

Winter Weather Briefing

January 31, 2026
4:16 AM

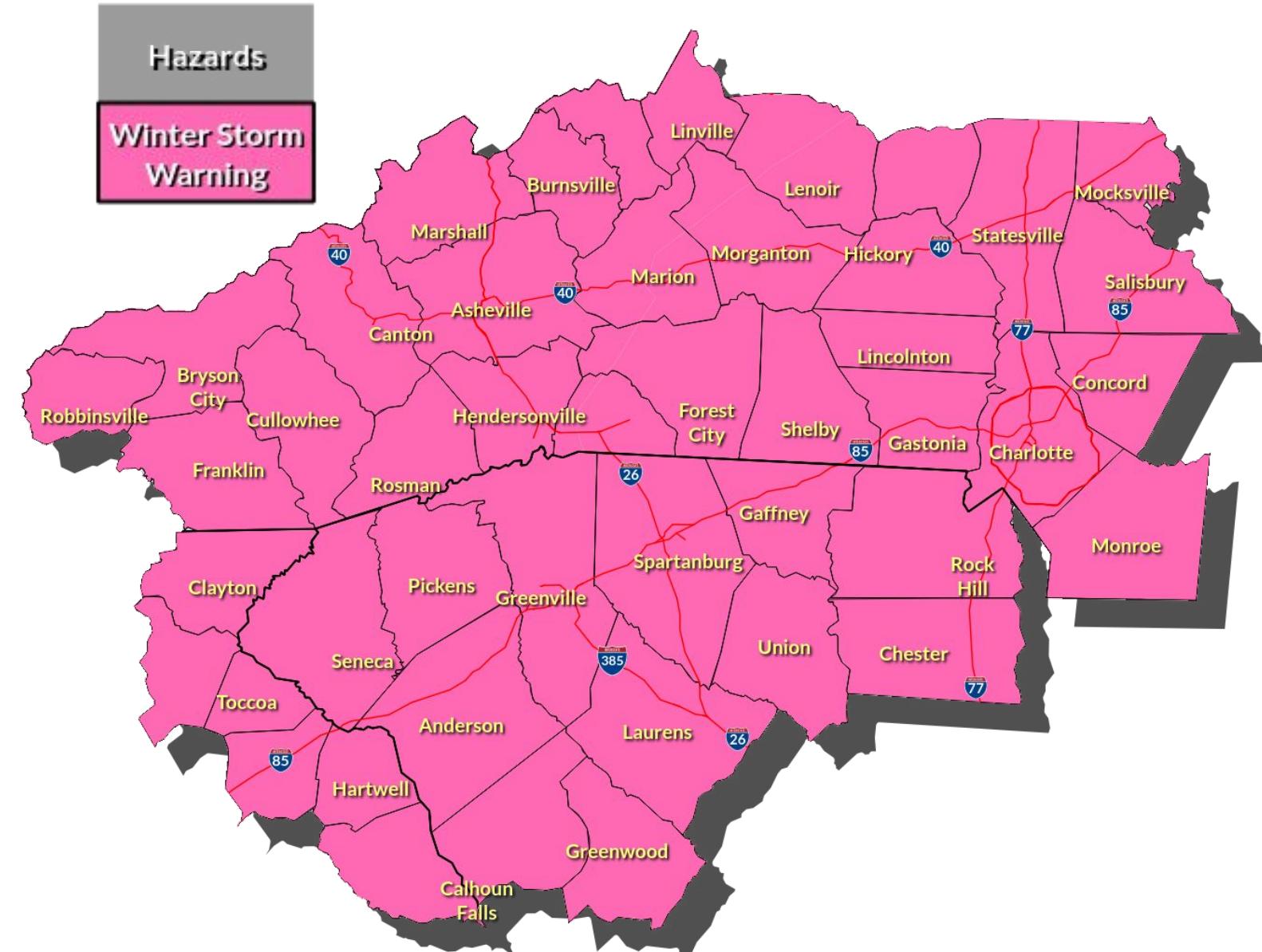
Decision Support Briefing #6 for the western Carolinas and northeast Georgia

NEW Important Updates

→ Updated snow totals

Key Messages

- A Winter Storm Warning remains in effect for our entire forecast area until 7 AM EST Sunday.
- An Extreme Cold Warning remains in effect for our entire forecast area:
 - 7 PM EST Saturday to 10 AM EST Sunday (east of the mountains).
 - 1 PM EST Saturday to 1 PM EST Sunday (for the mountains).
- Impacts from the cold weather and lingering snowpack and/or meltwater are likely to continue through at least Monday night.



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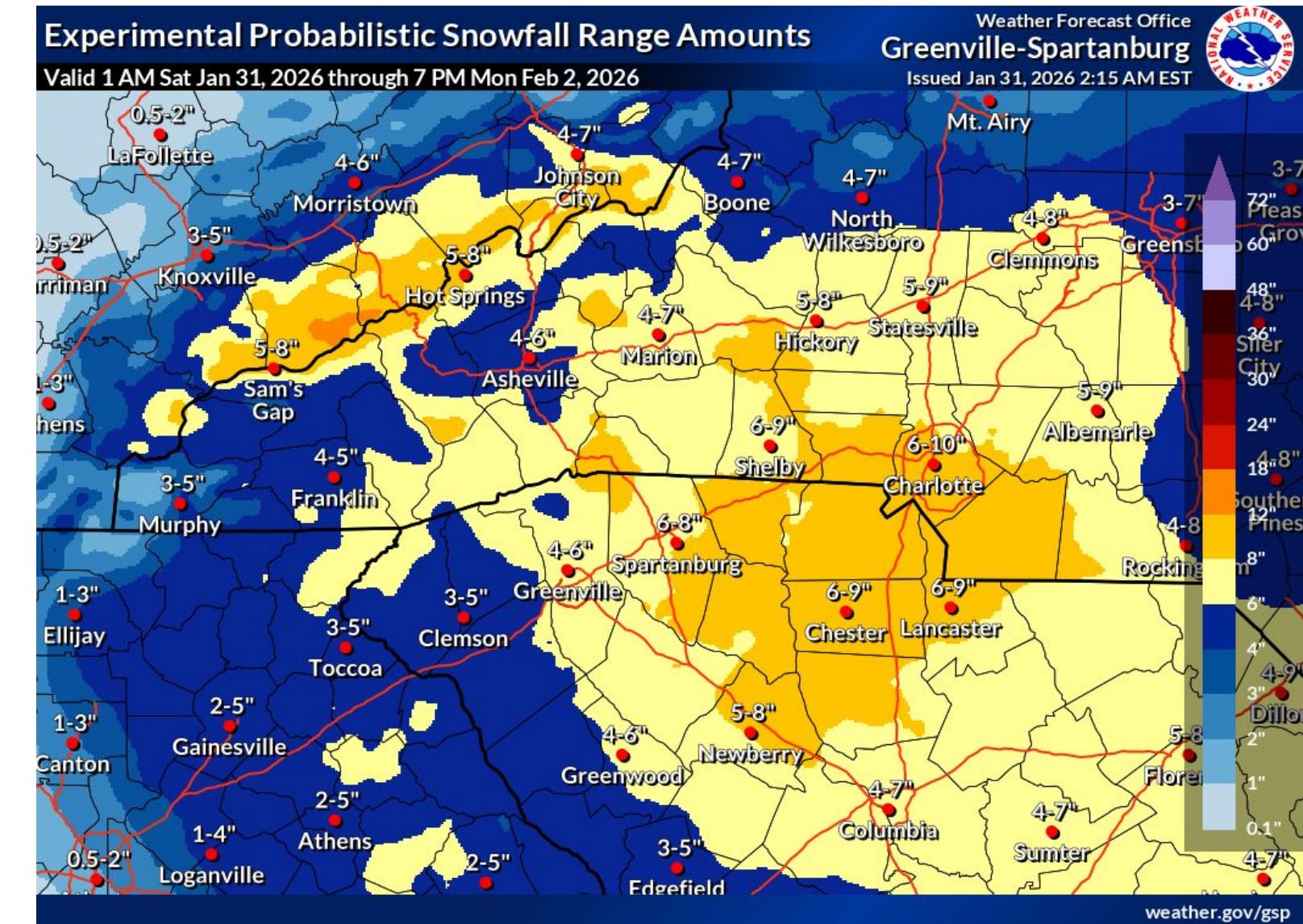
Expected Storm Total Snowfall

Through Early Sunday Morning

January 31, 2026
4:16 AM

Key Messages

- Snow has been falling over the NC mountains/foothills since Friday evening. Outside of the mountains, snow will commence over the next few hours, tapering off later tonight.
- Windy and very cold conditions are expected during and especially after the snowfall.
- Unusually high snow to liquid ratios of 15:1 or possibly 20:1 will lead to rapid sticking to roads and other surfaces.
- Even light snow will quickly stick to surfaces, creating rapidly deteriorating driving conditions.
- Areas of blowing snow, causing significantly reduced visibility, will create additional travel hazards.
- The potential exists for narrow bands of heavy snowfall to develop over the area, possibly leading to significant snowfall rates and locally much higher-than-forecast amounts. These heavier bands appear to be most likely across the eastern SC Upstate and lower NC Piedmont.



Expected snowfall as of early Saturday morning.

NOTE: Confidence is lower on the higher end totals.



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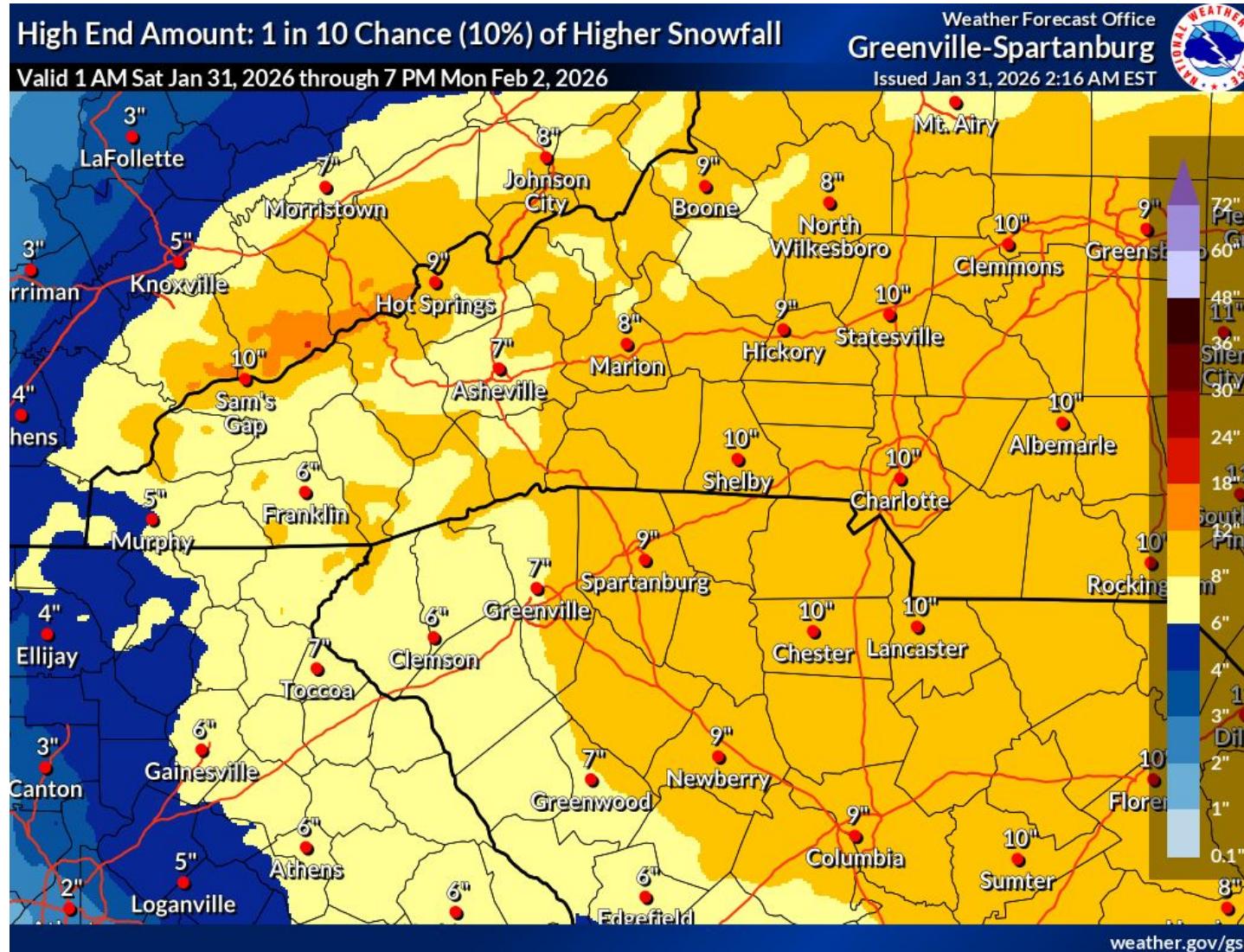
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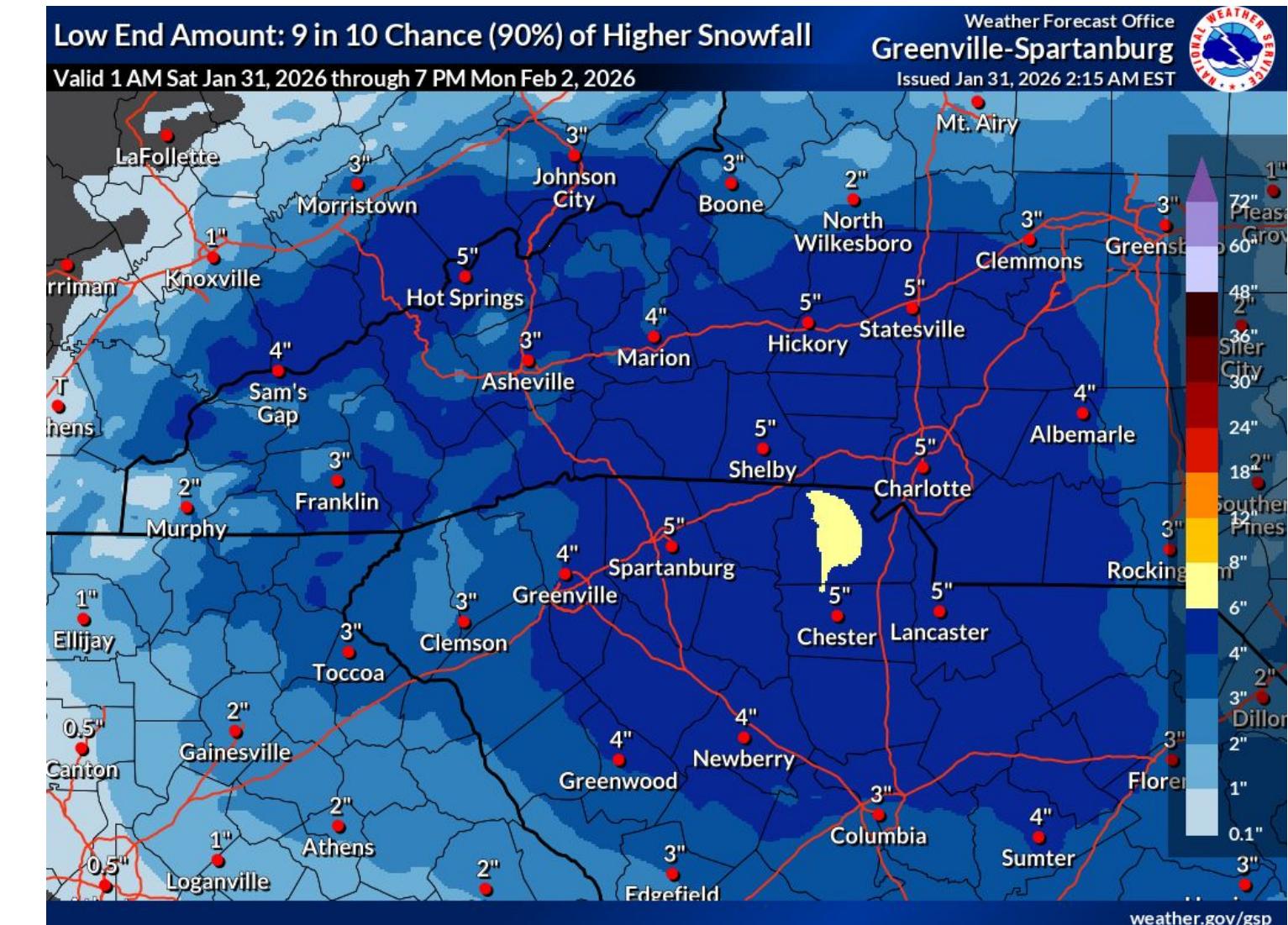
Reasonable High and Low End Snow Amounts

January 31, 2026
4:16 AM EST

Western Carolinas and Northeast Georgia



HIGH END AMOUNT



LOW END AMOUNT



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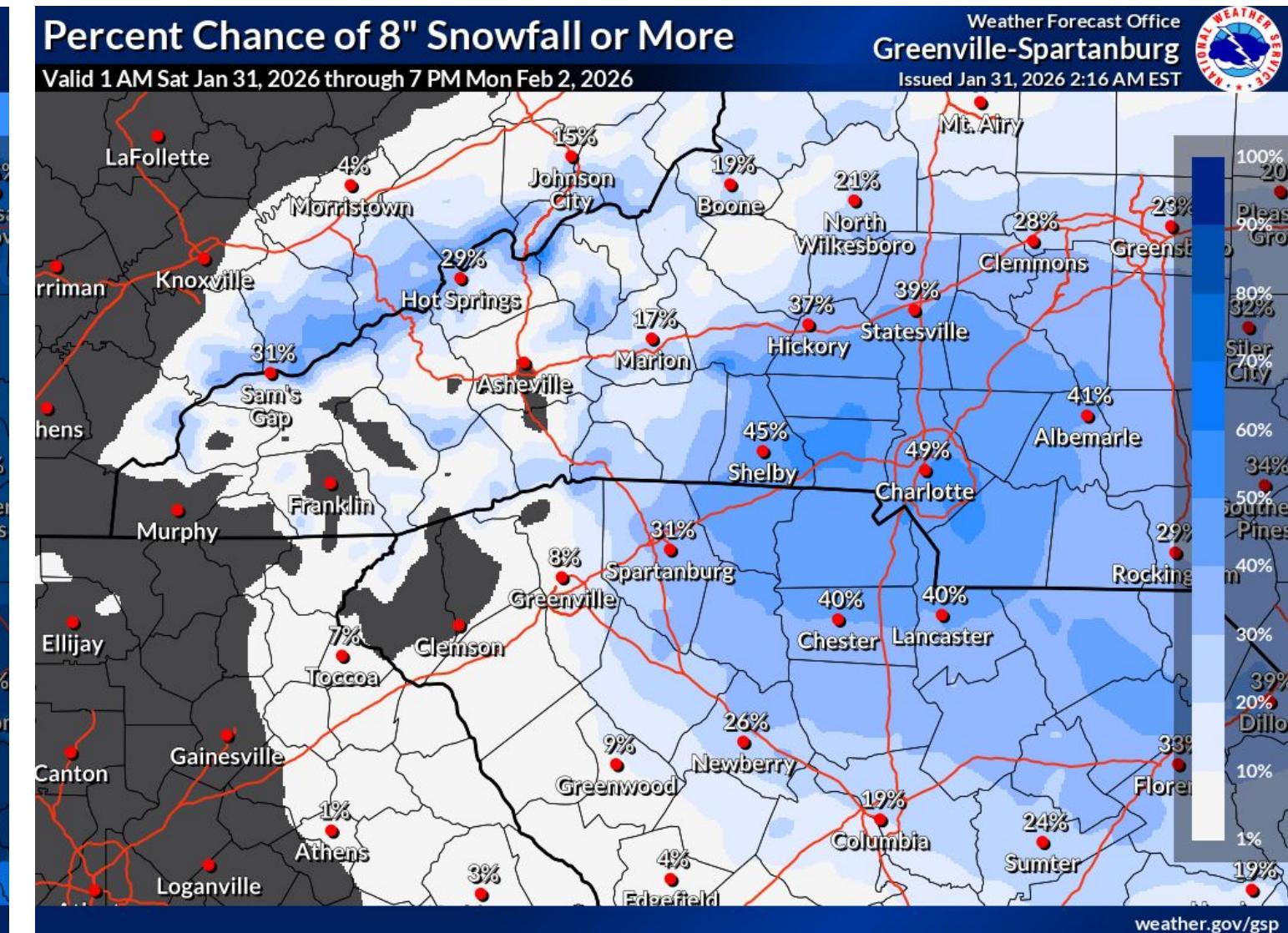
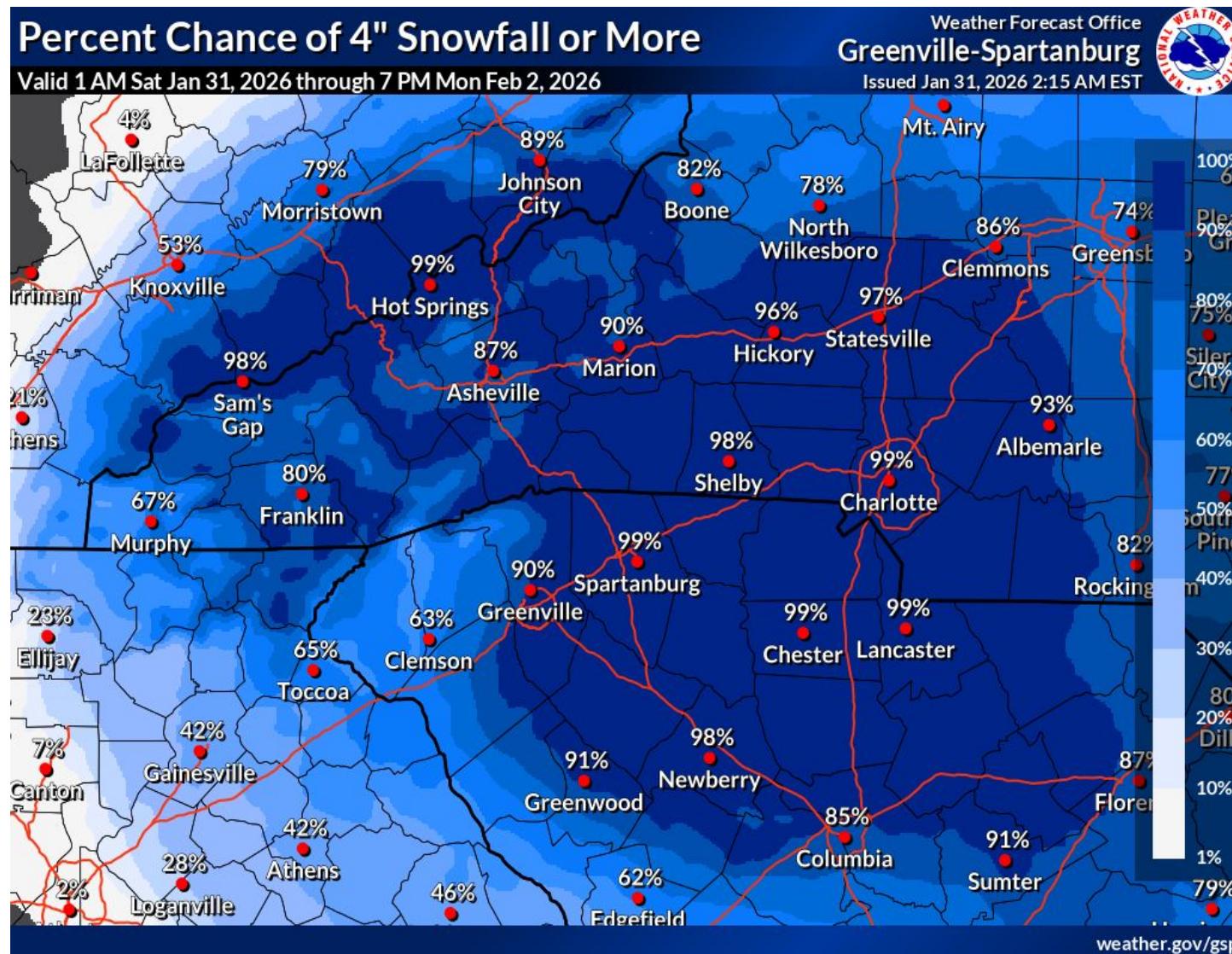


Confidence in Snowfall Thresholds

January 31, 2026

4:16 AM EST

Probability of Snowfall Exceeding 4" and 8" between Friday Afternoon and Sunday Morning



Not an official forecast: The above images are a numeric representation from the National Blend of Models that these thresholds will be reached. *For locations outside the NWS GSP service area (bold black line), consult the local NWS office's briefings or forecasts.*



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Timing for Accumulating Snow

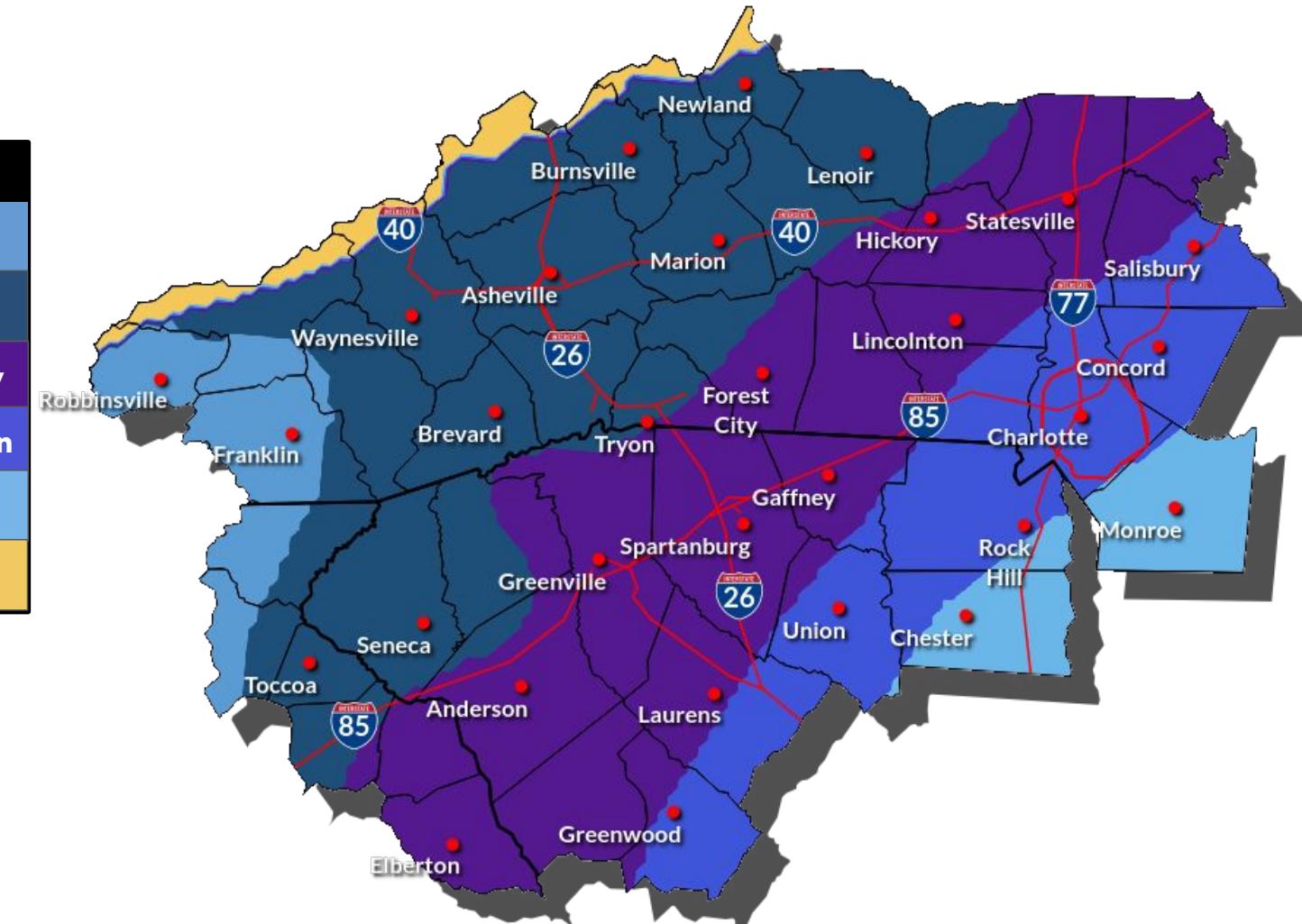
January 31, 2026
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The graphic below shows the most likely time window that snow will taper off/end

Snowfall Timing Details:

- **Onset:** Flurries have been falling across the NC mountains and foothills since Friday evening. Snow will gradually spread southeast across the rest of our forecast area this morning.
- **Peak:** Snowfall intensity is expected to increase thru the morning, with peak accumulations from late morning thru the afternoon. Heavier snowfall may continue into this evening, particularly along and east of the I-77 corridor.
- **End:** Snowfall is expected to end this evening into early Sunday, progressing from west to east:
 - Mountains: this afternoon/evening
 - Foothills: this evening
 - Piedmont: late this evening/early Sunday

End Time
2 – 5 PM Saturday
5 – 8 PM Saturday
8 – 11 PM Saturday
11 PM Sat – 2 AM Sun
2 – 5 AM Sunday
5 – 8 AM Sunday





Snow Ratios

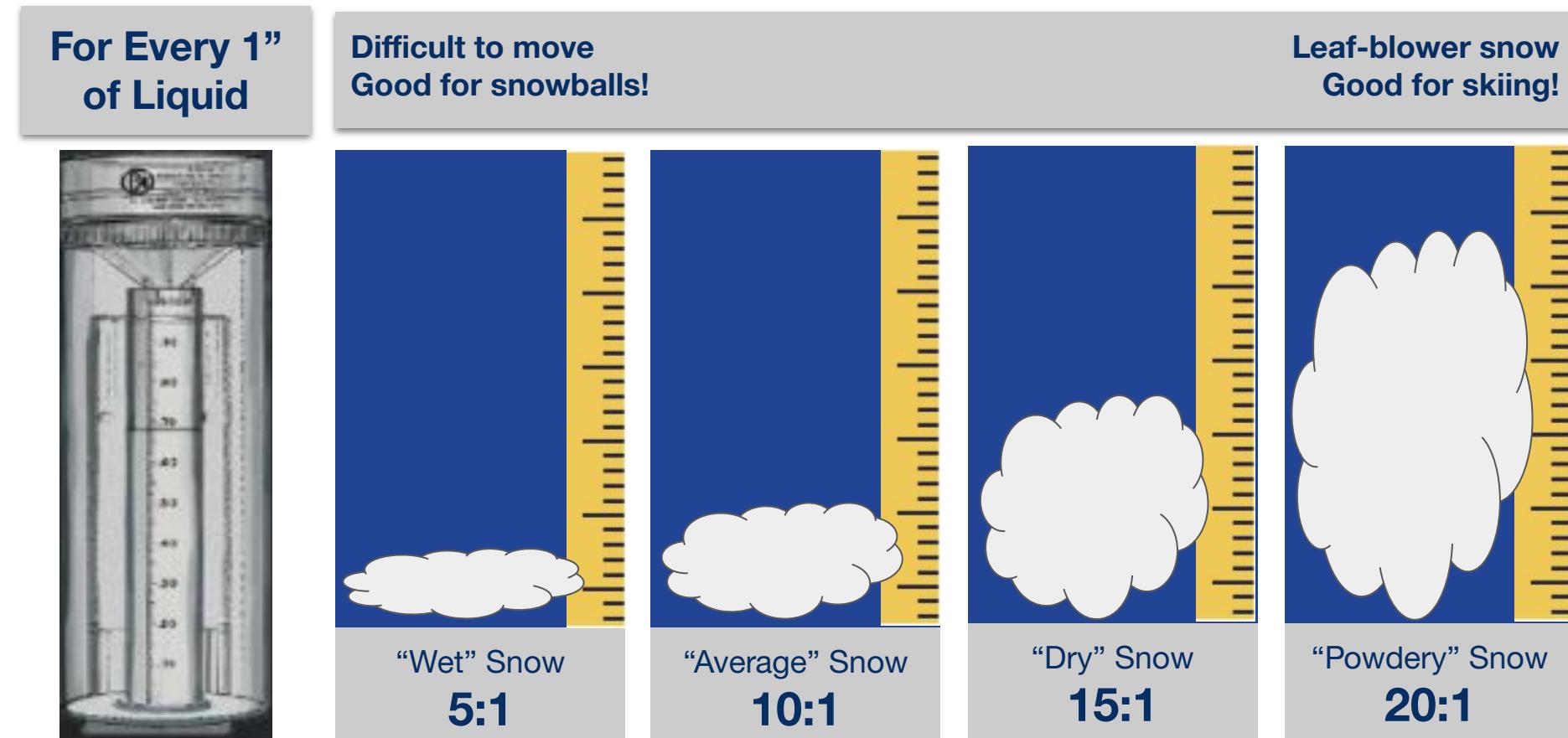
January 31, 2026
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Snow to Liquid Ratio (SLR) Determines the Weight of the Snow

Snow Ratio Information:

Expect a **light, powdery snow** with this event.

- Can be easier to get off roadways and sidewalks however...
- **Will adhere more easily at onset with sub-freezing temperatures**
 - **Even 1" will cause travel problems**
- Less weight on trees and powerlines.
- Contains less water → will hopefully evaporate more quickly, leading to less of a black ice threat.
- Blows around more easily → reduced visibilities, impacting travel.



“Typical/Average” SLRs:

- Piedmont: approximately 8:1
- Mountains: approximately 10:1



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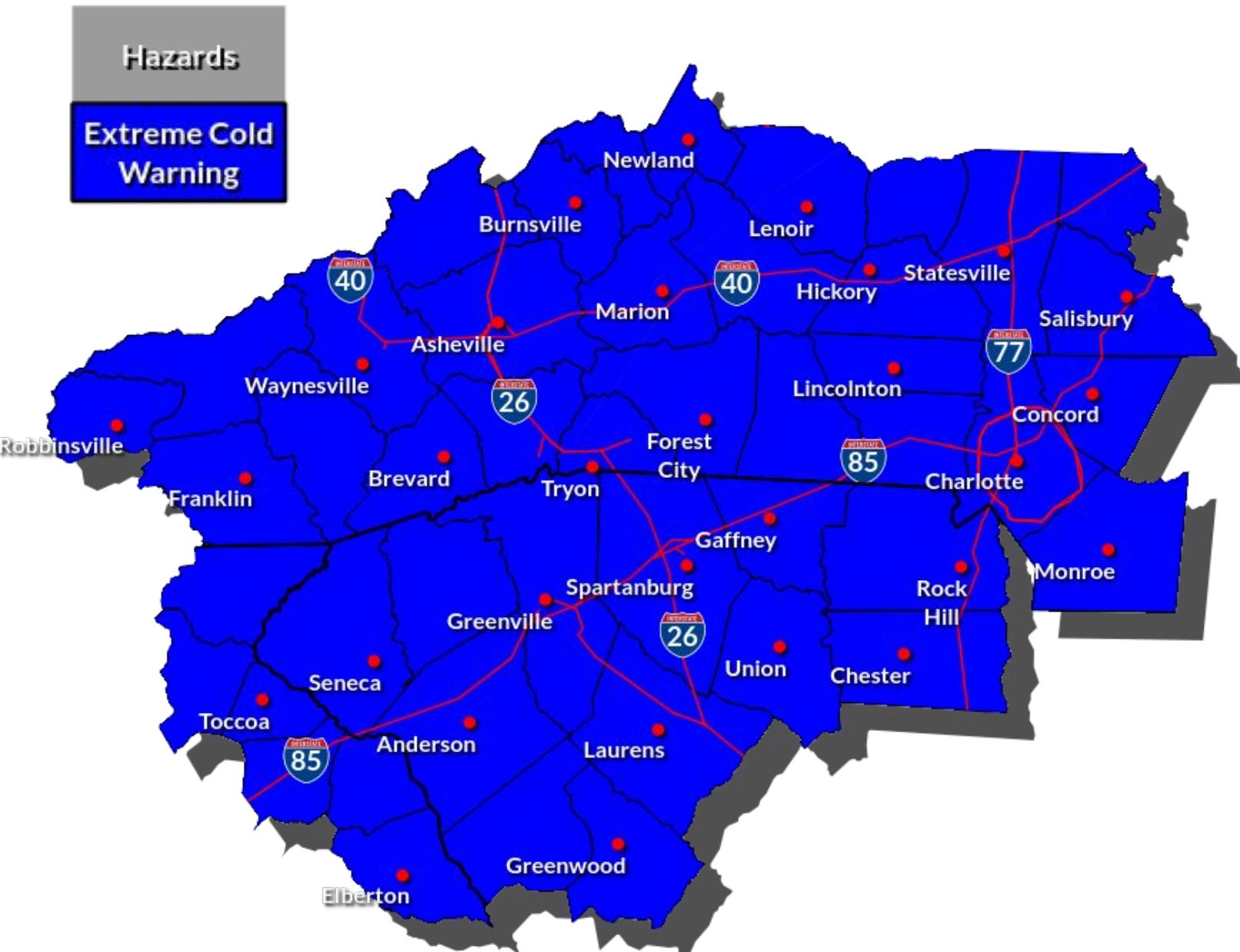
Extreme Cold Warning

January 31, 2026
4:16 AM EST

Western Carolinas and Northeast Georgia

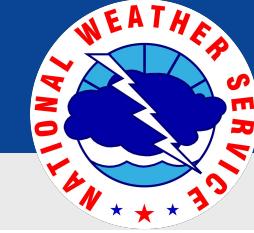
Key Messages

- An **Extreme Cold Warning** is in effect for all the western Carolinas and northeast Georgia:
 - **Mountains: 1 PM today thru 1 PM EST Sunday**
 - **Piedmont/Foothills: 7 PM this evening thru 10 AM EST Sunday**
- **Mountains:** Dangerously cold wind chills as low as 15 to 22 degrees below zero and as low as 30 below zero on the highest peaks.
 - **Peak Wind Gusts:** 40-50 mph, with locally higher gusts on the ridge tops
- **Piedmont/Foothills:** Dangerously cold wind chills as low as 5 degrees below zero.
 - **Peak Wind Gusts:** 25-35 mph



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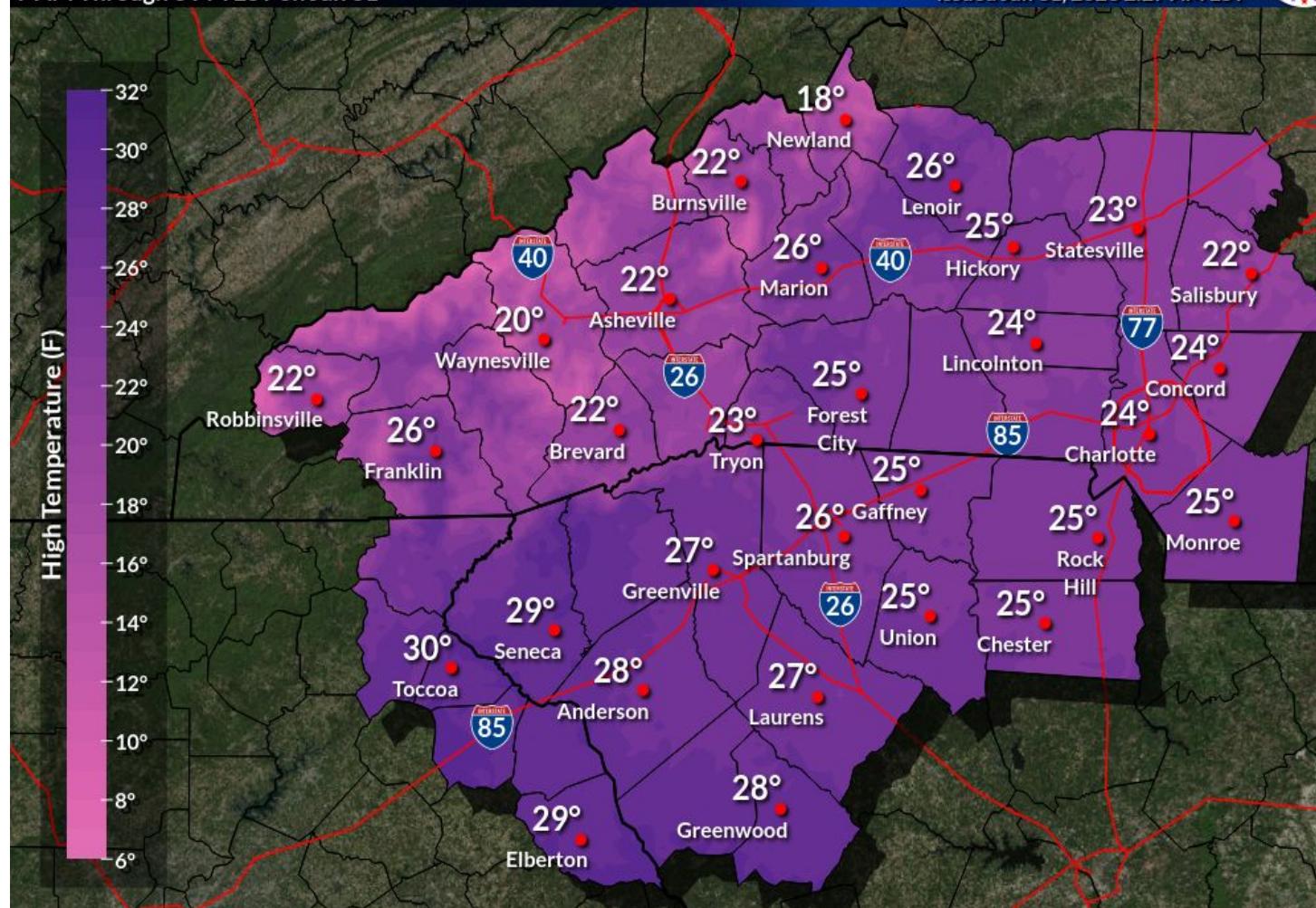
Temperature Forecast for Today & Tonight

January 31, 2026
4:16 AM EST

Western Carolinas and Northeast Georgia

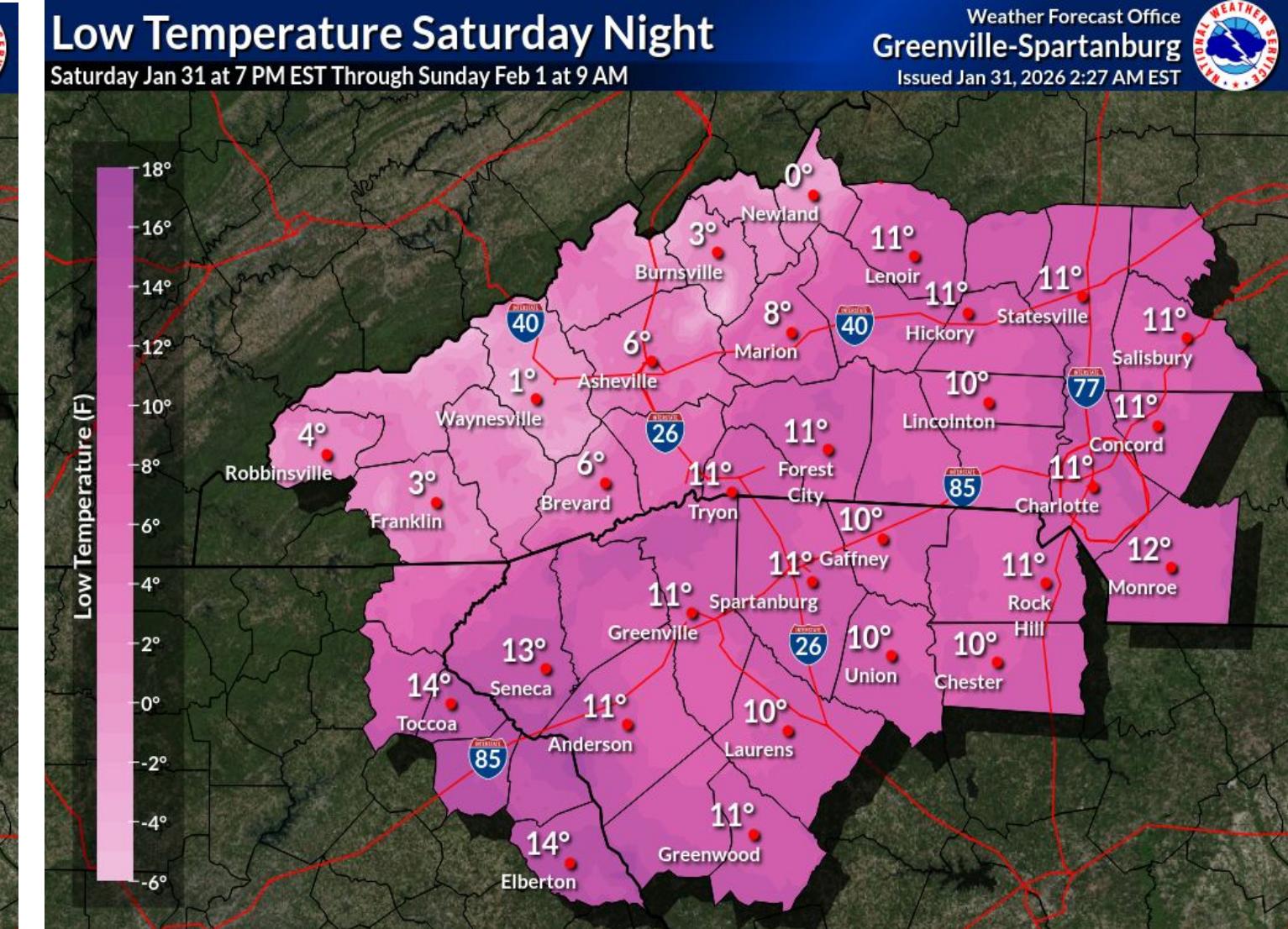
High Temperature Saturday

7 AM Through 8 PM EST on Jan 31



Low Temperature Saturday Night

Saturday Jan 31 at 7 PM EST Through Sunday Feb 1 at 9 AM



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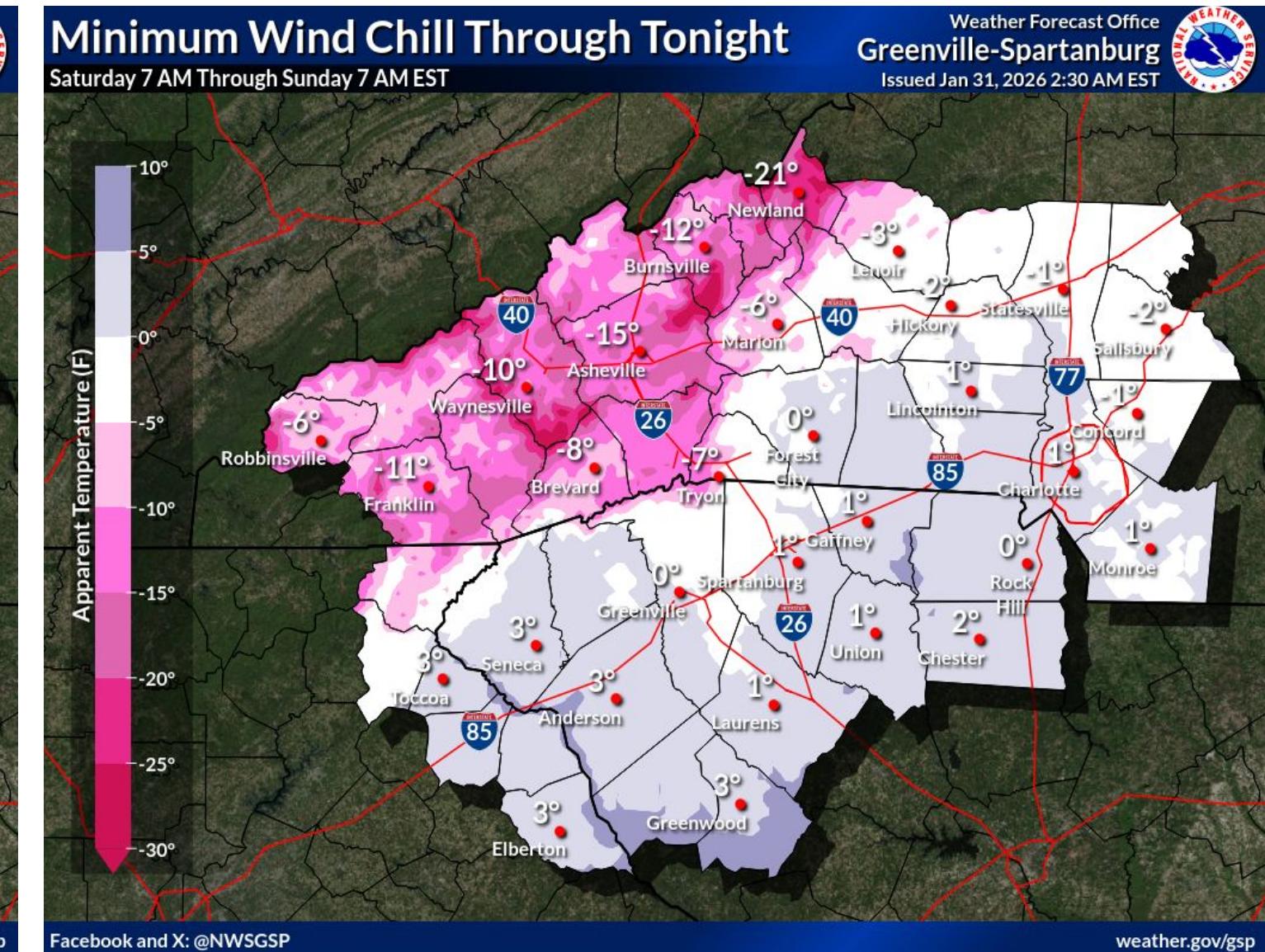
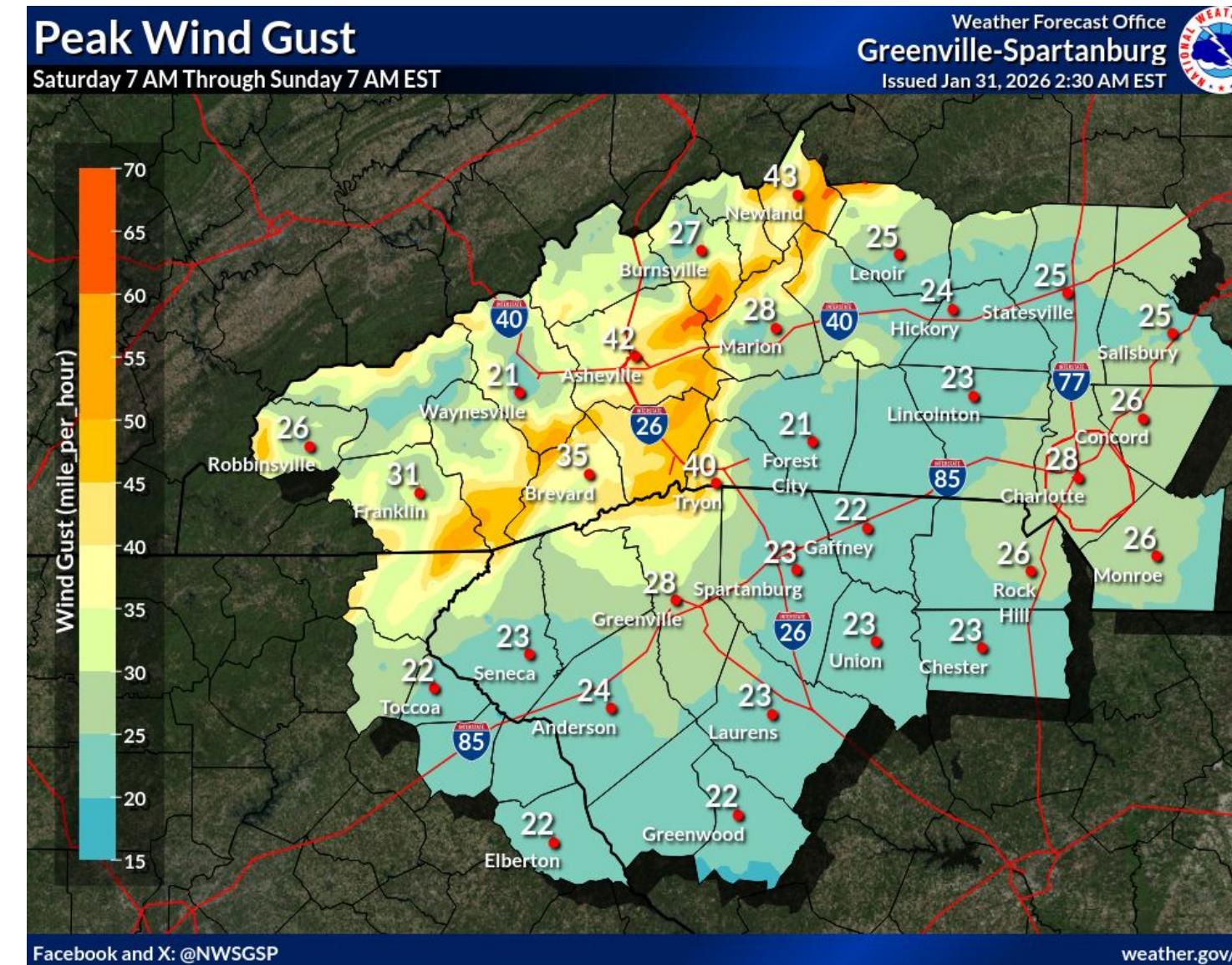


Peak Wind Gust & Wind Chill thru Tonight

January 31, 2026

4:16 AM EST

Western Carolinas and Northeast Georgia



- Expect areas of **blowing snow with reduced visibilities** adding to the hazardous driving conditions today & tonight.
- **Life-threatening cold** tonight thru Sunday morning.



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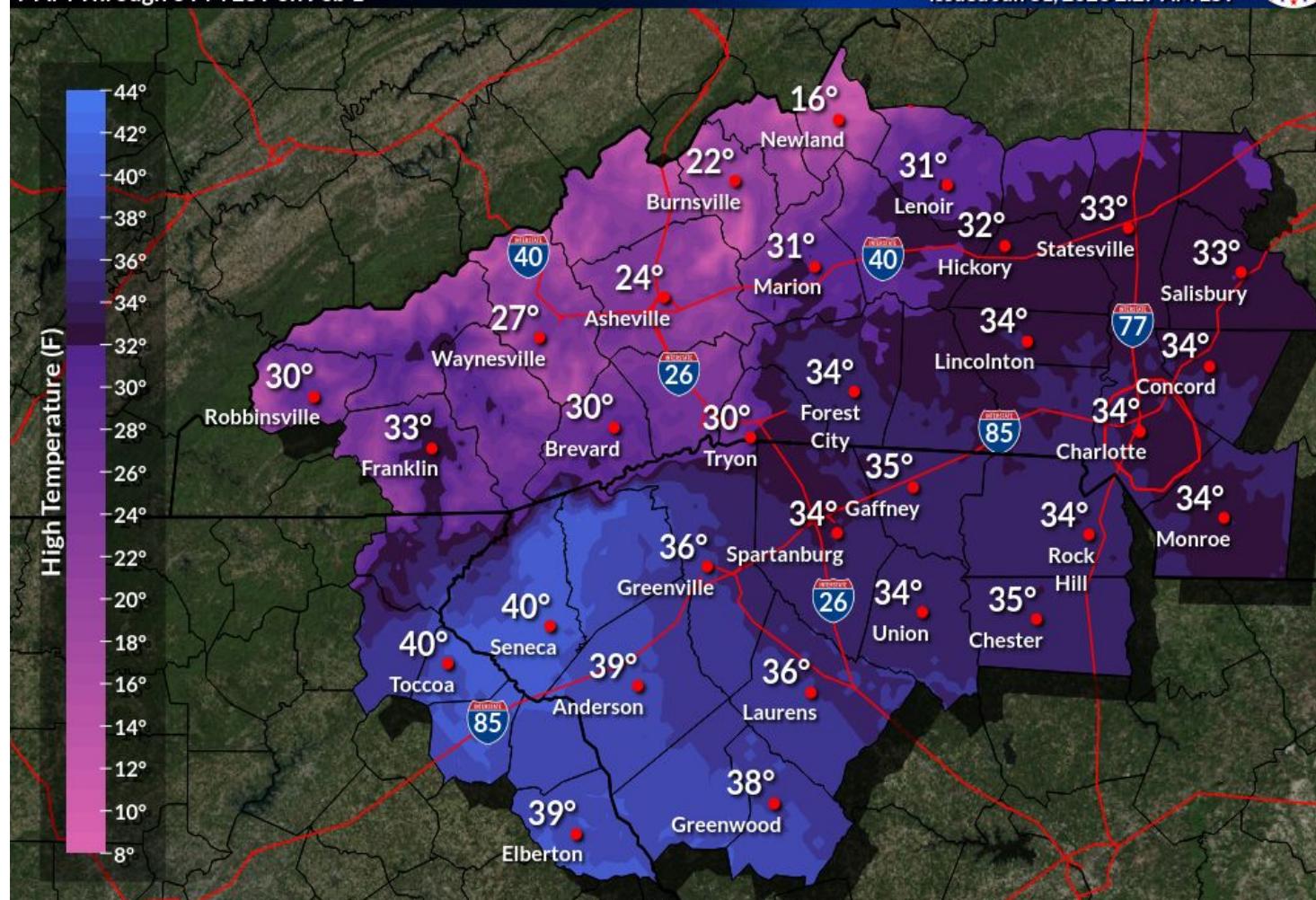
Temperature Forecast for Sunday & Sunday Night

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Western Carolinas and Northeast Georgia

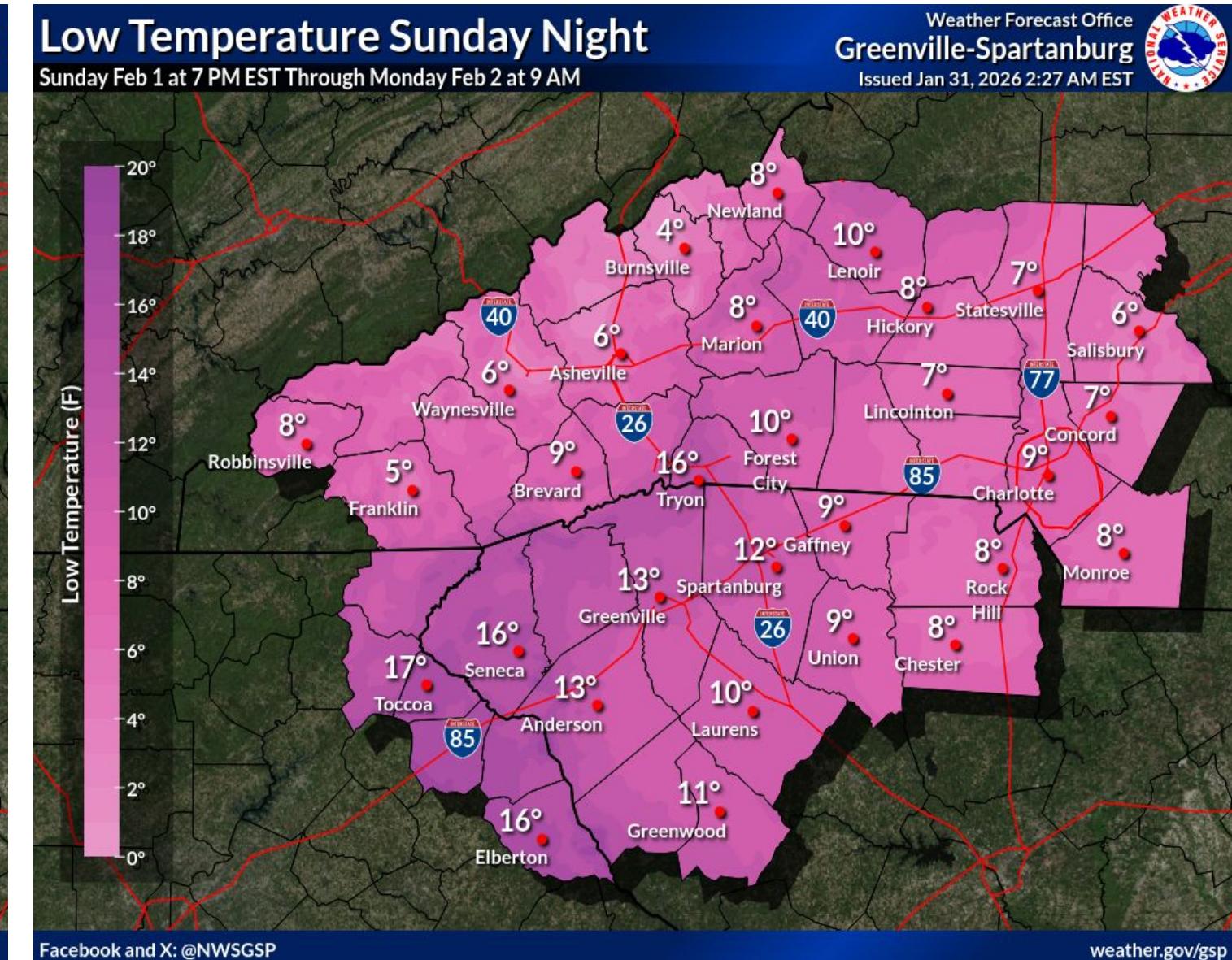
High Temperature Sunday

7 AM Through 8 PM EST on Feb 1



Low Temperature Sunday Night

Sunday Feb 1 at 7 PM EST Through Monday Feb 2 at 9 AM



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Temperature Forecast for Monday & Monday Night

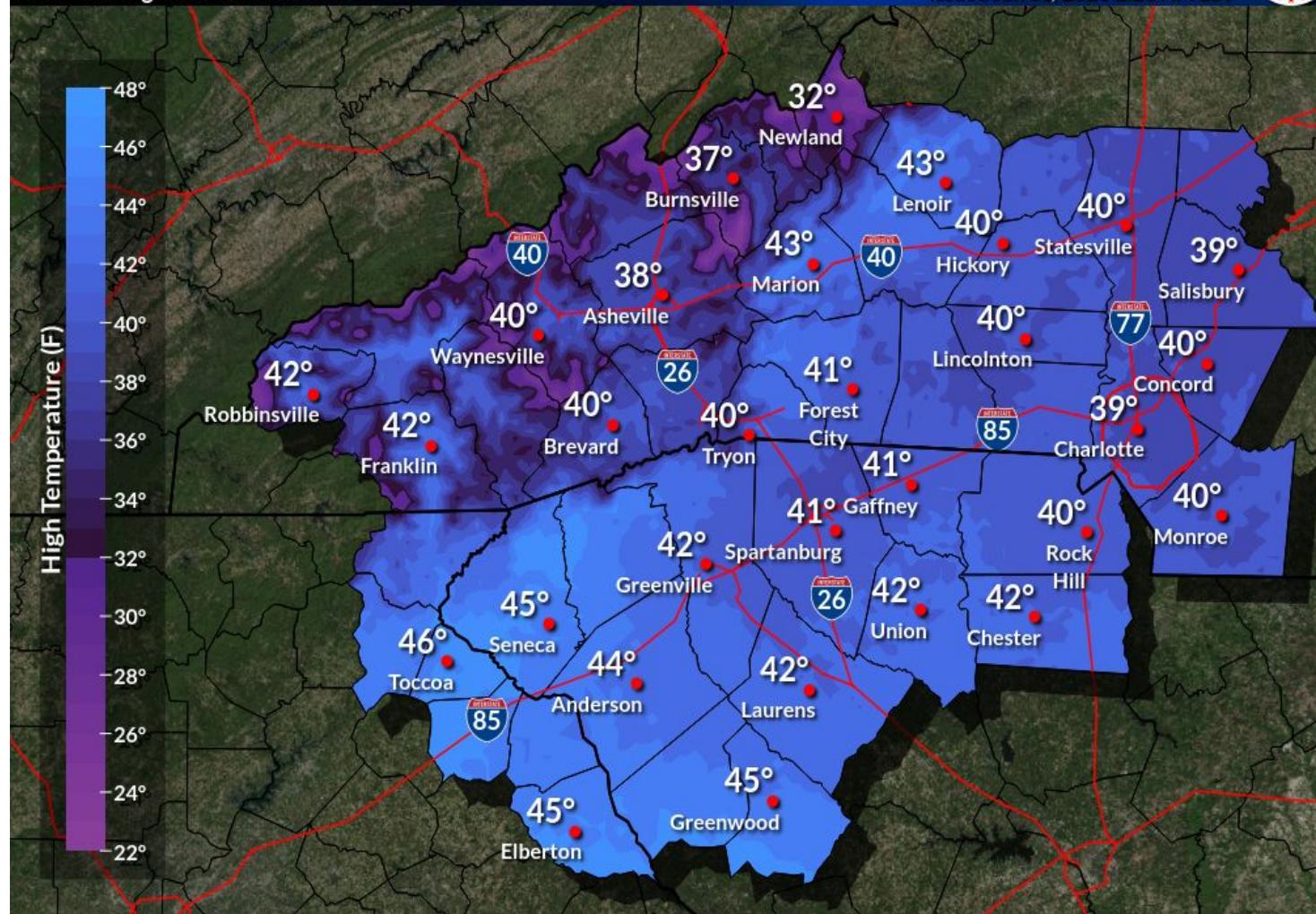
January 31, 2026

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Western Carolinas and Northeast Georgia

High Temperature Monday

7 AM Through 8 PM EST on Feb 2

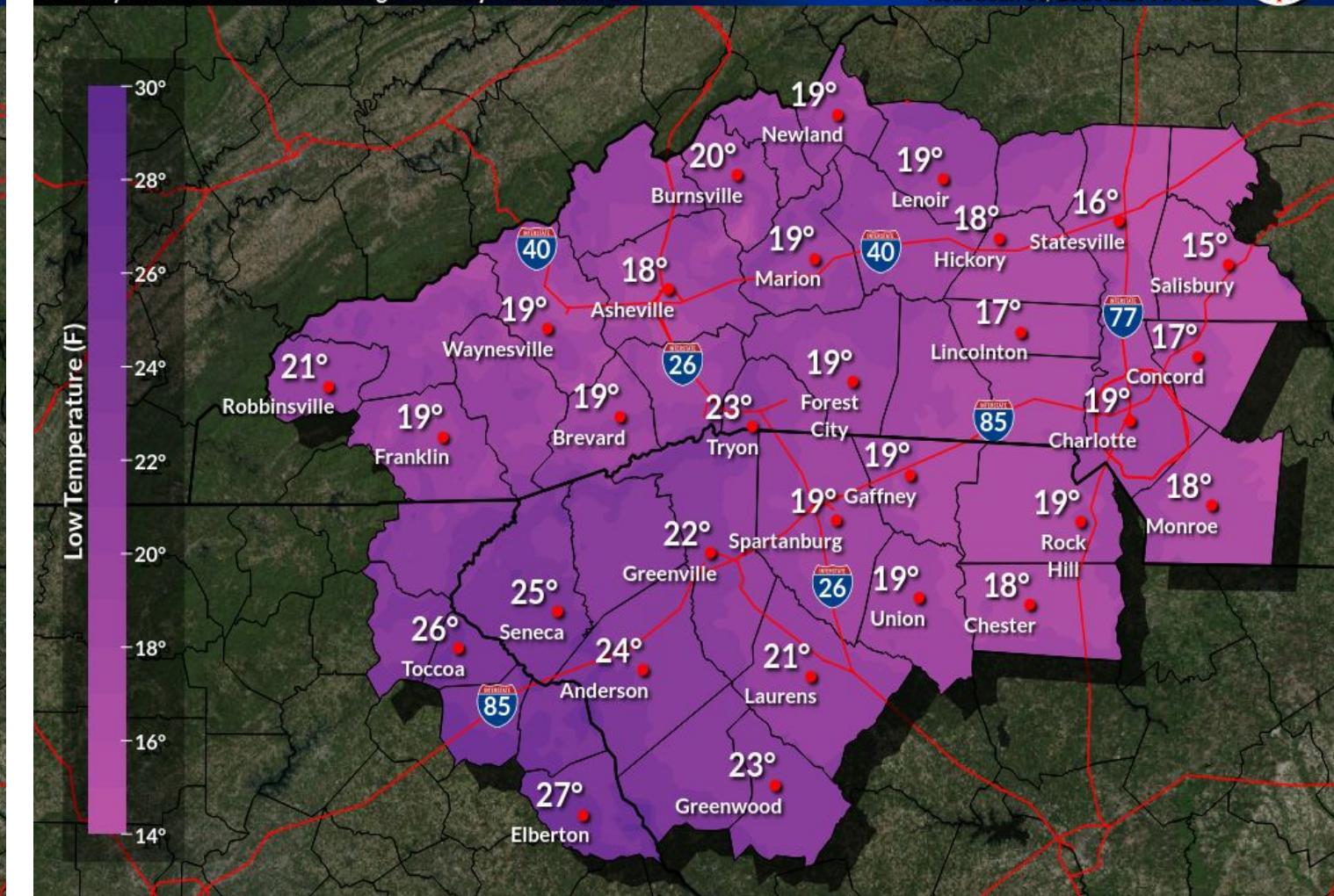


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weather.gov/gs

Low Temperature Monday Night

Monday Feb 2 at 7 PM EST Through Tuesday Feb 3 at 9 AM



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Temperature Impacts

Through Monday

January 31, 2026
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- Temperatures will remain in the 20s for most of the area today.
- **Even light snow will stick efficiently** at these temperatures.
- Despite sunny skies, temperatures will struggle to warm above freezing on Sunday, especially in locations with heavier snowpack.
- Snow melt will be minimal on Sunday and impacts to travel will linger into the early part of the work week.
- Temperatures begin to moderate on Monday, but cold temperatures Monday night will result in *refreezing of slush and meltwater*.
- ***Much of the area will be near or below freezing until Monday afternoon.***



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IDSS Forecast Point Page

For Point-Specific Forecasts

IDSS Forecast Points

- To get point-specific hourly forecast information, check out our IDSS Forecast Points page
- www.weather.gov/forecastpoints
- Can customize your hourly plot order/look for your specific thresholds



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IDSS Forecast Points

Search Map...

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Wind Advisory from 1000 am EST Tue. 1/9/2024 to 1000 pm EST Tue. 1/9/2024
Flood Watch from 1200 am EST Tue. 1/9/2024 to 700 pm EST Tue. 1/9/2024

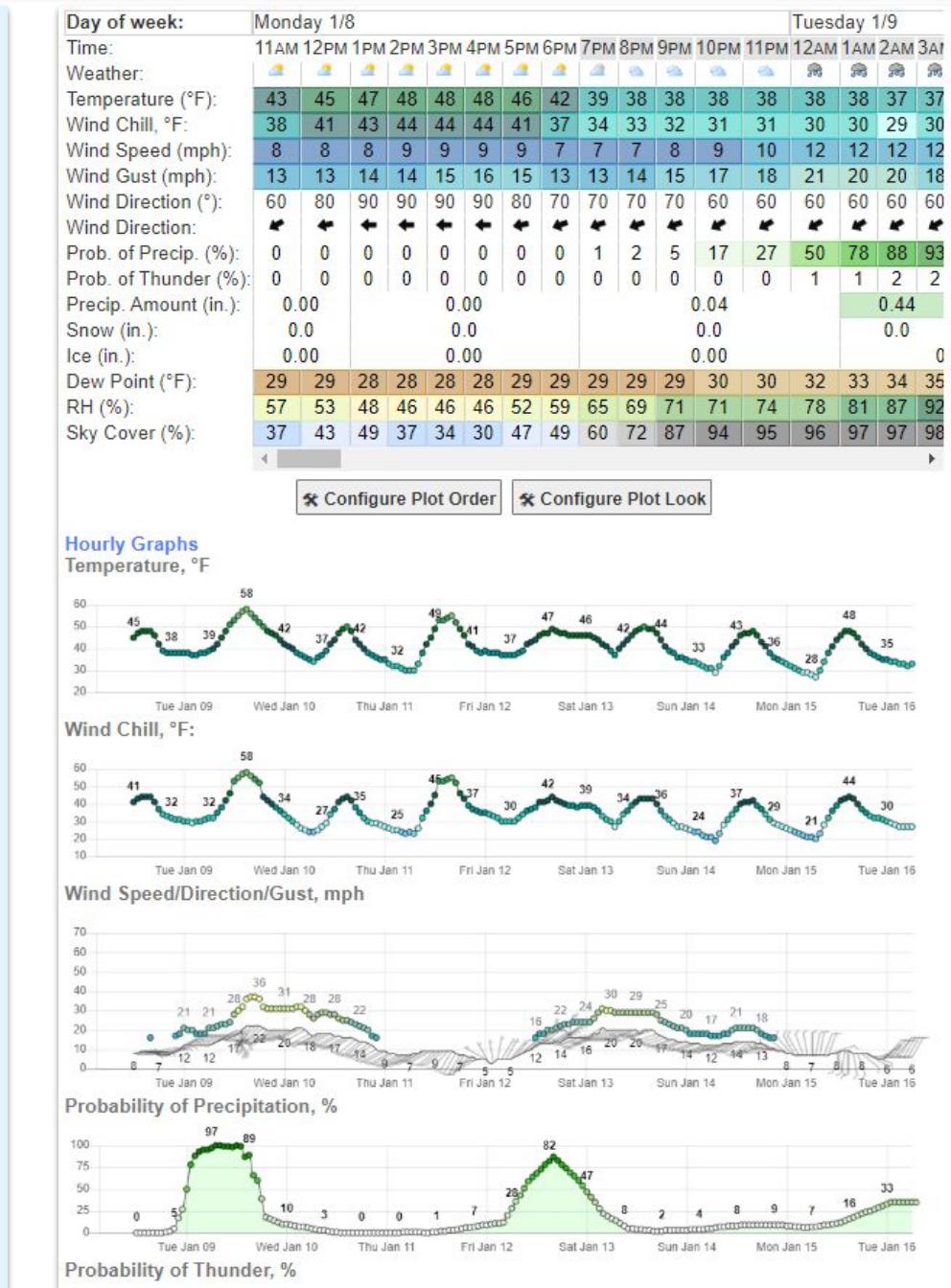
Table updated: 957 am EST Mon. 1/8/2024 (Last Update: 103 minutes ago)

Click for Text Forecast
GSP Forecast Discussion
4 miles S of Greer, SC

	Mon Jan 8	Tue Jan 9	Wed Jan 10	Thu Jan 11	Fri Jan 12	Sat Jan 13	Sun Jan 14
Max Temp, °F	49	59	50	55	50	50	48
Min Temp, °F	38	37	34	30	37	36	29
Min Wind Chill, °F	31	29	24	23	30	27	19
Max Wind, mph	10	22	21	9	16	21	14
Min Wind, mph	7	12	9	5	3	14	9
Max Wind Gust, mph	18	37	32	14	24	31	21
Max Prob. of Precip., %	27	100	9	9	87	41	9
Max Prob. of Thunder, %	0	13	0	0	18	7	1
Max Dew Point, °F	30	54	35	35	43	42	24
Min Dew Point, °F	28	33	28	28	32	25	22
Max RH, %	74	100	82	94	91	90	73
Min RH, %	46	81	48	46	73	43	38
Max Cloud Cover, %	95	99	50	35	87	49	38
Min Cloud Cover, %	30	55	12	7	48	22	19

Outlooks

	Day 1	Day 2	Day 3
Severe Thunderstorm	Not Expected	Marginal	Not Expected
Excessive Rainfall	Marginal	Slight	Not Expected





Contact and Next Briefing Information

For the Western Carolinas and Northeast Georgia



Briefing Webpage

- weather.gov/gsp/brief



Next Briefing

- By 6:00 PM Saturday, January 31st
- Method: Email PDF



Disclaimer

- Information contained in this briefing is time-sensitive
- **Do Not Use After: 6:00 PM Saturday, January 31st**



Contact Information

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