



Winter Weather Briefing

For Central NC

February 10, 2025
3:41 PM

...Light wintry weather event Tuesday along and north of I-85 and counties near the VA border...

Decision Support Briefing #1

→ As of 3:30 PM, Monday, February 10, 2025

NEW

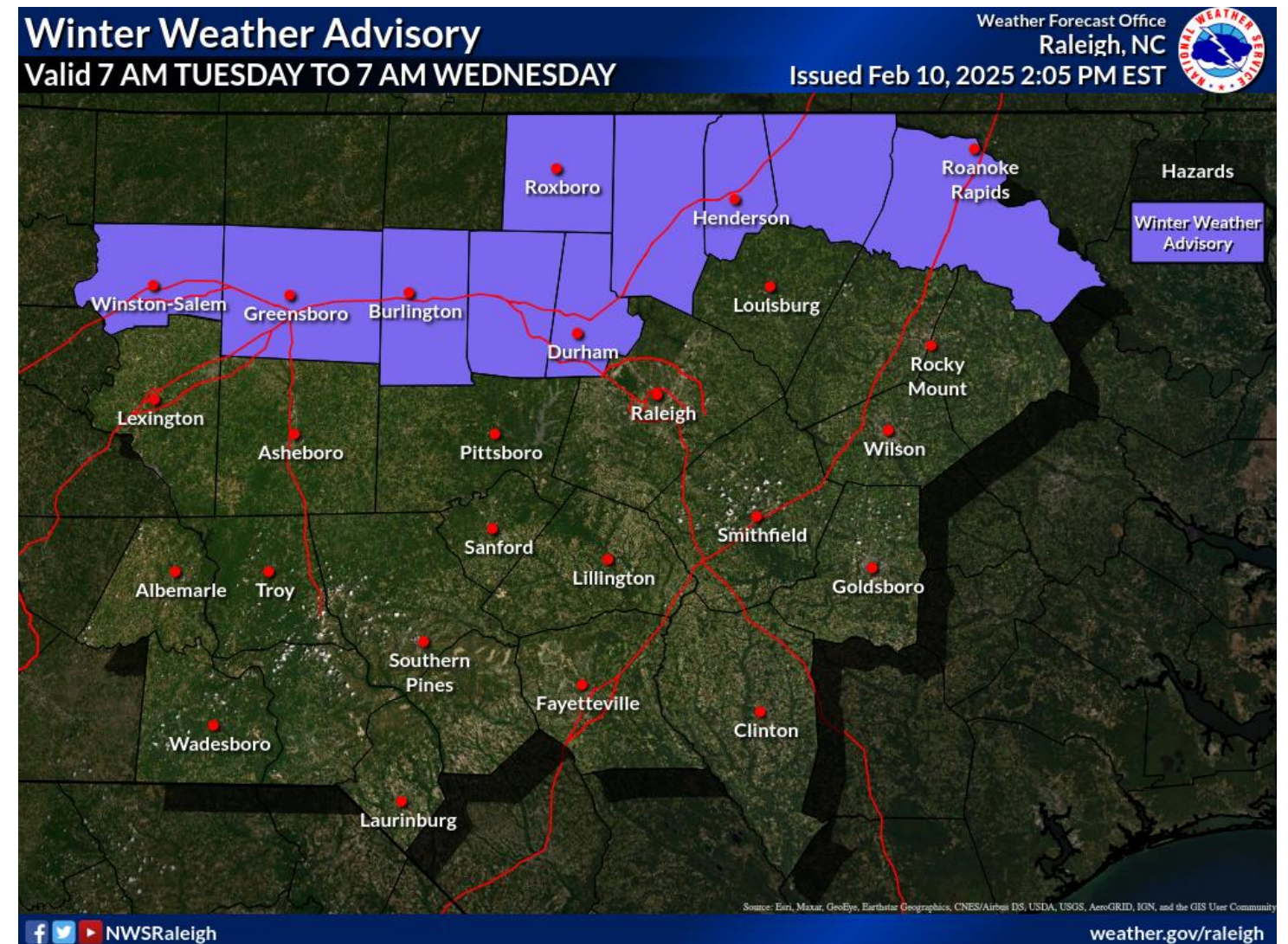
Important Updates

→ ...WINTER WEATHER ADVISORY IN EFFECT FROM 7 AM TUESDAY TO 7 AM EST WEDNESDAY...

Be sure to visit

<https://weather.gov/Raleigh/Winter>

For more details and all the latest updates to the snowfall maps shown in this briefing



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

National Weather Service
Raleigh, NC



Summary of Greatest Impacts

February 10, 2025
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Key Messages:





- A winter weather advisory is in effect Tuesday into Tuesday night for portions of north-central NC. Areas along and north of Interstate 85 and counties along the VA border are the locations most likely to see this brief period of mixed wintry weather.
- Light mixed wintry precipitation expected to occur from around daybreak Tuesday through the evening hours.
- Total sleet accumulations of a trace to under one half inch and ice accumulations of a trace to less than one tenth of an inch are possible.
- Travel impacts will be limited to bridges and overpasses, where a few slick or icy spots are possible. Ice amounts will be too light to snap tree branches or result in power outages.
- The models have been inconsistent from run to run regarding the amount of cold air, amount of wintry precip, and timing; thus, **our forecast confidence for this winter event is lower than usual.**
- **Keep in mind that ANY amount of freezing rain triggers a winter weather advisory in this part of the state, even trace amounts. So while this event will have limited impacts, any amount of freezing rain triggers an advisory.**





Hazards, Impacts, Locations, and Timing

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3:41 PM

Hazard		Impacts	Location	Timing
Sleet		<i>No snow is expected</i> , but a period of light sleet is possible	Along and north of I-85 and counties near the VA border	Daytime Tuesday, perhaps lingering into the evening.
Freezing rain		Trace amounts of ice up to 1/10 inch of ice accumulation is possible.	Along and north of I-85 and counties near the VA border	Daytime Tuesday, perhaps lingering into the evening.
Power Outages		Amounts will be too light for power outages.		
Travel Hazards		Bridges and elevated surfaces may become slick and icy in spots. Use caution if traveling!	Along and north of I-85 and counties near the VA border	Daytime Tuesday, perhaps lingering into the evening.

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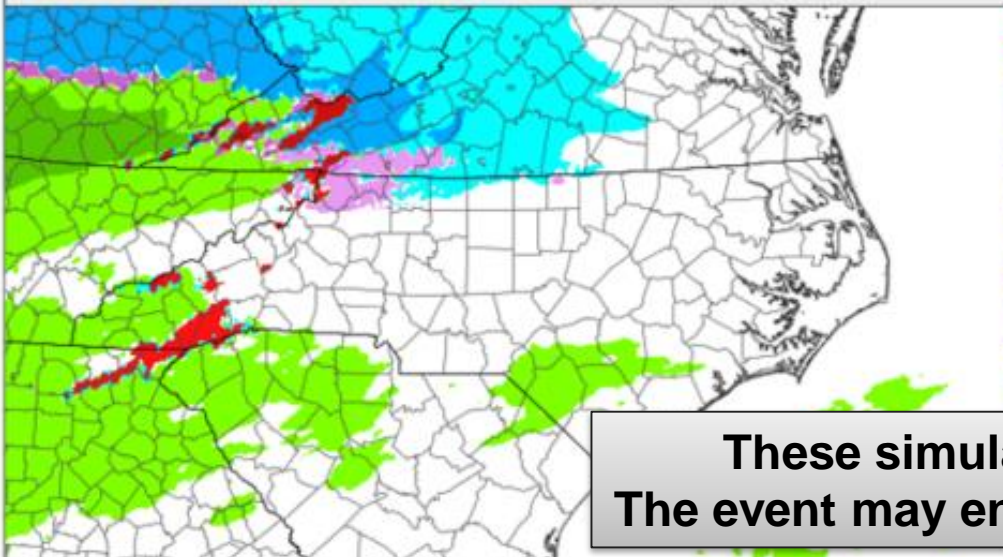


Radar simulation and precip type for the indicated times

February 10, 2025

This simulation is provided to show an approximate forecast for precip timing, NOT intensity.

10 AM Tuesday



1 PM Tuesday

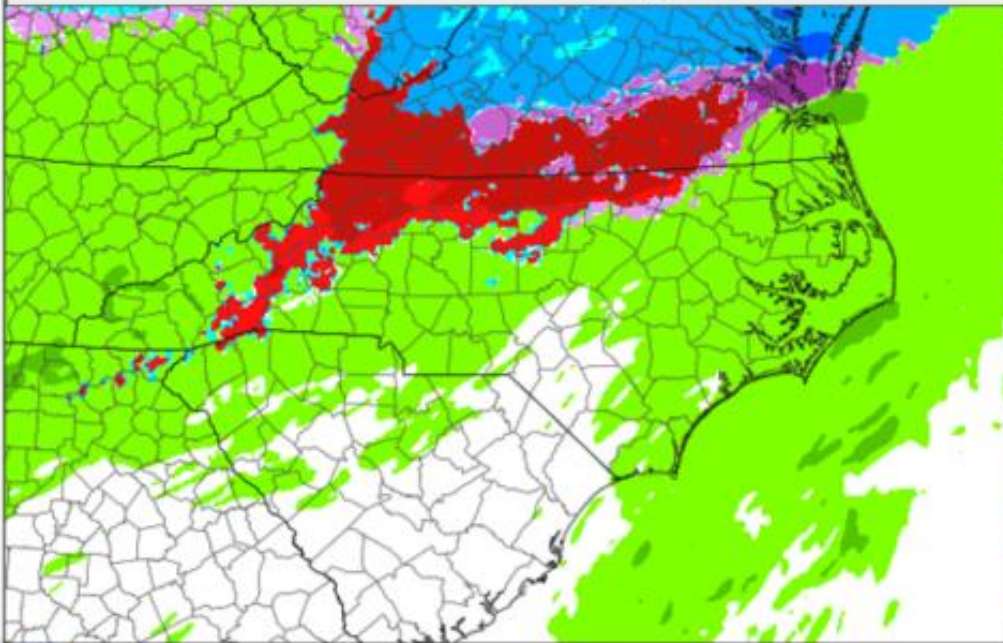


4 PM Tuesday

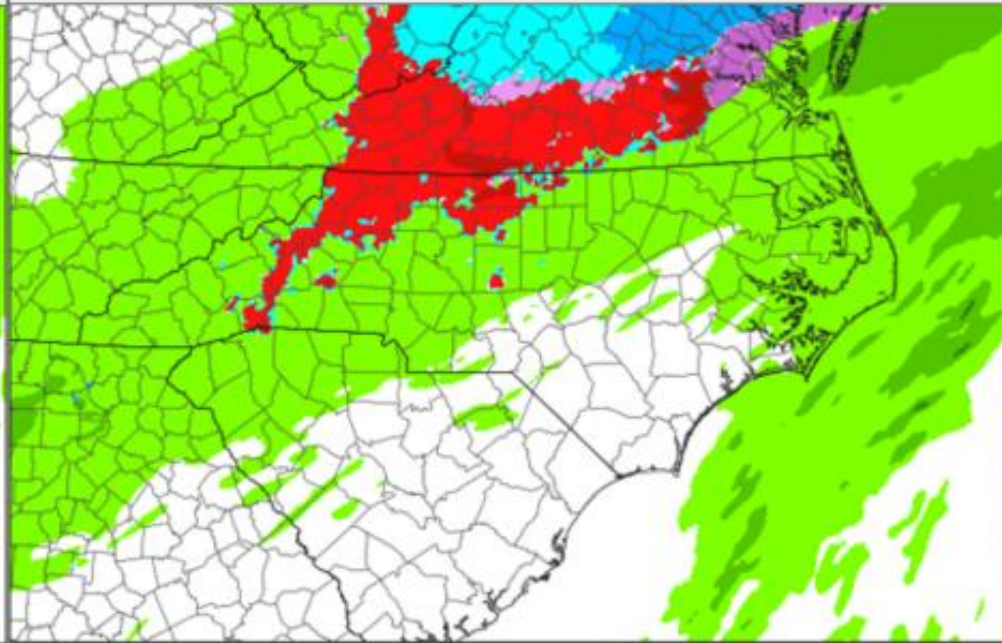


These simulation graphics can be considered a worst-case scenario. The event may end up warmer with less wintry precip than what's shown here.

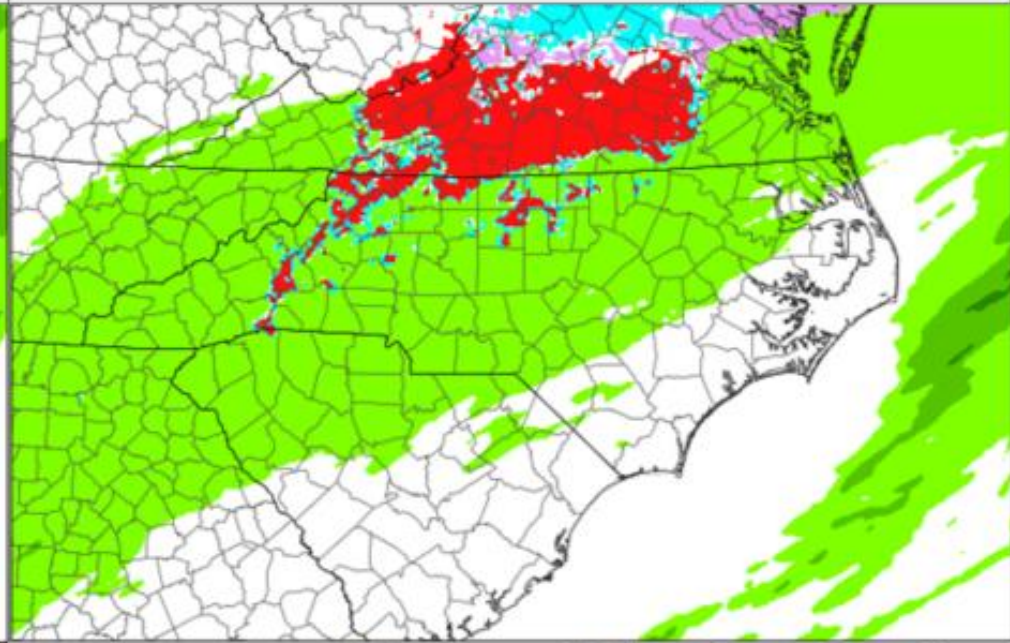
7 PM Tuesday



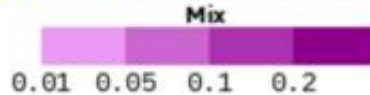
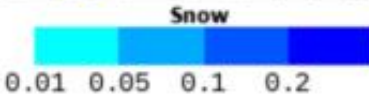
10 PM Tuesday



2 AM Wednesday



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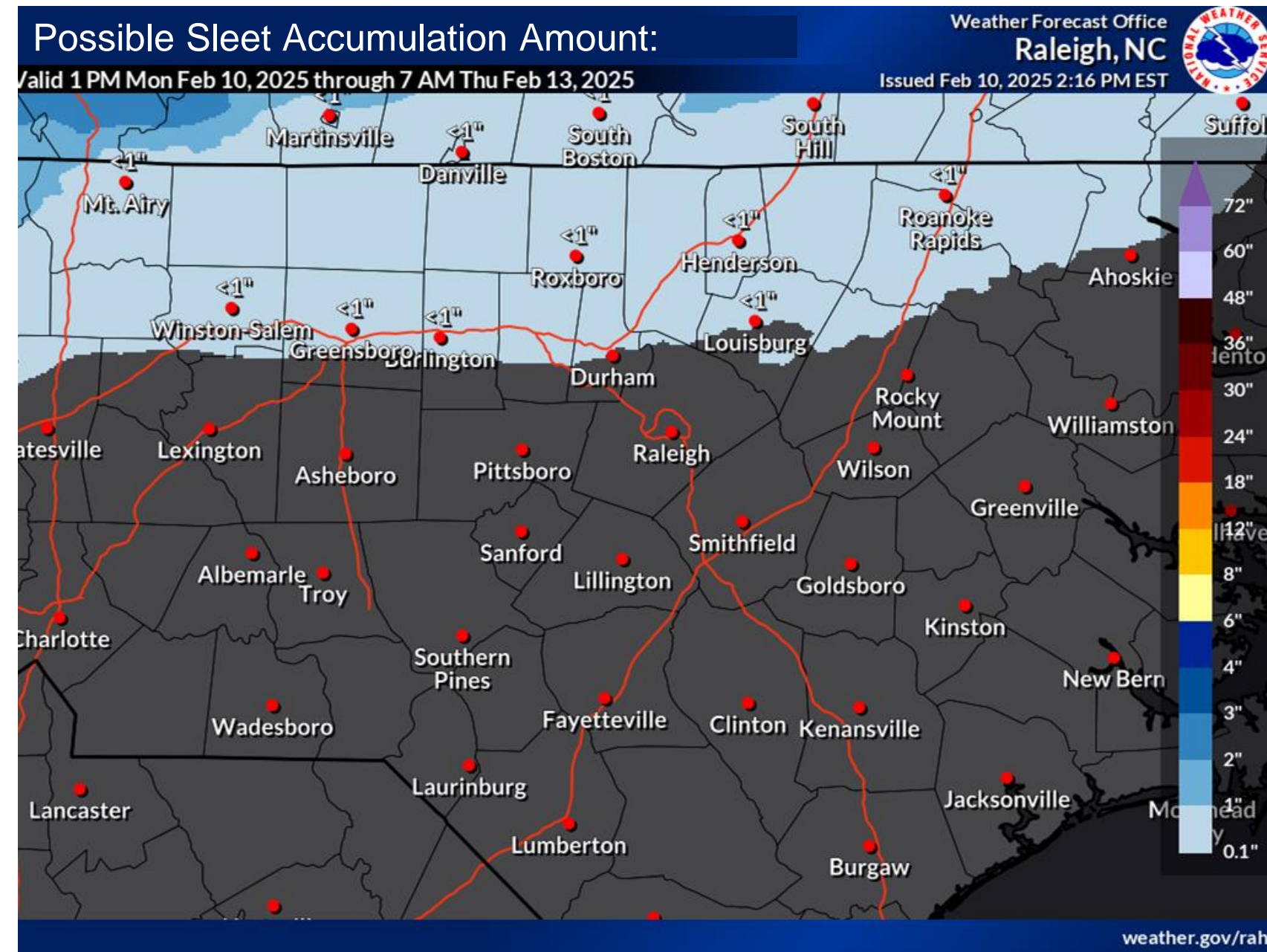
National Weather Service
Raleigh, NC



Expected-Most Likely Sleet Accumulation

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3:41 PM

Official NWS Forecast



Key Points:

- Trace amounts up to a light coating of sleet accumulation is possible.
- Mainly along and north of the I-85 corridor and near the VA border.

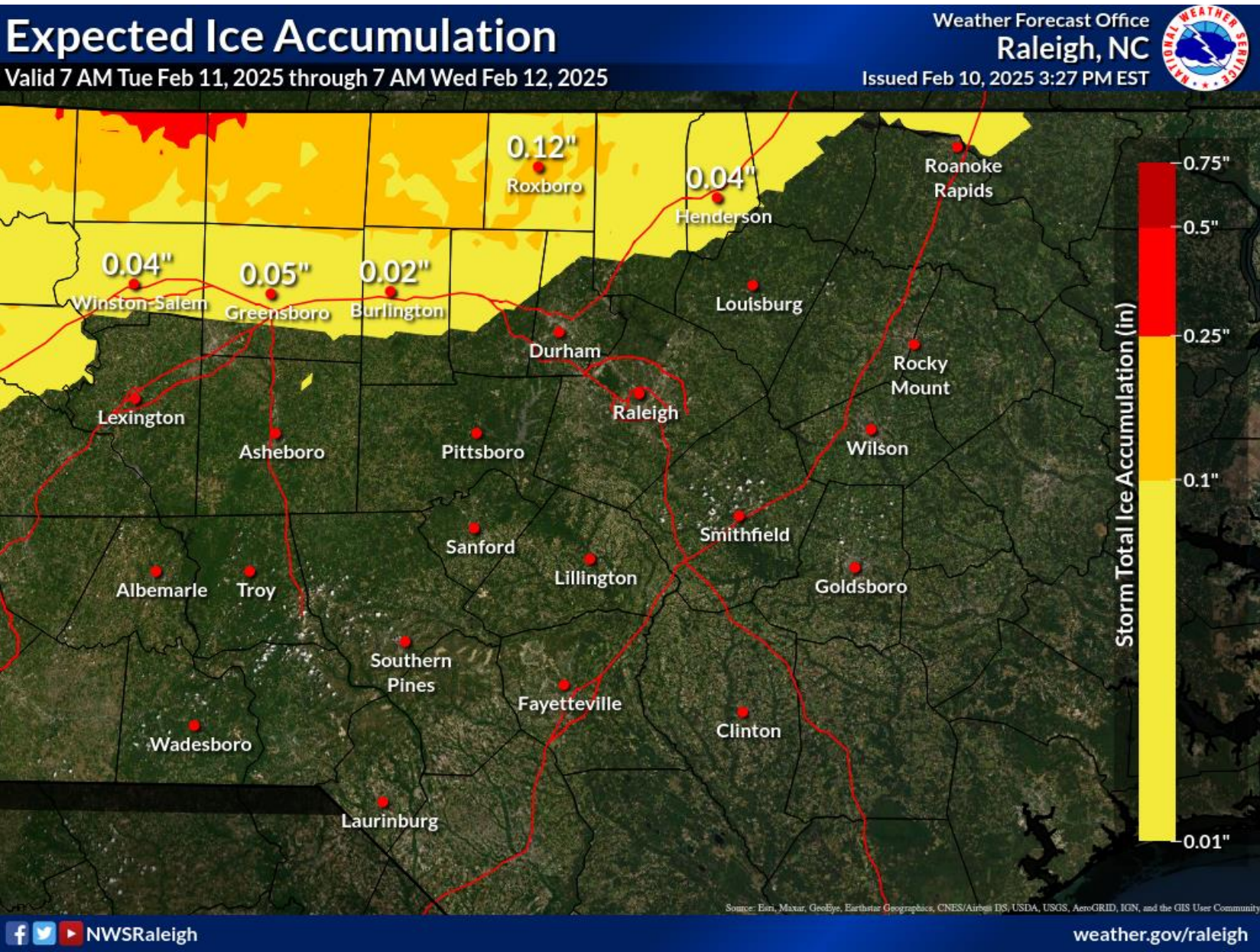




Expected Ice Accumulation

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3:41 PM

Official NWS Forecast



Key Points:

- A brief period of light freezing rain is possible any time during the daytime Tuesday through Tuesday night, mainly along and north of the I-85 corridor and near the VA border.
- Trace ice amounts, up to 1/10 of an inch are possible. (lower end of this range is most likely)
- These ice amounts are generally too light to snap tree branches or result in power outages, but this amount of ice can result in a few icy spots on the roads, mostly on bridges and elevated roadways.





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Contact and Next Briefing Information

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For Central NC



Briefing Webpage

→ <https://www.weather.gov/media/rah/briefing/NWSRaleighLatestBriefing.pdf>



Next Briefing

→ As updated info warrants
→ Method: Email



Disclaimer

→ Information contained in this briefing is time-sensitive
→ Do Not Use After: 6 AM, Tuesday, February 11, 2025



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