

Winter Weather Weather Briefing

January 28, 2026
3:50 PM EST

Decision Support Briefing #1 for the Western Carolinas and Northeast Georgia

Decision Support Briefing 1

→ As of 4:00 PM Wednesday, January 28

NEW

Important Updates

- First briefing
- Increasing confidence of impactful snow this weekend



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Greenville-Spartanburg, SC



Another Winter Weather Event

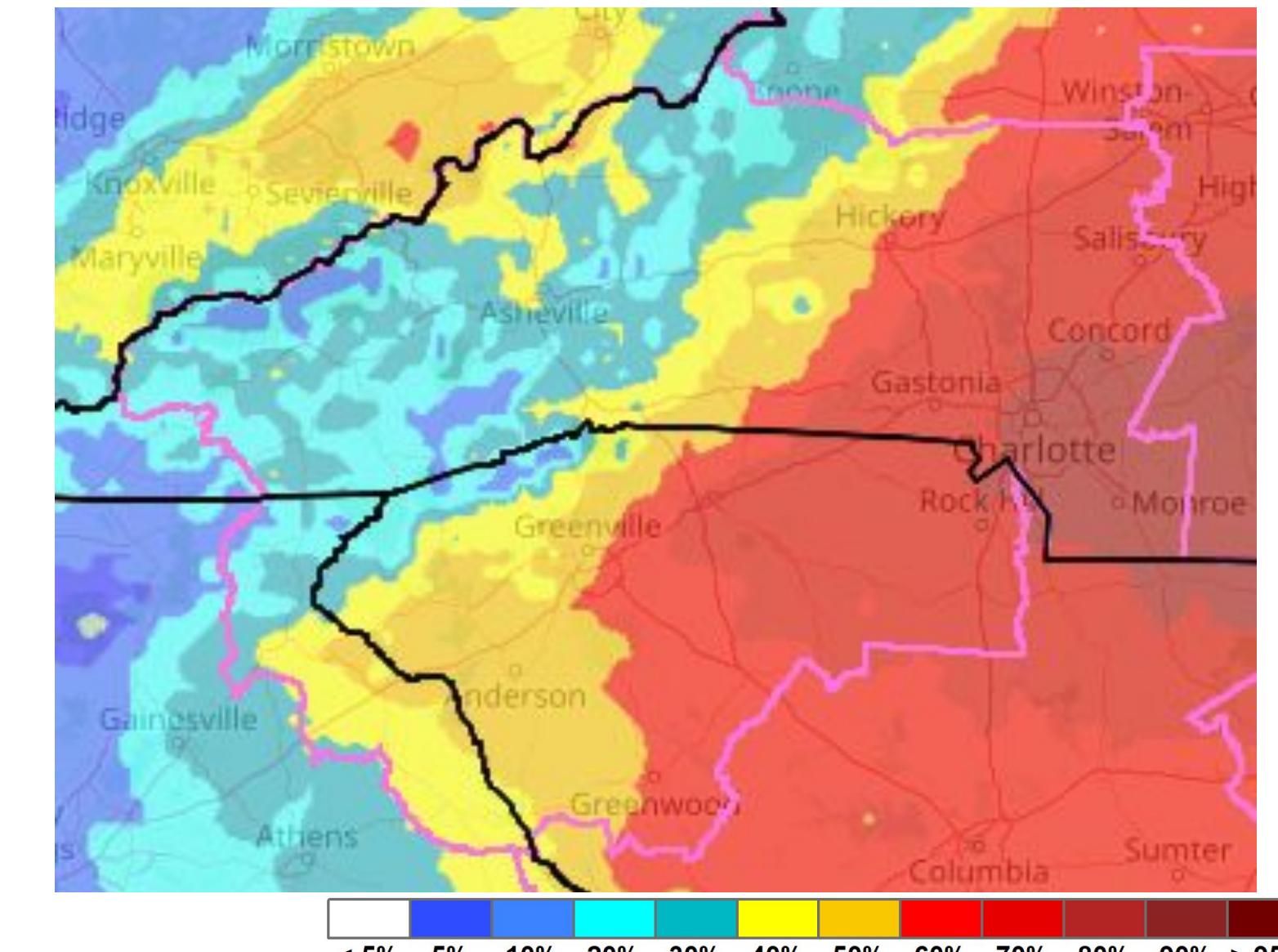
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Snow Expected Friday Night Through Saturday Night

Key Messages

- Snow expected to start Friday night and last into Saturday night.
- Windy and very cold conditions expected with the event.
- Extremely high snow ratios of 15:1 or possibly 20:1 will lead to extremely dry/blowing snow.
- Potential for a band of heavy snowfall to develop somewhere, possibly leading to significant snowfall rates and high snowfall totals.
- Rain may mix with snow at the onset especially across SC; as temperatures plummet, this will freeze into a layer of ice underneath the snow.
- Prolonged cold continued after the event.

Probability of Moderate Winter Storm Impacts
(*disruptions to daily life, hazardous driving conditions*)



Explanation of the product at right:

<https://www.wpc.ncep.noaa.gov/wwd/wssi/WSSI-P-infographic.png>



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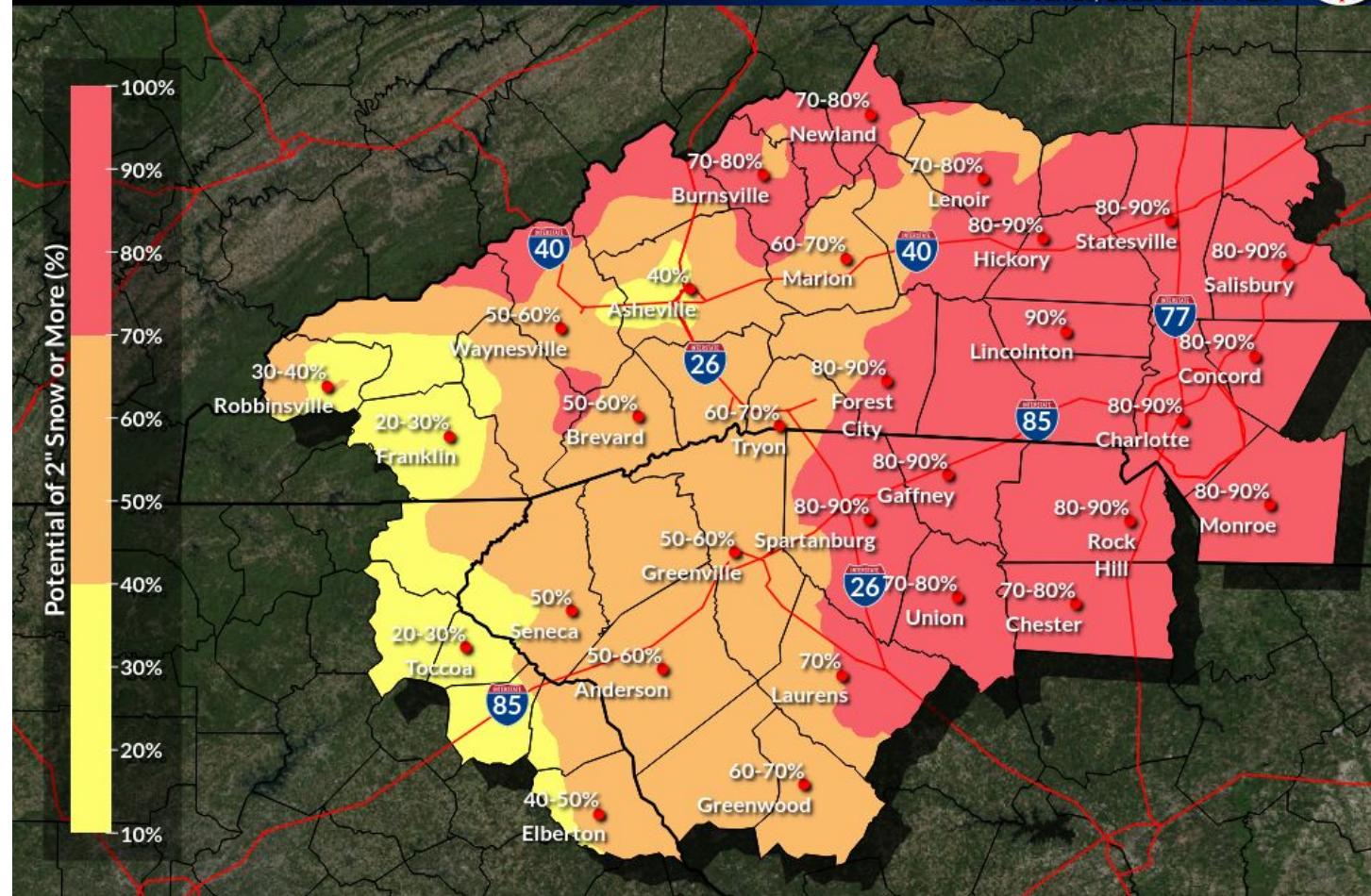


Confidence in Snowfall Thresholds

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Probability of Snowfall Exceeding 2" and 6" between Friday Afternoon and Saturday Evening

Snowfall Potential for more than 2 Inches





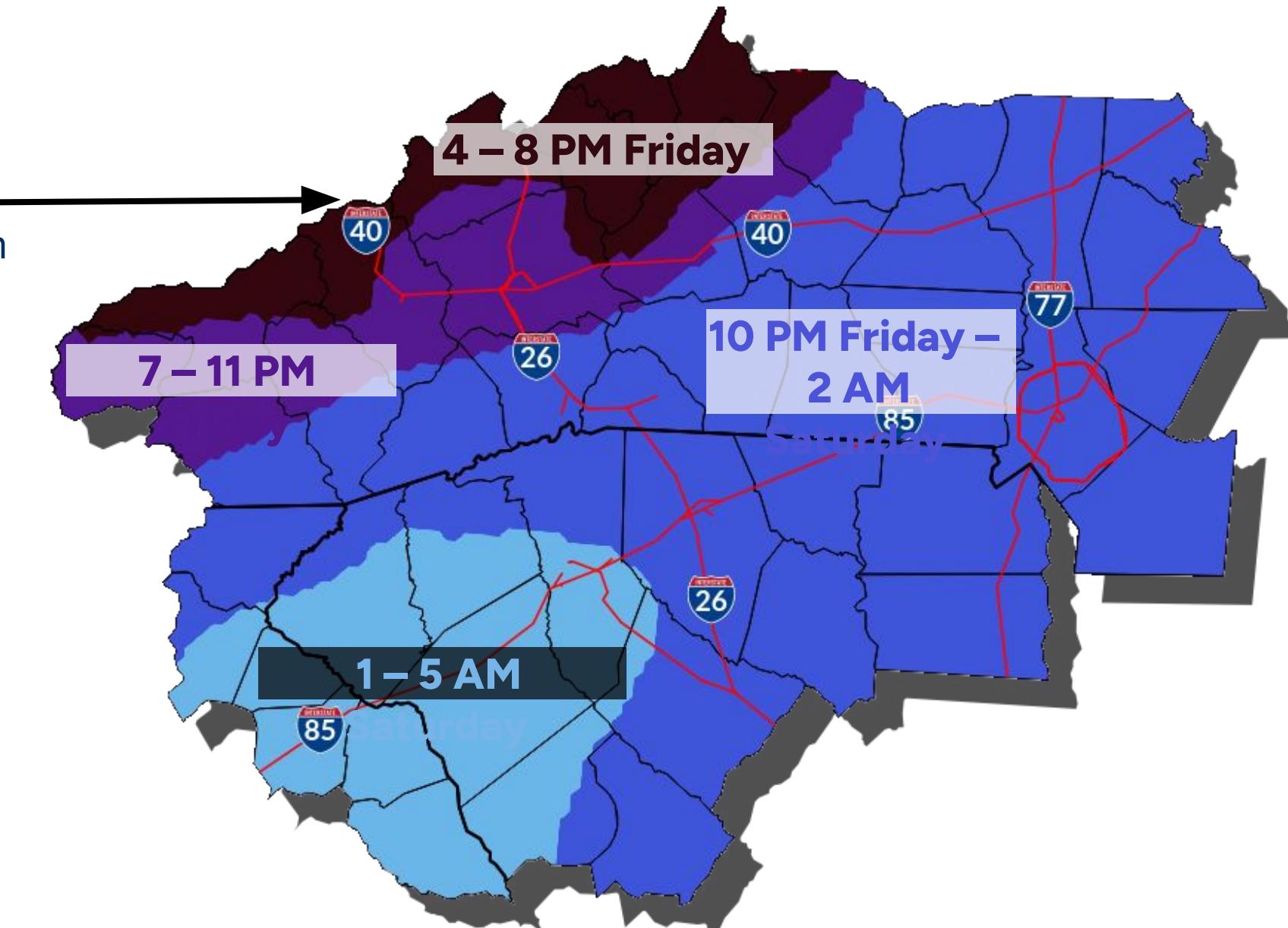
Timing for Accumulating Snow

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The graphic below shows the most likely time window that snow will begin Friday

Snowfall Timing Details

- **Onset:** Snowfall will begin in the North Carolina mountains as early as Friday afternoon or evening, then spread across the rest of the area Friday night.
- **Peak:** The highest chance for snow is during the day Saturday. The possibility of heavier snow may continue into Saturday evening, particularly along and east of the I-77 corridor.
- **End:** Snow is expected to conclude on Saturday, progressing from west to east:
 - Mountains: Saturday afternoon
 - Foothills: Saturday evening
 - Piedmont: Saturday night



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Snow Ratios

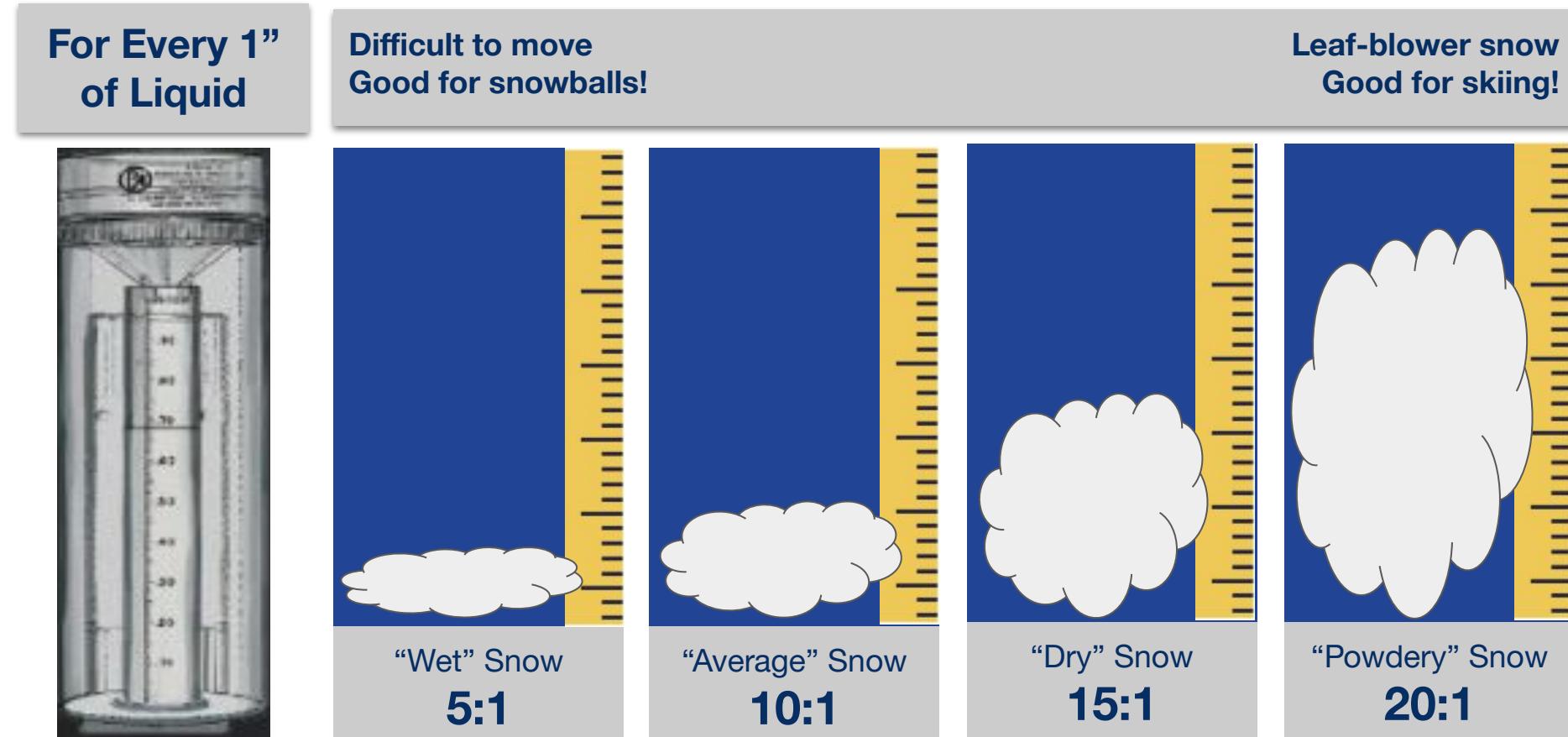
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Snow-Liquid Ratio (SLR) Determines the Weight of the Snow

Snow Ratio Information

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

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



“Average” SLR:

- Piedmont: near 8:1
- Mountains: near 10:1



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Cold Temperatures and Strong Winds

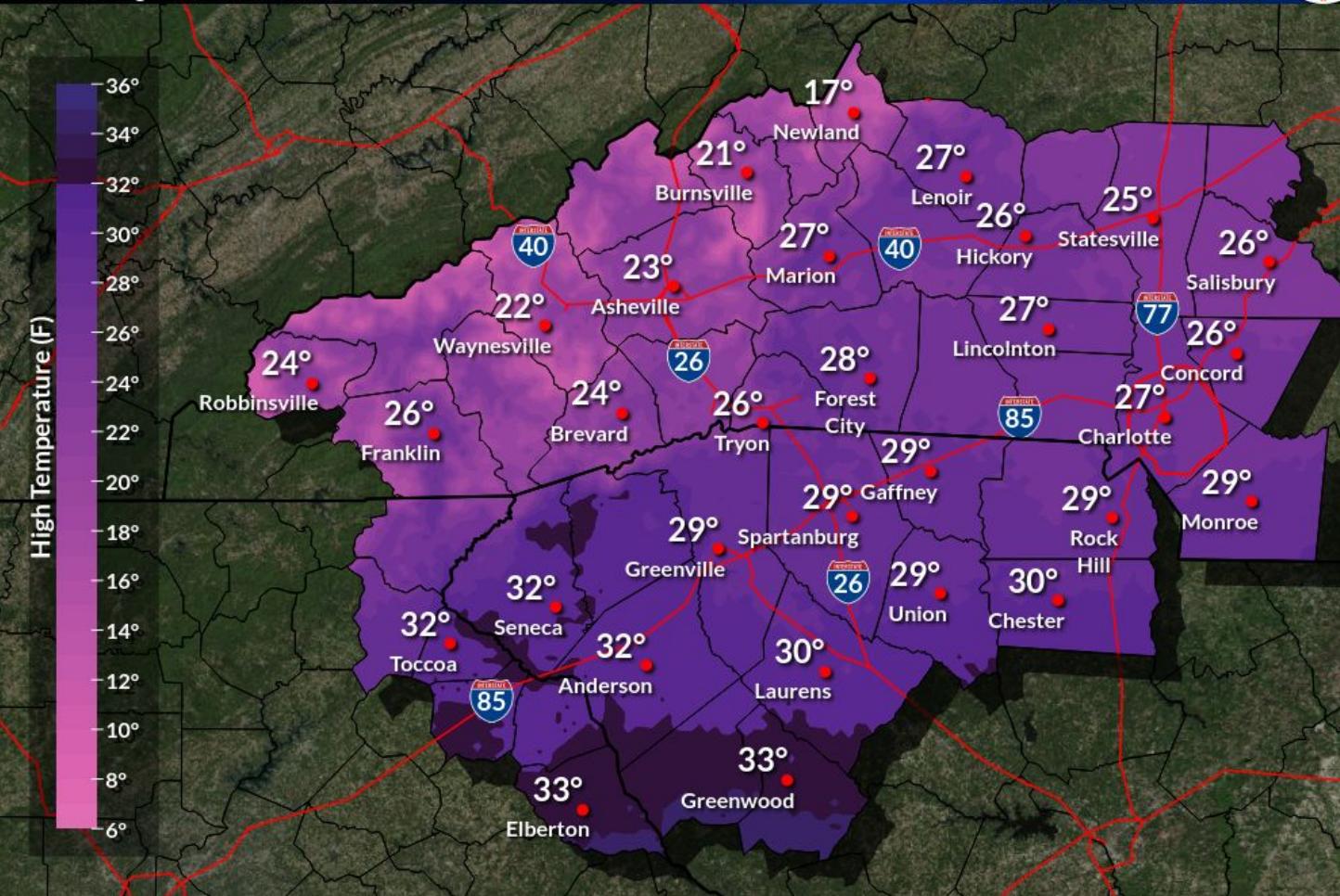
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Dangerously Cold Wind Chills Saturday Night

High Temperature Saturday

7 AM Through 8 PM EST on Jan 31

Weather Forecast Office
Greenville-Spartanburg
Issued Jan 28, 2026 12:48 PM EST



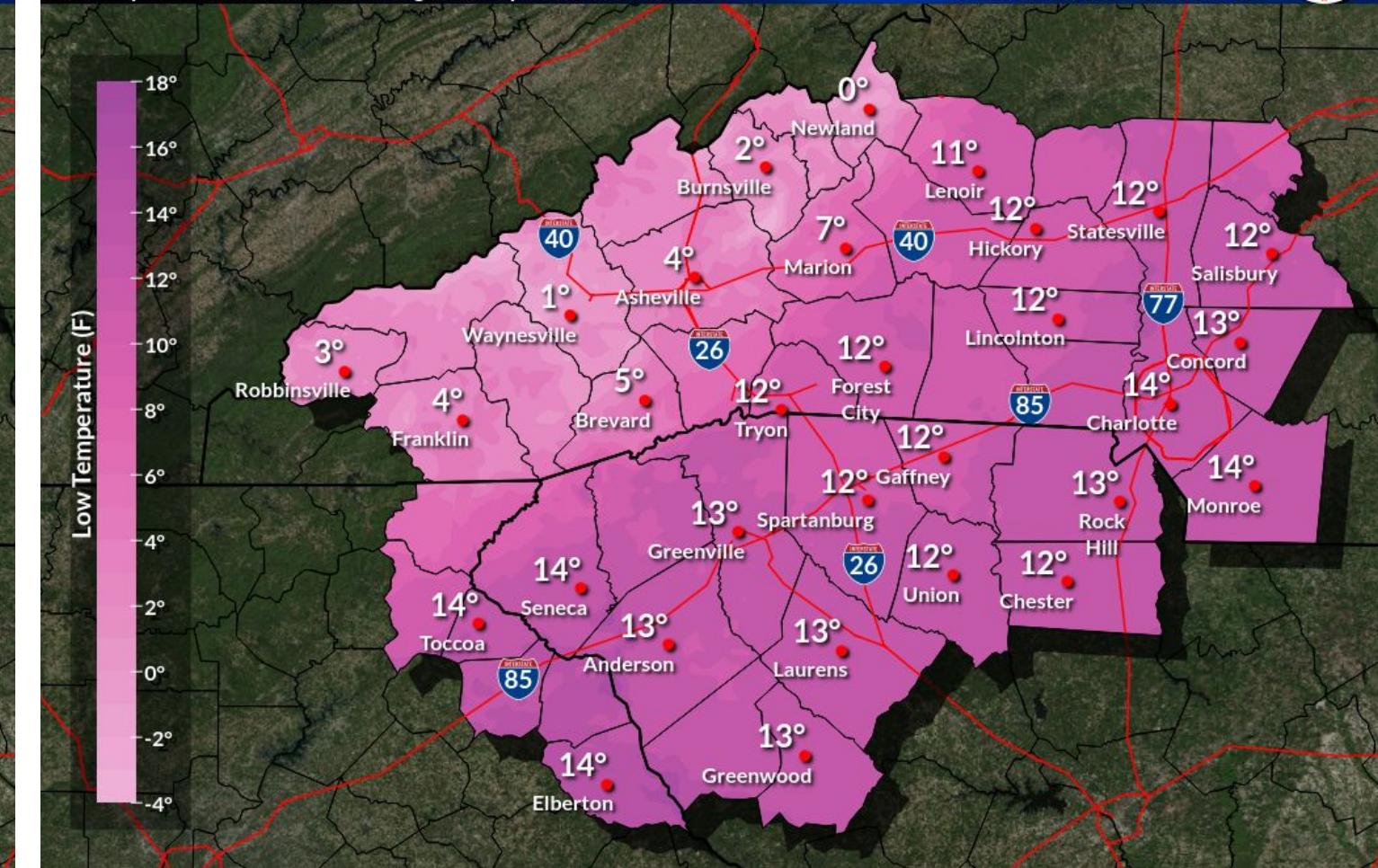
Facebook and X: @NWSGSP

weather.gov/gsp

Low Temperature Saturday Night

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

Weather Forecast Office
Greenville-Spartanburg
Issued Jan 28, 2026 12:47 PM EST



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- Below-freezing temperatures for most of the area Saturday
- **Even light snow will stick efficiently** with these temperatures



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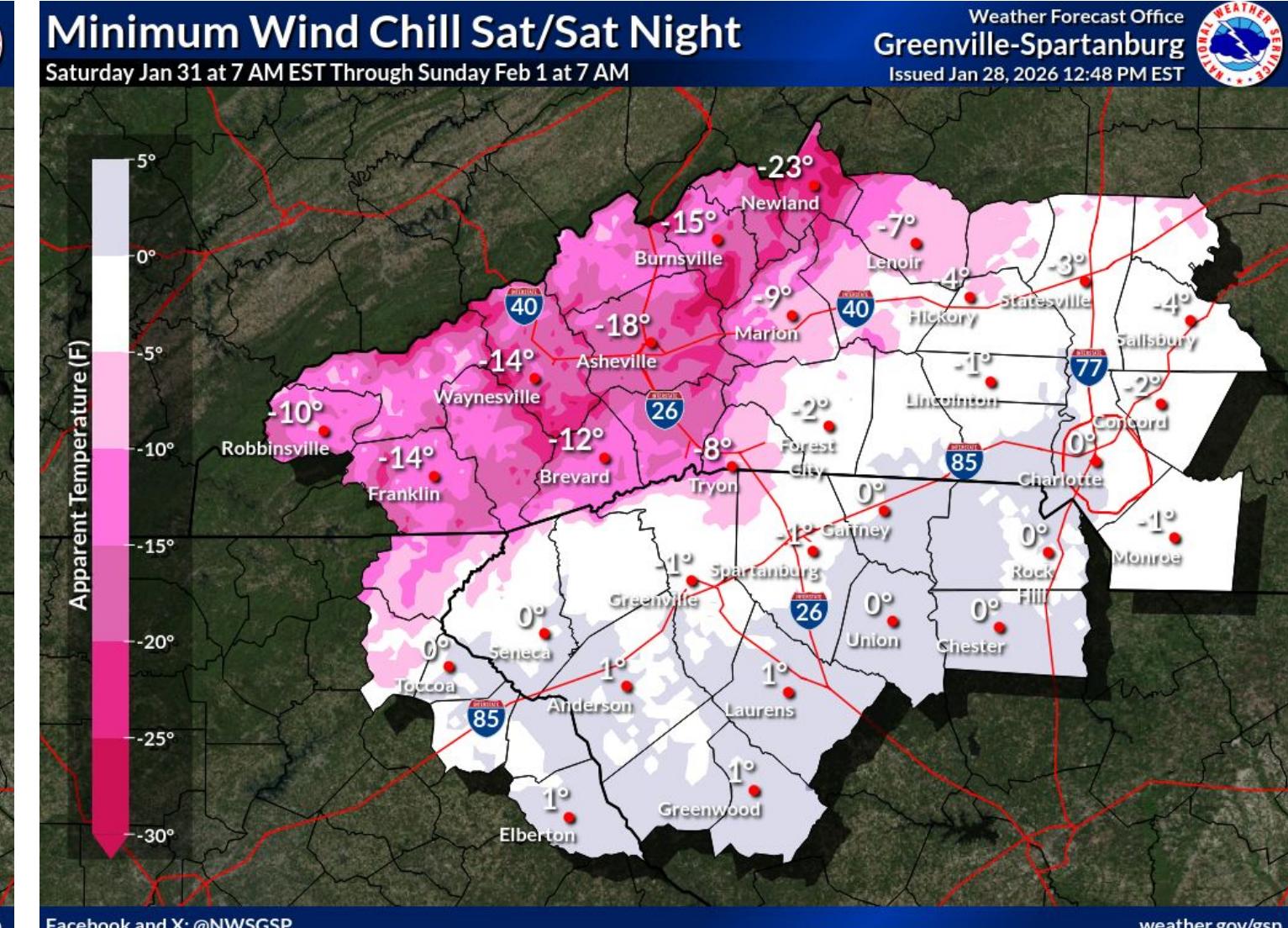
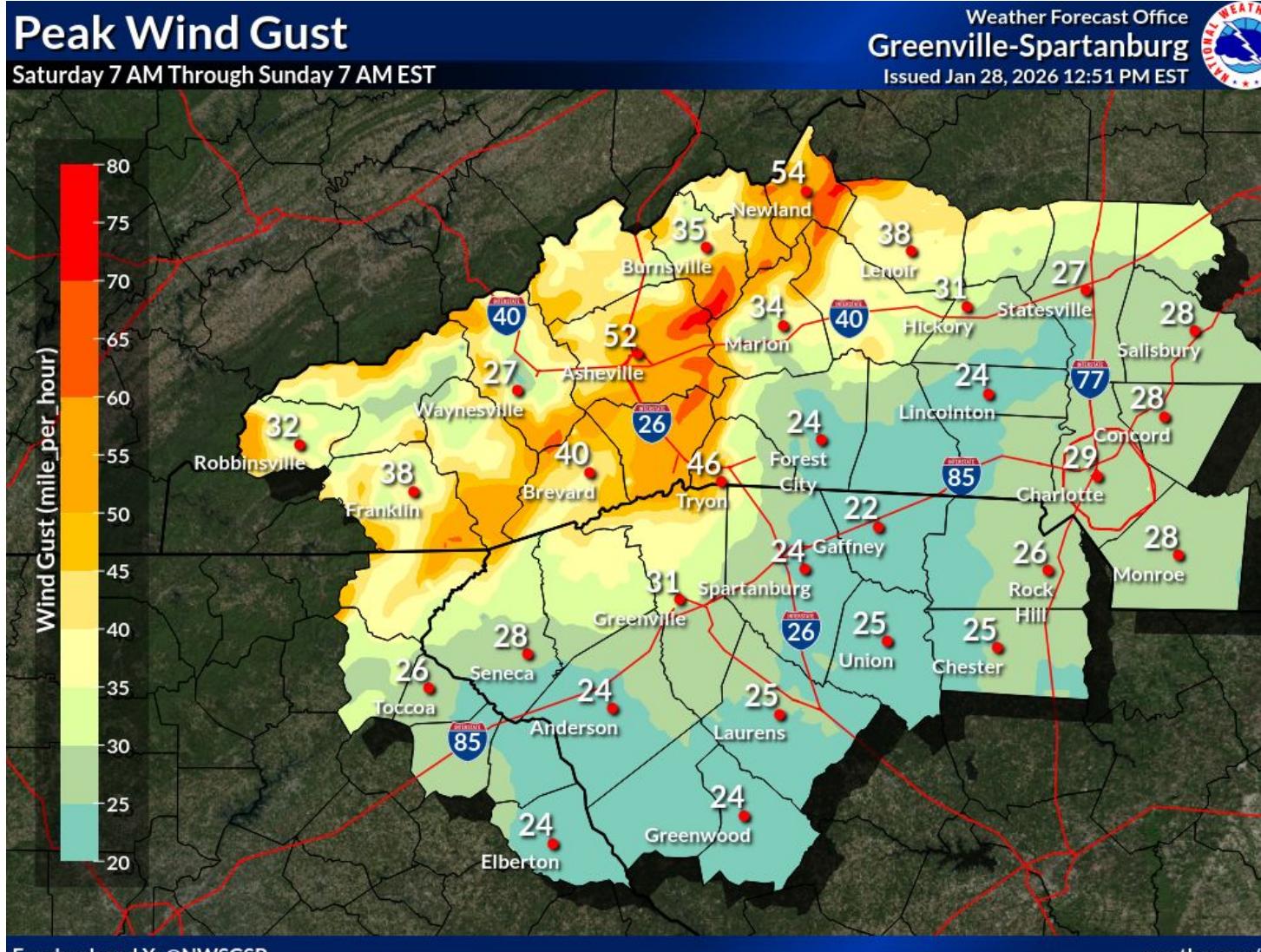
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Cold Temperatures and Gusty Winds

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Dangerously Cold Wind Chills Saturday Night



- Expect blowing snow with reduced visibilities on Saturday
- Dangerously cold wind chills Saturday night



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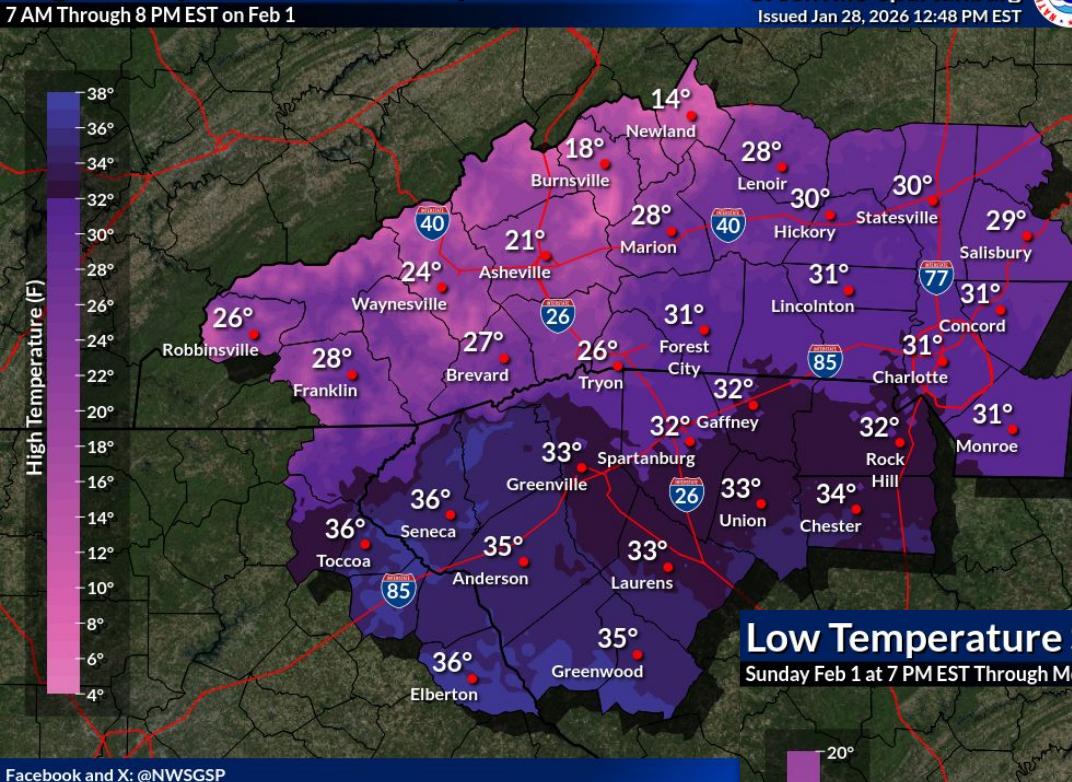


Prolonged Cold Into Next Week

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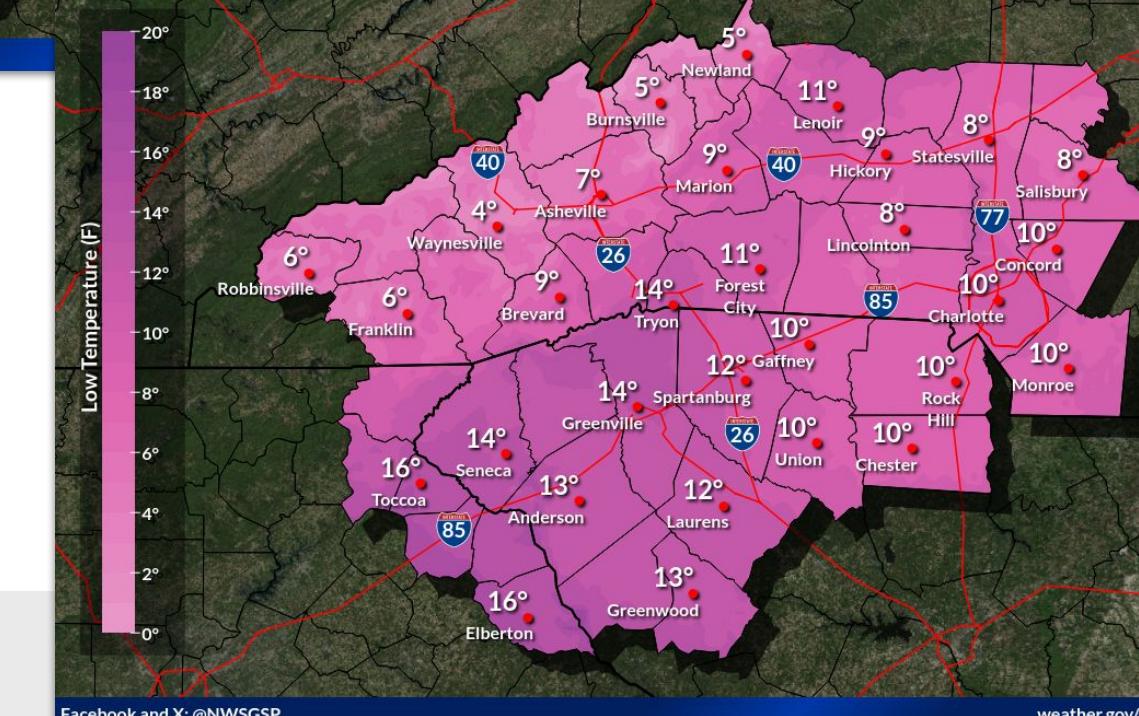
Impacts from Snowfall May Linger

High Temperature Sunday



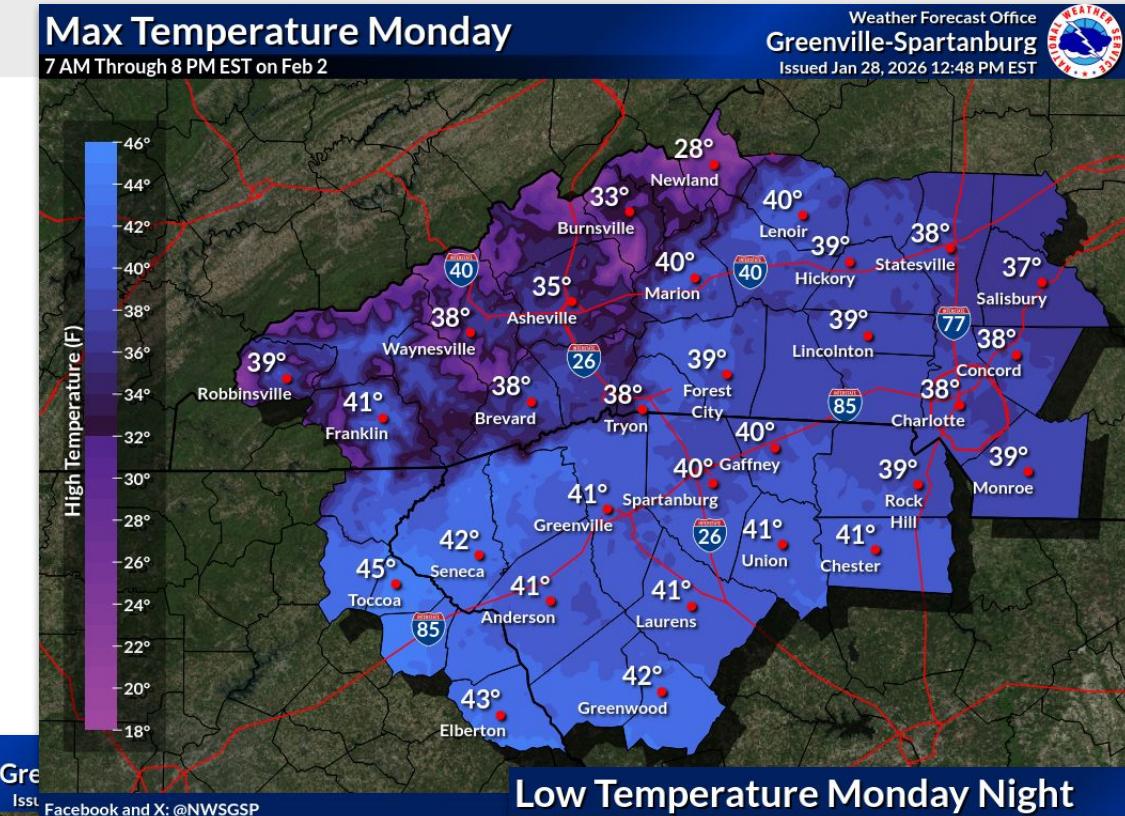
Low Temperature Sunday Night

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



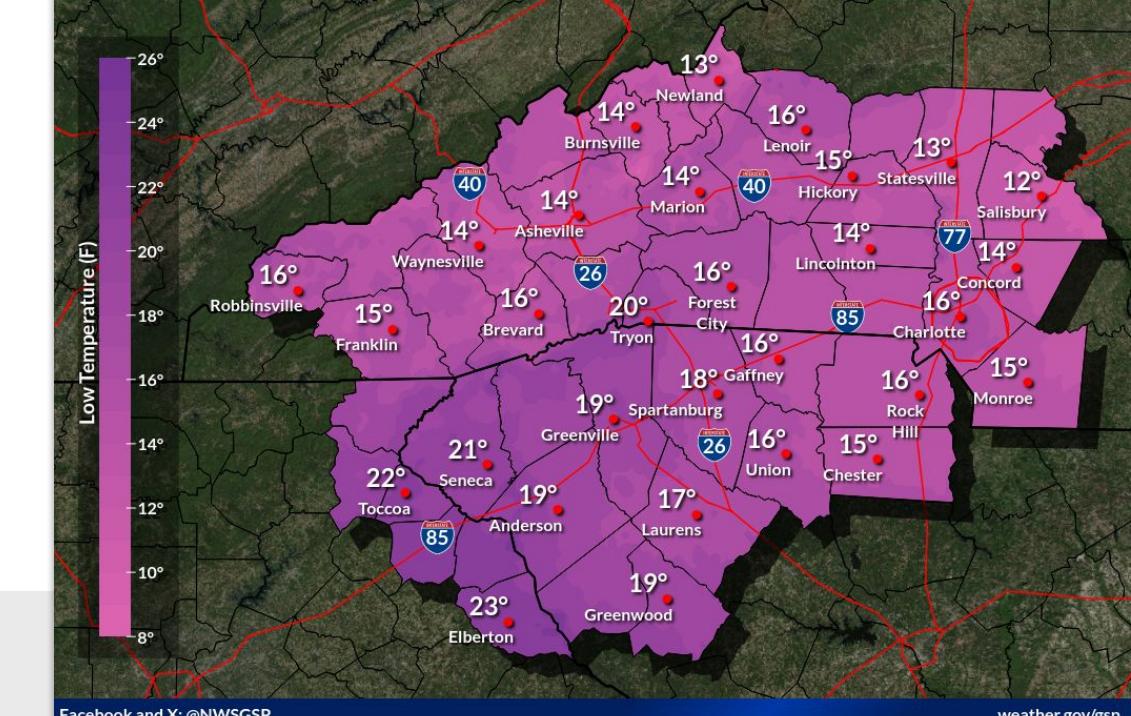
Max Temperature Monday

7 AM Through 8 PM EST on Feb 2



Low Temperature Monday Night

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



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IDSS Forecast Point Page

For Point-Specific Forecasts

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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



Prototype [Help](#) | [Change Domain](#) | [Bookmark](#) | [Legend](#)

IDSS Forecast Points

Search Map...

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

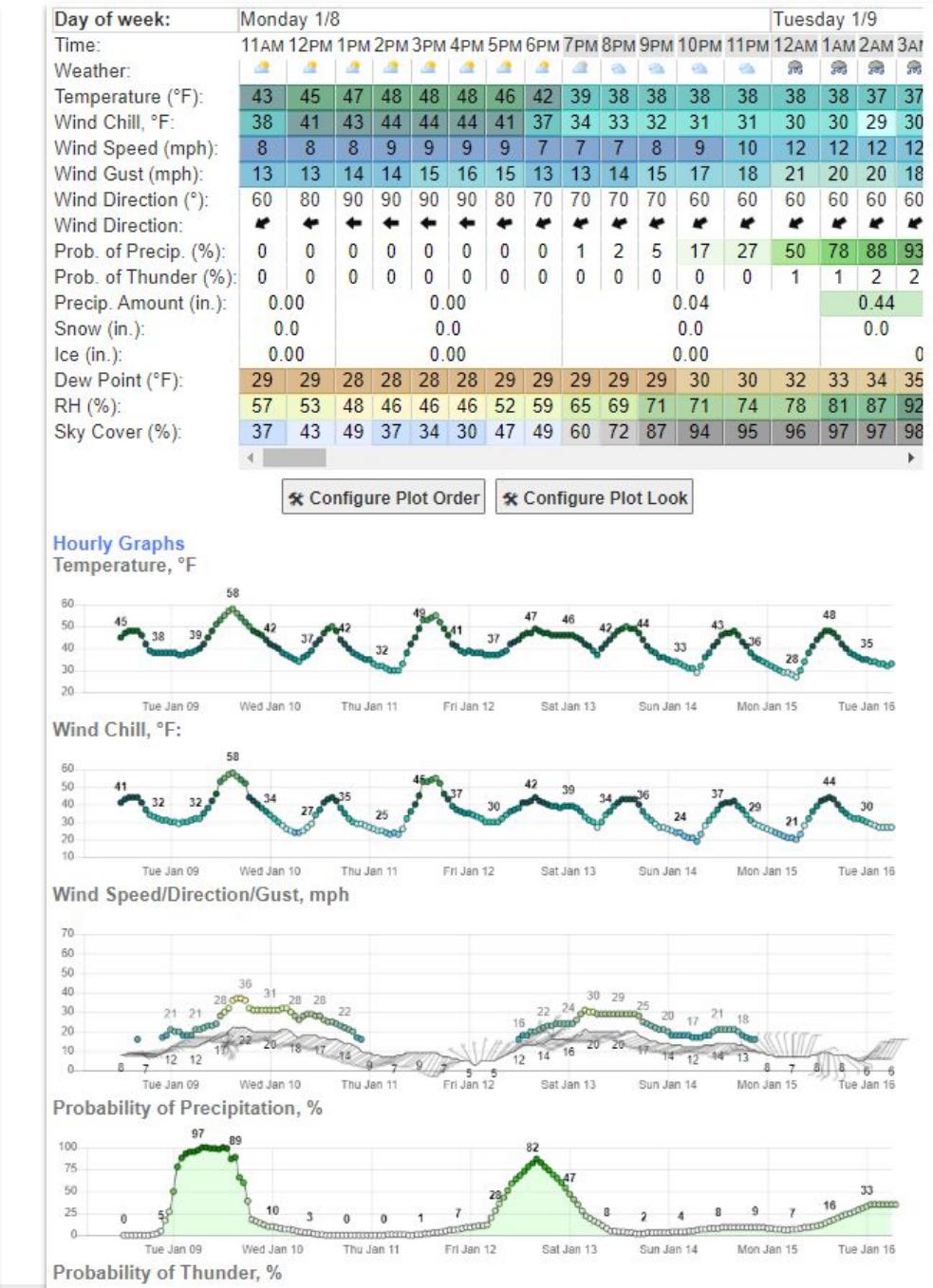
Table updated: 957 am EST Mon. 1/8/2024 (Last Update: 103 minutes ago)

[Click for Text Forecast](#)
[GSP Forecast Discussion](#)
4 miles S of Greer, SC

Weekly Summary							
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 5:00 AM Thursday, January 29
- Method: Email PDF



Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: **2:00 AM Thursday, January 29**



Contact Information

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