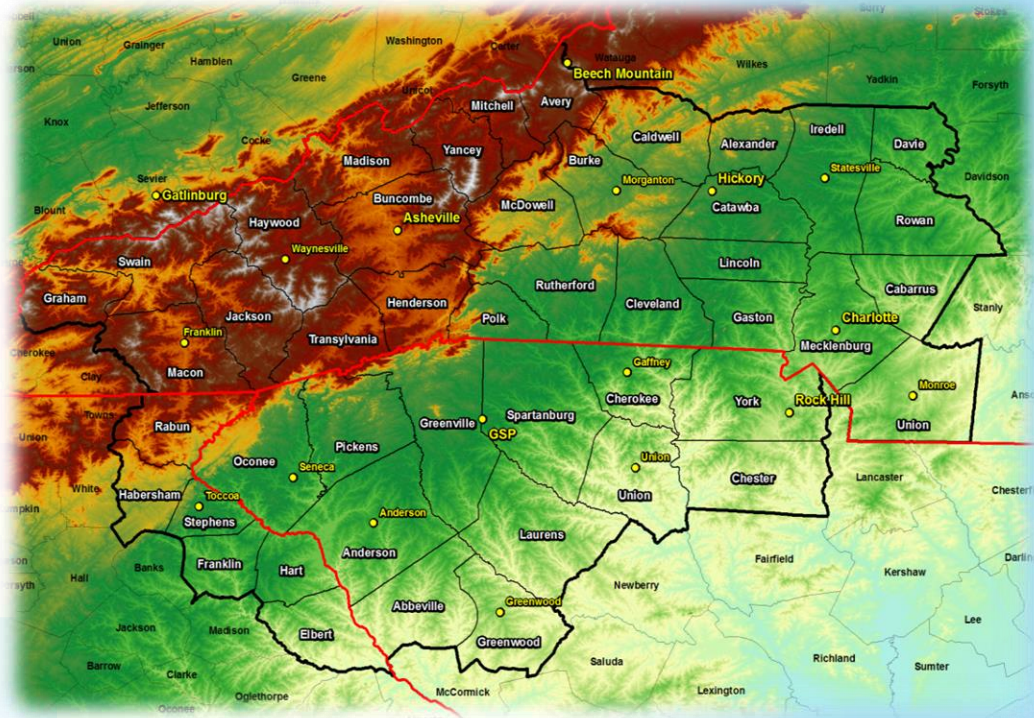


# Freezing Rain Possible Tonight into Wednesday Morning Heavy Rain and Isolated Flooding Possible Wednesday Night

## Decision Support Briefing #2 As of: 1/22/2019 6:03 AM



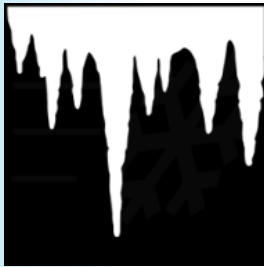
### What Has Changed?

- ✓ Winter Weather Advisory issued for Freezing Rain tonight into Wednesday morning
- ✓ Upward adjustment in rainfall and flooding threat for Wednesday Night

# Main Points

| Hazard              | Impacts   | Location   | Timing  |
|---------------------|---|--|---|
| Freezing Rain/Ice   | Light freezing rain will produce a glaze of ice on some roads, bridges, and elevated surfaces. Slippery driving and walking conditions will result.                             | Western NC locations from the Blue Ridge escarpment eastward to the northwest NC piedmont; the mountains of Upstate SC and northeast GA.                   | Developing from the southwest this evening, spreading across the Advisory area overnight, and changing to rain through the late morning hours Wednesday.  |
| Heavy Rain/Flooding | Heavy rainfall will cause rapid rises on area streams, creeks, and main stem rivers. Flooding of low-lying areas may occur in normally poor drainage and flood prone locations. | Throughout the western Carolinas and northeast Georgia, but especially along and near the south facing slopes of the North Carolina and Georgia mountains. | Rainfall rates will increase late Wednesday and then maximize Wednesday night before tapering off from the west on Thursday. Localized flooding could develop Wednesday night and linger into Thursday. |

# Summary of Greatest Impacts



**Freezing Rain/Ice: Western NC; GA and SC Mtns**

None

Limited

Elevated

Significant

Extreme



**Heavy Rain/Flooding: Mountains and Foothills**

None

Limited

Elevated

Significant

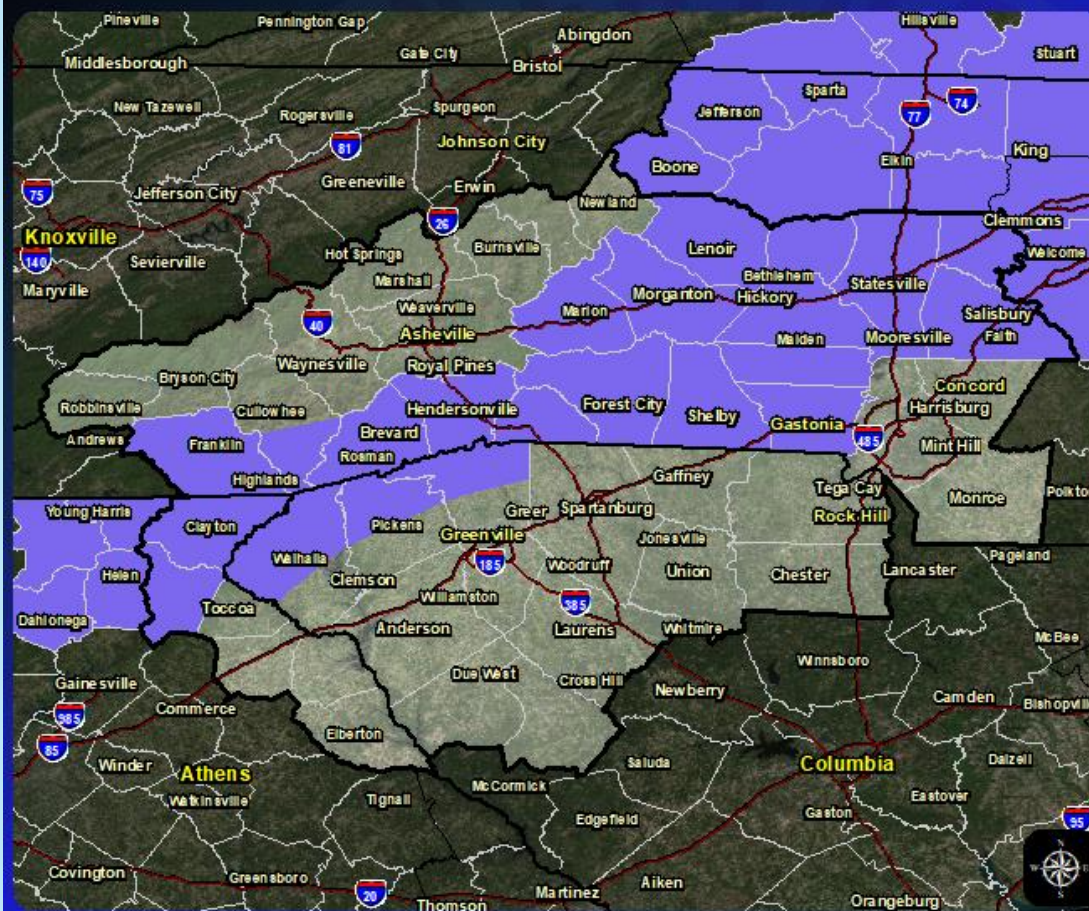
Extreme





# Winter Weather Hazards

**...Light Freezing Rain Tonight May Cause Travel Issues For Some Areas Northwest Of Interstate 85...**



**Winter Weather  
Advisory**



@NW SG SP



NW SG SP



NW SGreer



noaa.gov weather.gov/gsp

Graphic Created:  
01/22/2019 05:45 AM EST



Follow us on Twitter

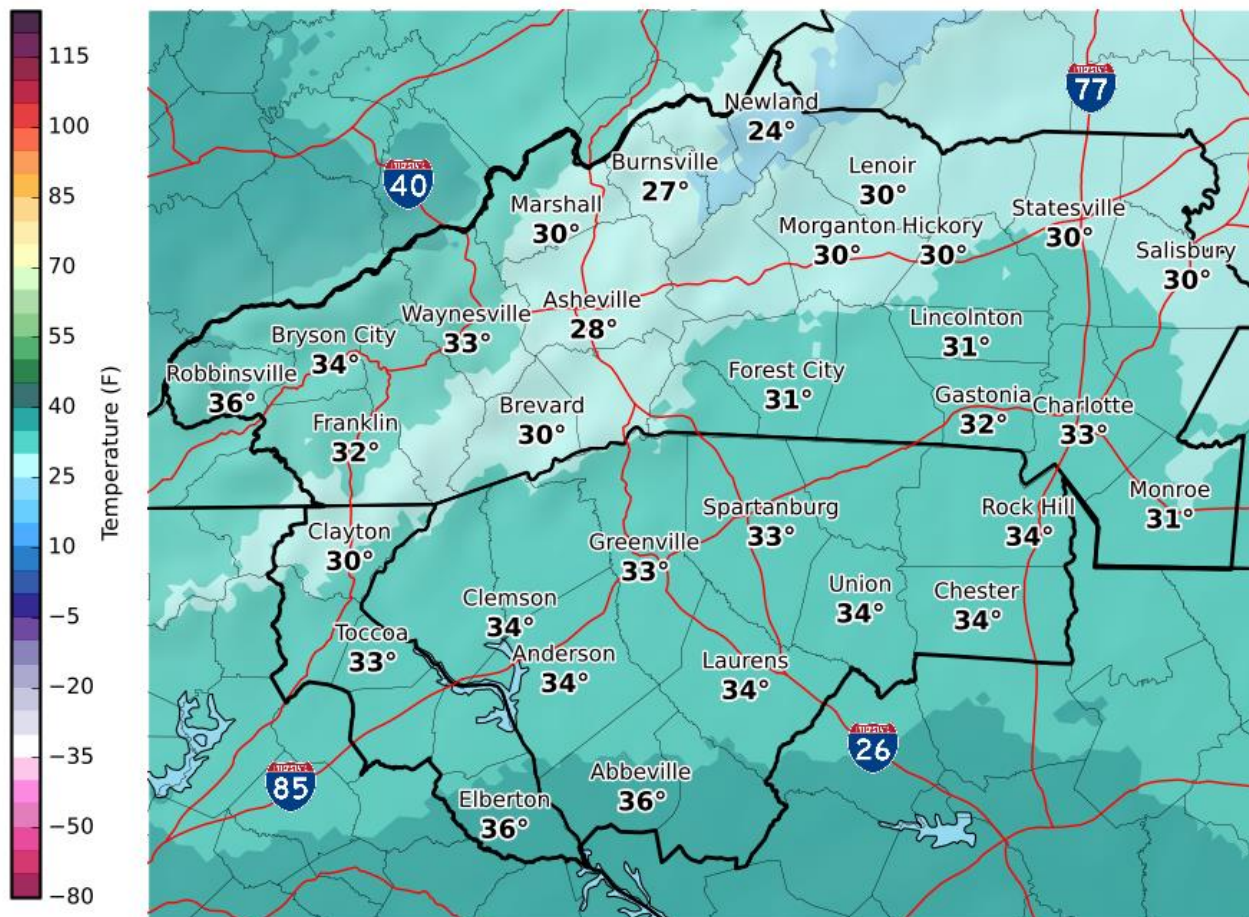


Follow us on Facebook



## Wednesday Minimum Temperature

Valid: January 23, 2019

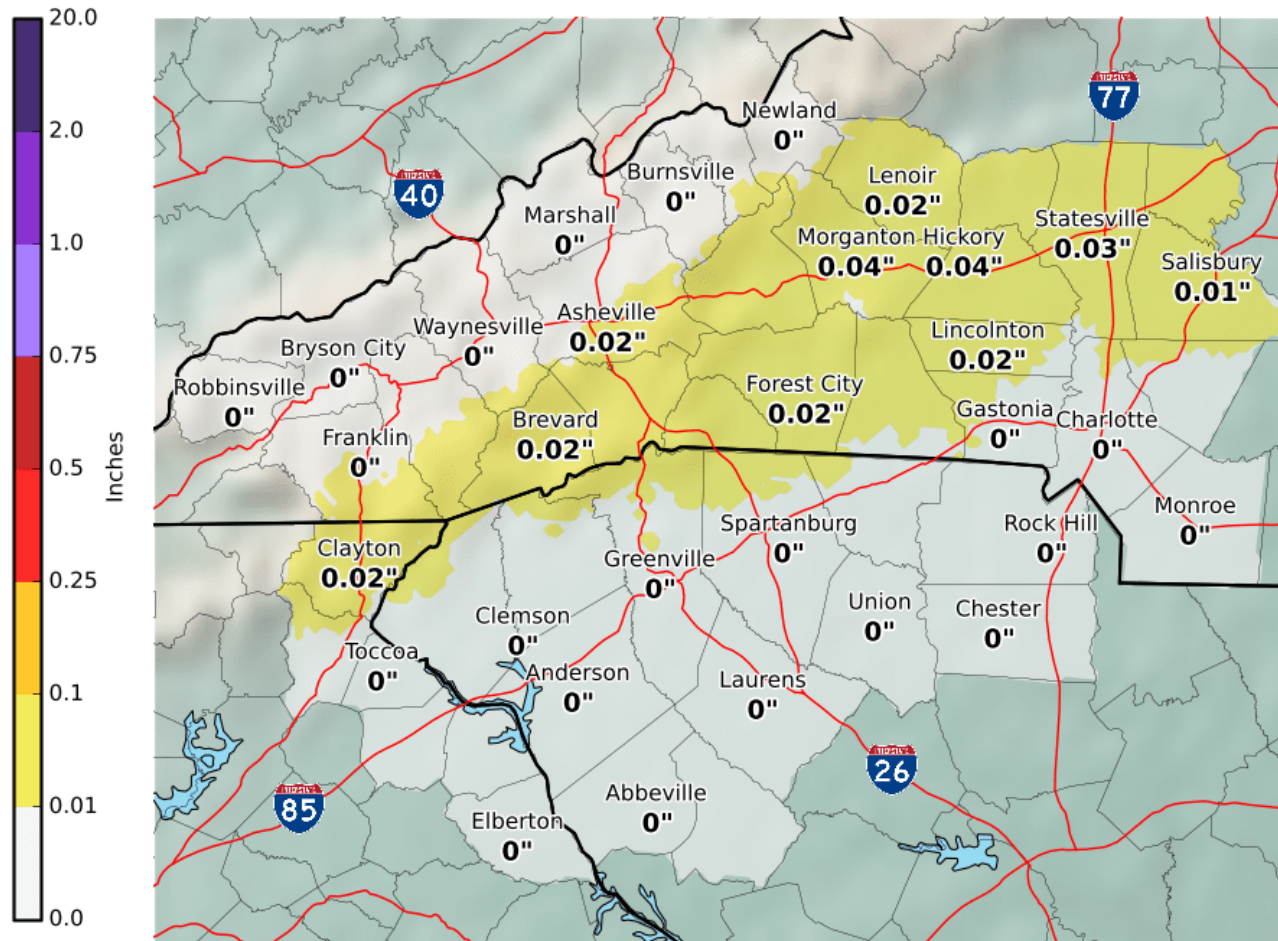


**National Weather Service**  
**Greenville-Spartanburg South Carolina**  
 01/22/2019 04:59 AM EST

**Follow Us:** [weather.gov/gsp](https://www.weather.gov/gsp)

## Expected Ice Accumulation - Official NWS Forecast

Valid: 01/22/2019 07:00 AM - 01/25/2019 07:00 AM EST



**National Weather Service**  
**Greenville-Spartanburg South Carolina**  
01/22/2019 05:02 AM EST

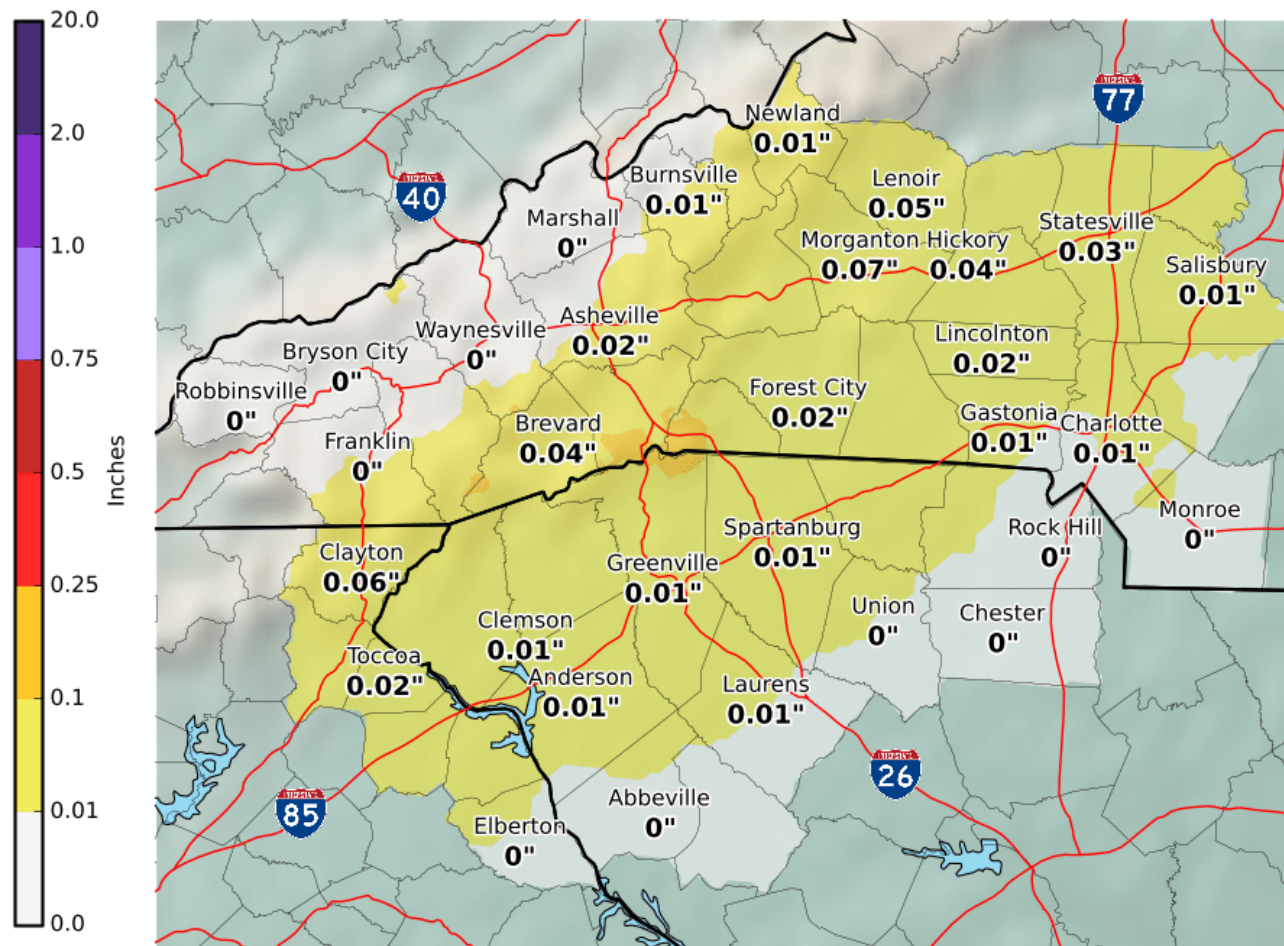
**Follow Us:**   
[weather.gov/gsp](http://weather.gov/gsp)





## High End Amount - 1 in 10 Chance (10%) Of More Ice

Valid: 01/22/2019 07:00 PM - 01/23/2019 01:00 PM



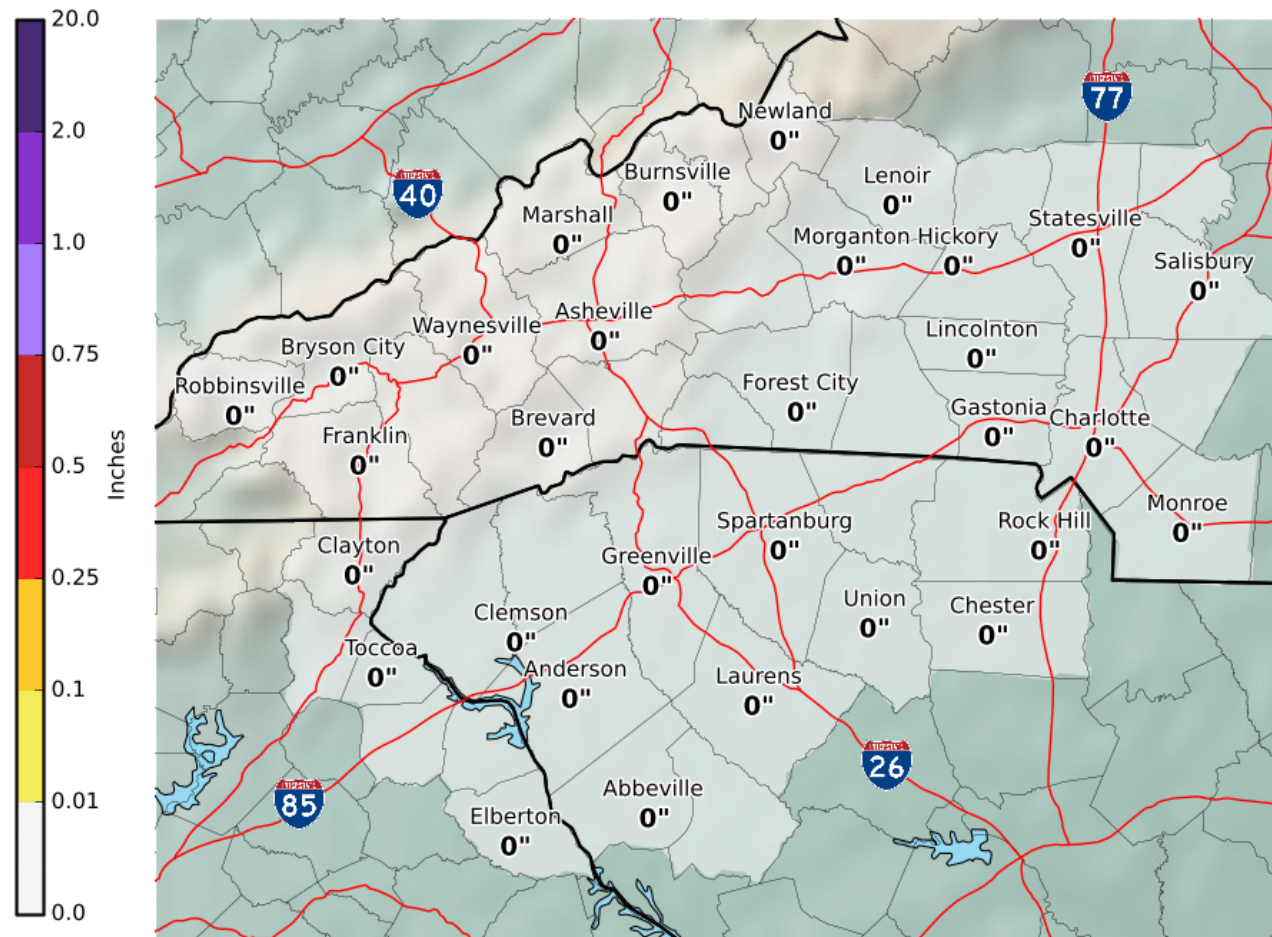
**National Weather Service**  
**Greenville-Spartanburg South Carolina**  
01/22/2019 05:02 AM EST

**Follow Us:**     
[weather.gov/gsp/winter](http://weather.gov/gsp/winter)



## Low End Amount - 9 in 10 Chance (90%) Of More Ice

Valid: 01/22/2019 07:00 PM - 01/23/2019 01:00 PM



**National Weather Service**  
**Greenville-Spartanburg South Carolina**  
01/22/2019 05:02 AM EST

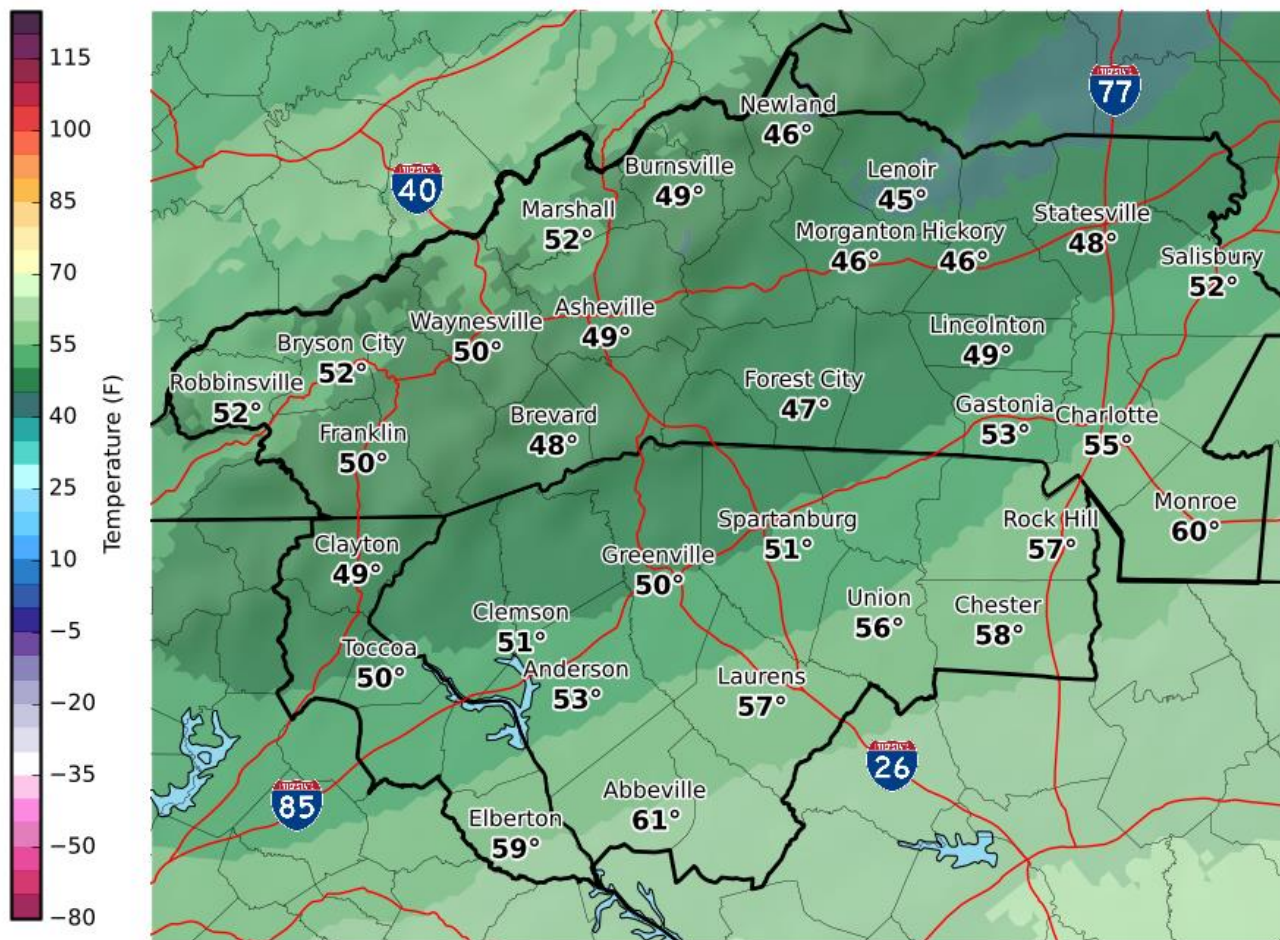
**Follow Us:**     
[weather.gov/gsp/winter](https://weather.gov/gsp/winter)





## Wednesday Maximum Temperature

Valid: January 23, 2019



**National Weather Service**  
**Greenville-Spartanburg South Carolina**  
 01/22/2019 04:59 AM EST

**Follow Us:**

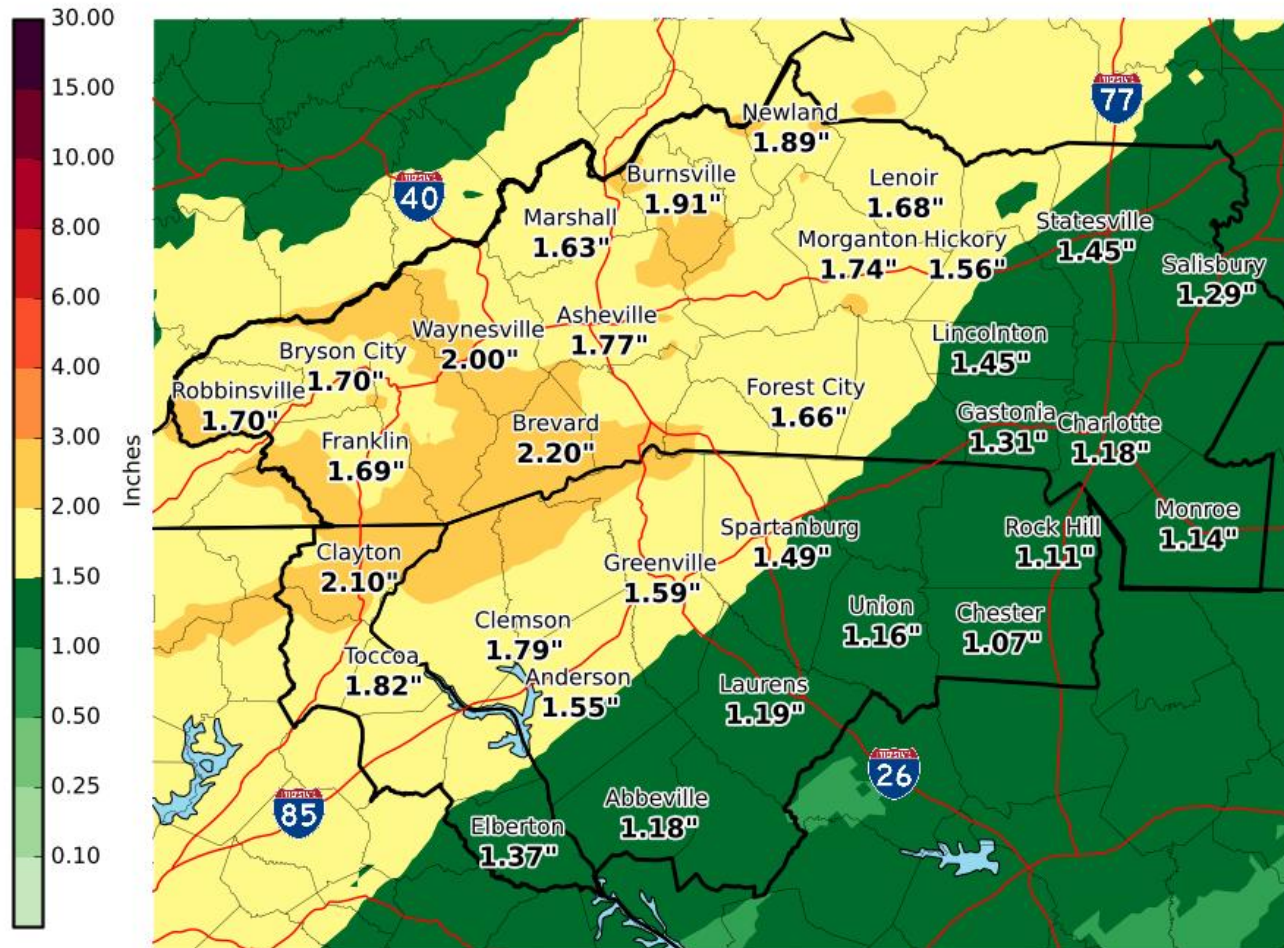


[weather.gov/gsp](https://weather.gov/gsp)



## Storm Total Precipitation

Valid: 01/23/2019 01:00 PM - 01/24/2019 01:00 PM



**National Weather Service**  
**Greenville-Spartanburg South Carolina**  
 01/22/2019 04:56 AM EST

Follow Us:



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





# Mainstem River Crests Expectations: Mountains

## Category Definitions:

### Action/Advisory:

Nuisance flooding of low-lying areas & crossings

**Minor:** Deeper inundation of low-lying areas, more road closures

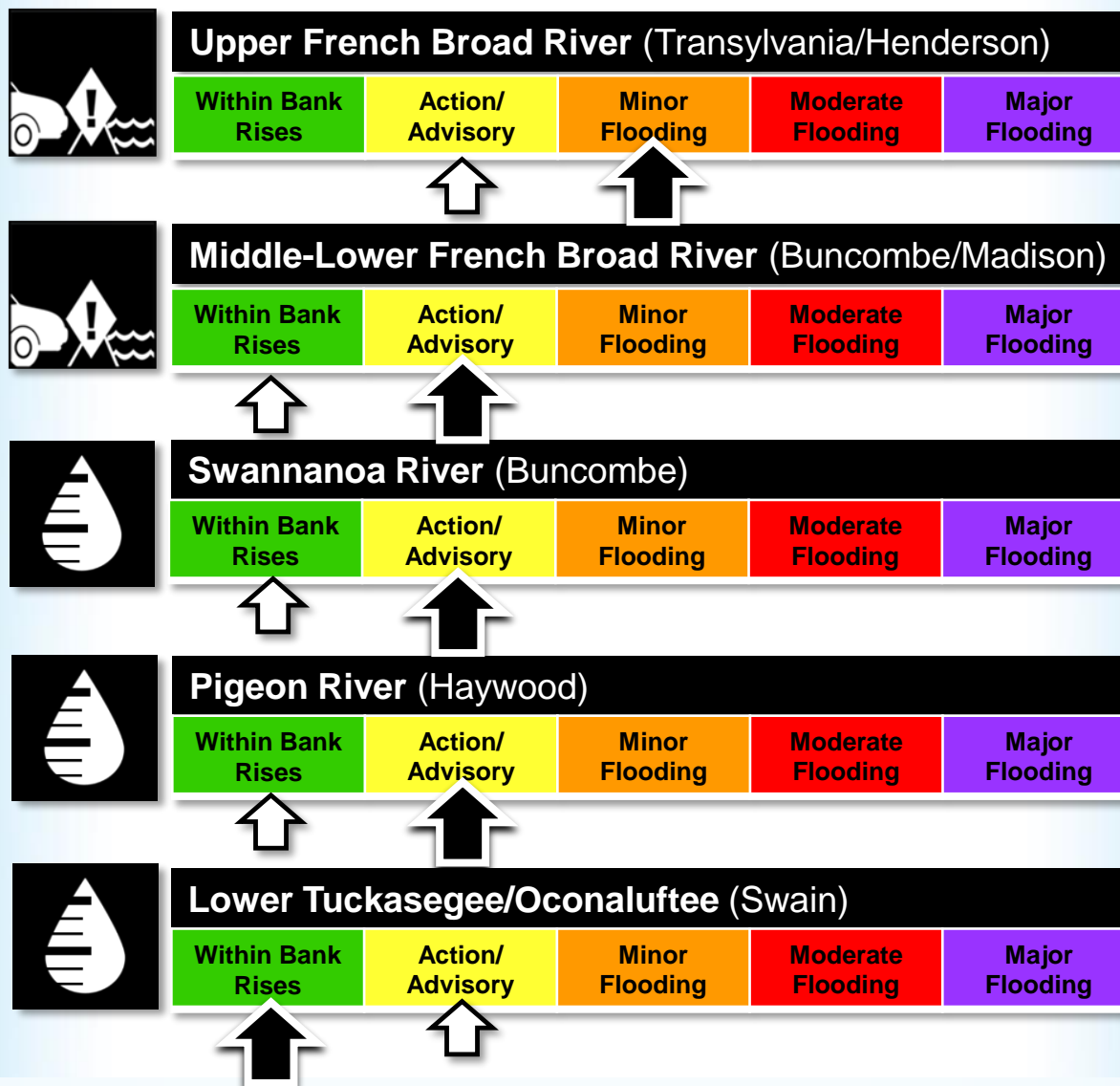
**Moderate:** Significant road flooding, some structural flooding

**Major:** Significant to extreme road and home/business flooding

## Legend

 Most-Likely

 Possible



# Mainstem River Crest Expectations: Piedmont

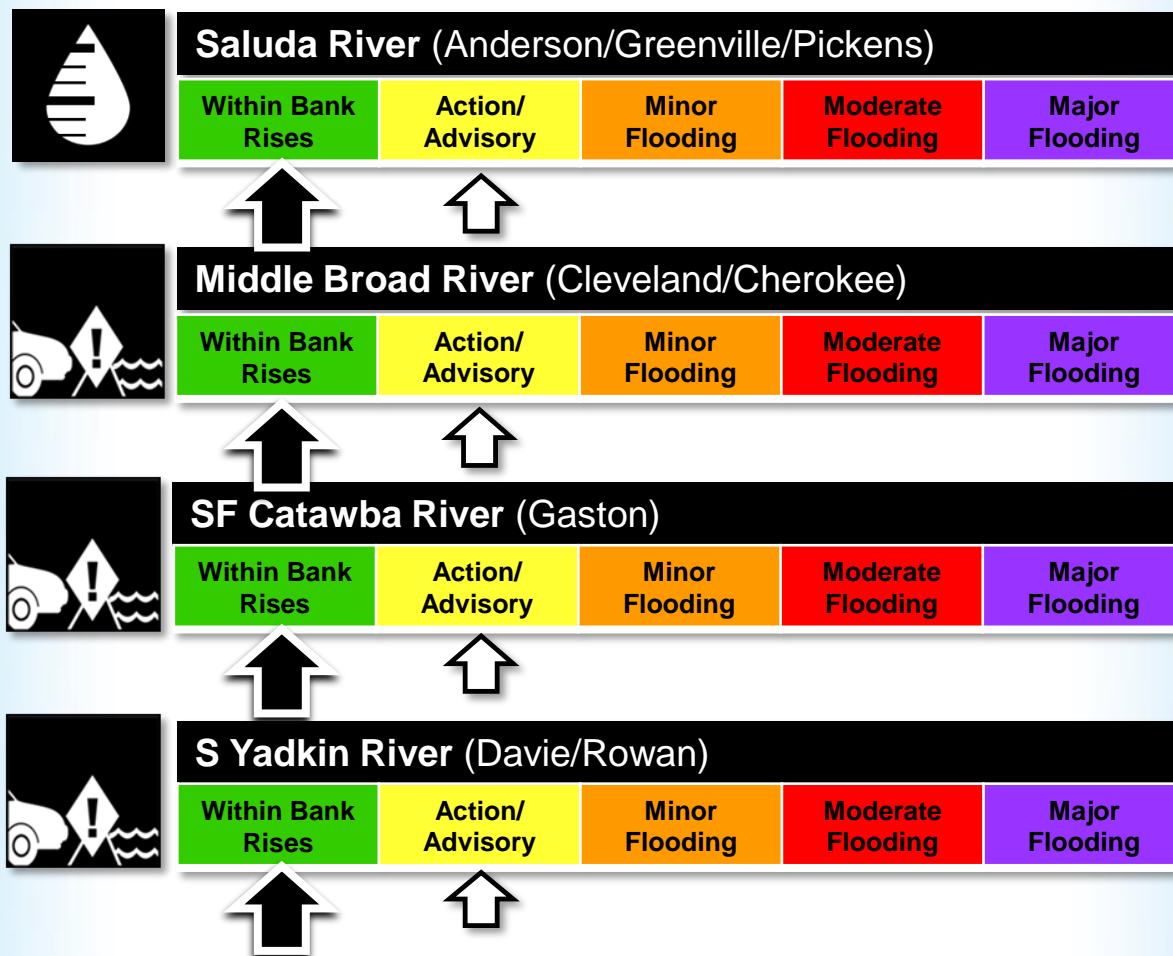
## Category Definitions:

**Action/Advisory:** Nuisance flooding of low-lying areas & crossings  
**Minor:** Deeper inundation of low-lying areas, more road closures  
**Moderate:** Significant road flooding, some structural flooding  
**Major:** Significant to extreme road and home/business flooding

### Legend

 Most-Likely

 Possible



River forecasts are highly dependent on accuracy of forecasted rainfall; subject to change!



## Event Summary

- ✓ Light freezing rain will likely produce a light glaze of ice on elevated surfaces, bridges, and some roads and sidewalks tonight into Wednesday morning. Icing is most likely in western North Carolina, as well as the far northern Upstate of SC and the northeast Georgia mountains.
- ✓ Heavy rain of 1 to 2 inches, with 3 inches in southerly upslope areas, may lead to isolated flooding of flood prone, streams, creeks, and main stem rivers Wednesday night into Thursday morning. Flooding is most likely in the extreme southern mountains of western North Carolina.

# Regional NWS Office Contacts

[NWS Greenville-Spartanburg, SC](#)



[NWS Morristown, TN](#)



[NWS Atlanta, GA](#)



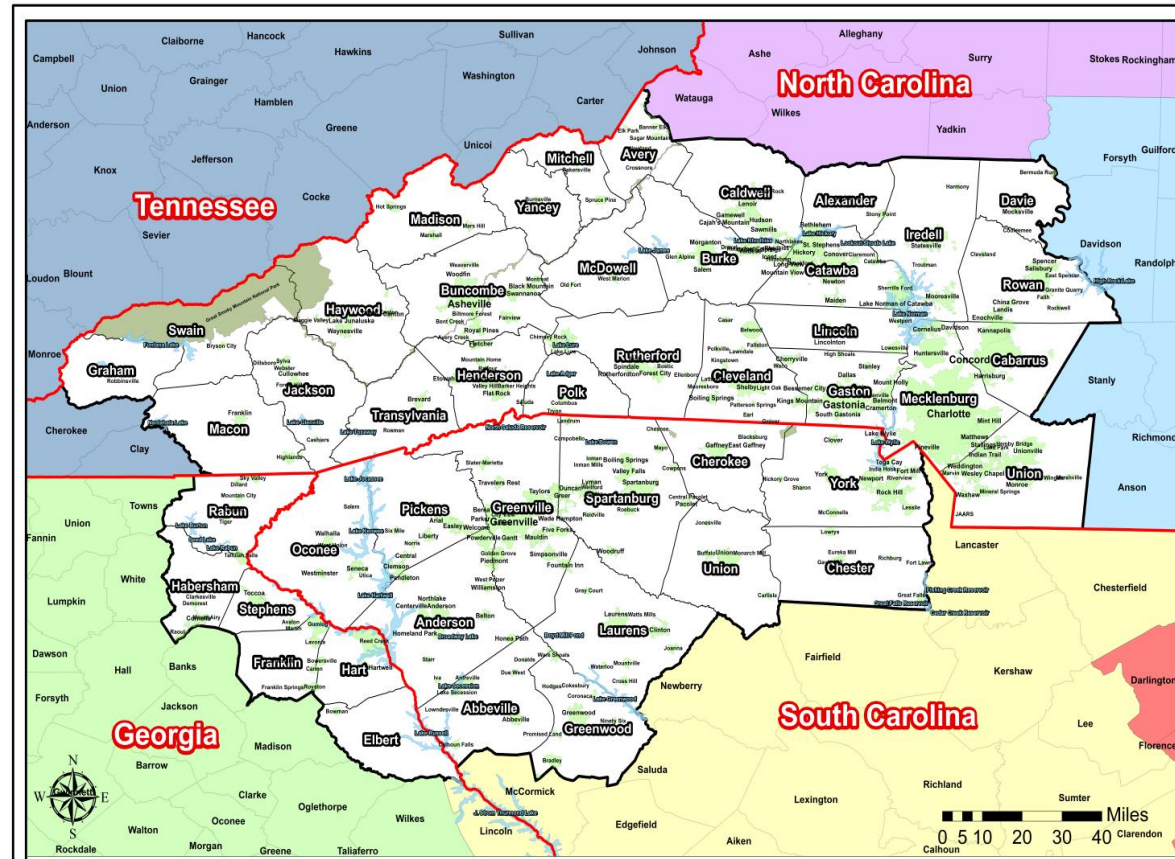
[NWS Columbia, SC](#)



[NWS Raleigh, NC](#)



[NWS Blacksburg, VA](#)



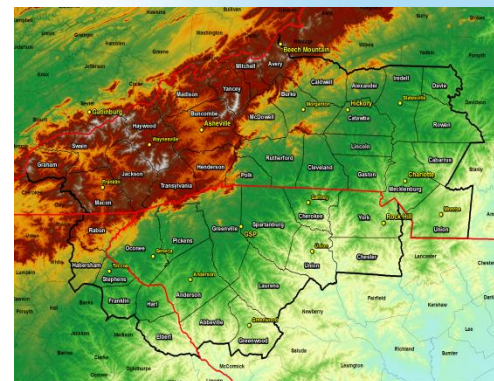


# Contact and Next Briefing Information



**Next Briefing**  
**When:** *By 6 PM on 1/22/19*  
**Method:** *Briefing slides*

**Briefing Webpage:**  
[www.weather.gov/gsp/brief](http://www.weather.gov/gsp/brief)



**Web:**  
[www.weather.gov/gsp](http://www.weather.gov/gsp)



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



**E-mail:**  
[gsp.webmaster@noaa.gov](mailto:gsp.webmaster@noaa.gov)



**Facebook:**  
[NWSGSP](https://www.facebook.com/NWSGSP)



**Twitter:**  
[@NWSGSP](https://twitter.com/NWSGSP)



**YouTube:**  
[NWSGreer](https://www.youtube.com/NWSGreer)

**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use after 6 PM on 1/22/19*