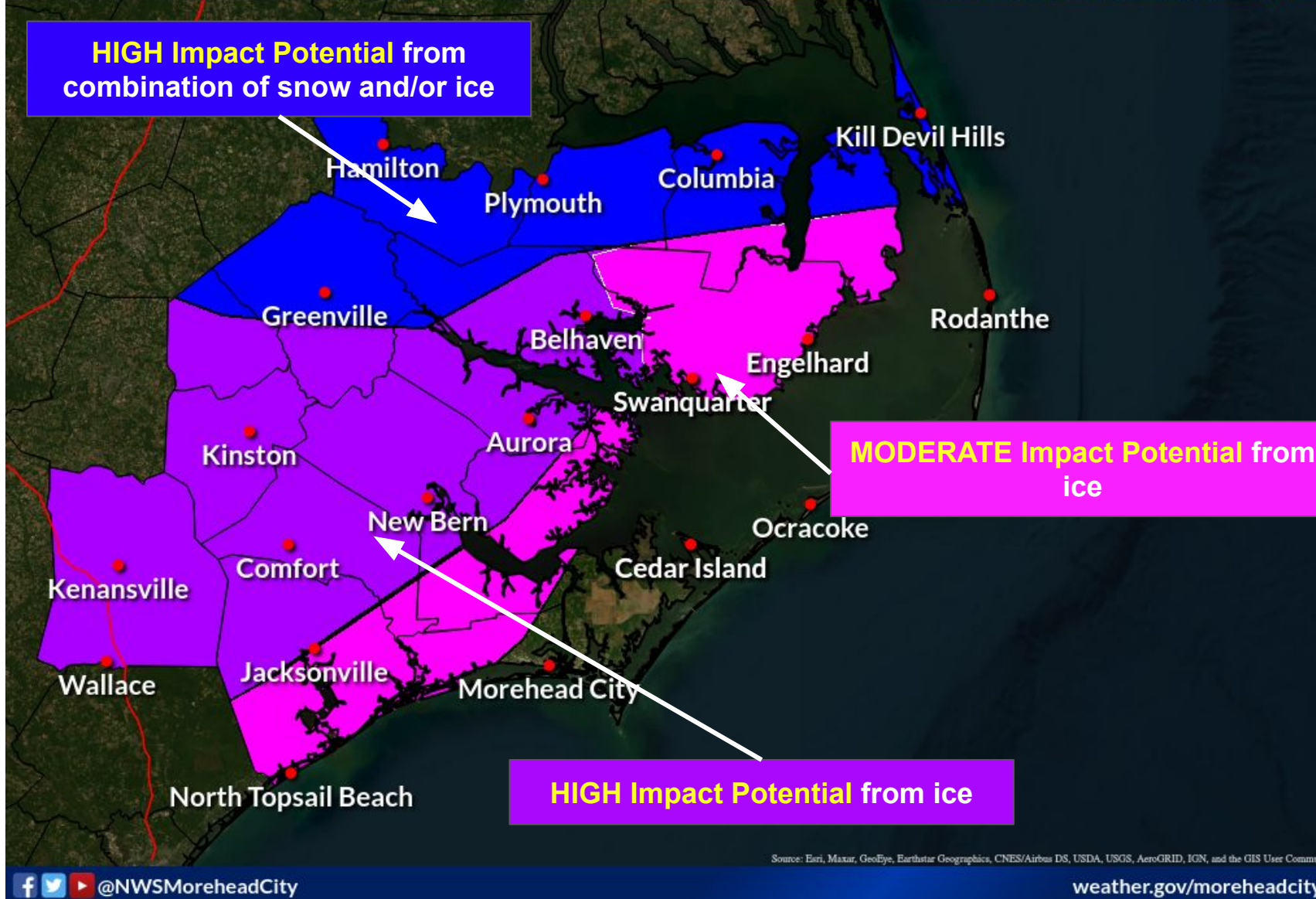
Event Overview

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Winter Storm Impact Potential

Wednesday Morning through Thursday Morning

Weather Forecast Office
Newport/Morehead City, NC
Issued Feb 18, 2025 2:34 PM EST



Key Messages

- Complex winter storm will impact ENC Wednesday & Thursday
- Best chance of snow is north of US 264
- Best chance of ice is along and west of US 17
- Low-to-moderate impacts from snow and/or ice possible elsewhere



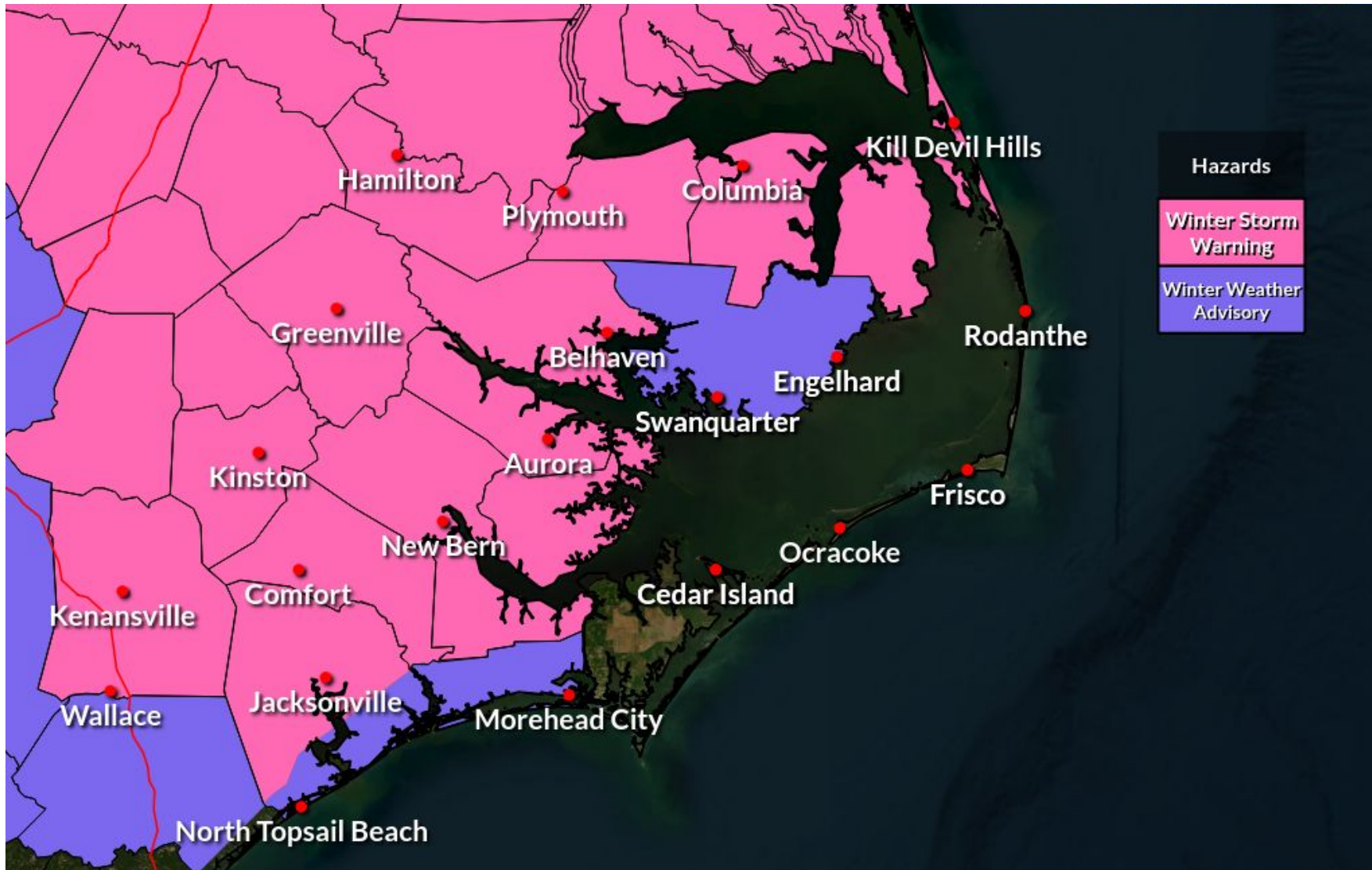
National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Newport/Morehead City, NC



Winter Storm Headlines

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- Biggest impacts Wednesday morning through Thursday morning
- Winter Storm Warning covers areas most likely to see impactful snow and/or ice
- Winter Weather Advisory remains where light accumulations and lesser impacts are expected





Threat Levels/Timing - Max Values

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For Eastern North Carolina

	Tues Night		Wednesday		Wed. Night		Thursday		Thurs. Night	
Hazardous Travel	0	0	1	2	3	3	2	1	2	2
Snow	0	0	1	3	3	2	1	0	0	0
Ice	0	0	1	3	3	2	0	0	0	0
Rain/Flood	0	0	1	1	1	1	1	1	0	0
Marine	0	0	1	2	3	3	2	1	1	1

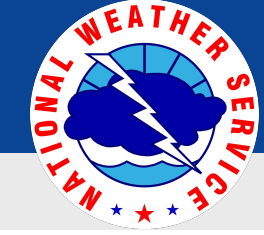
Effects and Impacts Legend

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

Key Messages

- Timing and threat levels are based on the most likely or current track. **These are subject to CHANGE.**
- Continue to monitor future updates and do not anchor on one forecast!





Timeline of Wintry Precipitation

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Don't see your town listed? Visit weather.gov/moreheadcity for your location!

	Wed 6A-12P	Wed 12-6 PM	Wed 6P-12A	Thurs 12-6 AM	Thurs 6A-12P
New Bern	Green	Orange	Orange	Orange	Blue
Greenville	Orange	Orange	Orange	Orange	Blue
Kinston	Orange	Orange	Orange	Orange	Blue
Jacksonville	Green	Orange	Orange	Orange	Blue
Morehead City	Green	Green	Green	Orange	Orange
Hatteras	Green	Green	Green	Green	Orange

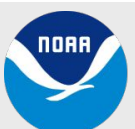
What We Know

- Highest threat for snow and/or ice will be along and west of US 17 and north of US 264.
- The majority of the event will be Wednesday and Wednesday night.

Uncertainties

- Precipitation types and amounts are dependent on the storm track and **MAY CHANGE** dramatically from town to town, especially as you go inland away from the coast.
- There is potential for higher snow totals north of US 264 and areas near the Albemarle Sound.

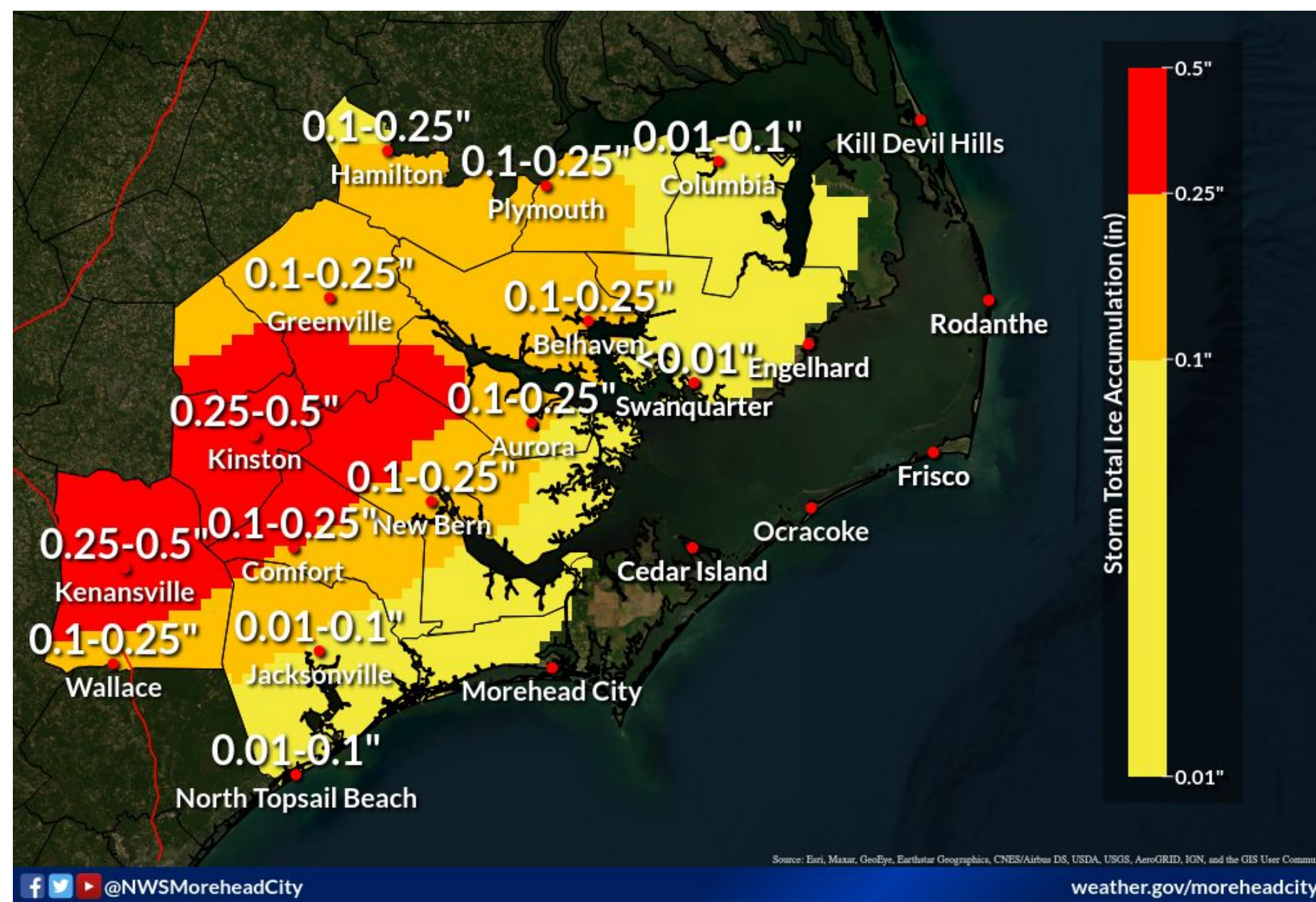
Precipitation Type	Snow	Snow/Ice/Sleet	Rain	None
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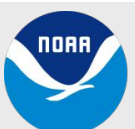


Expected Storm Total Ice

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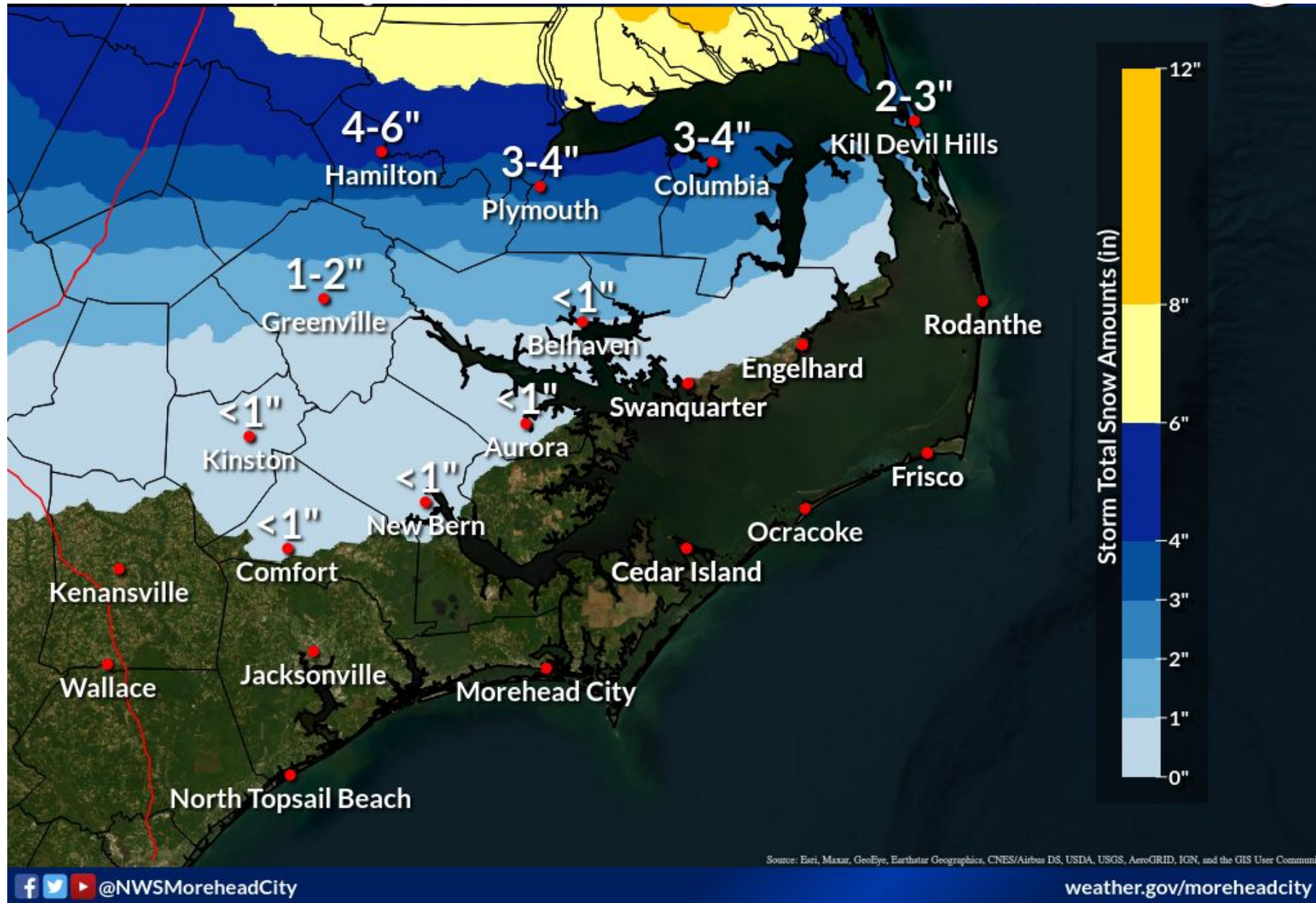
- Forecast amounts have **changed little** from the last update
- Biggest impact tomorrow morning through Wednesday night
- Heavier icing is most likely along and west of US 17
- **A small amount of ice can have a big impact, especially on bridges and overpasses**





Expected Storm Total Snow

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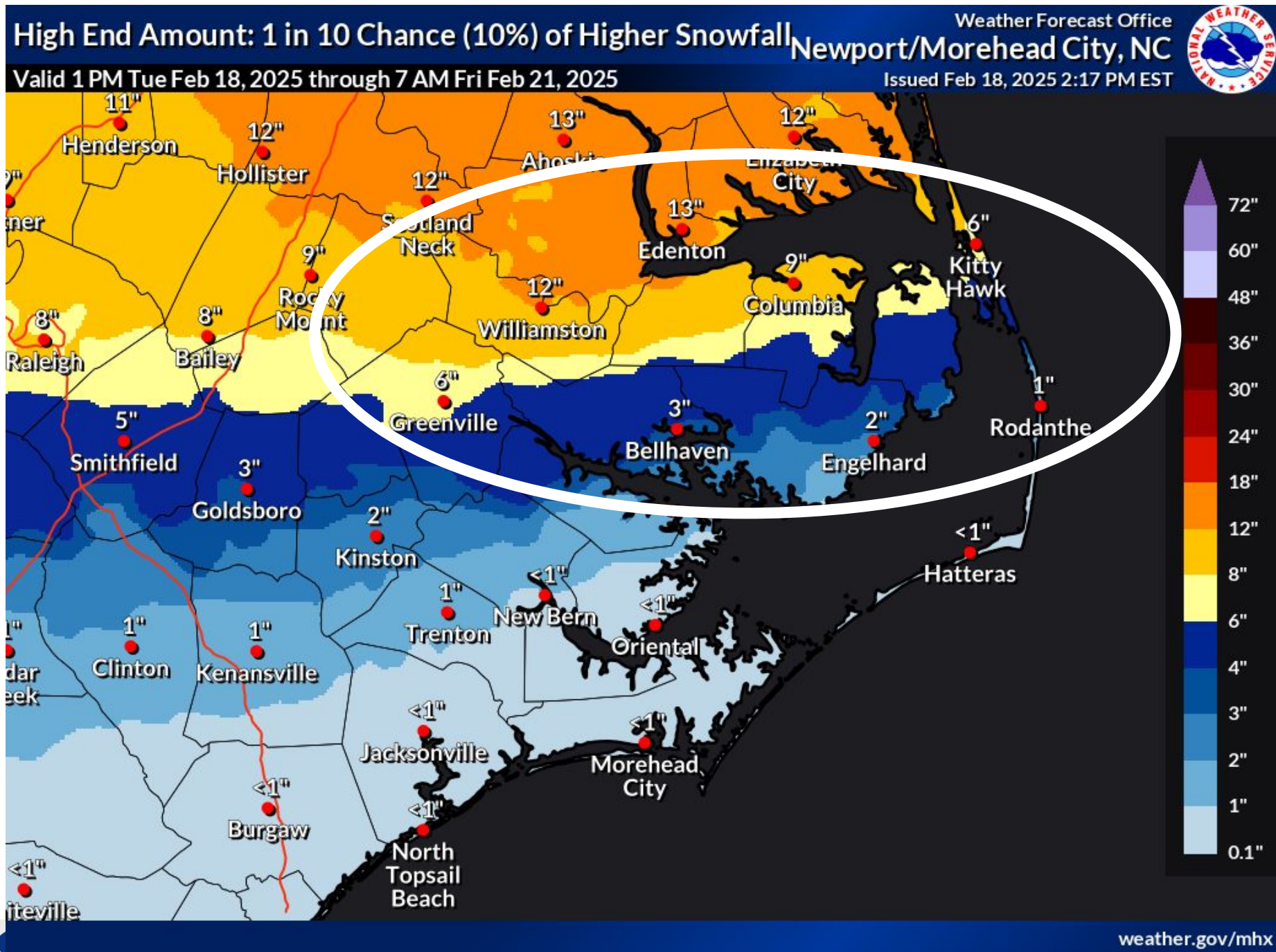
- Forecast amounts have **increased slightly** for areas near the Albemarle Sound since the last update.
- Generally, there is potential for higher snowfall totals north of US 264.
- Biggest impact late Wednesday into Thursday morning.
- Accumulating snow and ice possible on roads due to lingering cold air.





A "Worst Case Scenario" High End Snowfall

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→ **I**f a colder solution were to take place, these are the high end snowfall totals. In other words this is the maximum amount of snow possible with this storm.

→ Areas from Greenville east to the Northern Outer Banks have the best chances to see these high end snow totals due to their location relative to the low pressure system.

Prepare Your Home for Winter Weather!

Winter storms can knock out power and keep you from traveling for days



Keep enough non-perishable food, water and medications for at least 3 days



Ensure you have warm clothing and blankets



Make sure you have an updated first aid kit

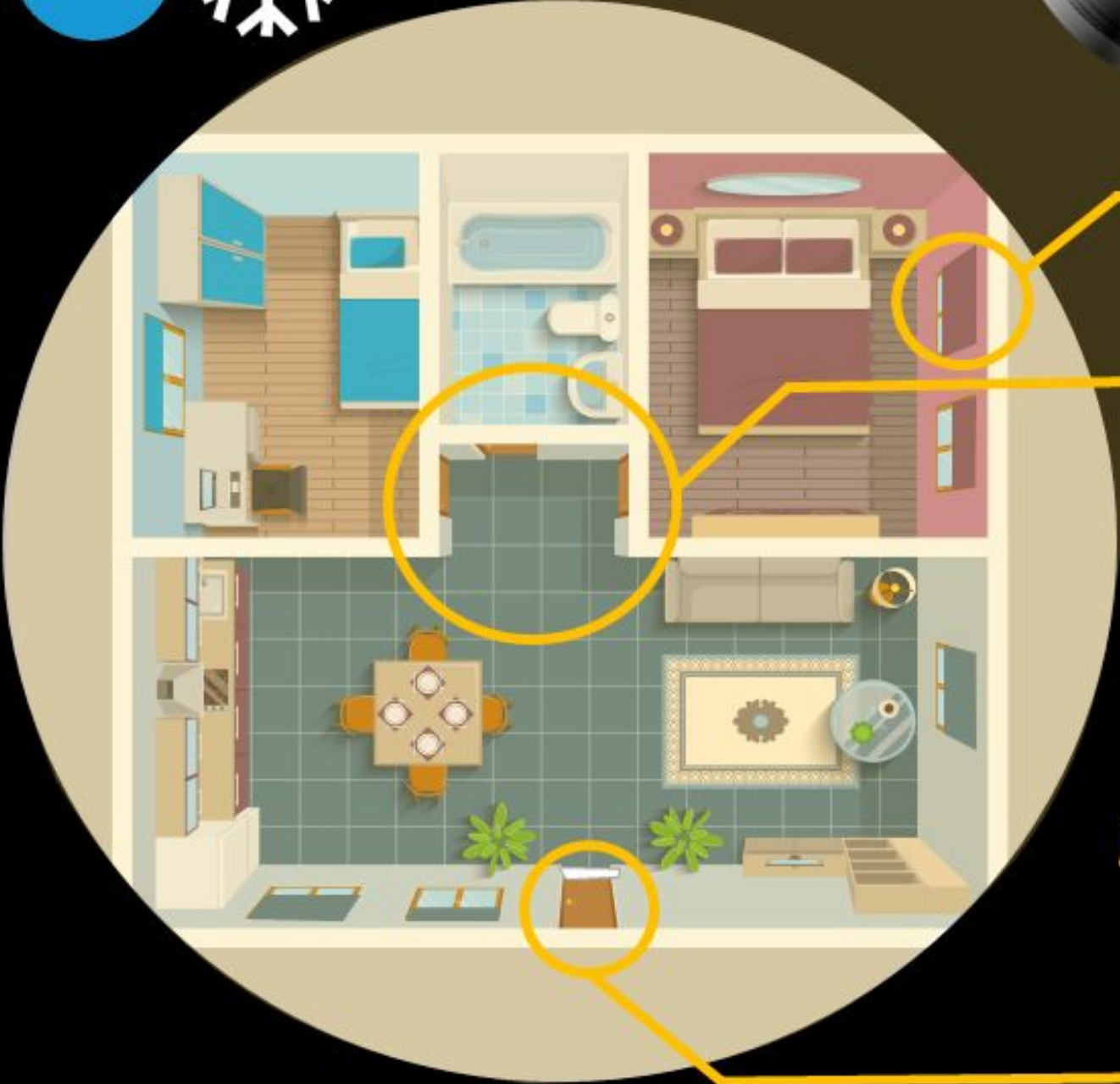


Charge your phone in advance and check for Wireless Emergency Alerts





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.





Contact and Next Briefing Information

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For National Weather Service Newport / Morehead City



Briefing Webpage

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



Next Briefing

→ By 9:00 AM Wednesday, February 19th
→ Method: Email



Disclaimer

→ Information contained in this briefing is time-sensitive
→ Do Not Use After: 9:00 AM Wednesday, February 19th



Contact Information

Web

→ weather.gov/mhx

Phone

→ 252 223 5737

Email

→ wxobs.mhx@noaa.gov

Facebook

→ www.facebook.com/NWSMoreheadCity

Twitter

→ www.twitter.com/NWSMoreheadCity

