

# Heavy Snow Across the High Elevations of the NC Mountains and Accumulating Snow Mountains of NE Georgia

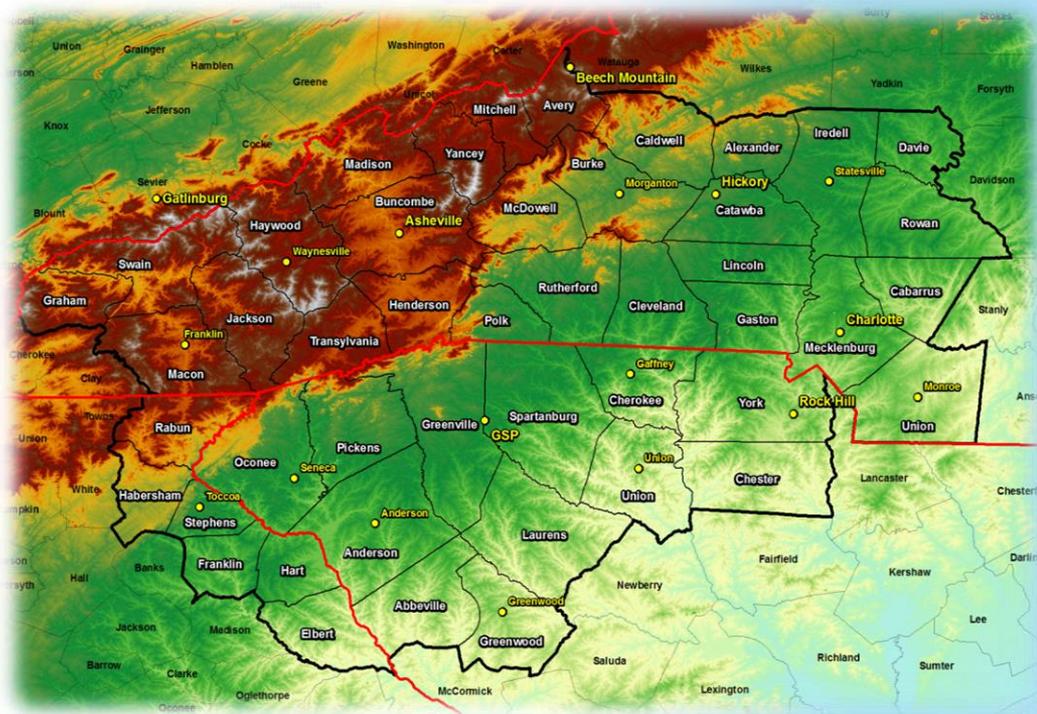
## Dangerous Wind Chill Values High Elevations Very Cold All Areas

Decision Support Briefing #6  
As of: 1/29/2019 5:30 AM



### What Has Changed?

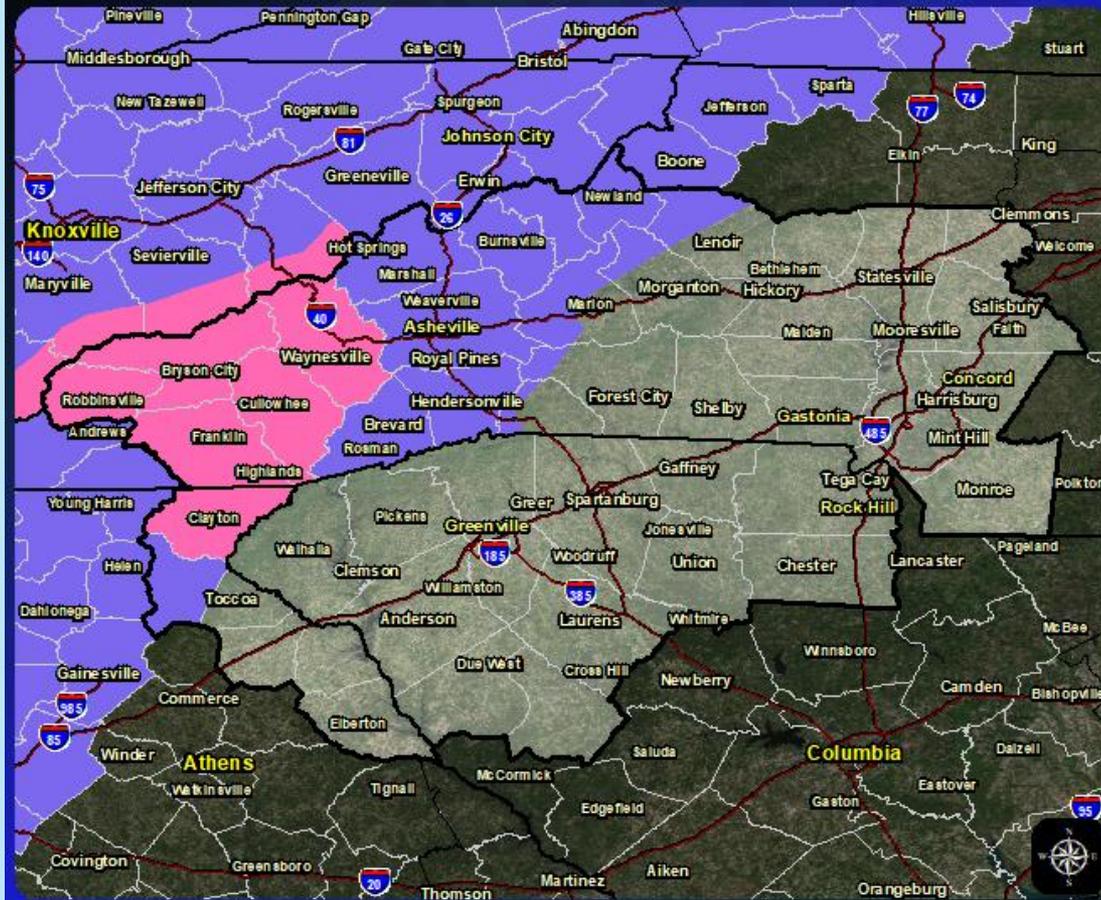
- ✓ Updated Snow Totals, Temperatures, and Wind Chill Values.





# Winter Weather Hazards

...Arctic Front Will Bring Snow Then Bitter Wind Chills To The Southern Appalachians...



 Winter Storm Warning  
 Winter Weather Advisory  
 Winter Weather Advisory

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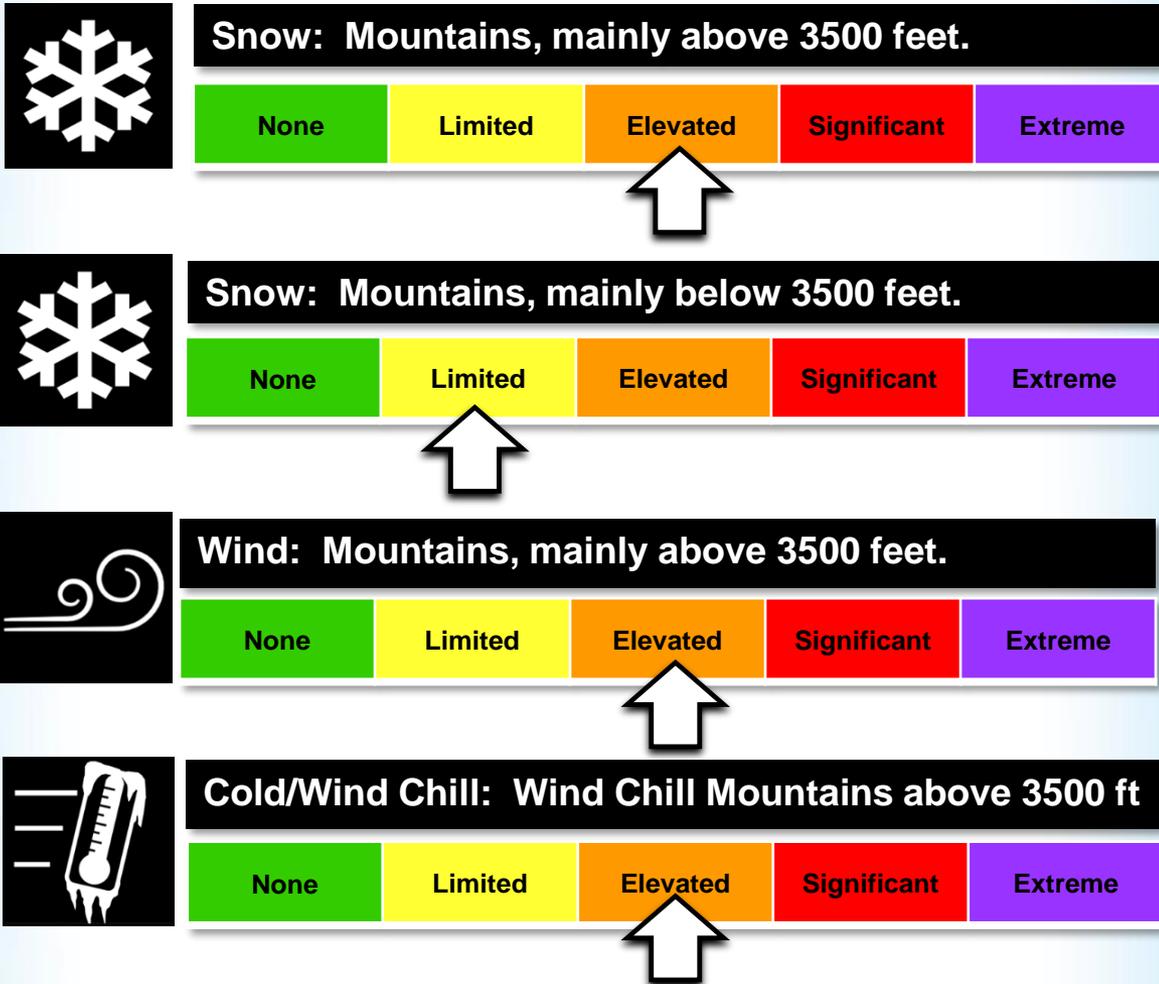

  
 noaa.gov weather.gov/gsp  
 Graphic Created:  
 01/29/2019 04:31 AM EST



# Main Points

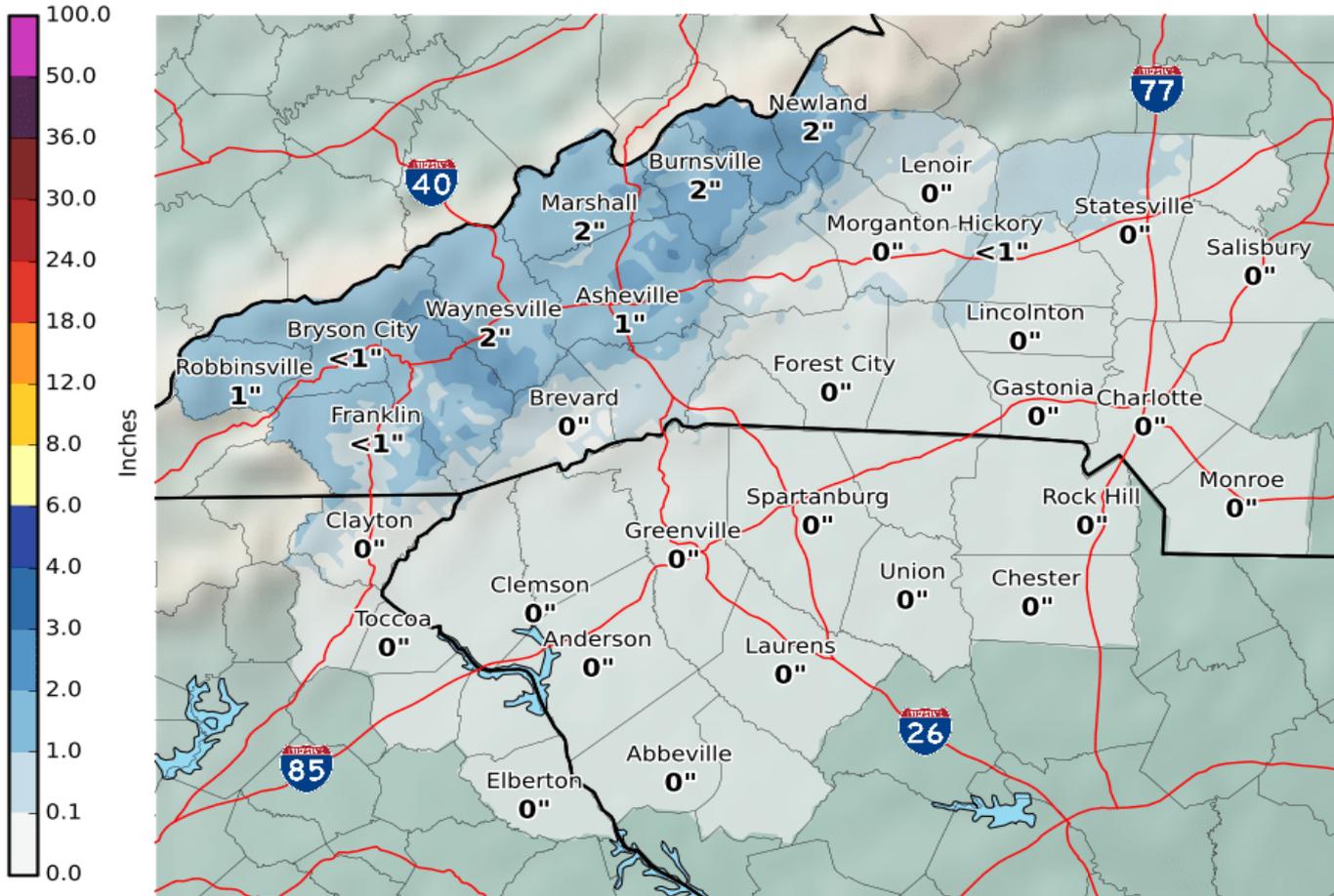
Hazard	Impacts	Location	Timing
<b>Snow</b>	Dangerous travel conditions due to slippery roads caused by heavy snowfall. Reduced visibilities in pockets of enhanced snowfall.	Heaviest snow above 3500 feet in the NC mountains, and parts of the NE Georgia mountains. Less snow across the valleys, SC mountains, and NC foothills.	Beginning prior to daybreak at higher elevations of North Carolina and northeast Georgia. Snow working down to the mountain valleys by mid morning Tuesday. Snow then tapering off through Tuesday afternoon.
<b>Wind</b>	Isolated downed trees and power lines leading to power outages.	Mainly above 3500 feet in the NC mountains.	Tuesday night and Wednesday.
<b>Cold/Wind Chill</b>	Dangerous wind chill values. Very cold temperatures could lead to infrastructure impacts. Flash Freezing of water on roads also possible.	Wind chills above 3500 feet in the NC mountains, perhaps expanding to other locations. Cold air all locations.	Tuesday night through Thursday, possibly into Thursday night

# Summary of Greatest Impacts



## Expected Snowfall - Official NWS Forecast

Valid: 01/29/2019 07:00 AM - 01/30/2019 07:00 AM EST

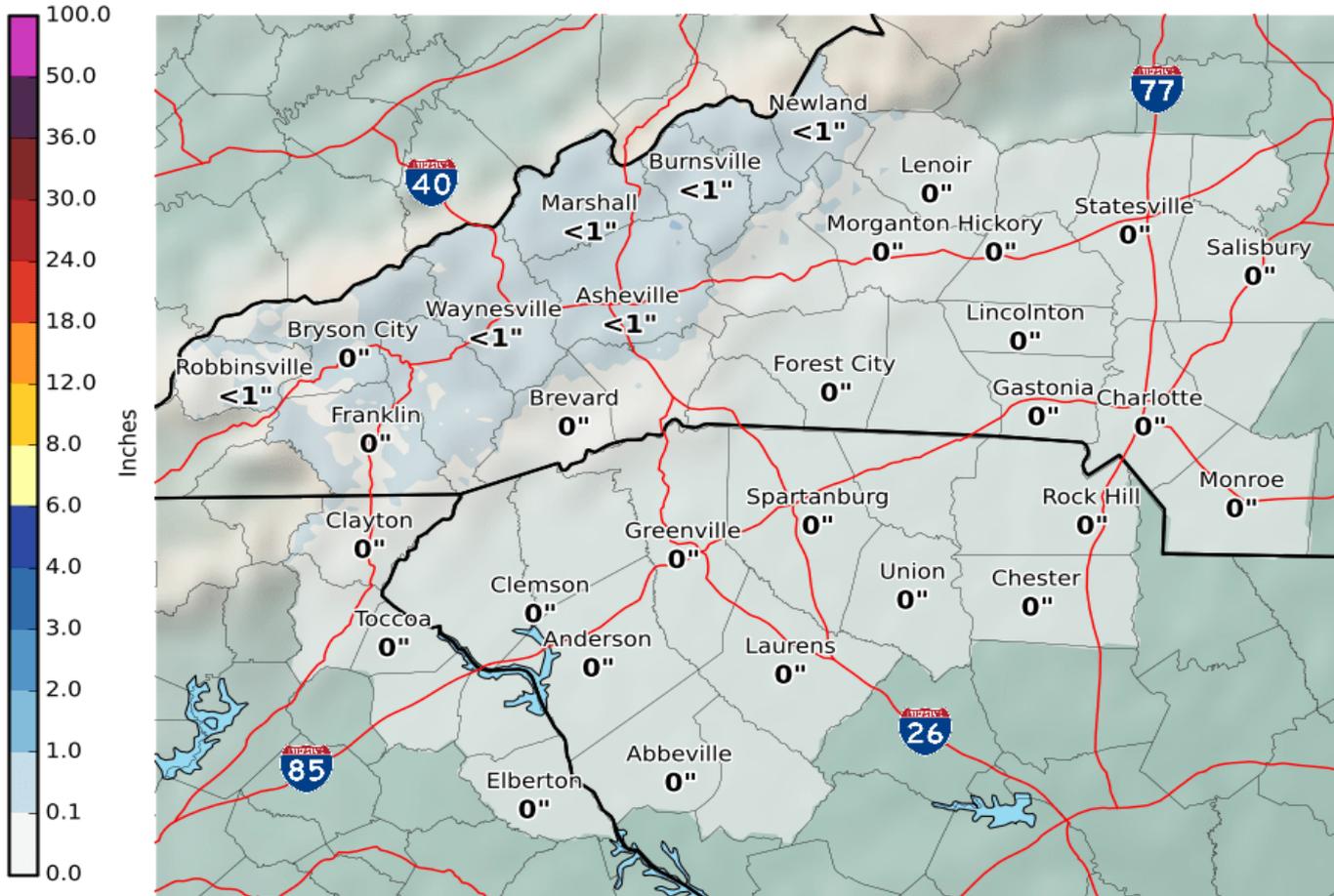


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## Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

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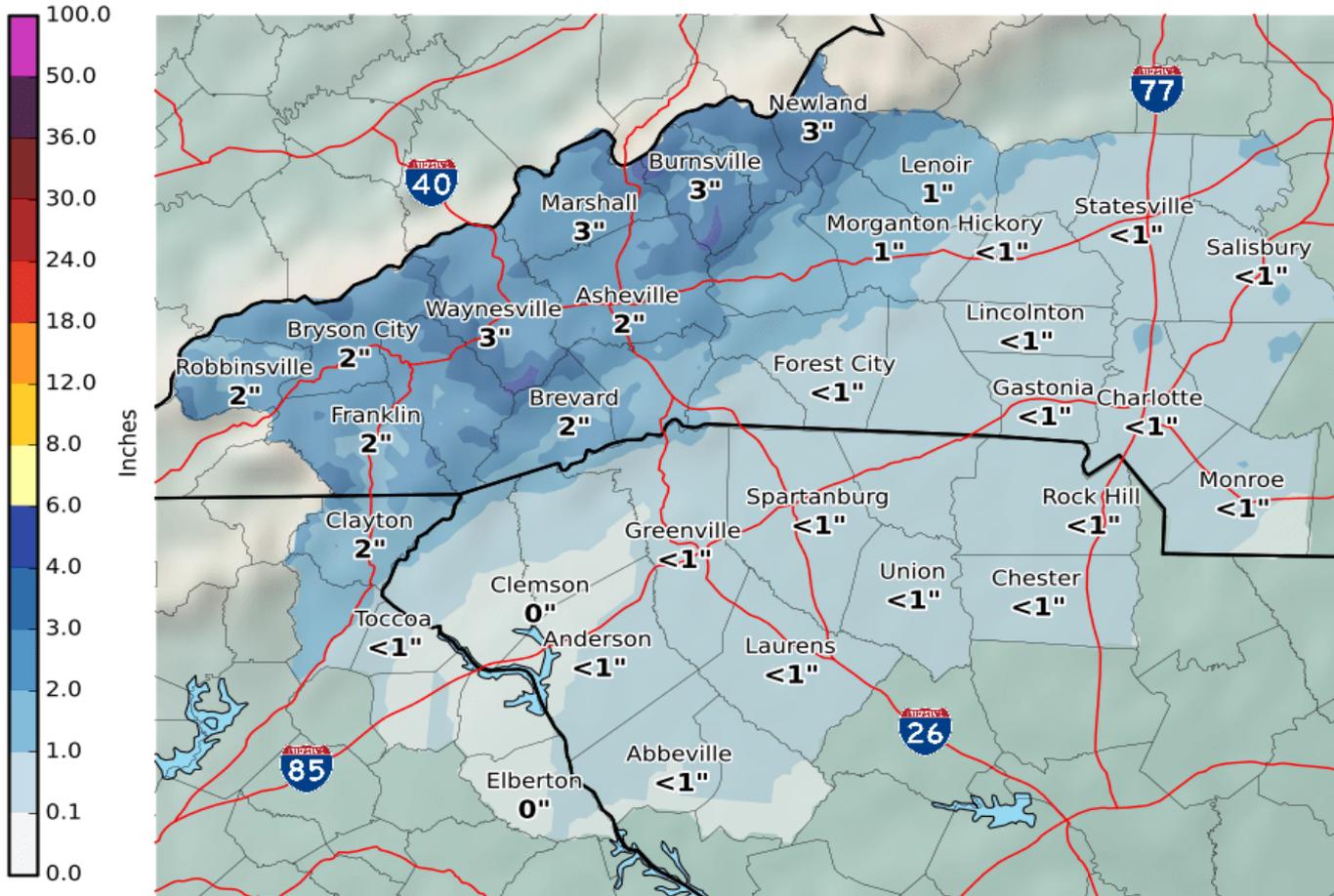


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## High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

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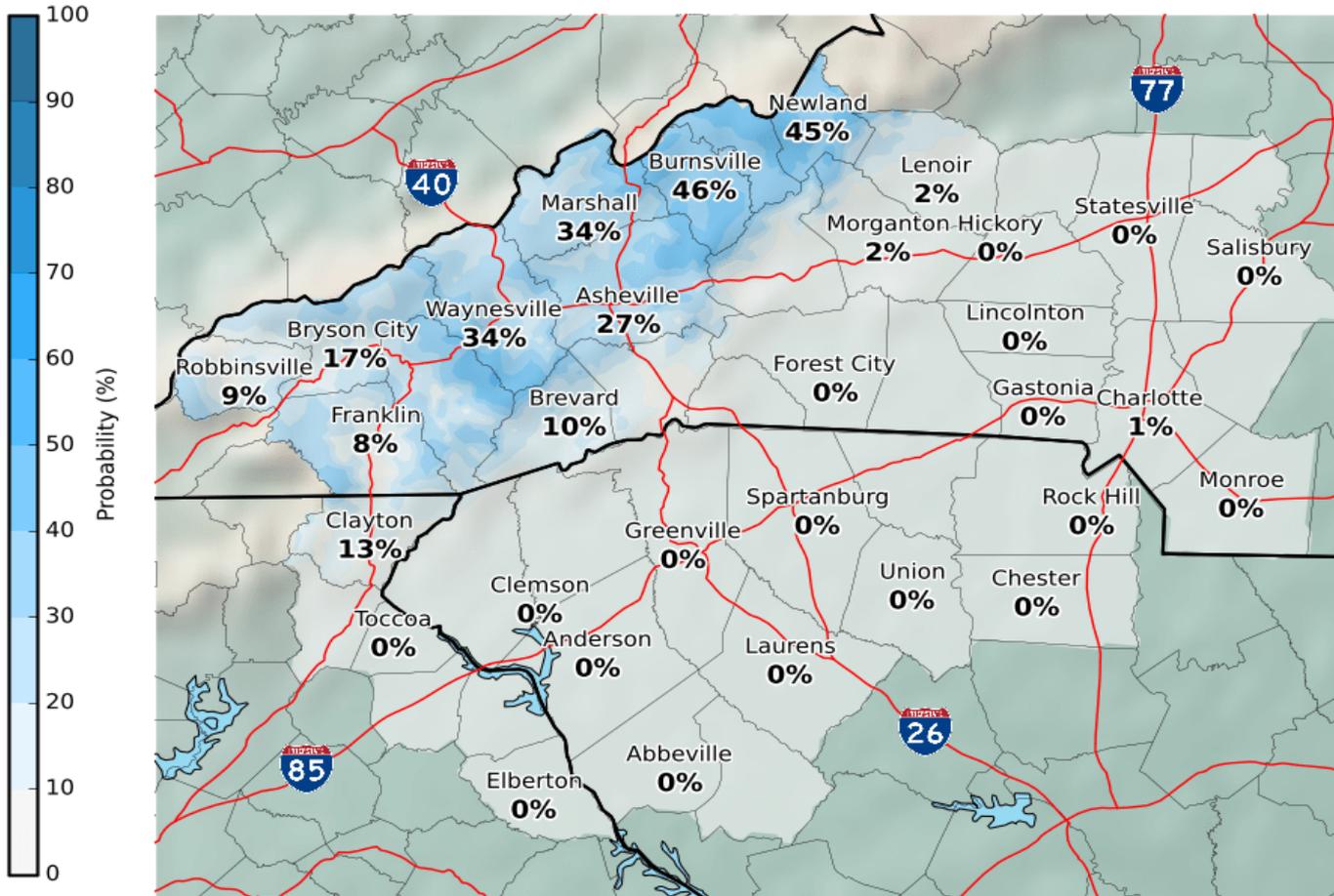


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## Percent Chance of 2" Snow or More

Valid: 01/29/2019 07:00 AM - 01/30/2019 07:00 AM EST

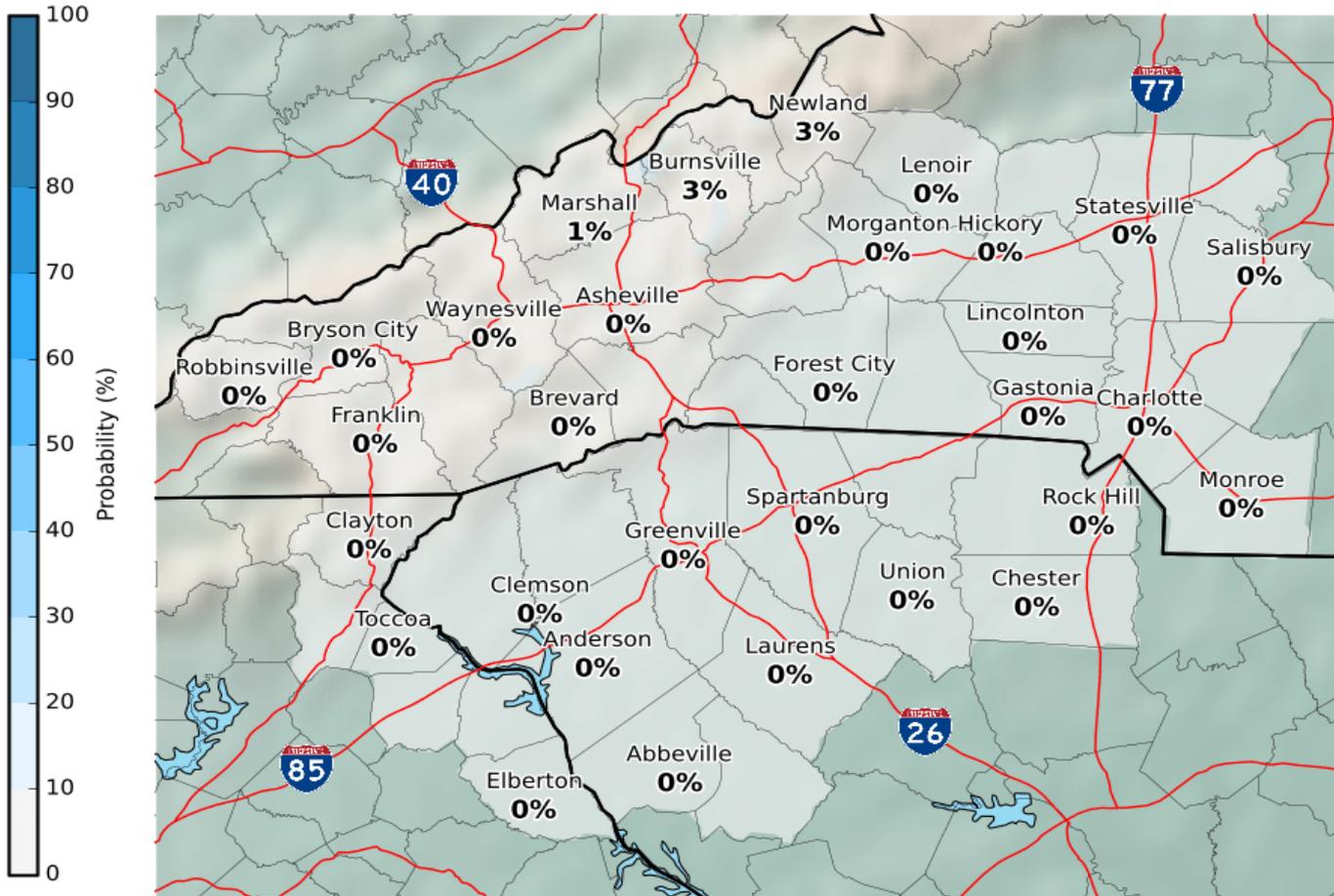


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## Percent Chance of 4" Snow or More

Valid: 01/29/2019 07:00 AM - 01/30/2019 07:00 AM EST

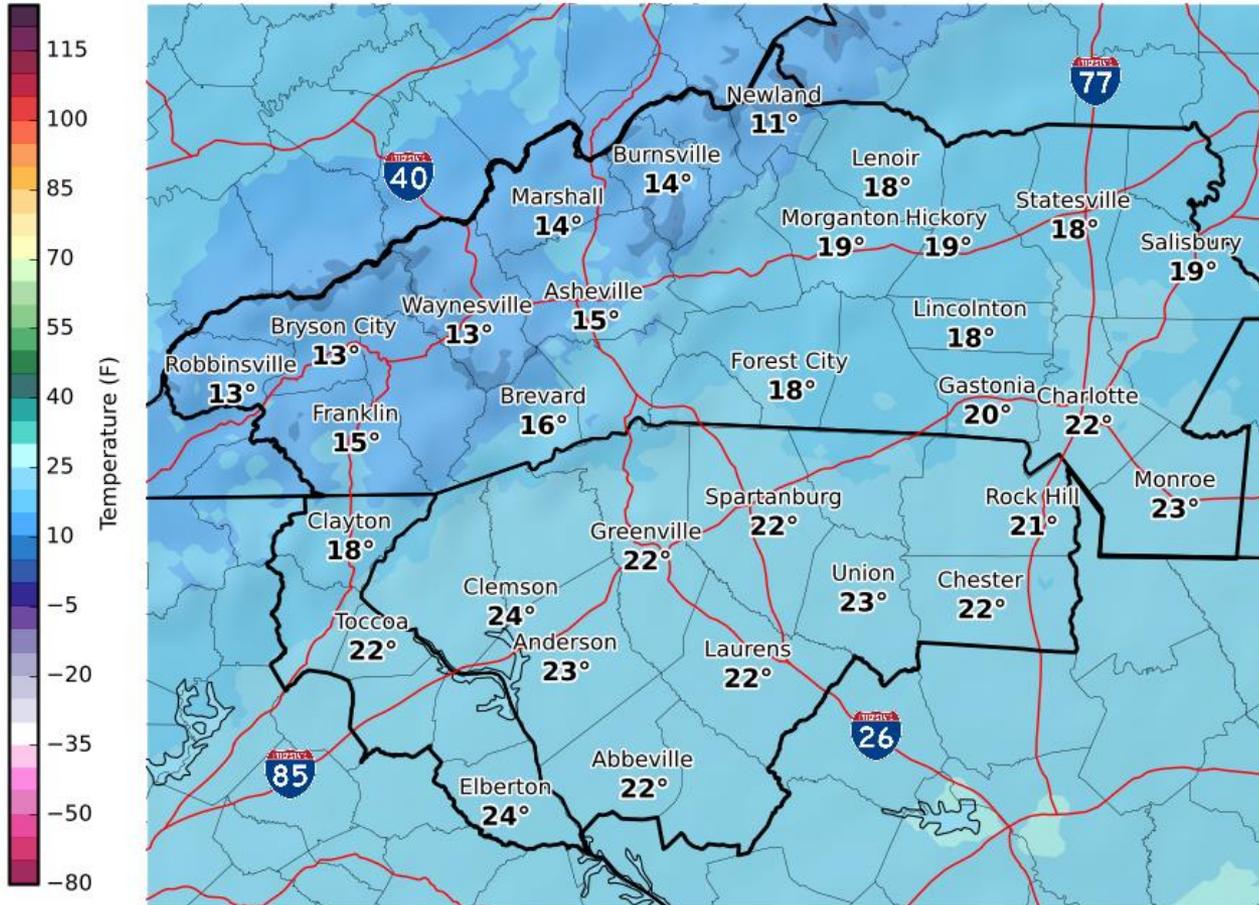


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## Wednesday Minimum Temperature

Valid: January 30, 2019

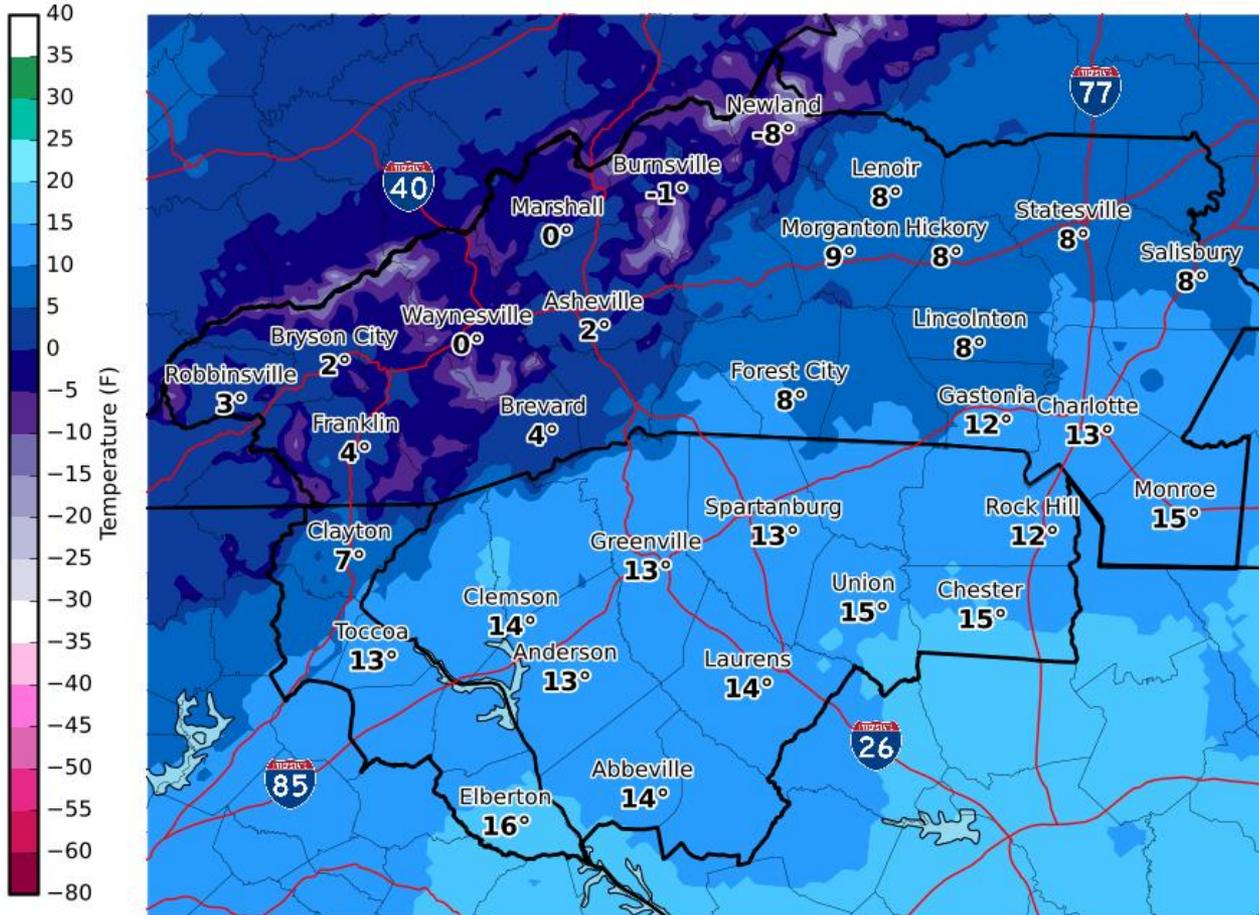


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## Wednesday Minimum Wind Chill

Valid: 01/30/2019 12:00 AM - 01/31/2019 12:00 AM EST

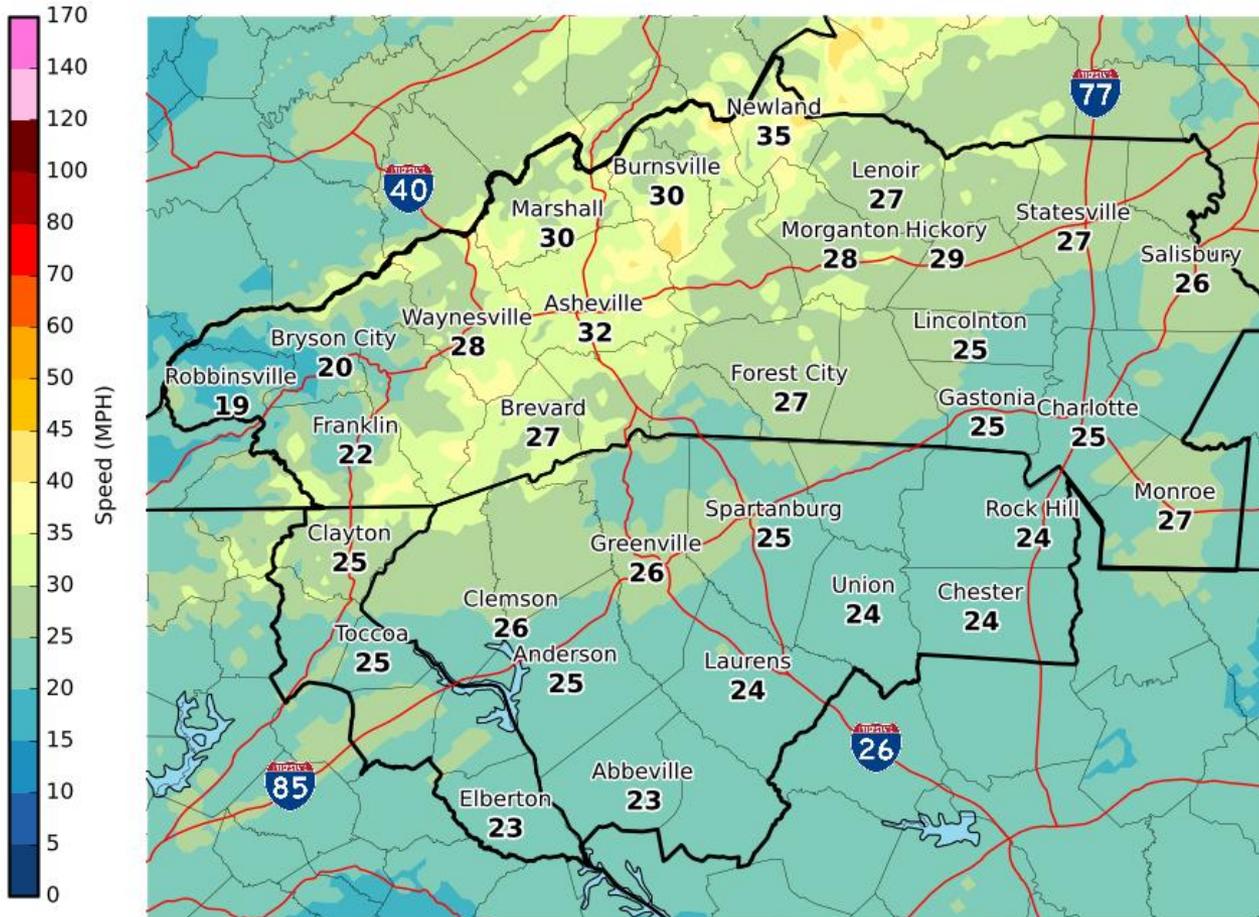


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## Wednesday Maximum Wind Gusts

Valid: 01/30/2019 12:00 AM - 01/31/2019 12:00 AM EST

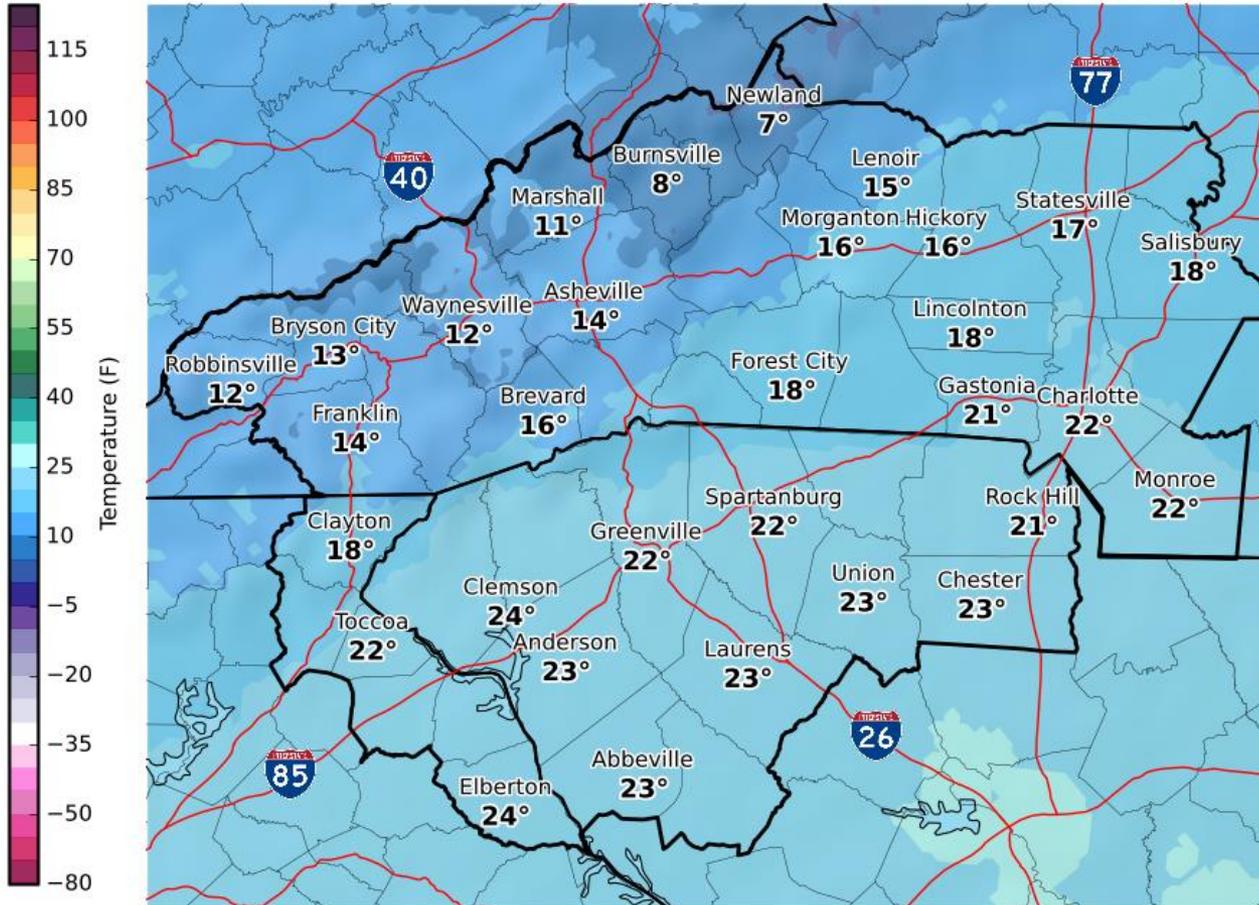


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## Thursday Minimum Temperature

Valid: January 31, 2019

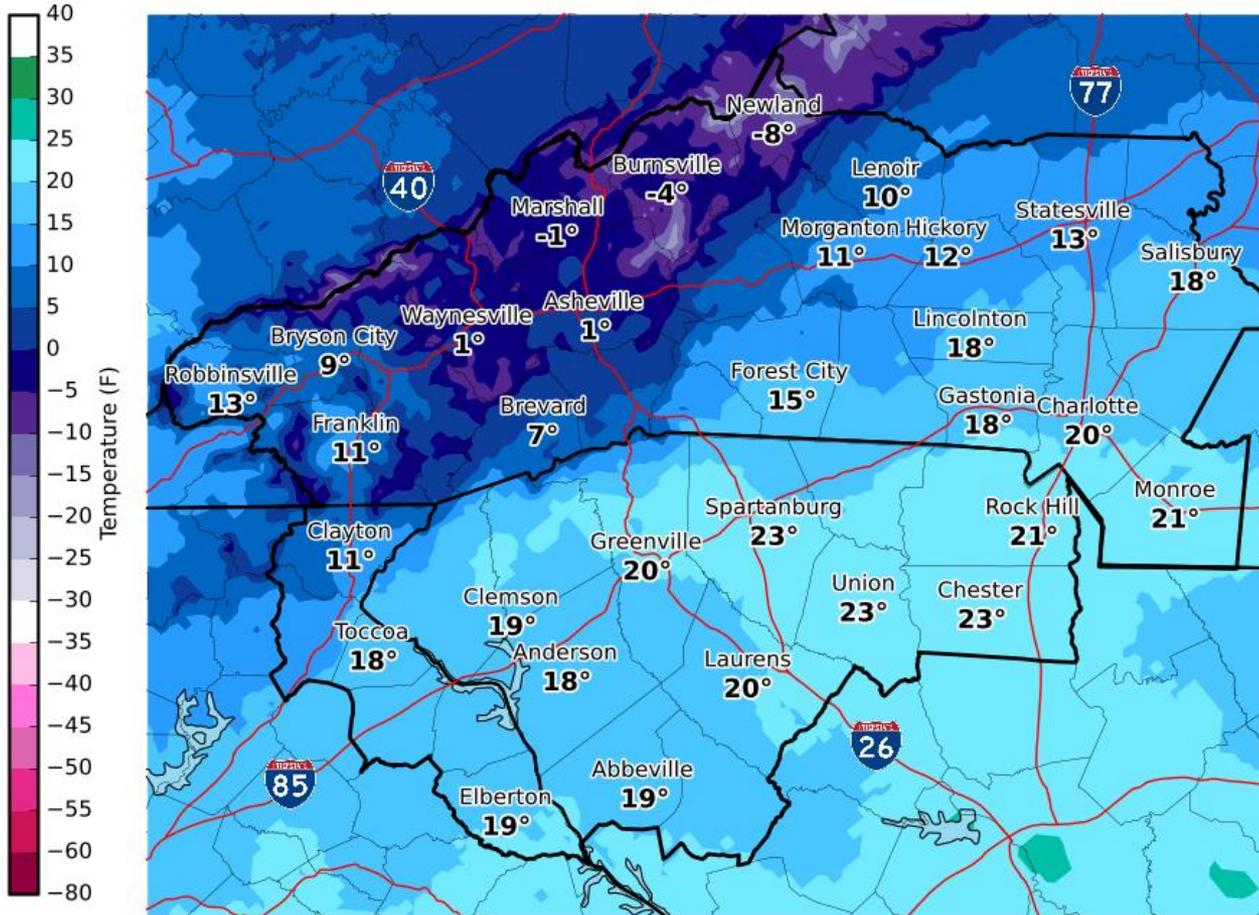


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## Thursday Minimum Wind Chill

Valid: 01/31/2019 12:00 AM - 02/01/2019 12:00 AM EST

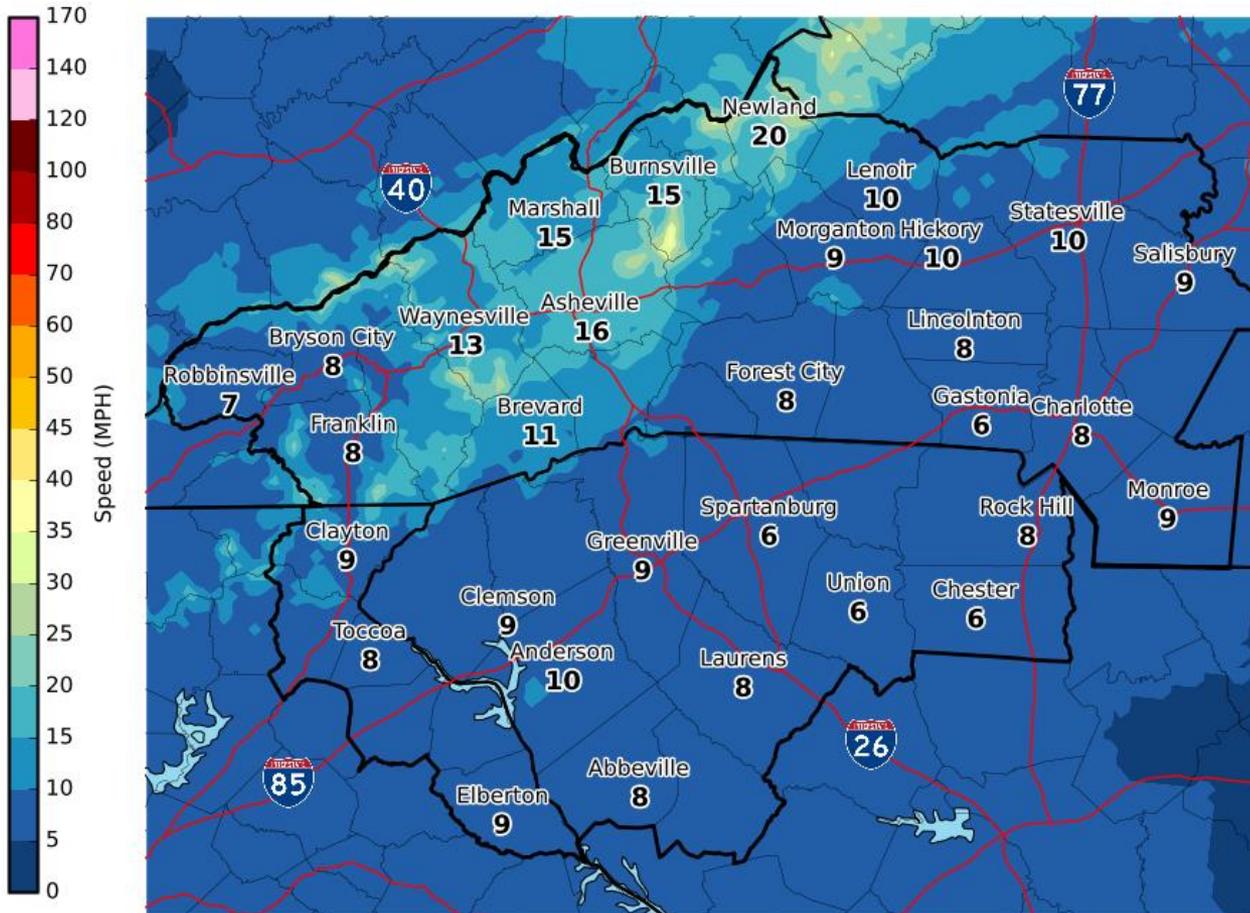


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## Thursday Maximum Wind Gusts

Valid: 01/31/2019 12:00 AM - 02/01/2019 12:00 AM EST



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# Event Summary

- ✓ A strong cold front will cross the area today. Heavy snow will fall across parts of the higher elevations of the NC mountains, with lower amounts in the valleys. Additionally, accumulating snow is expected over the mountains of northeast Georgia.
- ✓ Light snow is also possible across other areas in northeast Georgia, the SC mountains, and NC foothills.
- ✓ A very cold air mass will move in behind the front with wind chill readings averaging 5 below to 15 below zero in the mountains of western North Carolina by Wednesday morning. This could lead to infrastructure impacts, such as frozen pipes and high energy usage.
- ✓ The cold will continue region-wide Wednesday and Thursday. Bitter cold wind chills in some areas of the mountains. Continued potential of infrastructure impacts, such as frozen pipes and high energy usage.
- ✓ Wind gusts will be high enough across the higher elevations of the NC mountains Wednesday to produce isolated to scattered downed trees and power lines.





# Regional NWS Office Contacts

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[NWS Morristown, TN](#)



[NWS Atlanta, GA](#)



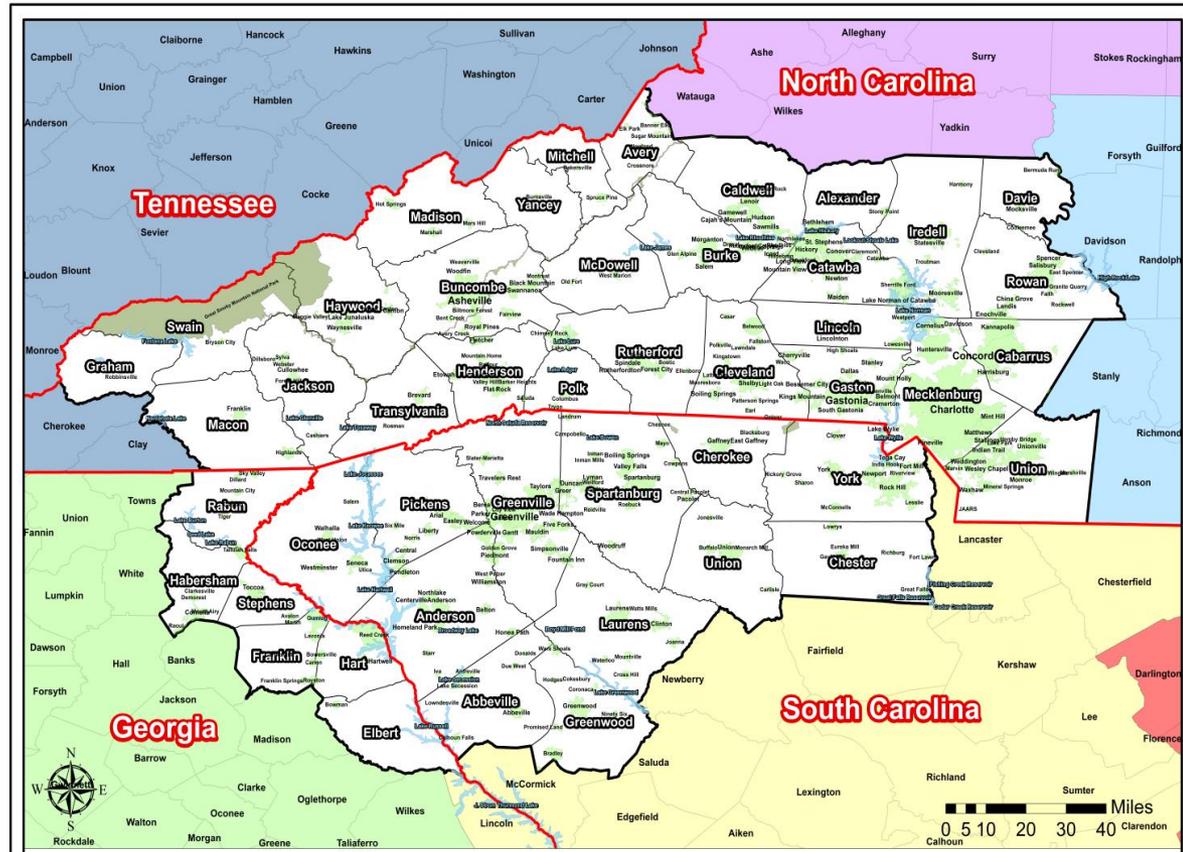
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[NWS Raleigh, NC](#)



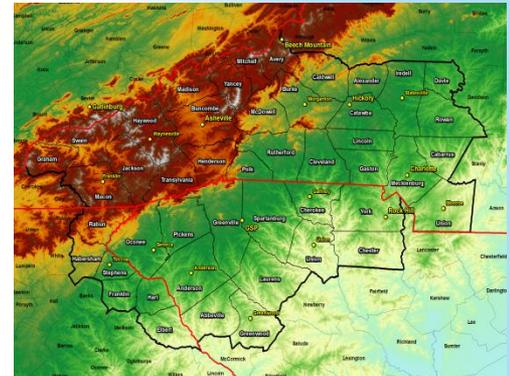
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# Contact and Next Briefing Information



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*When: By 6 PM 1/29/2019*  
*Method: Briefing Package*



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