

# February 19-20 Winter Storm

February 18, 2025  
5:39 AM

For Central North Carolina

## Winter Storm Starting Wednesday

### Decision Support Briefing #5

→ As of 5:30 AM Tuesday, February 18

NEW

### Important Updates

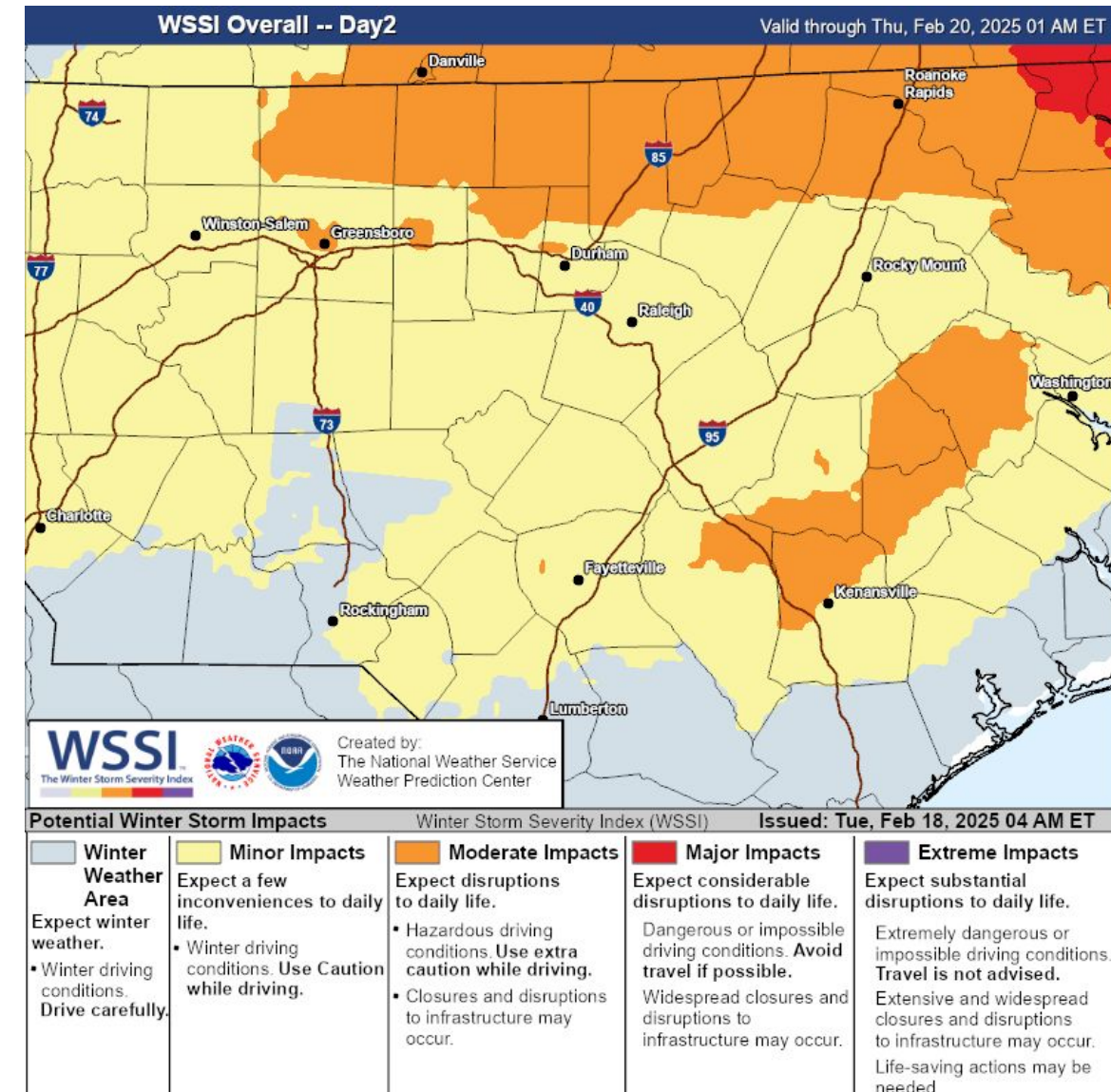
A winter storm warning has been issued for several counties in central NC.

→ A winter storm watch remains in effect for much of central NC.

Be sure to visit

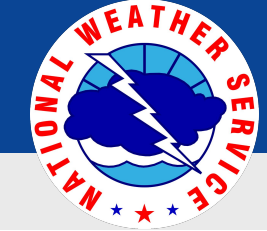
<https://weather.gov/Raleigh/Winter>

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



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

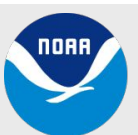
National Weather Service  
Raleigh, NC

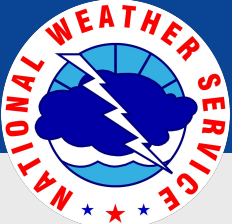


# Summary and Key Messages:

February 18, 2025  
5:39 AM

1. Confidence continues to increase that a winter storm will affect central NC Wednesday through early Thursday morning with lingering impacts through the remainder of the week and perhaps weekend.
2. A Winter Storm Warning has been issued along the VA border for heavy snow (4-6 inches)
3. A Winter Storm Warning has been issued for Edgecombe, Wilson, and Wayne counties for a combination of snow, sleet, and freezing rain
4. Winter Storm Watches continue elsewhere and will likely be converted to Winter Weather Advisories or Winter Storm Warnings by the day shift
5. The greatest risk for heavy snow (greater than 3 inches) will be across areas along and north of US-64.
6. Freezing rain with accumulations of ice up to ¼ inch will be possible across for areas mainly to the the south and east of Raleigh.
7. Subsequent black ice concerns will follow for Friday morning and maybe Saturday morning.
8. Where the heaviest ice accumulates, there could be substantial tree damage and power outages. Be prepared for numerous power outages across the eastern half of NC.





# Winter Storm Watch and Warning

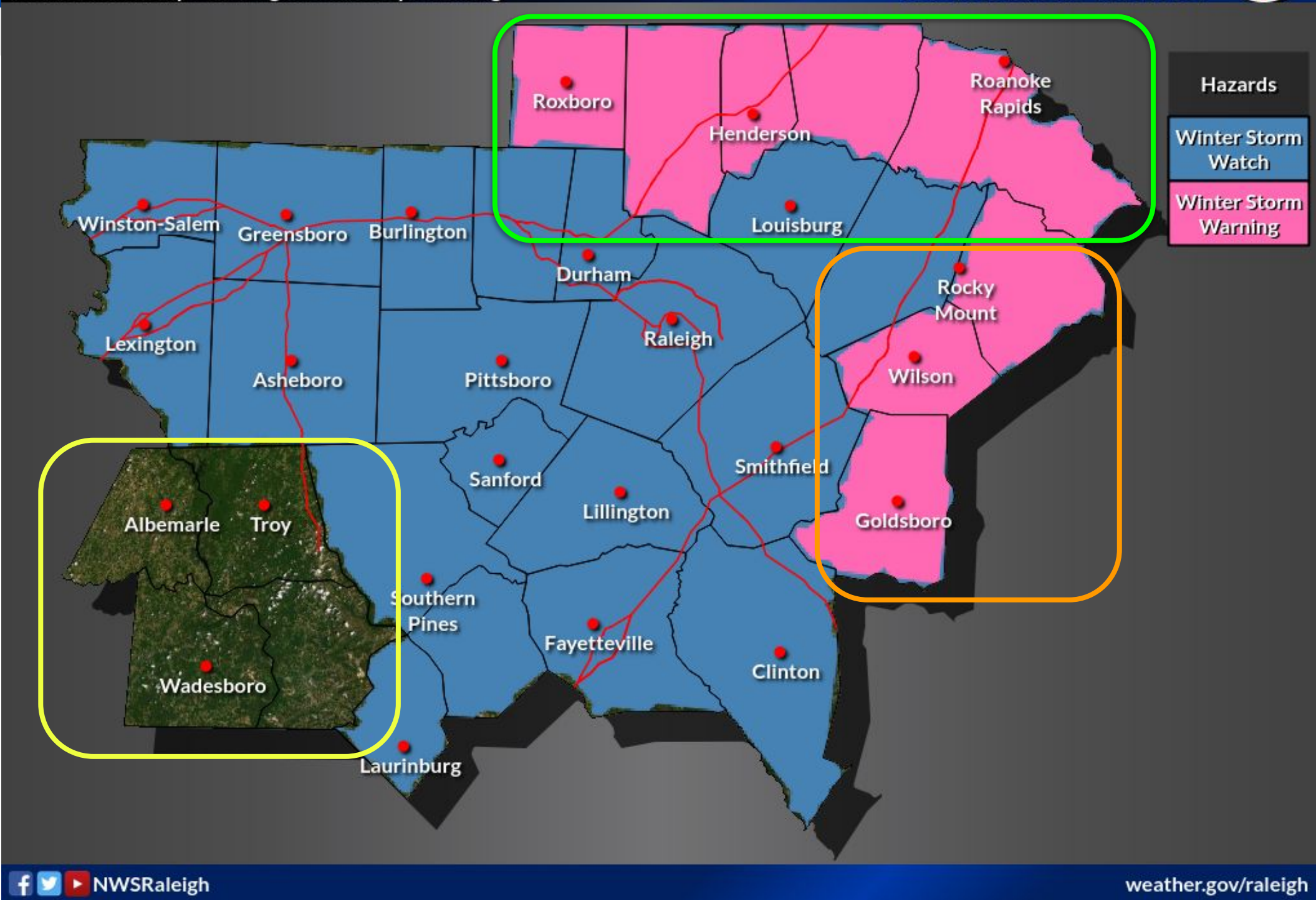
Valid Wednesday Morning to Thursday Morning

Weather Forecast Office  
Raleigh, NC

Issued Feb 18, 2025 4:10 AM EST



February 18, 2025  
5:39 AM



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National Weather Service  
Raleigh, NC



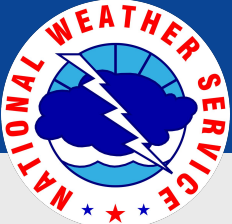
# Main Points

For Central NC

February 18, 2025  
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Hazard	Impacts	Location	Timing
<div>Snow</div> <div></div>	Moderate to major impacts are possible on roads, sidewalks	Areas along and north of US-64 and especially near the VA border from Roxboro eastward, including the northern I-95 corridor	Wednesday morning through early Thursday morning.
<div>Ice/Mixed</div> <div></div>	Up to ¼ inch of ice accumulation possible with impacts to powerlines, trees, and roads.	Areas along and east of the US-1 Corridor	Wednesday afternoon through early Thursday morning.
<div>Power Outages</div> <div></div>	Scattered to numerous power outages are possible	Best chance for substantial ice impacts will be from the I-95 corridor south of Wilson...and eastward.	Wednesday night through Thursday
<div>Cold</div> <div></div>	Wind chills are expected to range from the single digits to teens	All of Central NC	Coldest wind chills Thursday night into Friday morning
<div>Black Ice</div> <div></div>	Prolonged cold temperatures will lead to black ice well after the event ends	All of Central NC	Thursday night and possibly Friday night depending total precip accumulations.
<div>Travel Hazards</div> <div></div>	Roads are likely to be hazardous	All of Central NC	From mid-day Wednesday through Thursday. Black ice may present travel issues Friday as well.





# Most Likely Snowfall

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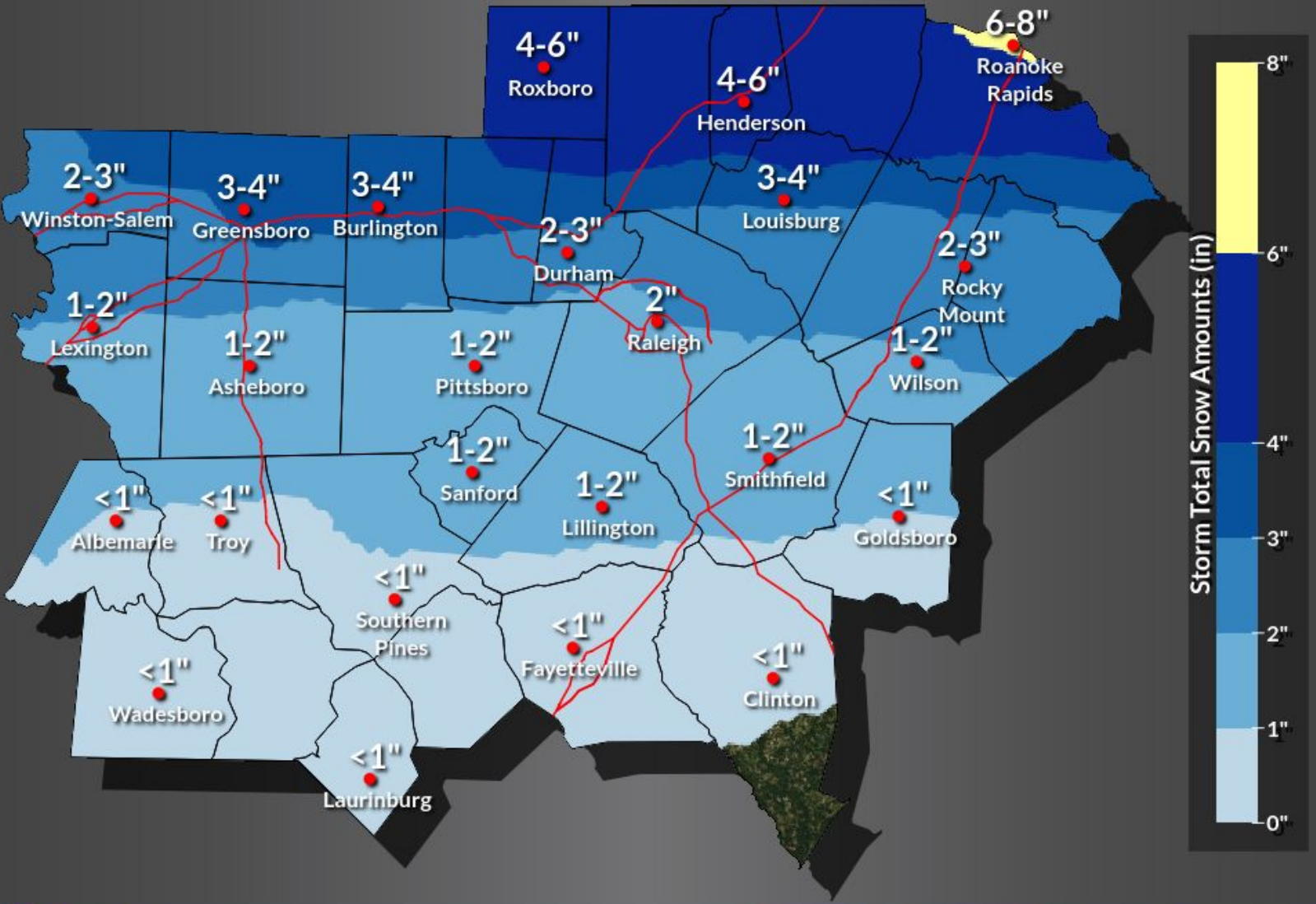
This is the Official NWS Forecast

## Storm Total Snowfall

Valid Wednesday Morning to Thursday Morning

Weather Forecast Office  
Raleigh, NC

Issued Feb 18, 2025 4:20 AM EST



Storm Total Snow Amounts (in)



### Key Points:

- Areas along and north of US-64 and especially near the VA border from Roxboro eastward, including the northern I-95 corridor will see the heaviest snowfall.
- A few snowflakes will be possible Wednesday morning, but the heaviest snowfall rates and quickest accumulations are expected from Wednesday afternoon through evening.
- Travel will become especially difficult and hazardous Wednesday afternoon.

NWSRaleigh

[weather.gov/raleigh](https://weather.gov/raleigh)



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Atmospheric Administration  
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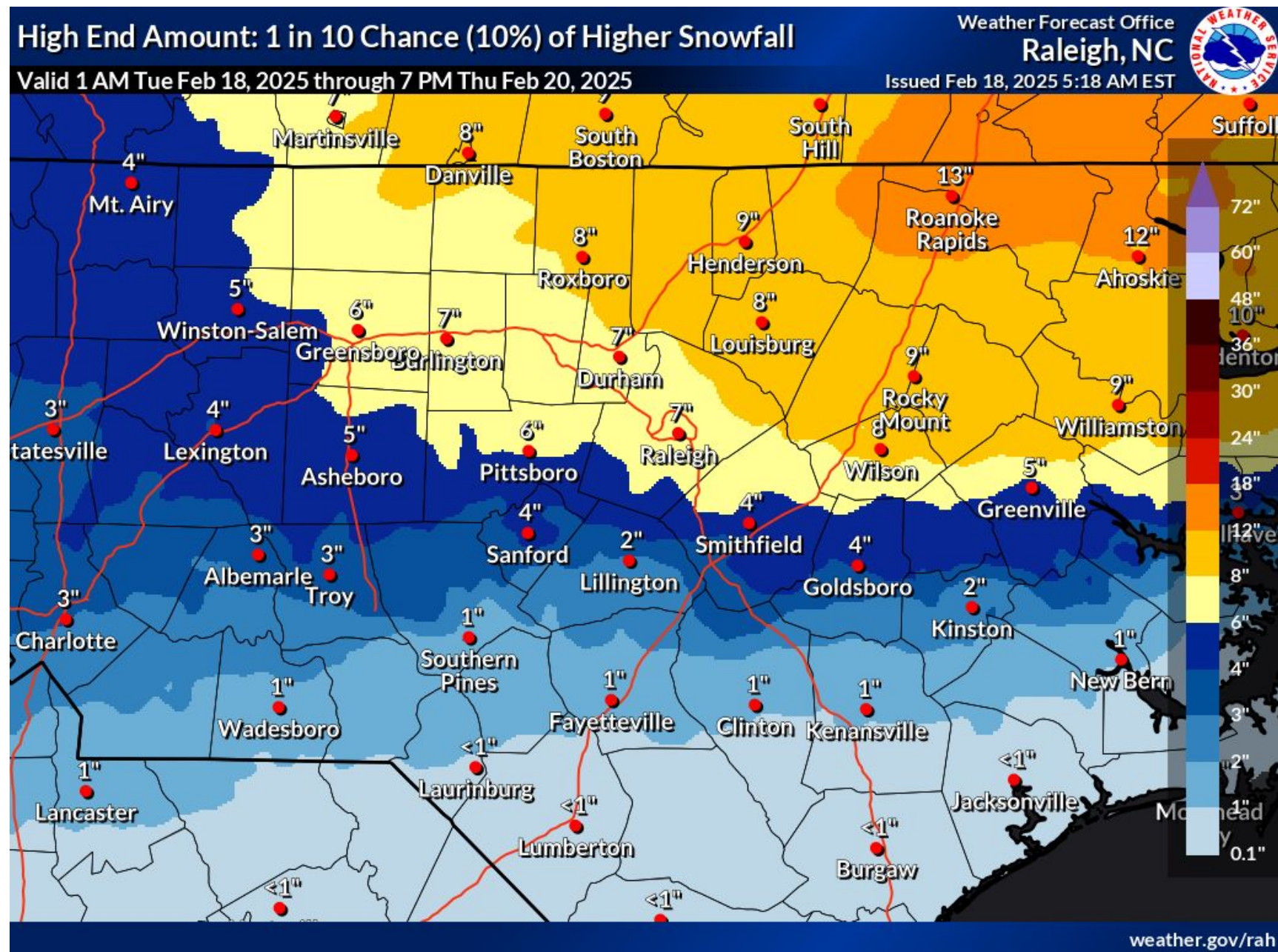
National Weather Service  
Raleigh, NC



# Alternate possible scenario - the high-end snow amounts

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Consider this the worst-case scenario



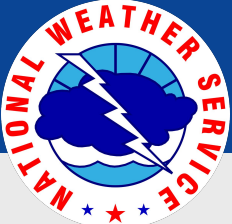
## Key Points:

- The worst-case scenario snowfall amounts shows 6+ inches of snow falling along and north of the highway 64 corridor, with up to 12 inches of snow near the VA border.



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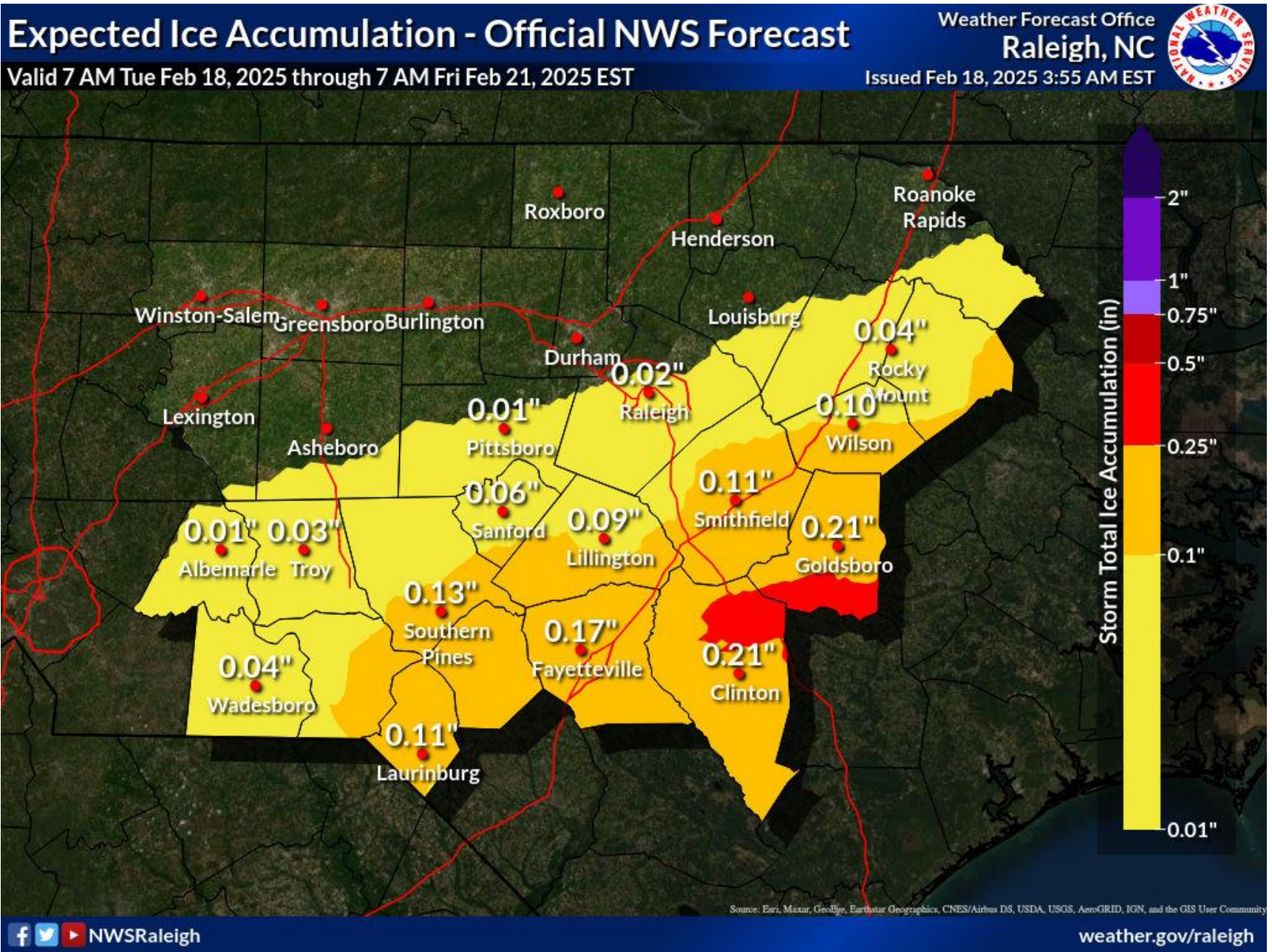
National Weather Service  
Raleigh, NC



# Expected Ice Accumulation

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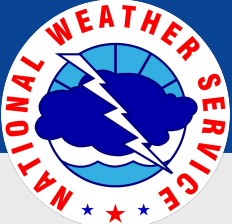
This is the Official NWS Forecast



## Key Points:

- Freezing rain with accumulations of ice up to ¼ inch will be possible across for areas mainly to the the south and east of Raleigh, with the heaviest ice accumulations from the I-95 corridor south of Wilson and eastward.
- Where the heaviest ice accumulates, there could be substantial tree damage and power outages.
- Be prepared for numerous power outages across the eastern half of NC.

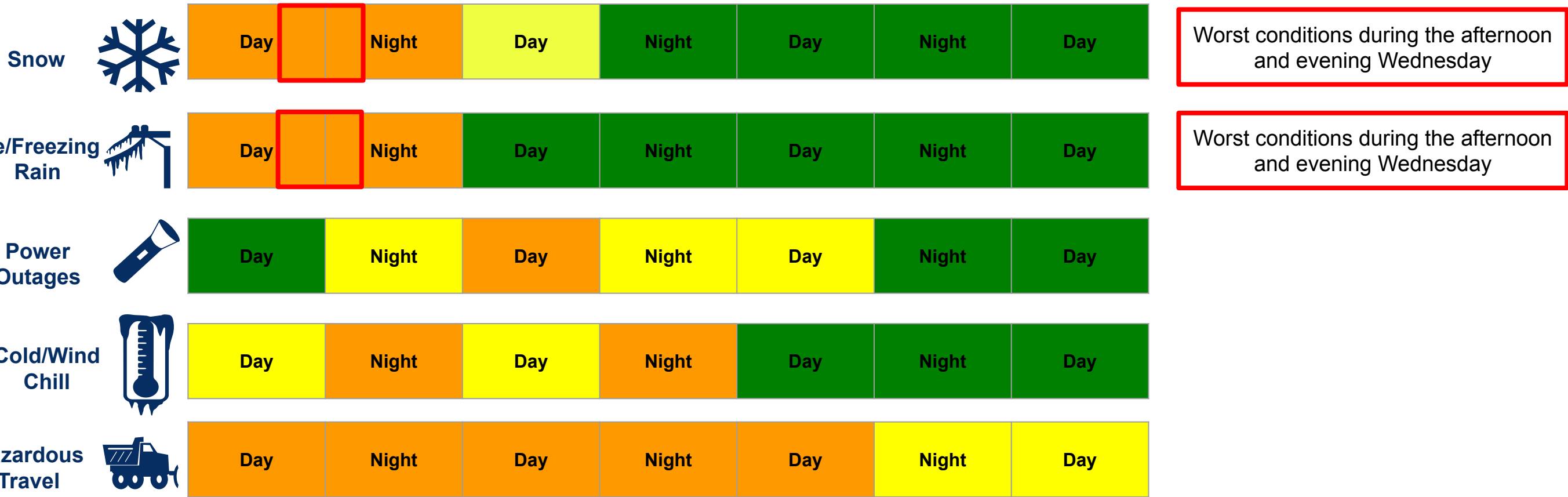




# Expected Timeline Full Weather and Impacts

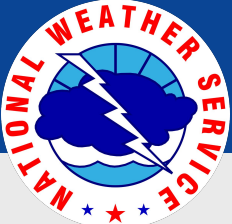
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## For Central NC



**Effects and Impacts Legend**

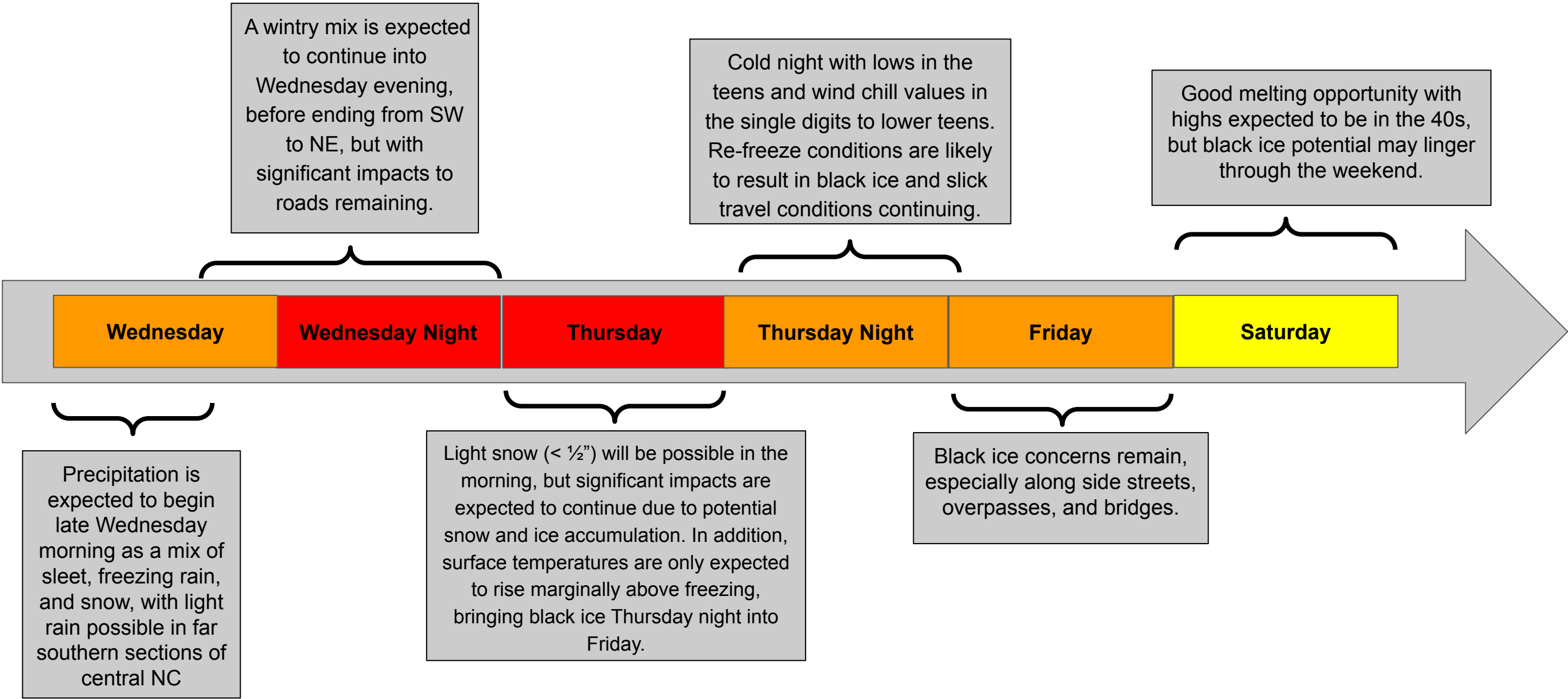
- Little to No Impact
- Minor Impact
- Moderate Impact
- High Impact
- Extreme Impact



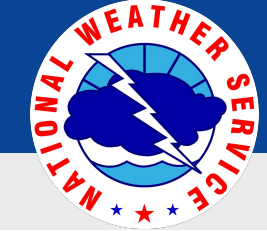
# Timeline of Main Weather and Impacts

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## For Central NC



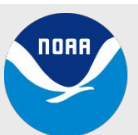
Risk Levels	No/None	Limited	Elevated	Significant	Extreme
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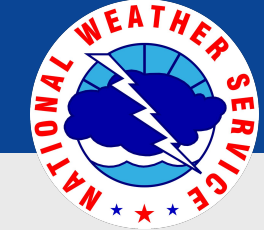


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# Contact and Next Briefing Information

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For Central NC



## Briefing Webpage

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



## Next Briefing

- Via email and on the web by 11:30 AM Tuesday, February 17, 2025, or sooner as needed.
- Our next live webinar briefing for partners and YouTube will be at 11:30 AM Tuesday.



## Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: 7:00 PM Tuesday, February 18



## Contact Information

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### Facebook

→ [NWSRaleigh](https://www.facebook.com/NWSRaleigh)

### Twitter

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