

Heavy Snow Across the High Elevations of the NC Mountains

Dangerous Wind Chill Values High Elevations

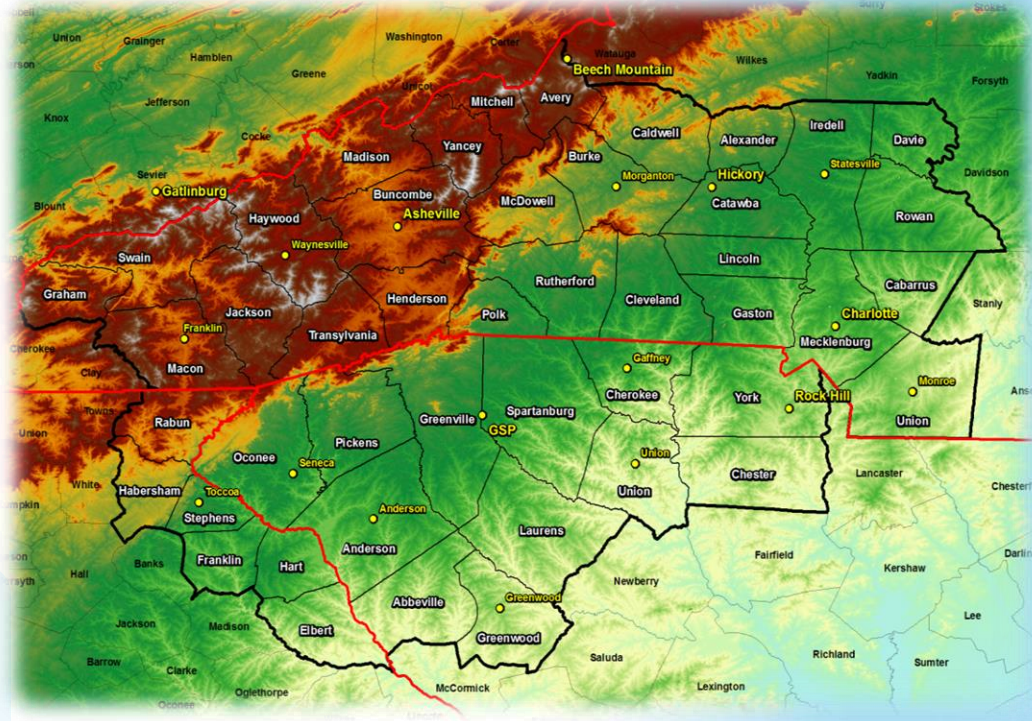
Very Cold All Areas

Decision Support Briefing #4 As of: 1/28/2019 5:05 AM



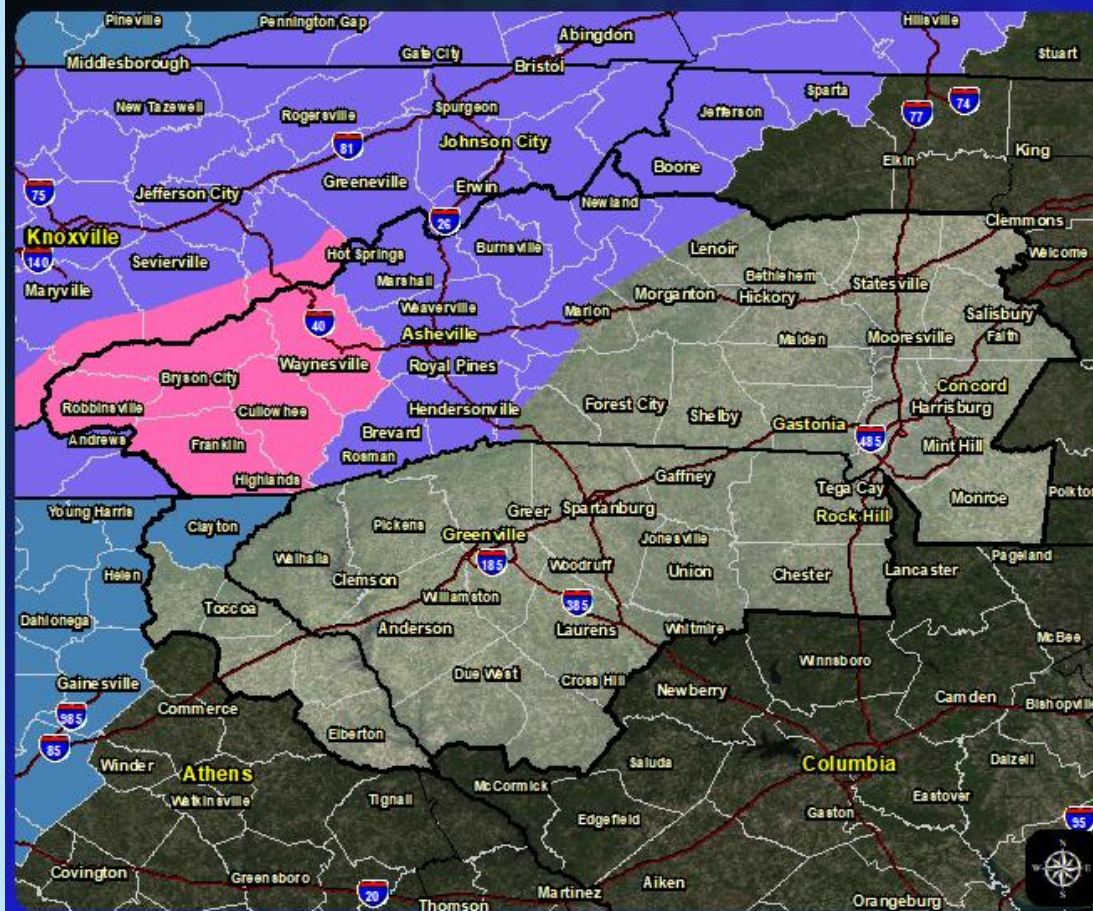
What Has Changed?

- ✓ Winter Storm Warning and Advisories issued.
- ✓ Updated Snow Totals, Temperatures, and Wind Chill Values



Winter Weather Hazards

...Arctic Front Will Bring Snow To The Southern Appalachians...



Winter Storm
Warning
Winter Storm
Watch
Winter Weather
Advisory

 @NW SG SP
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noaa.gov weather.gov/gsp
Graphic Created:
01/28/2019 04:46 AM EST

Main Points

Hazard	Impacts	Location	Timing
Snow	Dangerous travel conditions due to slippery roads caused by heavy snowfall.	Heaviest snow above 3500 feet in the NC mountains. Less snow across the valleys, SC/GA mountains, and NC foothills.	Beginning early Tuesday morning at high elevations and mountain valleys by mid-morning Tuesday. Tapering off through Tuesday afternoon.
Wind	Isolated downed trees and power lines leading to power outages.	Mainly above 3500 feet in the NC mountains.	Tuesday night and Wednesday.
Cold/Wind Chill	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. Cold air all locations.	Tuesday night through Thursday, possibly into Thursday night

Summary of Greatest Impacts



Snow: Mountains, mainly above 3500 feet.

None

Limited

Elevated

Significant

Extreme



Snow: Mountains, mainly below 3500 feet.

None

Limited

Elevated

Significant

Extreme



Wind: Mountains, mainly above 3500 feet.

None

Limited

Elevated

Significant

Extreme



Cold/Wind Chill: Wind Chill Mountains above 3500 ft

None

Limited

Elevated

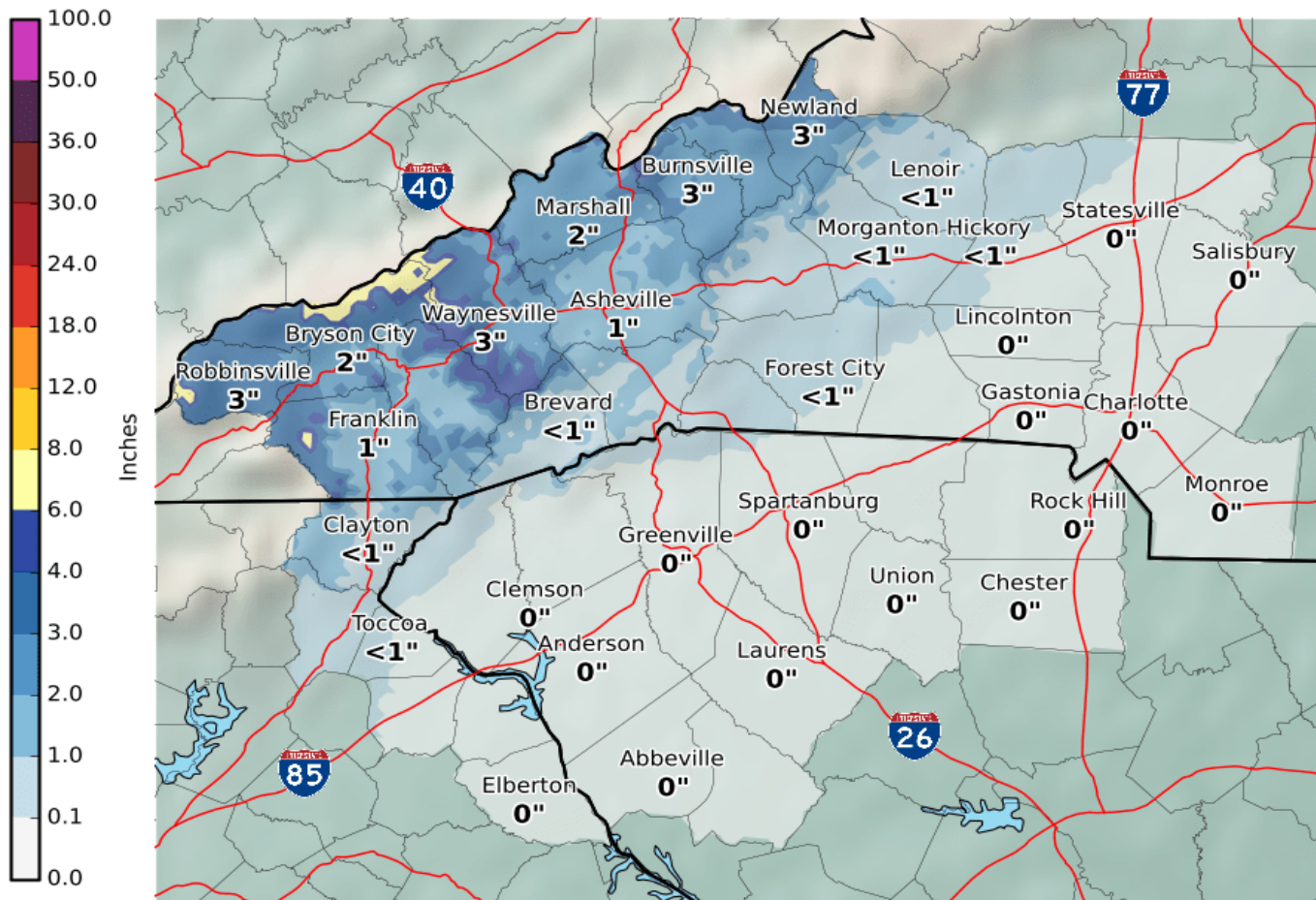
Significant

Extreme



Expected Snowfall - Official NWS Forecast

Valid: 01/29/2019 01:00 AM - 01/29/2019 07:00 PM



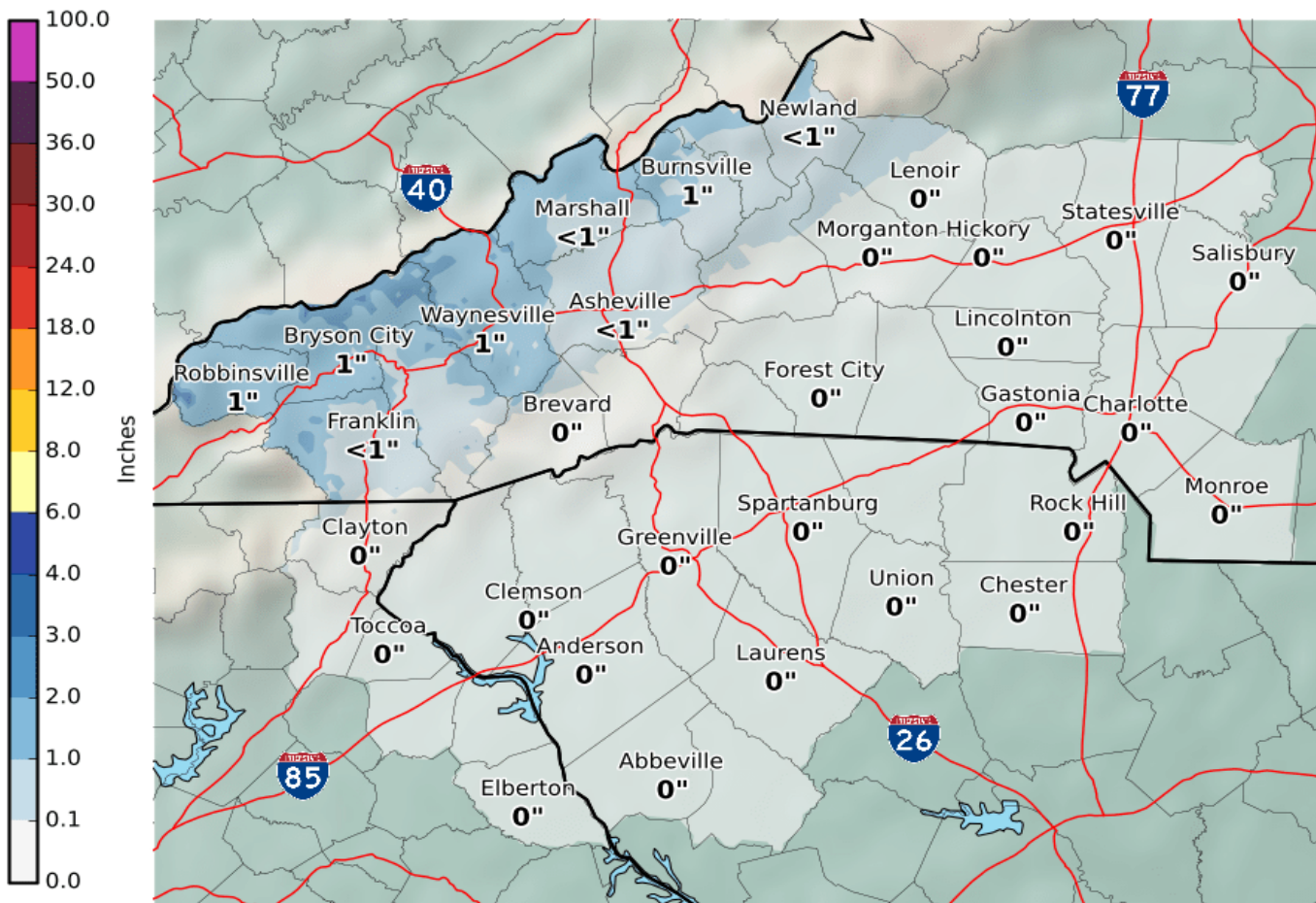
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Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

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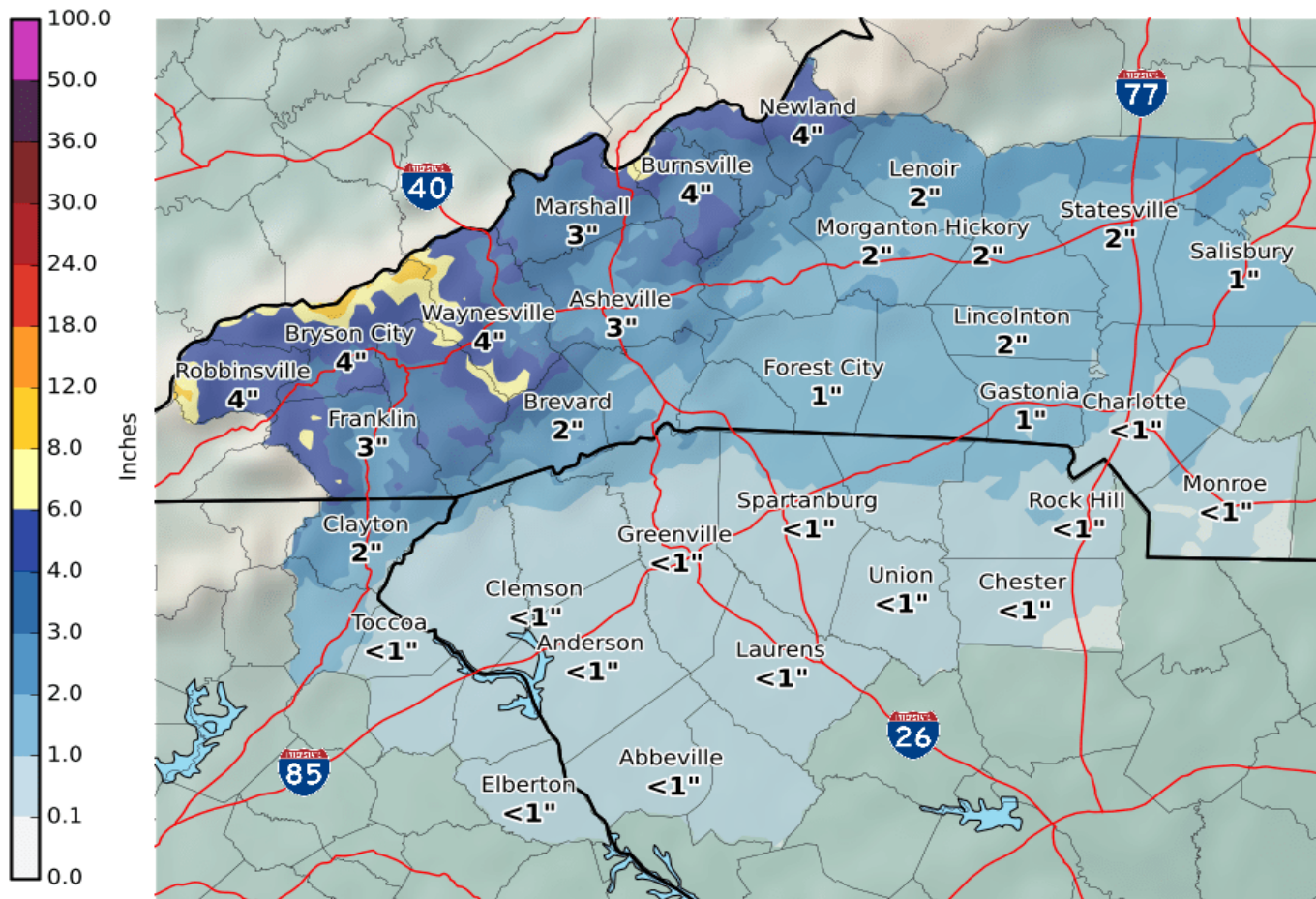


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High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

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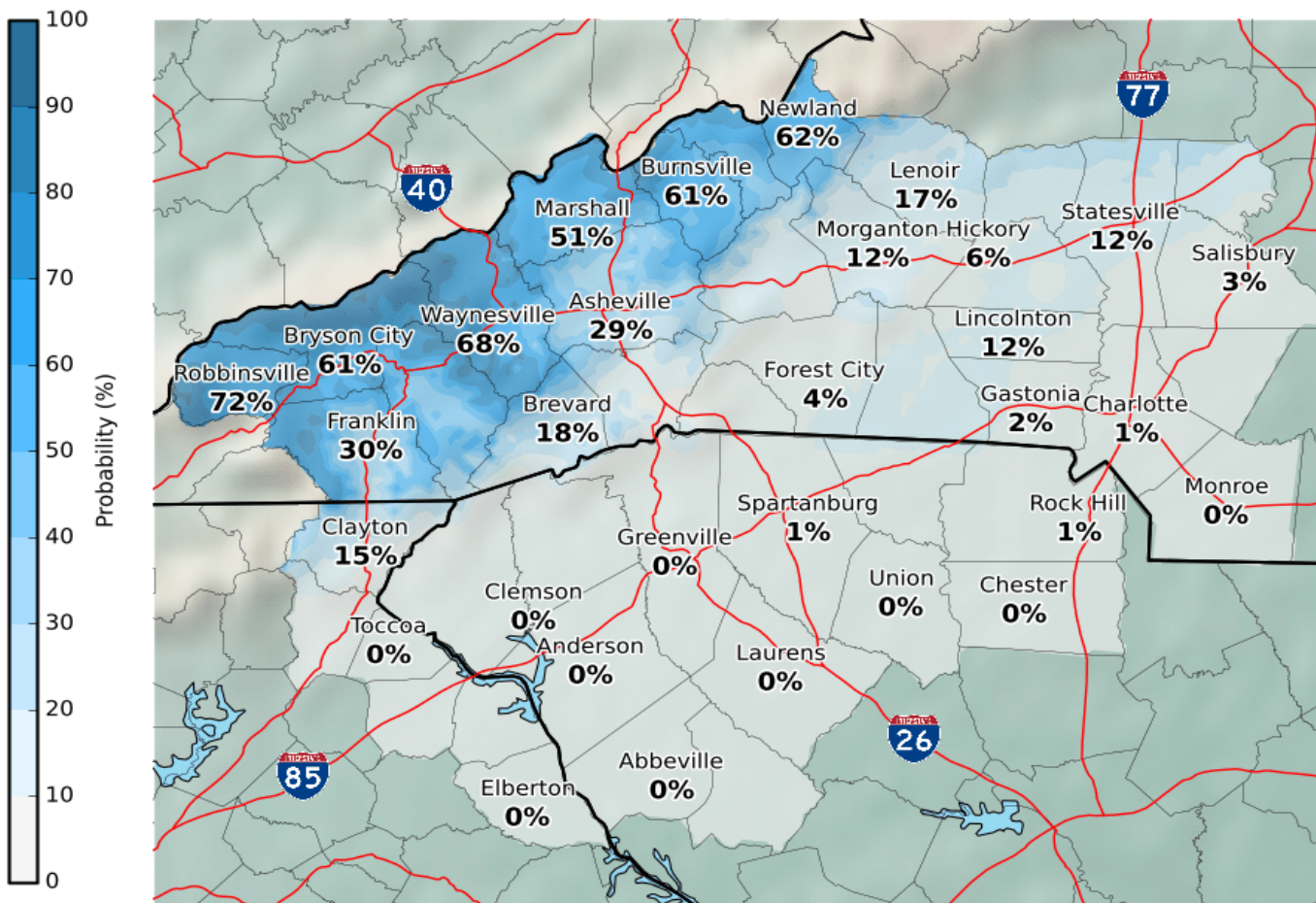
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Percent Chance of 2" Snow or More

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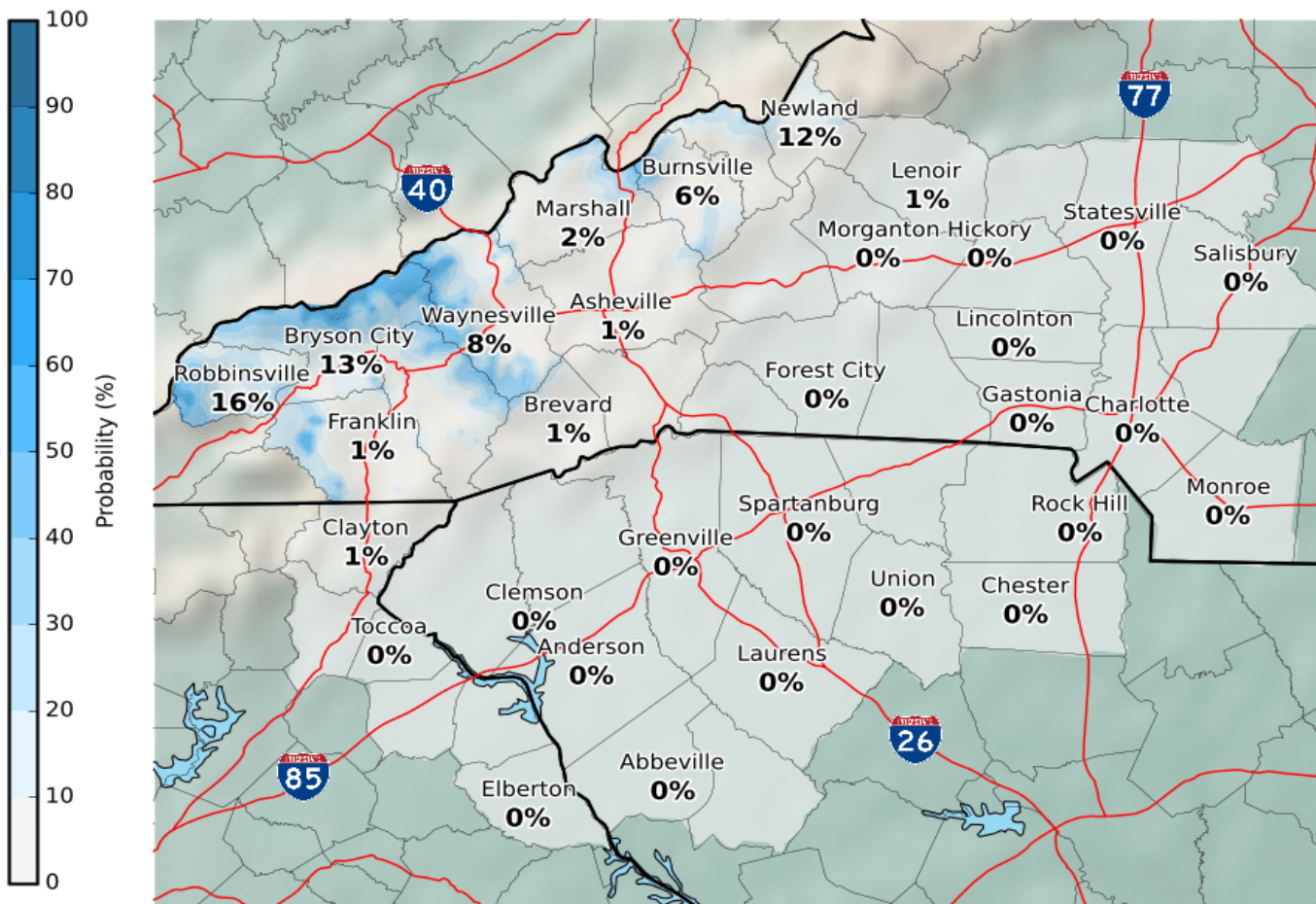


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Percent Chance of 4" Snow or More

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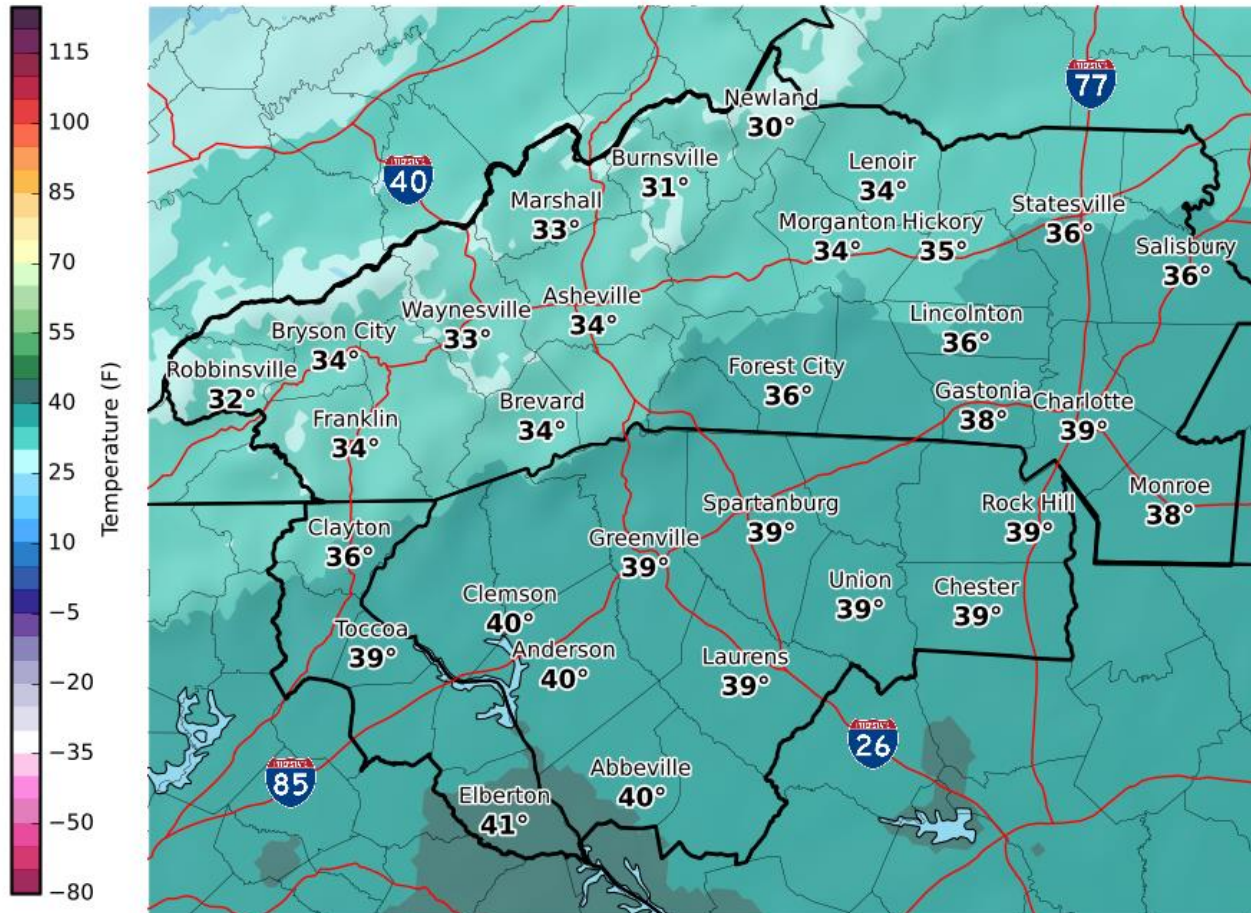


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Tuesday Minimum Temperature

Valid: January 29, 2019

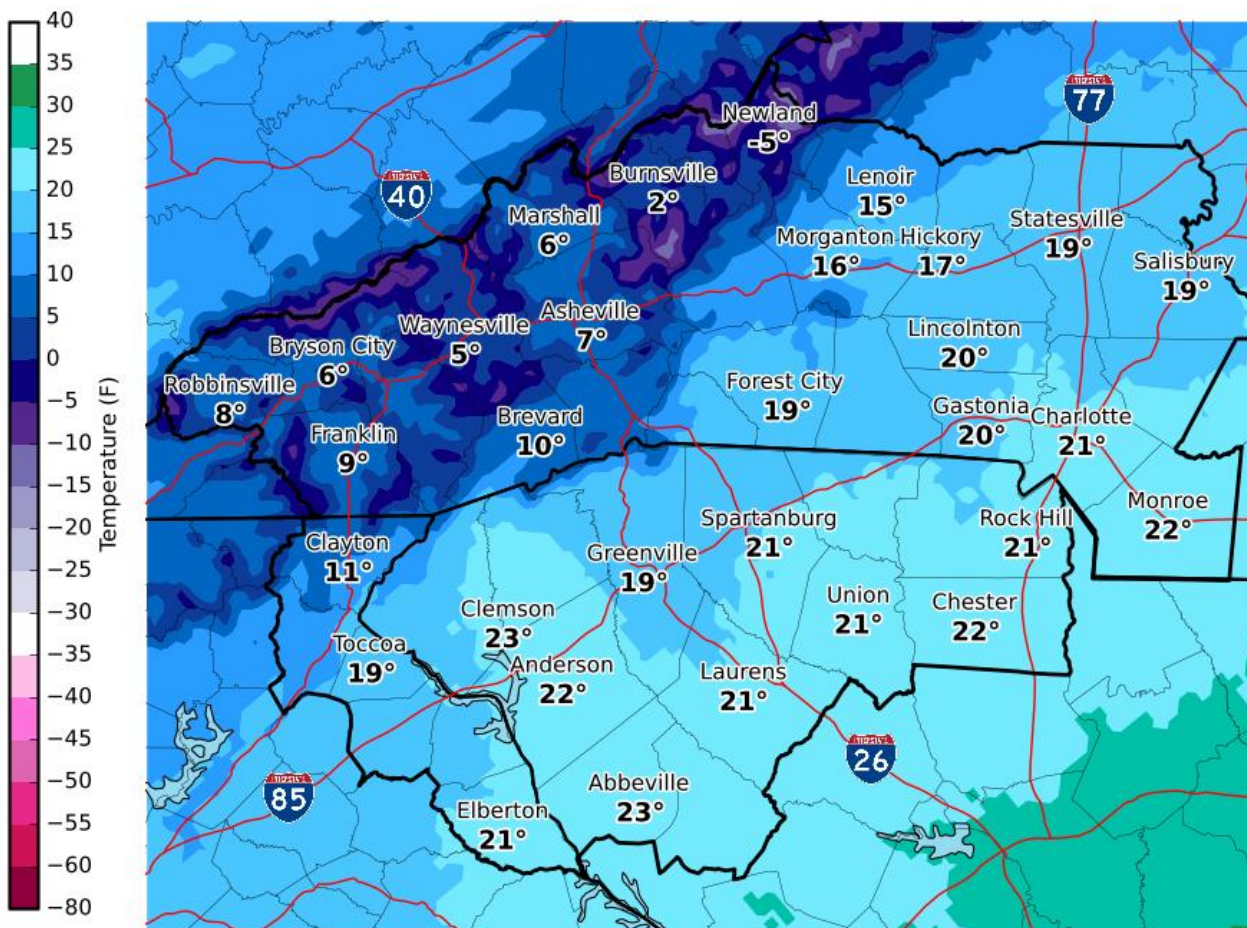


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Tuesday Minimum Wind Chill

Valid: 01/29/2019 12:00 AM - 01/30/2019 12:00 AM EST

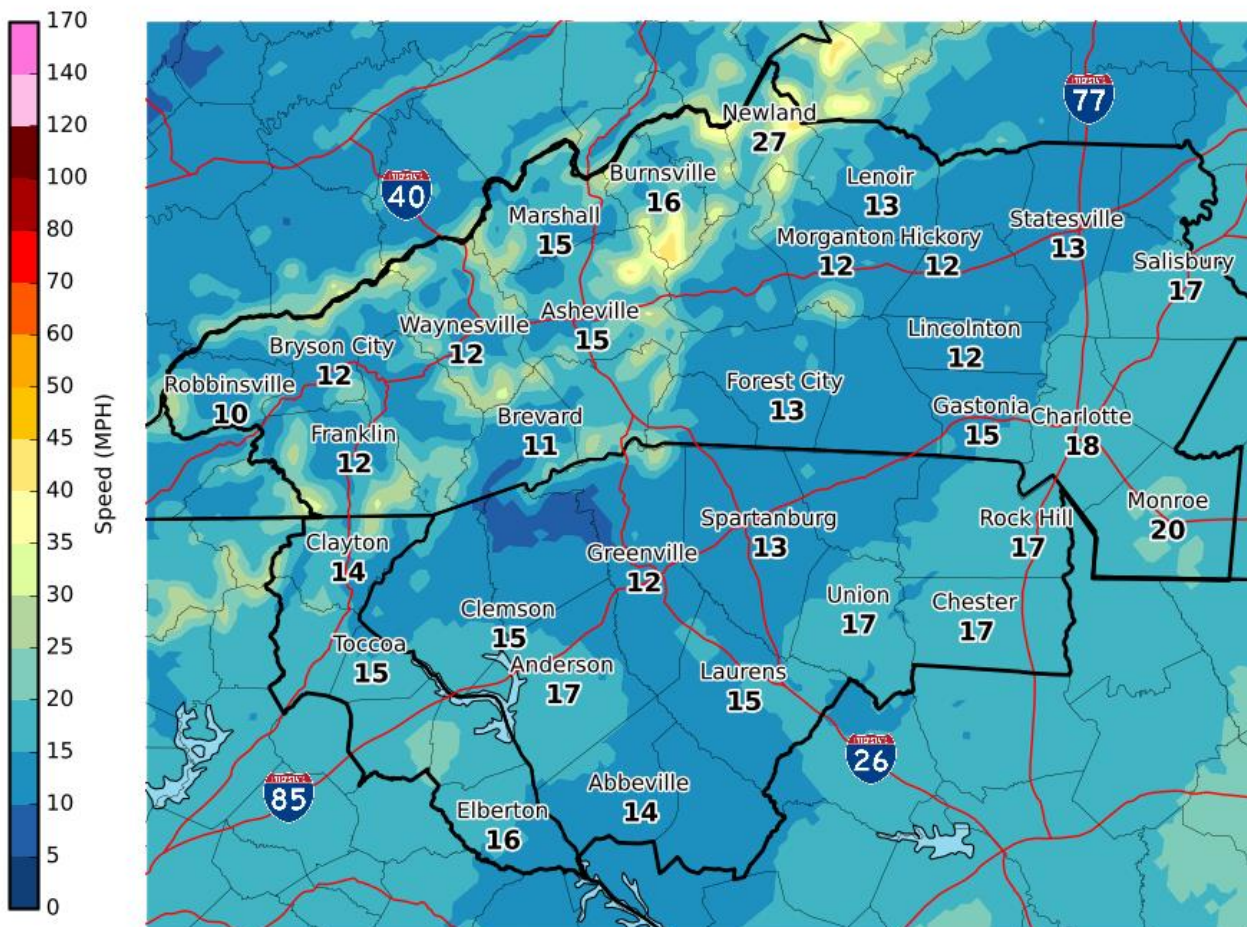


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Tuesday Maximum Wind Gusts

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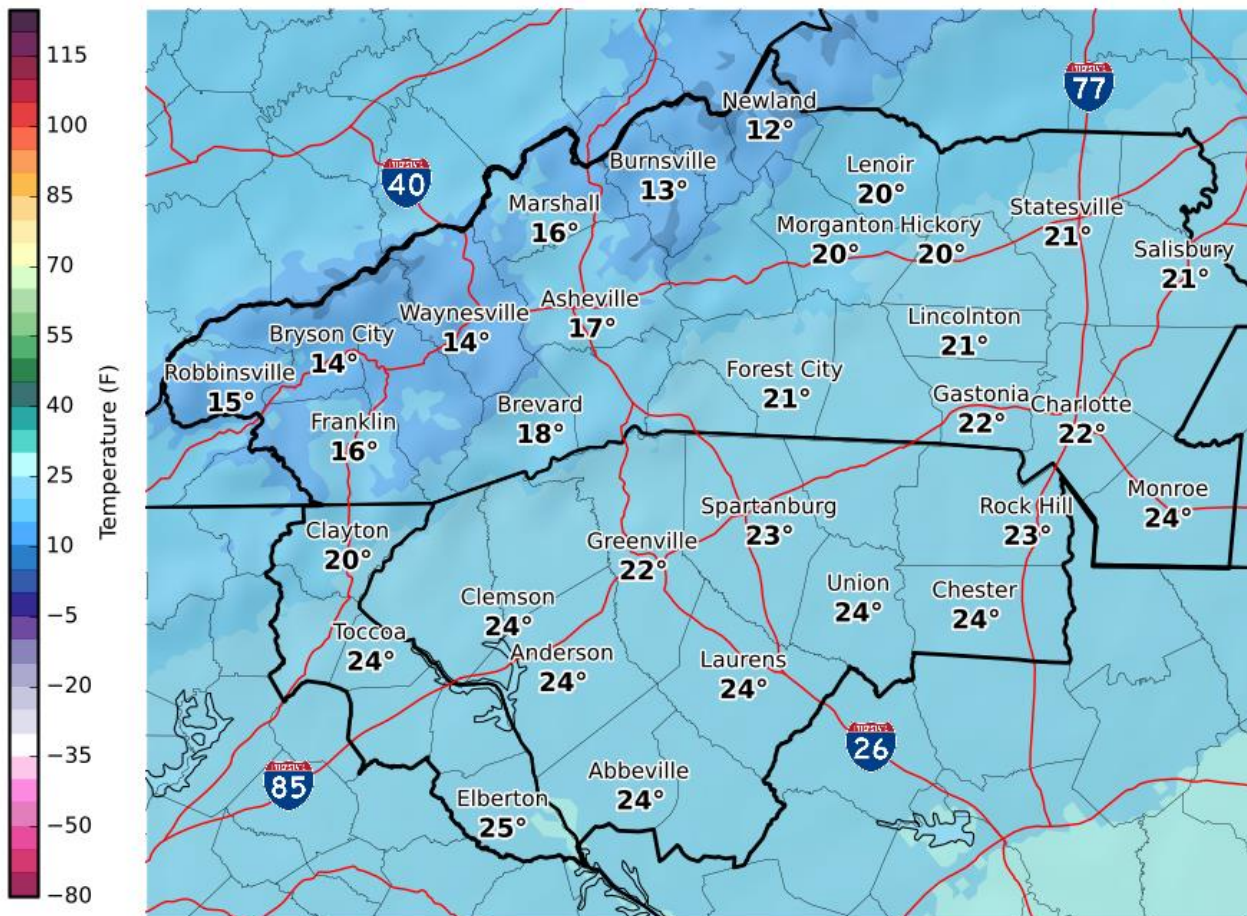


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Wednesday Minimum Temperature

Valid: January 30, 2019

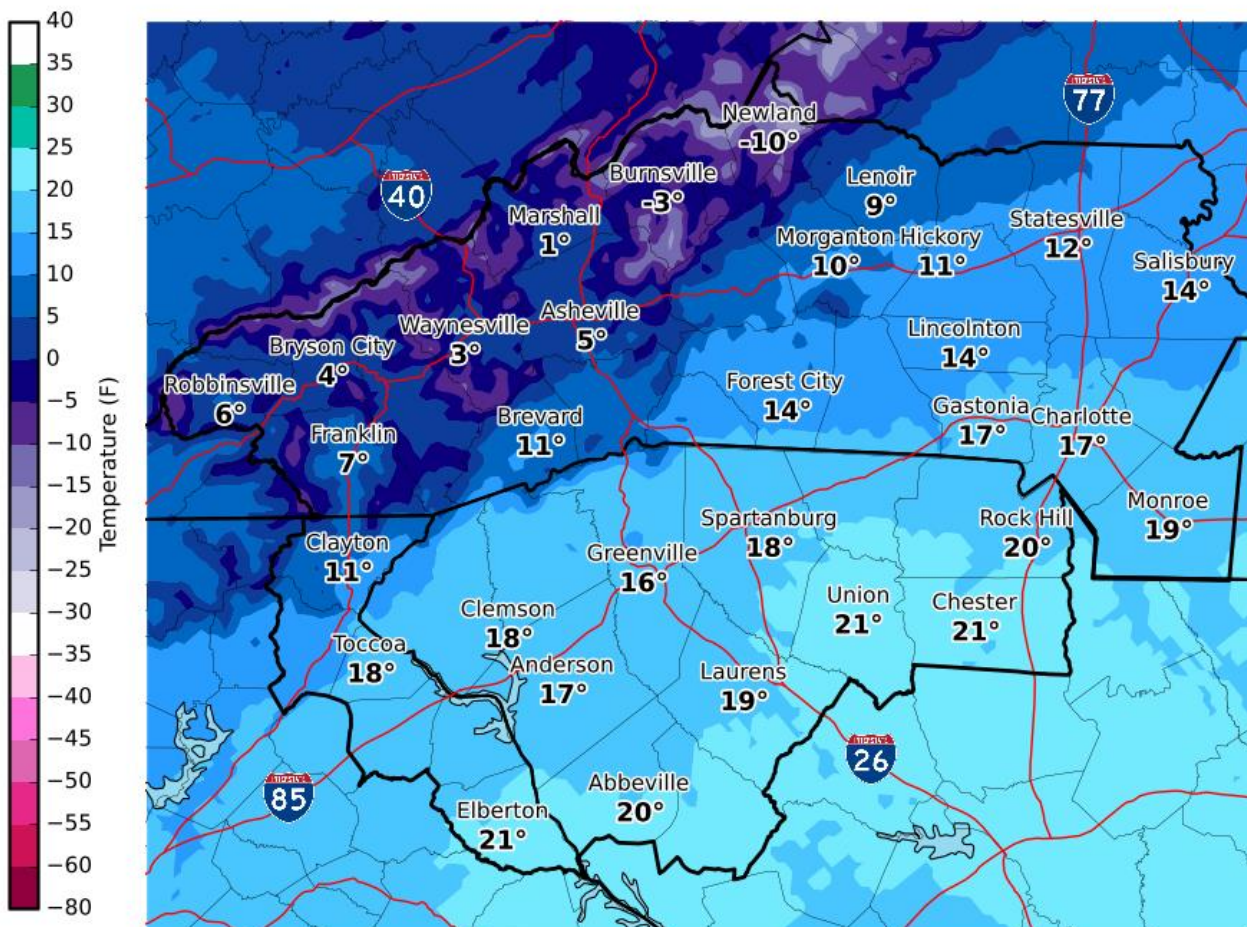


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Wednesday Minimum Wind Chill

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

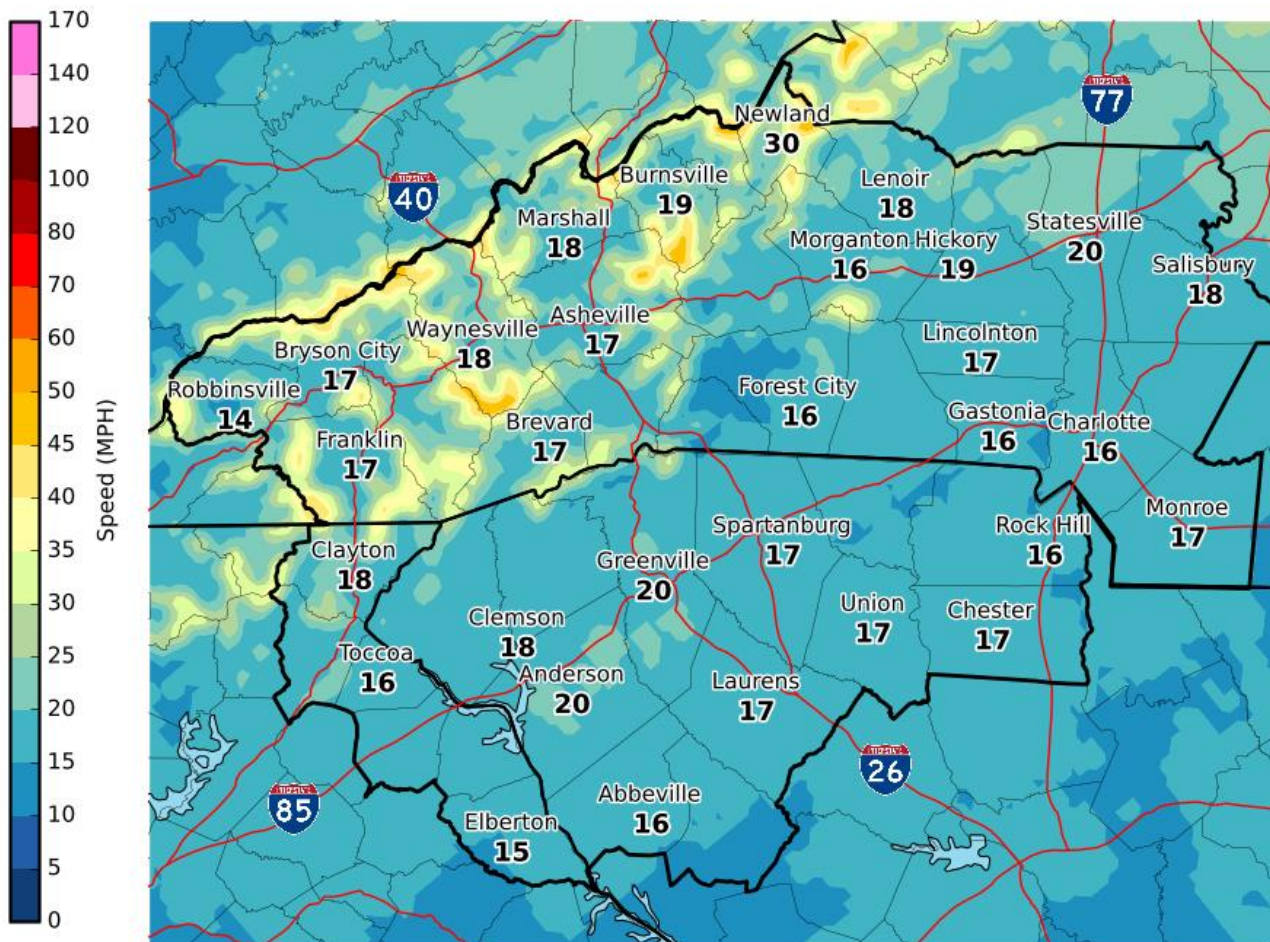


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Wednesday Maximum Wind Gusts

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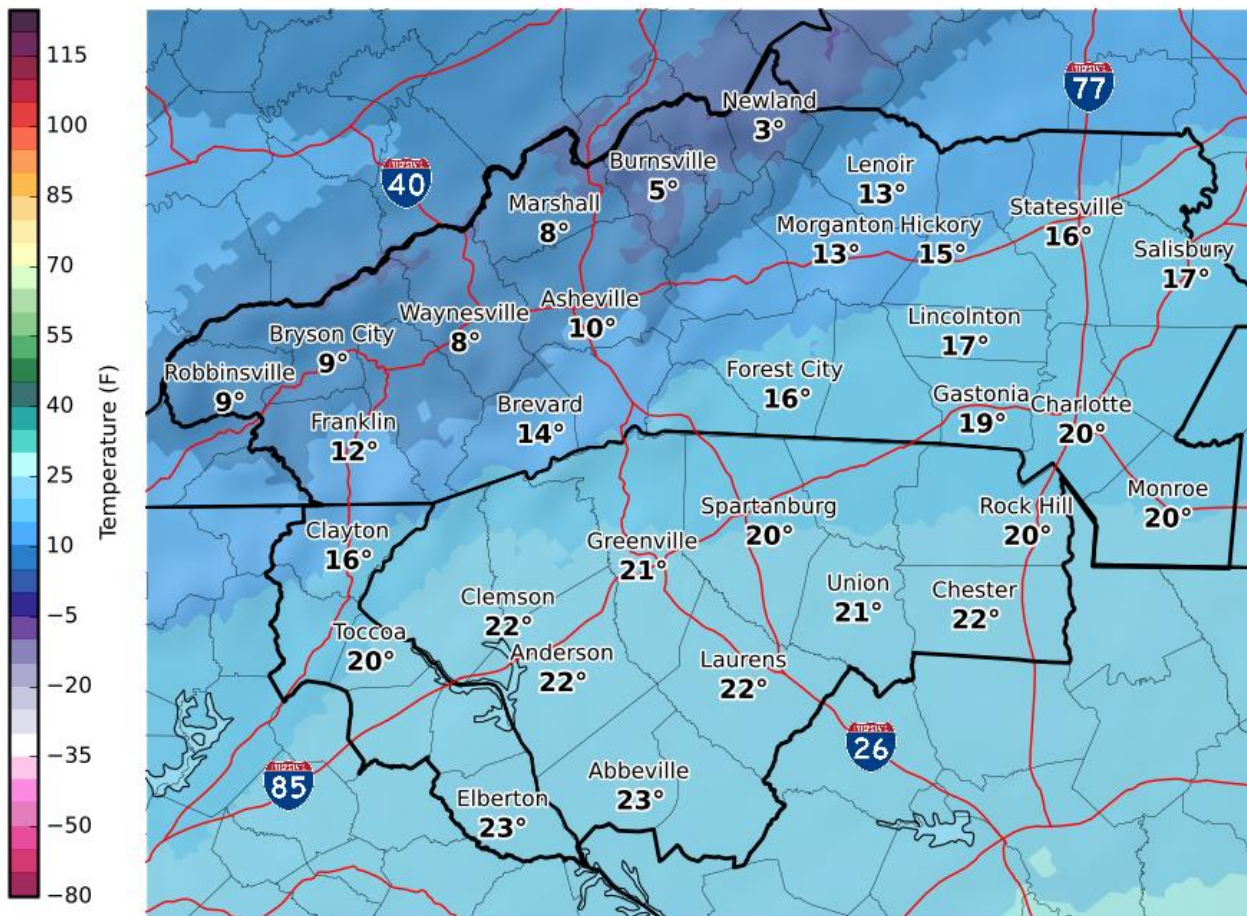


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Thursday Minimum Temperature

Valid: January 31, 2019

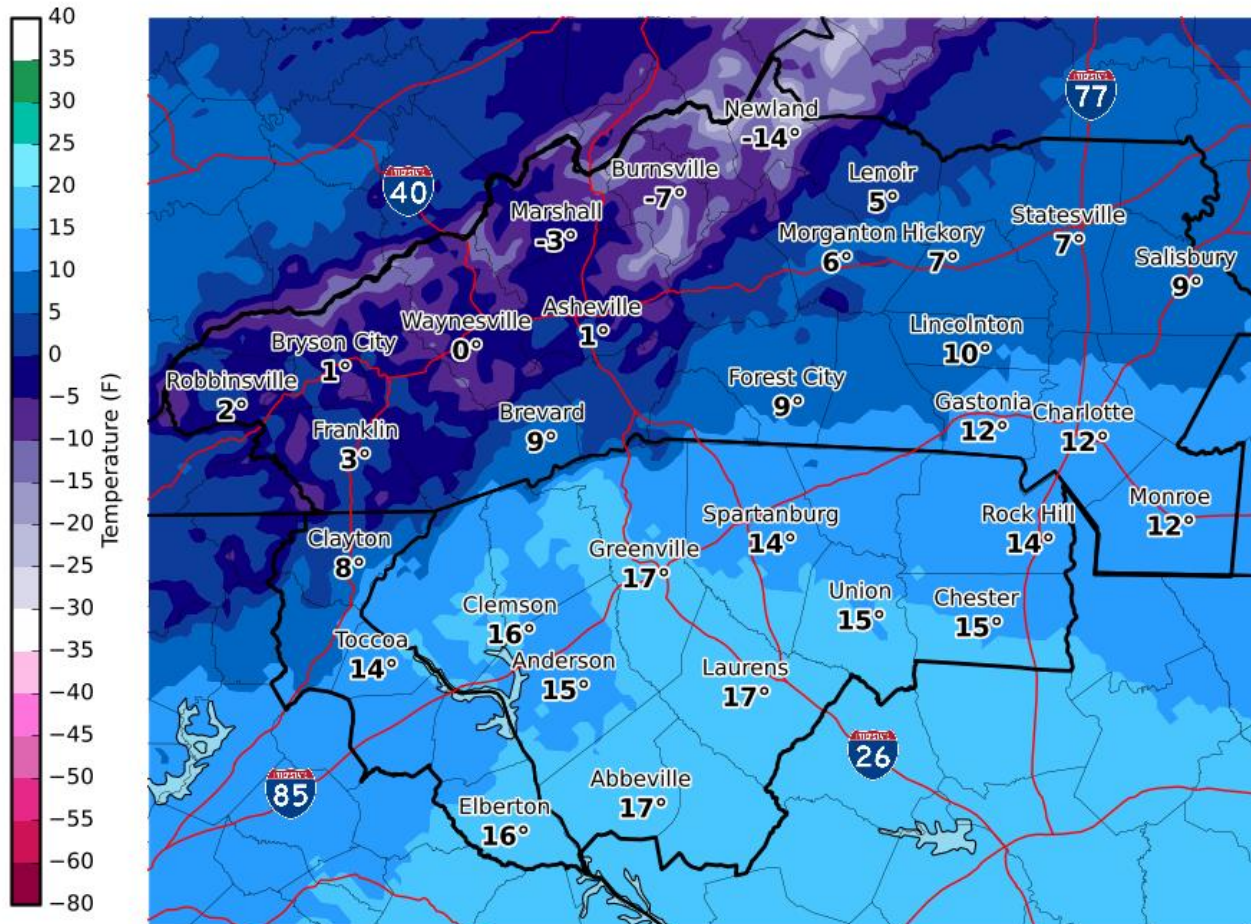


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Thursday Minimum Wind Chill

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

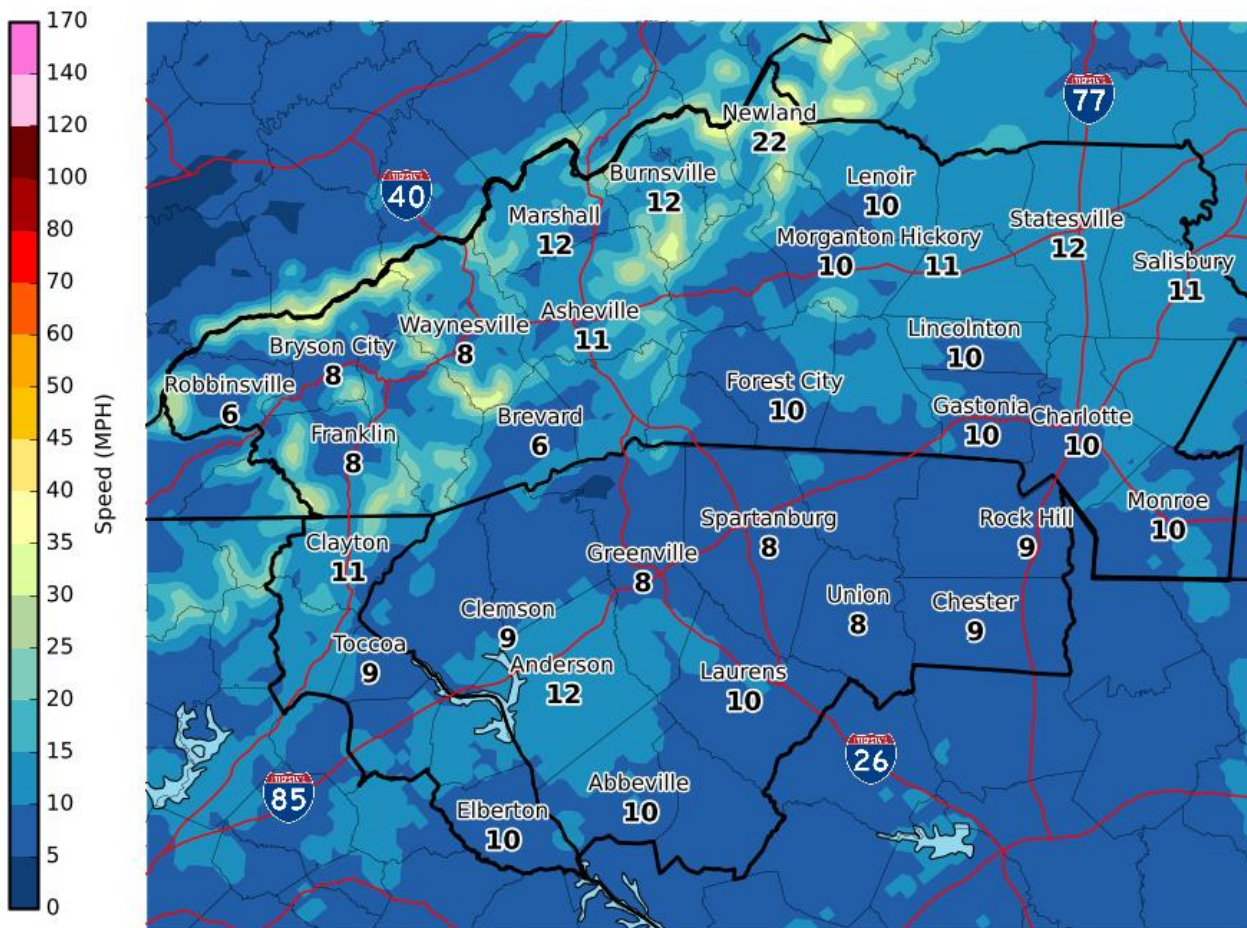


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Thursday Maximum Wind Gusts

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Event Summary

- ✓ A strong cold front will cross the area Tuesday. Heavy snow will fall across the higher elevations of the southern NC mountains, with lower amounts over the valleys. Light snow is also possible across the northeast GA and SC mountains, and NC foothills.
- ✓ A very cold air mass will move in behind the front with average temperatures as much as 15 degrees below normal. This could lead to significant infrastructure impacts, such as frozen pipes and high energy usage Wednesday and Thursday.
- ✓ Wind gusts will be high enough for dangerous wind chill values across the higher elevations of the NC mountains, along with isolated to scattered downed trees and power lines.

Regional NWS Office Contacts

[NWS Greenville-Spartanburg, SC](#)



[NWS Morristown, TN](#)



[NWS Atlanta, GA](#)



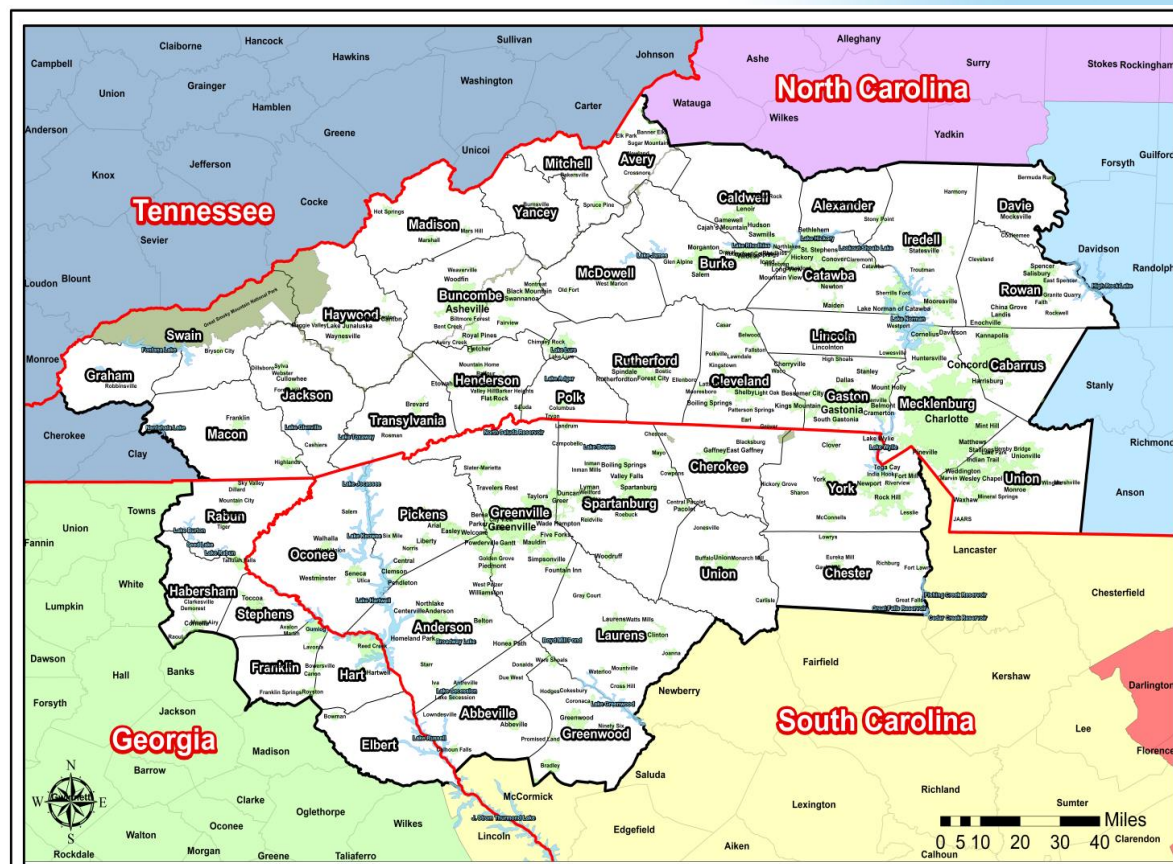
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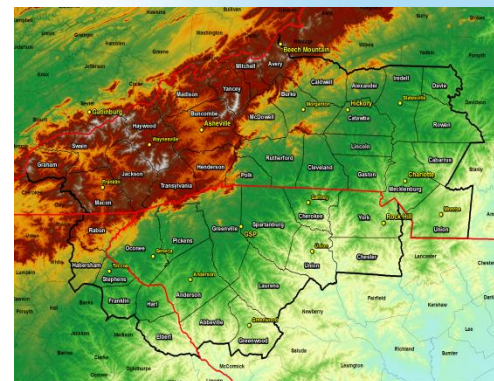


Contact and Next Briefing Information



Next Briefing
When: *By 6 PM 1/28/2019*
Method: *Briefing Package*

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Web:
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Phone (public):
864-848-9970



E-mail:
gsp.webmaster@noaa.gov



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