

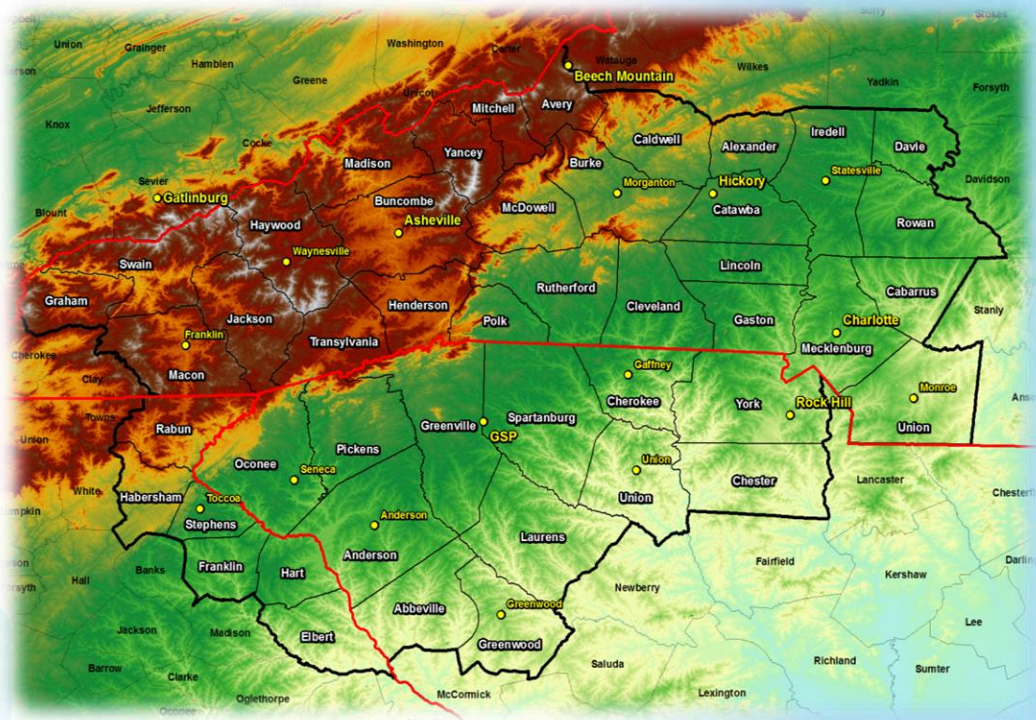
Severe Weather Possible Today

Decision Support Briefing #7 As of: 3/18/2021 5:00 AM



What Has Changed?

- ✓ Major changes to the risk area from SPC
- ✓ Overall severe trends are going down



Main Points

Hazard	Impacts	Location	Timing
Tornadoes	Brief isolated tornadoes are possible.	Mainly across the Piedmont of the Carolinas and NE GA	Through this afternoon
Wind	Damaging winds. Trees and power lines blown down and minor damage to structures.	Mainly across the Piedmont of the Carolinas and NE GA	Through this afternoon
Hail	Large hail up to the size of quarters (1" diameter).	Isolated across the entire area, more likely east of the mountains.	Through this afternoon
Lightning	Frequent cloud to ground lightning is possible with a few thunderstorms.	Across the entire area, but mainly east of the mountains.	Through this afternoon
Flooding	Localized flash flooding. Flooding of low lying and poor drainage areas.	Across the entire area, but mainly over the southwest NC mountains	Through this afternoon

Summary of Greatest Impacts



Tornadoes: Mainly along and to the SE of I-85

None

Limited

Elevated

Significant

Extreme



Damaging Wind: Mainly across the Piedmont

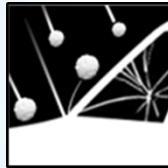
None

Limited

Elevated

Significant

Extreme



Large Hail: Across the entire area

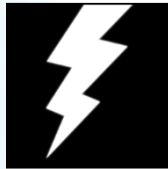
None

Limited

Elevated

Significant

Extreme



Lightning: Across the entire area

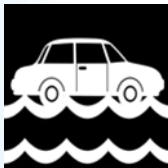
None

Limited

Elevated

Significant

Extreme



Flooding: Southwest mountains and in urban areas

None

Limited

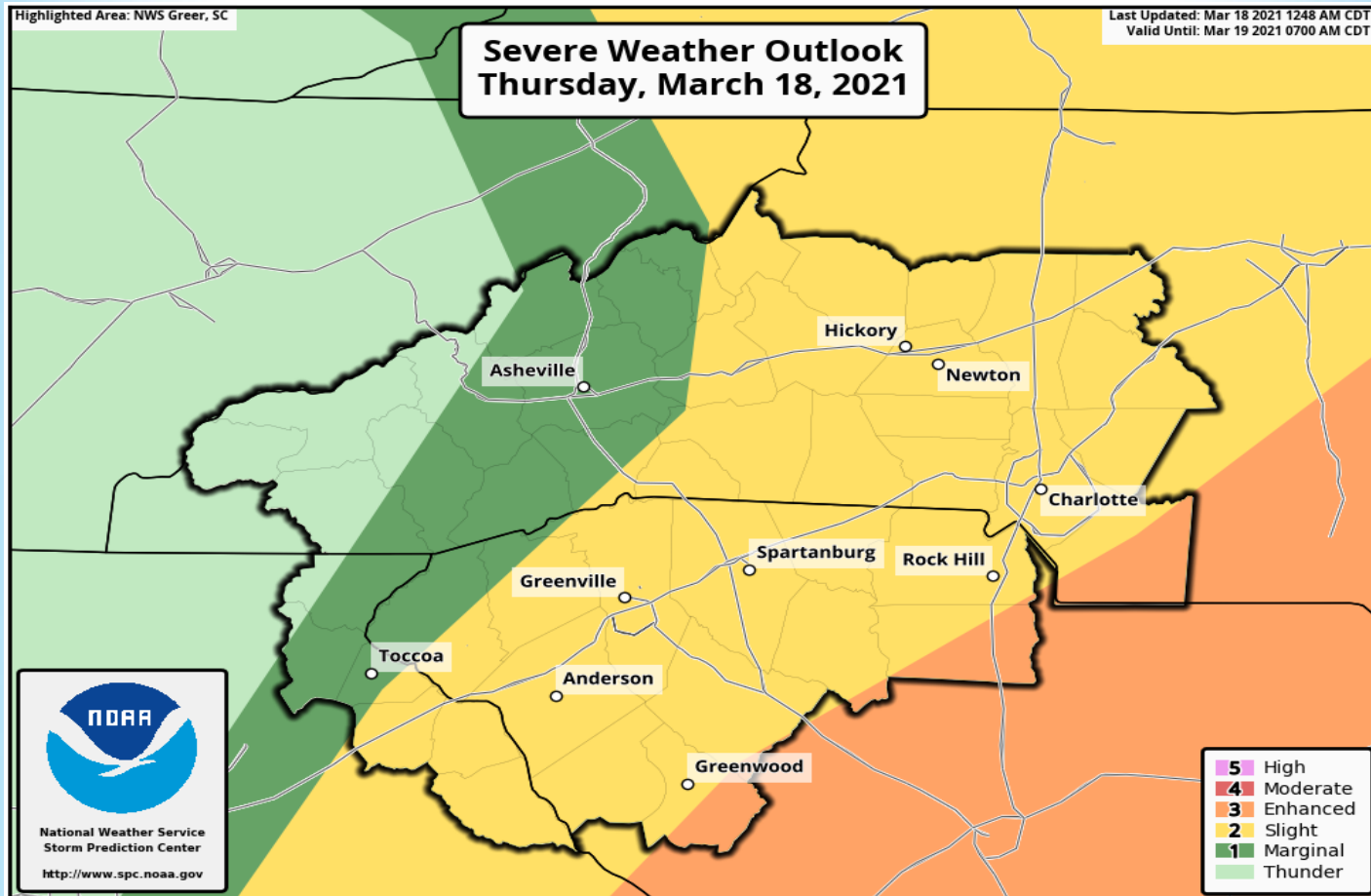
Elevated

Significant

Extreme



Severe Weather Outlooks



Do not focus on exact locations for the risk areas; these are approximate outlines of where the more severe weather is expected.

Highlighted Area: NWS Greer, SC

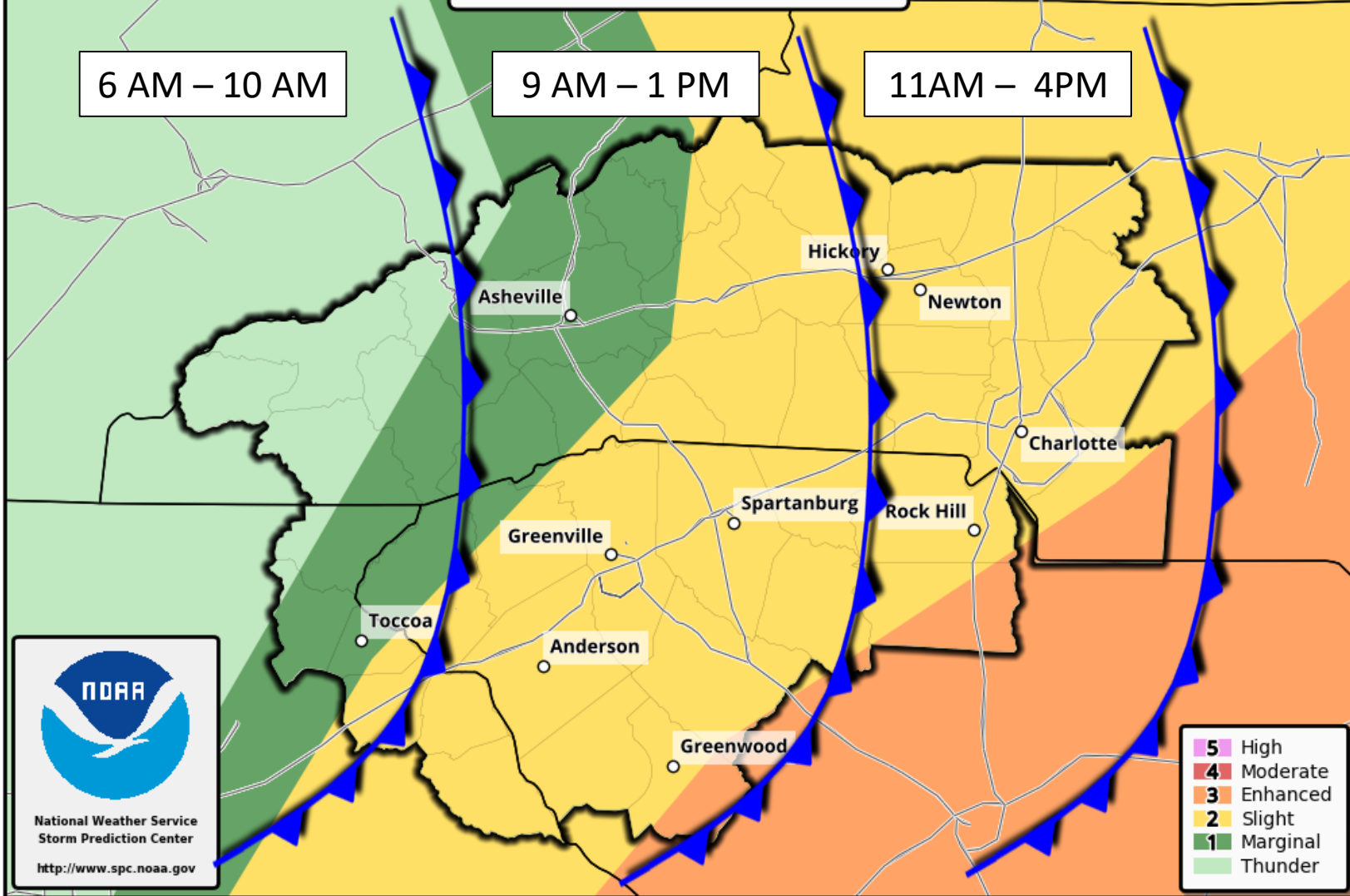
Last Updated: Mar 18 2021 1248 AM CDT
Valid Until: Mar 19 2021 0700 AM CDT

Severe Weather Outlook Thursday, March 18, 2021

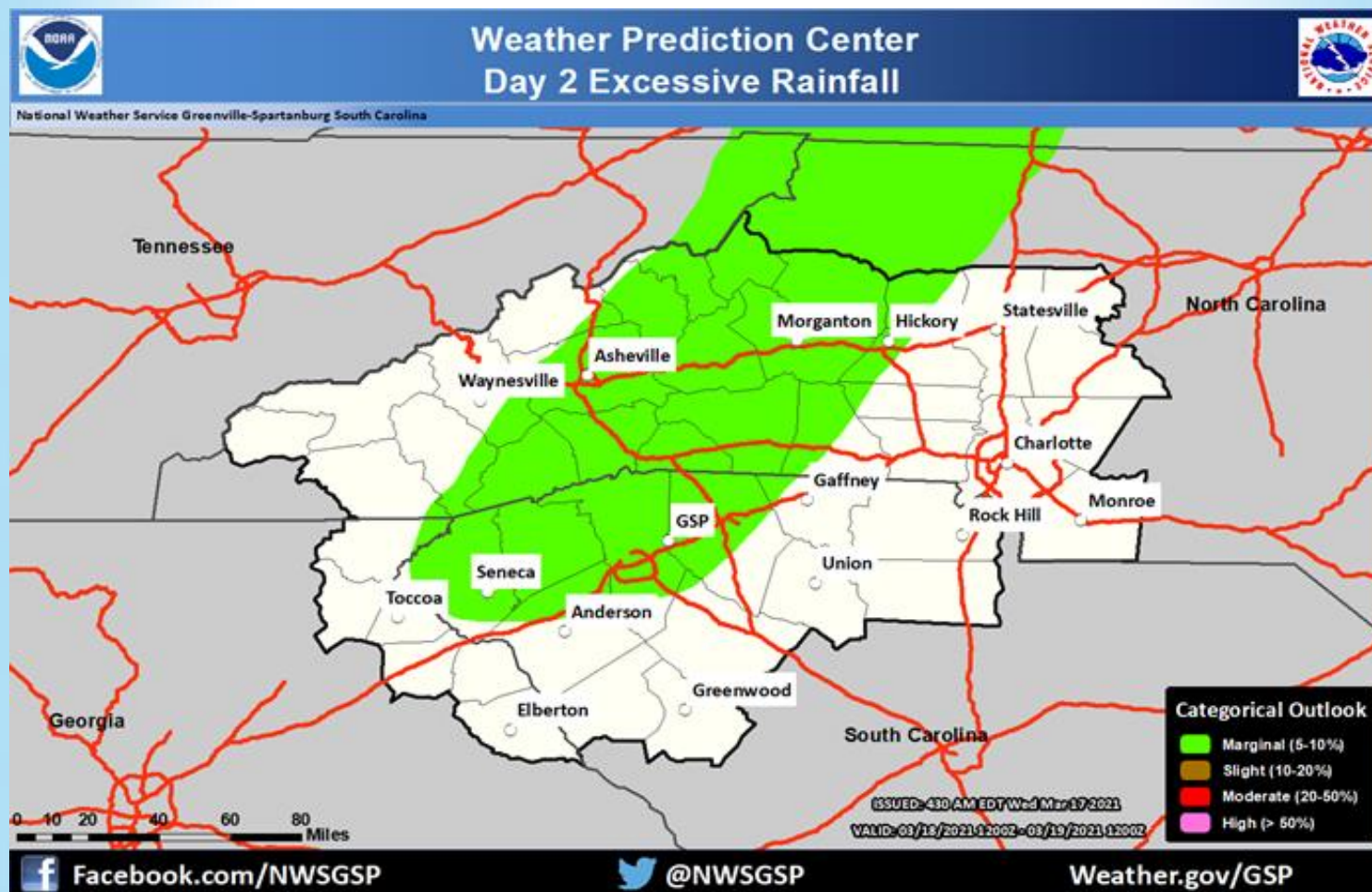
6 AM – 10 AM

9 AM – 1 PM

11AM – 4PM



Excessive Rainfall Outlooks



8 AM Today – 8 AM Friday

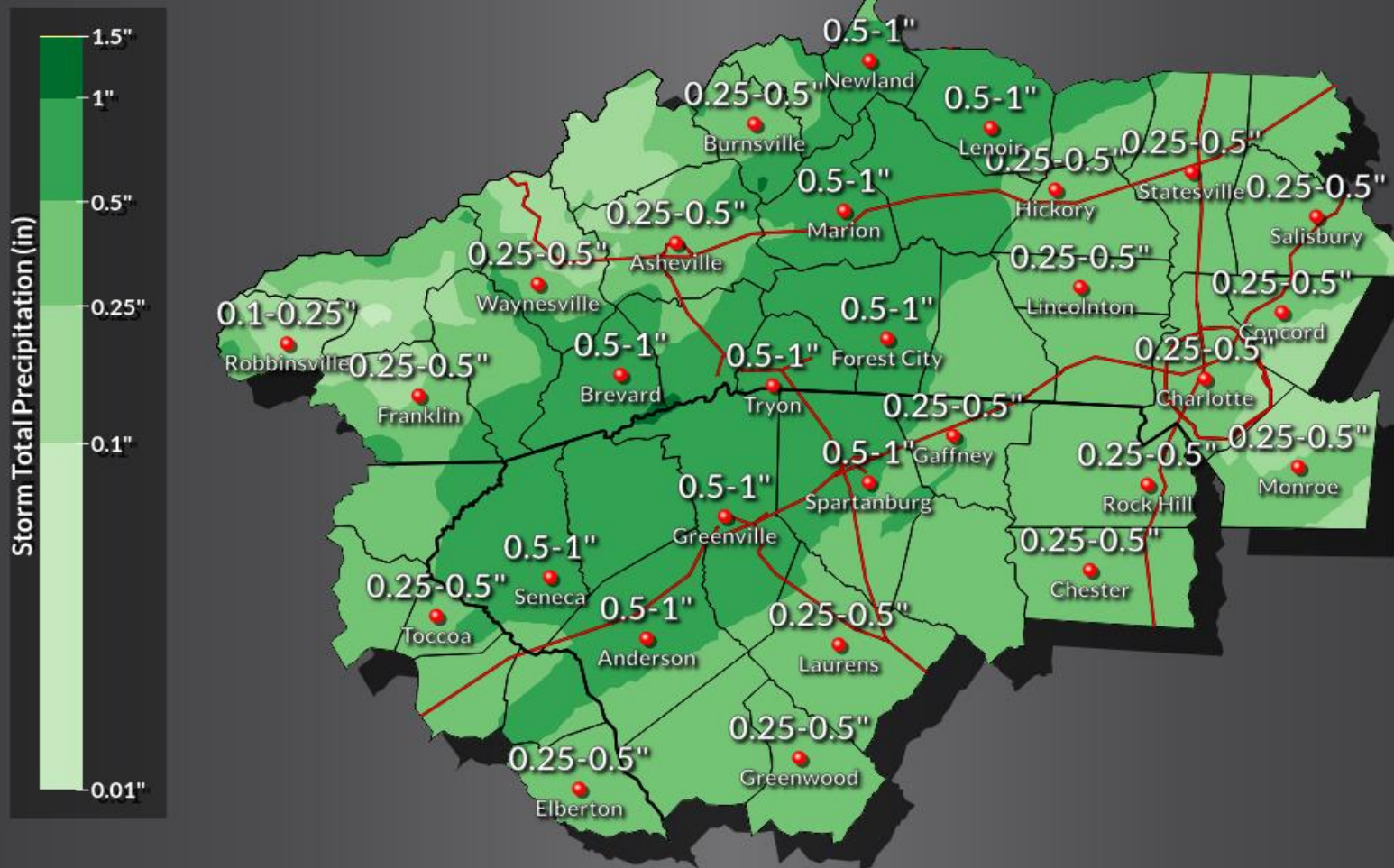
This is Day 1 despite the graphic showing Day 2

Storm Total Precipitation

Thurs March 18th at 8 AM EDT Through Thurs March 18th at 8 PM EDT

Weather Forecast Office
Greenville-Spartanburg

Issued Mar 18, 2021 3:46 AM EDT



Event Summary

- ✓ Severe thunderstorms are expected to affect the area today. **Confidence is high that some severe thunderstorms will develop.**
- ✓ Thunderstorms may affect western portions of the area as early as 5-6am, but **severe thunderstorm potential increases after 7am.**
- ✓ **Confidence is moderate on the timing** of the thunderstorm threat for today. Timing is becoming faster and more favorable for limited severe weather.
- ✓ **Damaging winds are the primary threat**, but **large hail** and **isolated tornadoes** will be possible, especially along the I-85 corridor and areas to the southeast.
- ✓ Localized flash flooding will be possible across the SW NC mountains and with any higher rainfall rates, especially in urban areas.
- ✓ Residents across the western Carolinas and NE GA should be prepared for severe weather today and know what actions to take if a warning is issued.

Regional NWS Office Contacts

[NWS Greenville-Spartanburg, SC](#)



[NWS Morristown, TN](#)



[NWS Atlanta, GA](#)



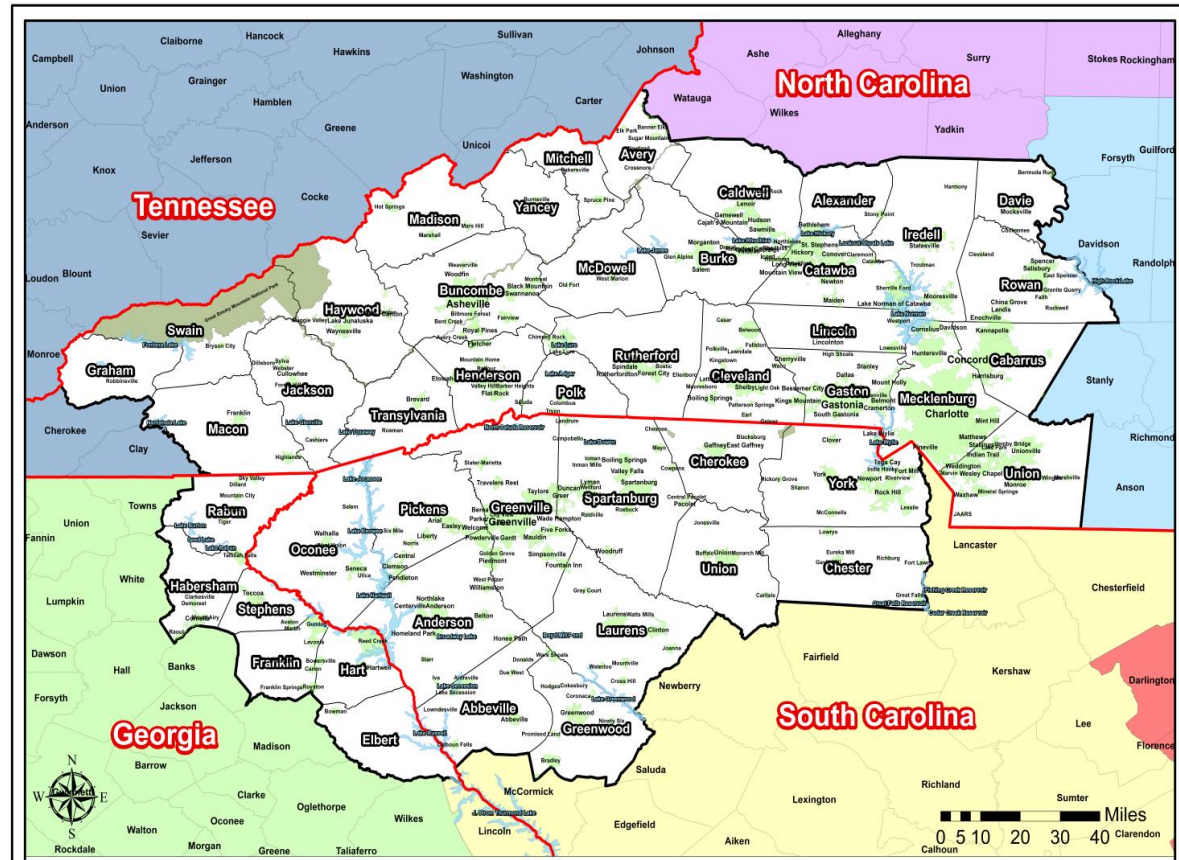
[NWS Columbia, SC](#)



[NWS Raleigh, NC](#)



[NWS Blacksburg, VA](#)

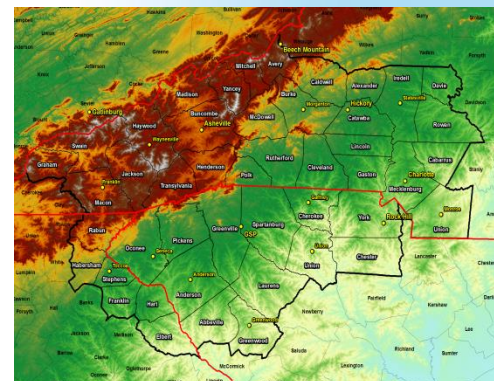


Contact and Next Briefing Information



Next Briefing
When: *As needed*
Method: *Briefing Slides PDF*

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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 5 PM EDT March 18th*