



Wintry Weather Followed by Rain

February 11, 2025
5:38 AM

Decision Support Briefing #5 for the western Carolinas and northeast Georgia

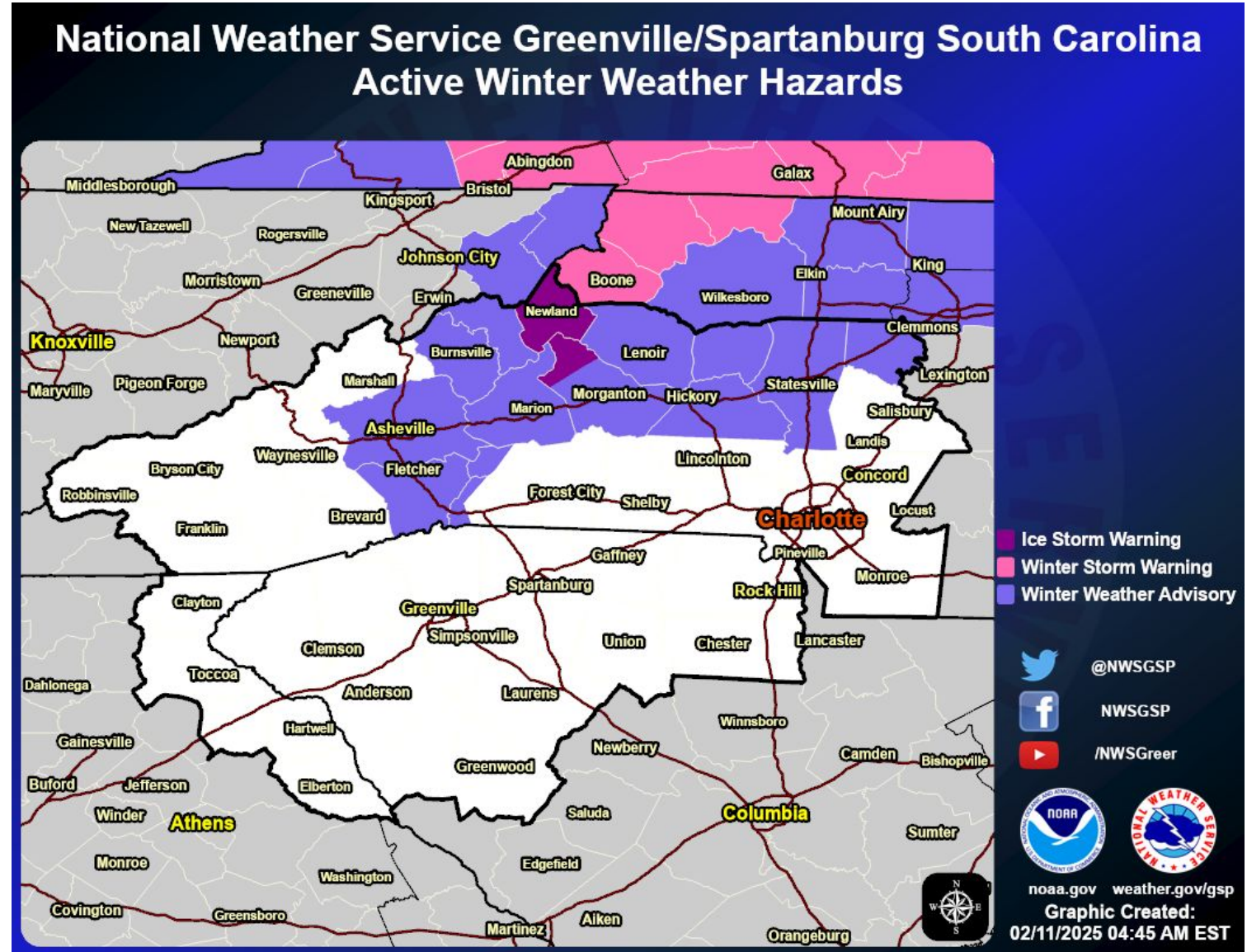
NEW

Important Updates

- Winter Weather Advisory upgraded to an Ice Storm Warning for Avery and western Burke Counties.
- Updates to timing and ice/rainfall totals.

Key Messages

- A wintry mix will continue through late morning today in parts of the NC mountains and northern foothills. The mix will transition to either rain or freezing rain by midday today, dependent on surface temps.
- This afternoon and evening, cooling temperatures in the NW NC Piedmont (along/north of I-40) will cause rain to change back to freezing rain.
- Ice accretion is likely to cause poor road conditions in the Advisory area (*map at right*). At least isolated power outages can be expected in this area as well. More extensive impacts can be expected in the Warning area.
- Periods of heavy rain are expected Tuesday afternoon through Thursday morning, and minor flooding may develop along some area rivers.



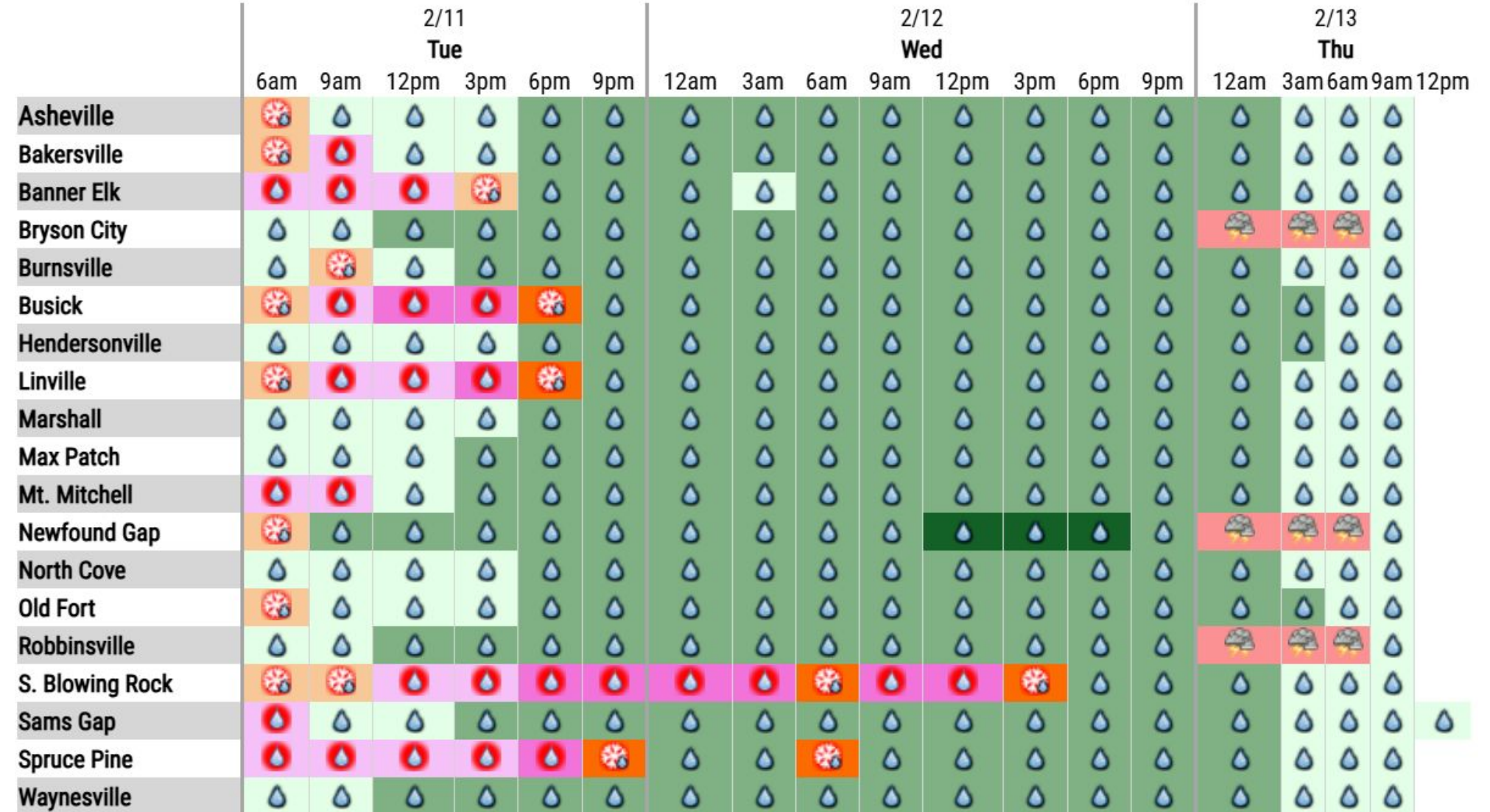


Precipitation Type Timing

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NC Mountains

Weather Forecast



Created: 5 am EST Tue 2/11/2025. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain +
- Thunderstorms +
- Fz Rain +
- Wintry Mix +

Created: 5 am EST Tue 2/11/2025 |

Hazard Details

- For the mountains, wintry mix will continue into Tuesday morning before changing to freezing rain or rain.
- Likelihood of precipitation is not depicted in this chart, but it depicts change in precip type and rate over time.
- Darker shades indicate heavier precipitation rates.
- For more specific information, visit <https://weather.gov/forecastpoints>



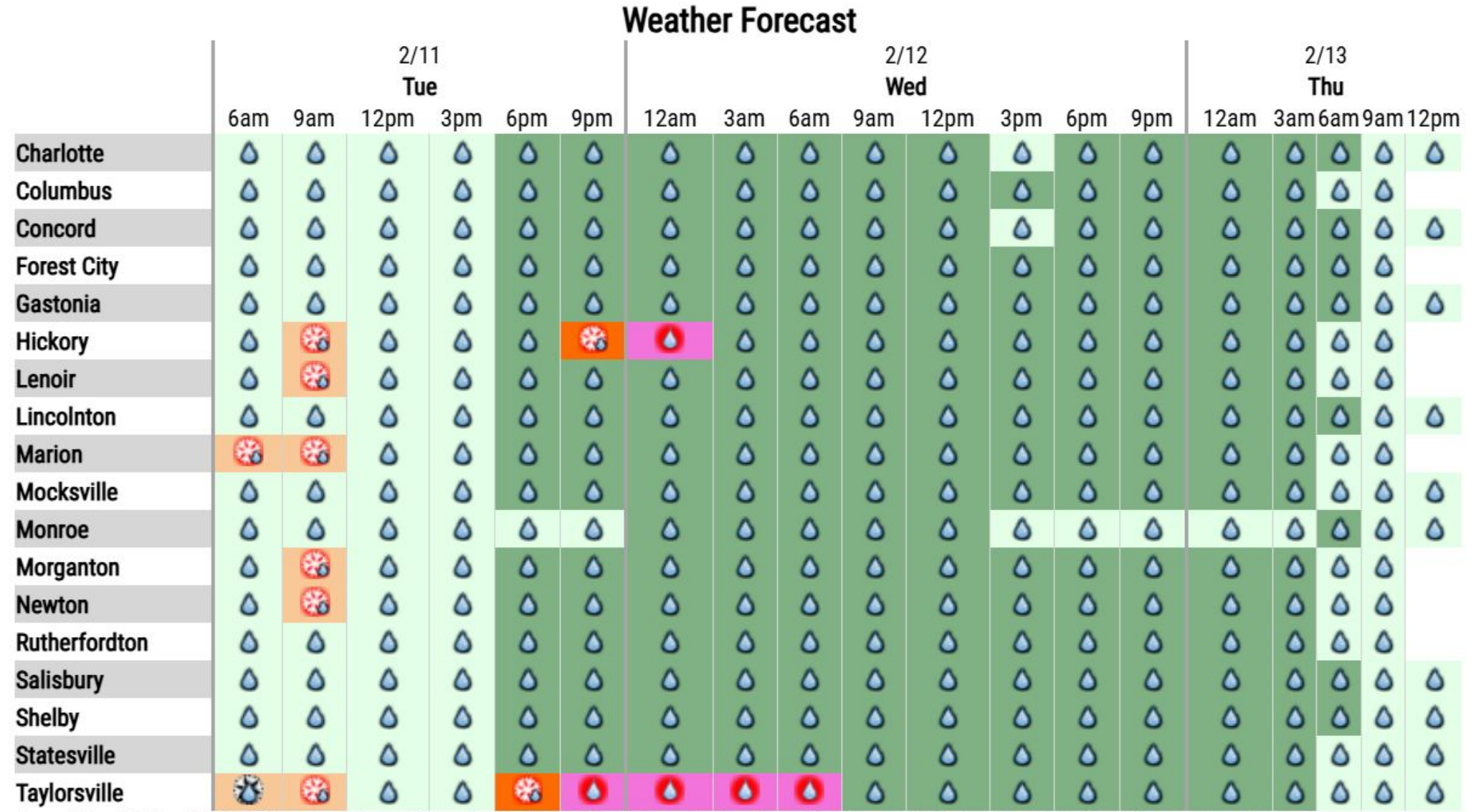
Precipitation Type Timing

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NC Foothills / Piedmont

Hazard Details

- In the northern NC foothills and NW Piedmont, the threat of freezing rain will be mainly as temperatures cool Tuesday evening or early Wednesday morning.
- Likelihood of precipitation is not depicted in this chart, but it depicts change in precip type and rate over time.
- Darker shades indicate heavier precipitation rates.
- For more specific information, visit <https://weather.gov/forecastpoints>



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Total Ice Accumulation

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General trend from 1 AM Tuesday to 1 PM Tuesday

Hazard Details

- The timing of temperatures warming above freezing Tuesday remains a key element of the ice forecast. If temperatures warm more slowly than is currently expected, a more significant icing event will be possible, particularly as precipitation rates are expected to increase by the end of the day Tuesday.
- In particular, there is moderate confidence on a narrow corridor of ice totals above 0.25 inches stretching from Avery County into western Burke County and possibly Mitchell County.
- Icing is likely to create slippery conditions on roads, bridges and sidewalks. A few power outages may also occur, particularly in the northern mountains and foothills.
- Confidence remains low on the duration of freezing rain in the higher elevations near the SW border of NC. The Winter Weather Advisory could be expanded there if confidence or amounts increase.





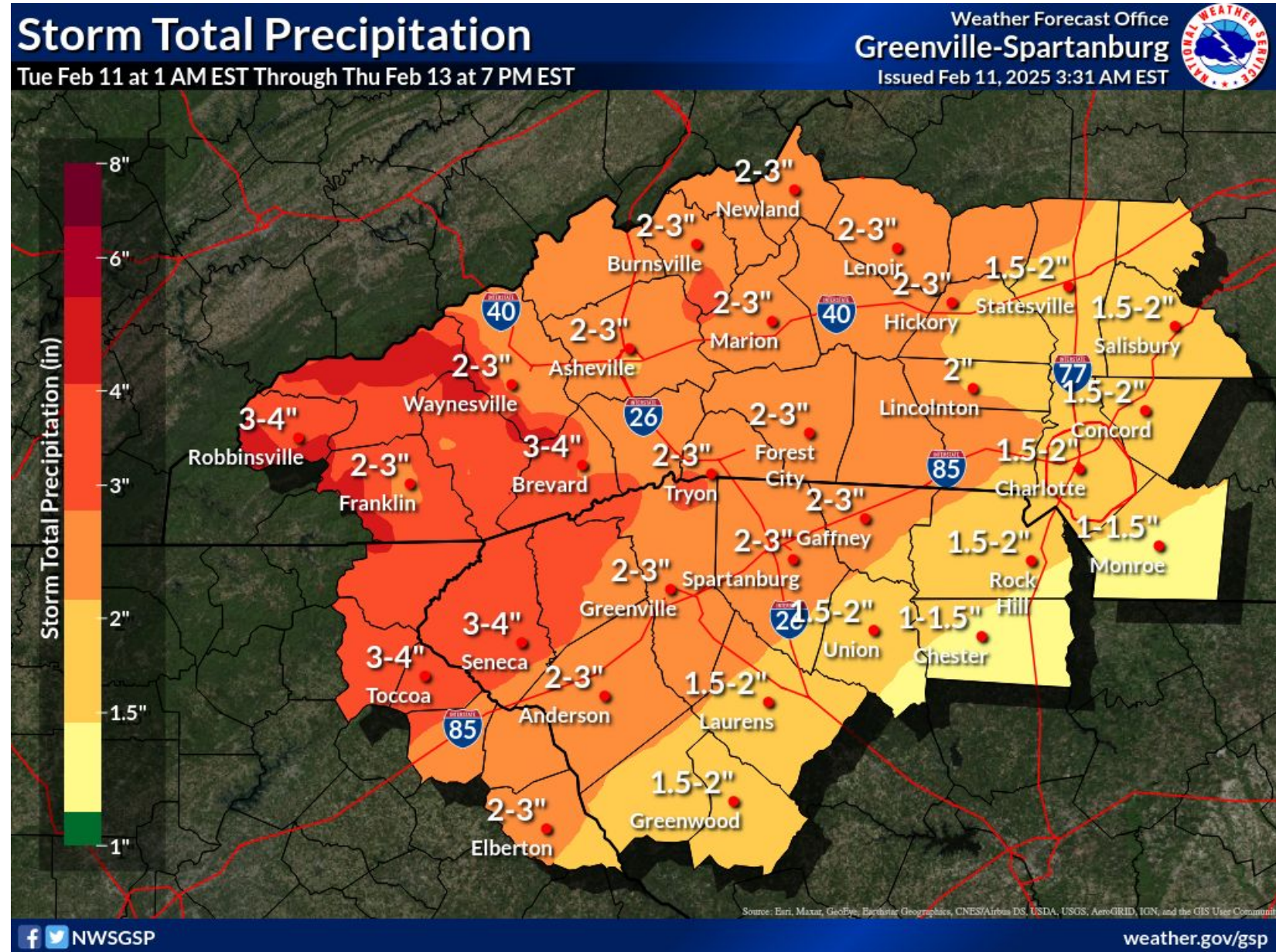
Heavy Rain

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Generally Tuesday afternoon through early Thursday morning

Hazard Details

- Rainfall rates are expected to increase Tuesday afternoon and remain elevated through early Wednesday morning. A relative lull in rainfall rates will occur for part of Wednesday, but will pick up again late in the day and peak Wednesday night.
- Forecast rainfall has remained more or less the same as the previous forecast, and soils are largely dry. 6-hourly precip amounts are not likely to exceed 2 inches.
- The above factors keep our confidence in flooding low enough not to warrant a Flood Watch at this time. If/where confidence increases on flooding, a Flood Watch still could be issued.
- There appears a 10% to 25% chance of "nuisance flooding" in low-lying areas along the French Broad, Tuckasegee, and tributaries. If that type of flooding does occur, campgrounds could require evacuation.



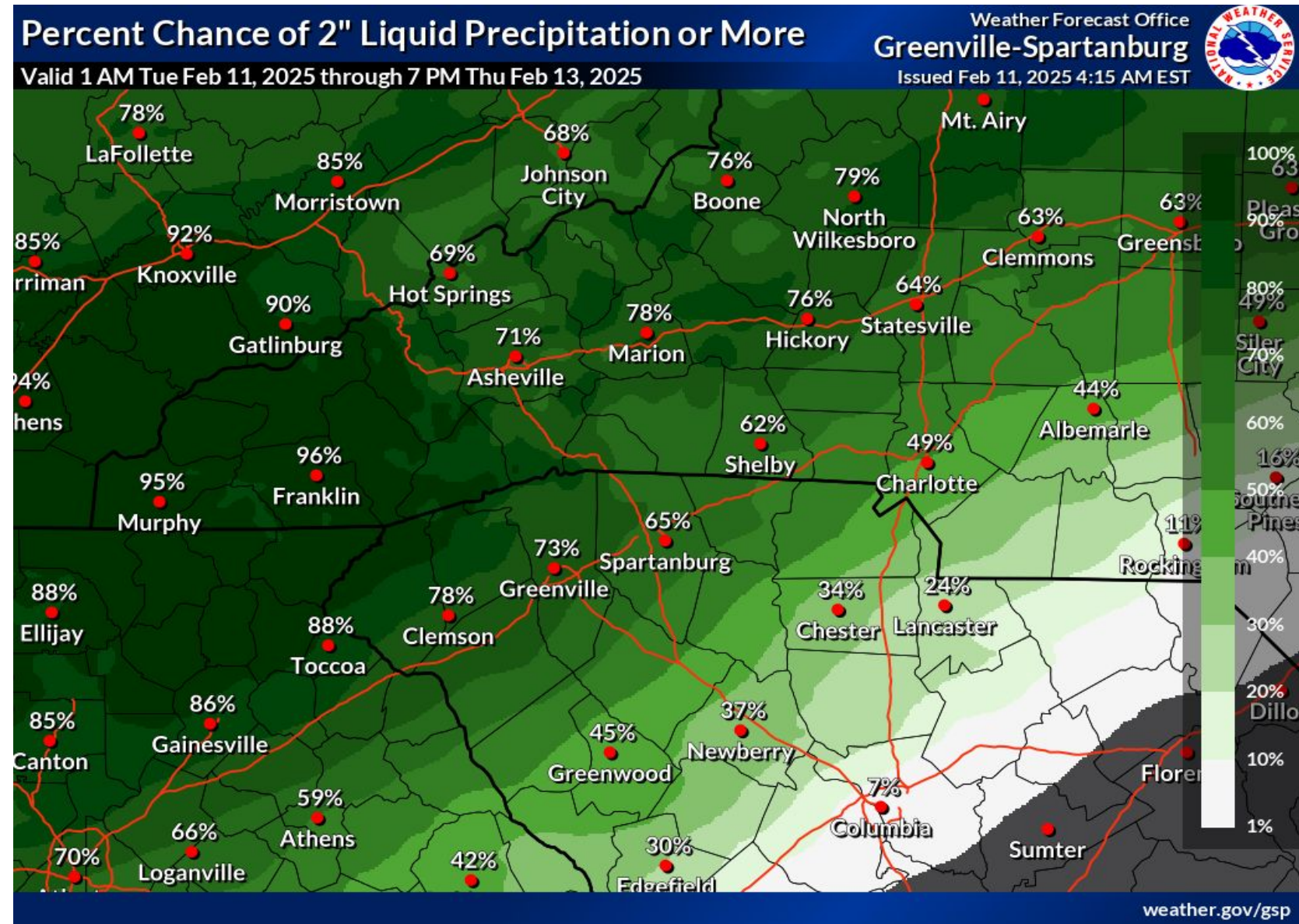


Flooding Risk

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Generally Tuesday afternoon through early Thursday morning

- Confidence is high for "nuisance flooding" of low-lying farmland, low-water crossings, and riverside campgrounds.
- Impacts will likely be isolated outside the southwestern mountains, but may be more widespread in the Smokies and surrounding areas.
- Minor flooding causing road closures and a few property impacts is a possibility.





Contact and Next Briefing Information

For the western Carolinas and northeast Georgia



Briefing Webpage

→ weather.gov/media/gsp/YouTube/brief.pdf



Next Briefing

→ By 6 PM Tue, Feb 11
→ Method: PDF, like this



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