



# Winter Weather Weather Briefing

January 30, 2026  
5:01 AM EST

Decision Support Briefing #4 for the Western Carolinas and Northeast Georgia

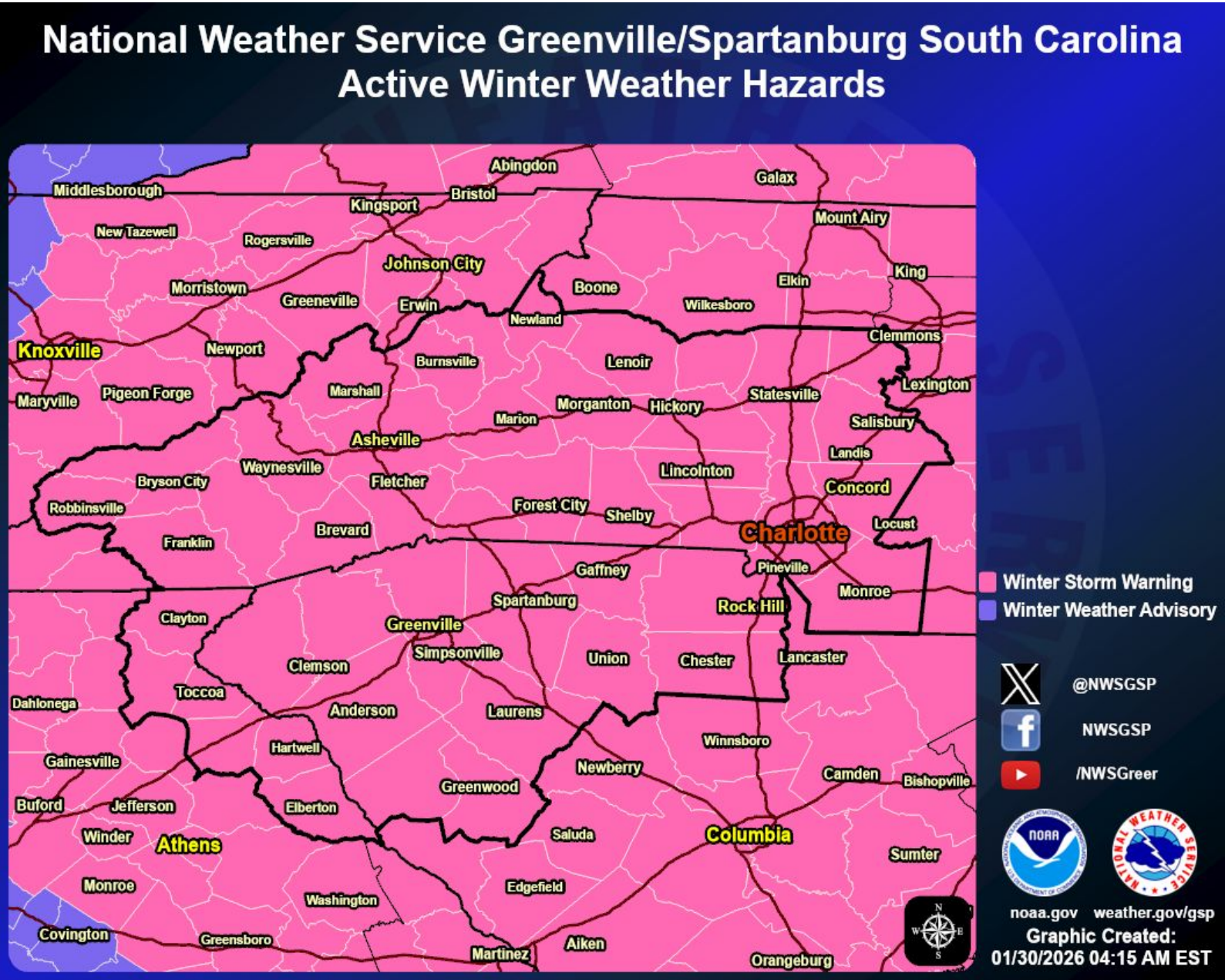
## Decision Support Briefing #4

→ As of 5:00 AM Friday, January 30th

NEW

### Important Updates

- A Winter Storm Warning is now in effect for our entire forecast area:
  - ◆ **Valid: 4 PM Friday to 7 AM EST Sunday.**
- Snowfall totals have increased over portions of our area since the last forecast package.
- Confidence has increased that most, if not all of our forecast area will receive periods of heavier snowfall with this winter system.







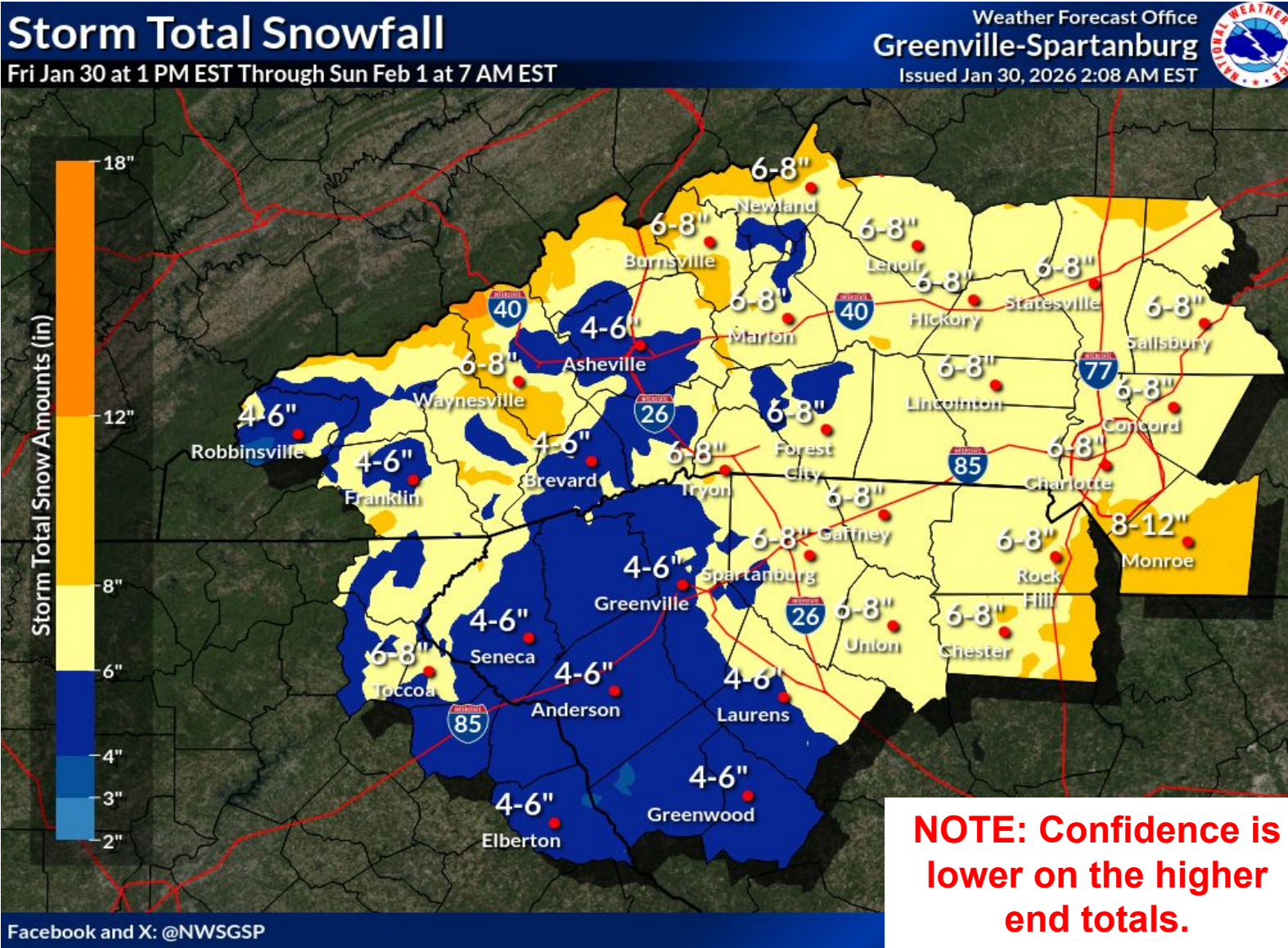
# Expected Storm Total Snowfall

January 30, 2026  
5:01 AM

This Afternoon Through Early Sunday Morning

## Key Messages

- Snow is expected to begin as early as this afternoon across the mountains. Outside of the mountains, late this evening into early Saturday morning, tapering off Saturday night.
- Windy and very cold conditions expected during and especially after the event.
- Unusually high snow: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 an additional travel hazard.
- Potential for narrow bands of heavy snowfall to develop over the area, possibly leading to significant snowfall rates and locally much higher-than-forecast snowfall. The best chance for this will likely be across the Piedmont.



*Expected snowfall as of Friday morning. Moderate confidence in the snowfall totals, but still subject to change as **values are likely to fluctuate over the next 12 to 24 hours.***



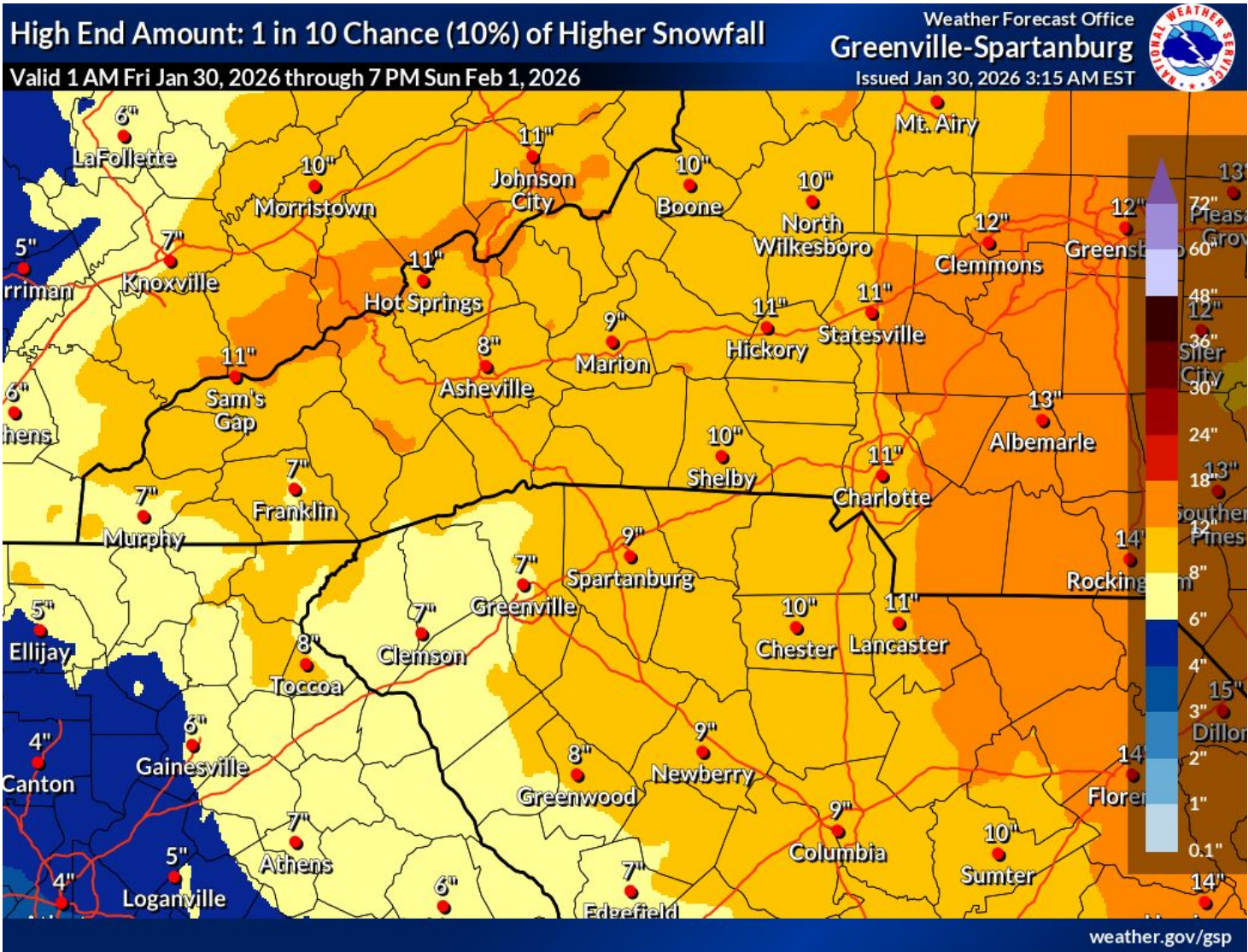




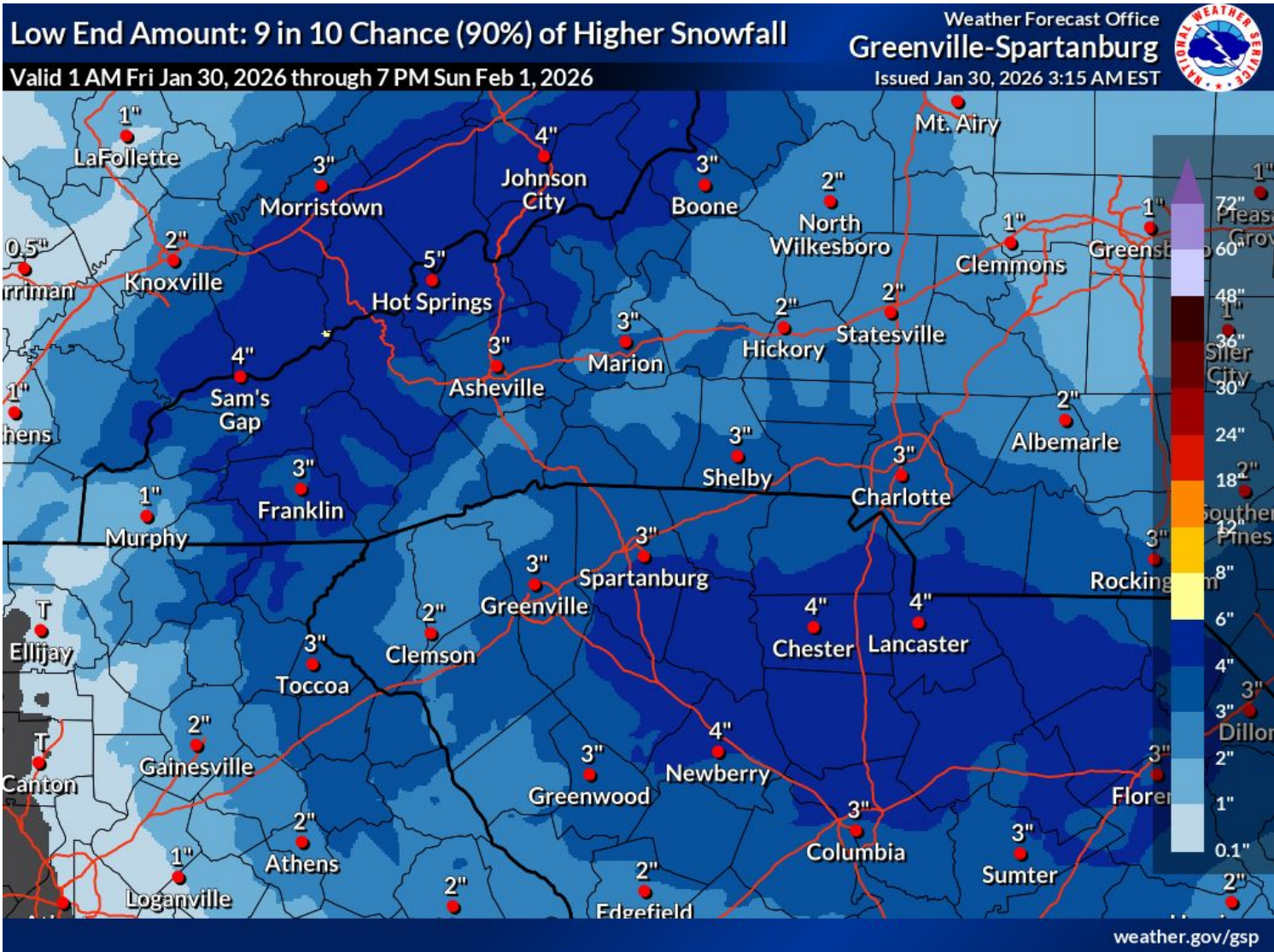
# Reasonable High and Low End Snow Amounts

January 30, 2026  
5:01 AM

Western Carolinas and Northeast Georgia



HIGH END AMOUNT



LOW END AMOUNT



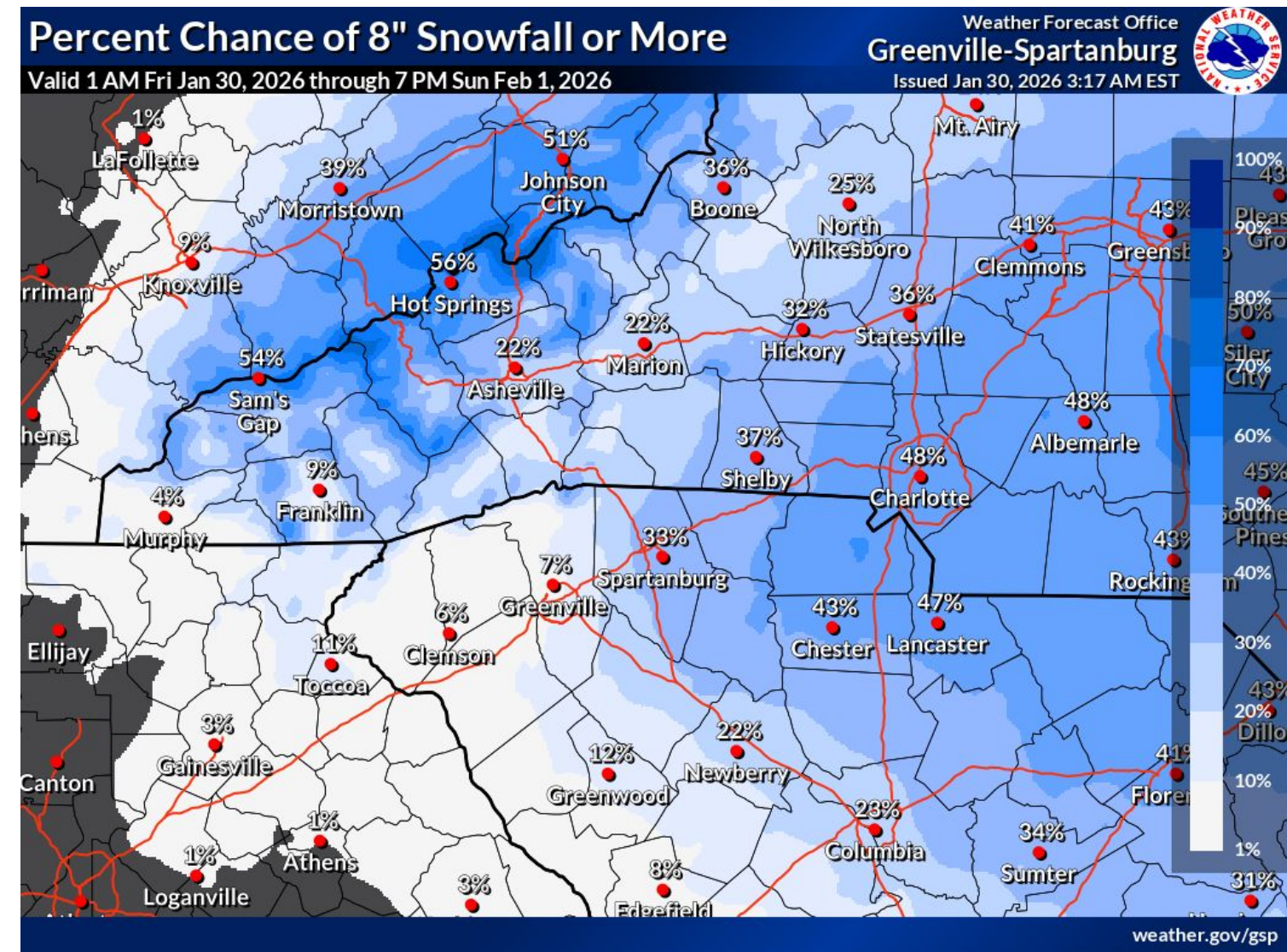
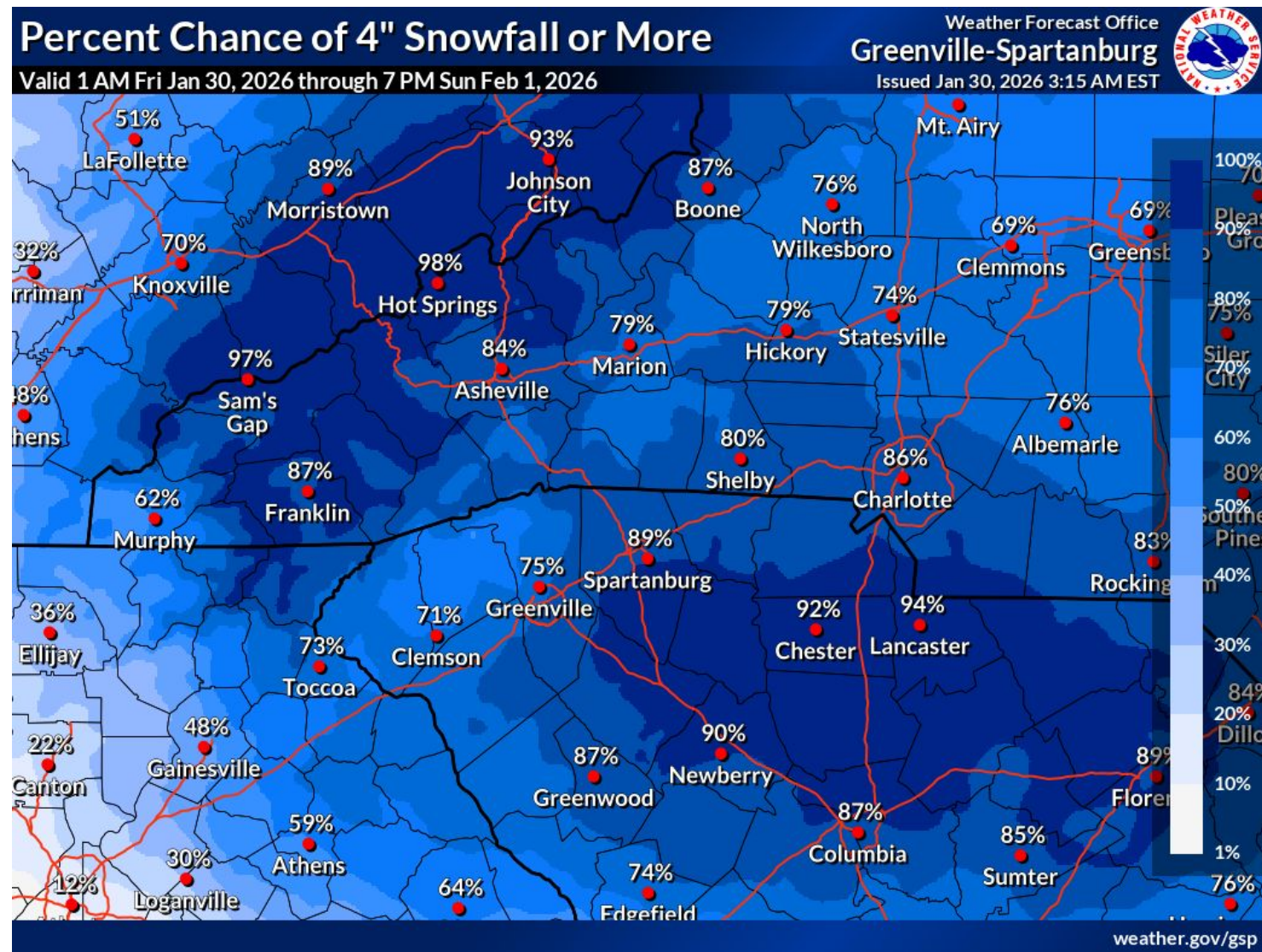




# Confidence in Snowfall Thresholds

January 30, 2026  
5:01 AM

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.



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

National Weather Service  
Greenville-Spartanburg, SC





# Snow Ratios

January 30, 2026

5:01 AM

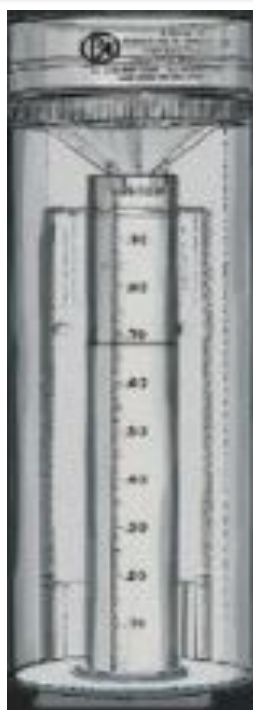
Snow to Liquid Ratio (SLR) Determines the Weight of the Snow

## 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 in 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.

For Every 1"  
of Liquid

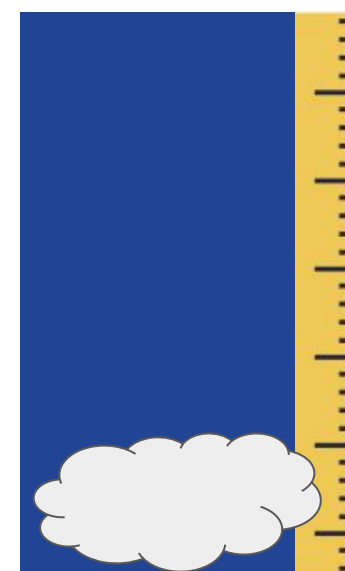


Difficult to move  
Good for snowballs!

Leaf-blower snow  
Good for skiing!



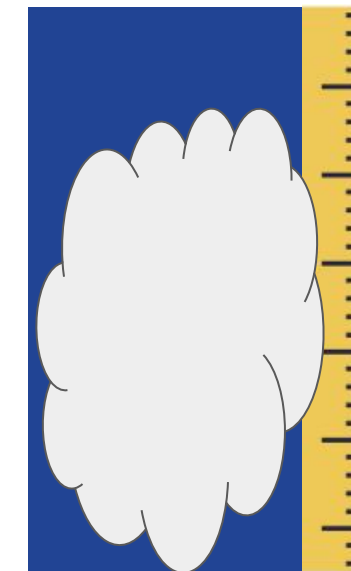
"Wet" Snow  
**5:1**



"Average" Snow  
**10:1**



"Dry" Snow  
**15:1**



"Powdery" Snow  
**20:1**

"Average" SLRs:

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



# Timing for Accumulating Snow

January 30, 2026  
5:01 AM

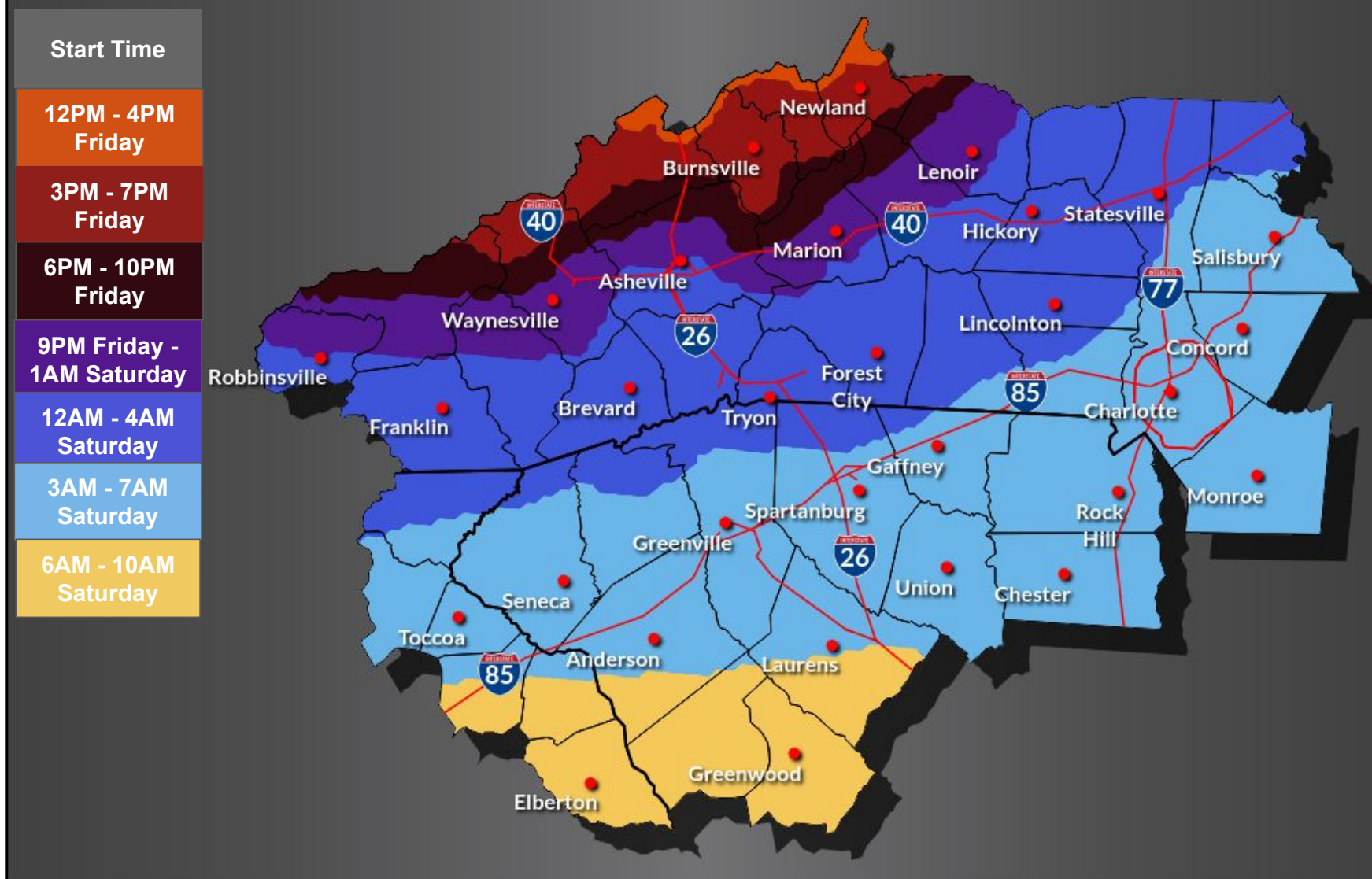
The graphic below shows the most likely time window that snow will begin today

## Snowfall Timing Details:

- **Onset:** Initially light snow and/or rain will begin in the North Carolina mountains later this afternoon, then gradually spread southeast across the rest of the area later this evening into Saturday morning.
- **Peak:** Snowfall intensity is expected to increase later tonight into Saturday morning, with the peak time for accumulating snow expected during the day on Saturday. The possibility of heavier snowfall may continue into Saturday evening, particularly along and east of the I-77 corridor.
- **End:** Snowfall is expected to end late Saturday into early Sunday, progressing from west to east:
  - Mountains: Saturday afternoon/evening
  - Foothills: Saturday evening
  - Piedmont: Saturday night/early Sunday

## Onset Time of Accumulating Snowfall

Weather Forecast Office  
Greenville-Spartanburg  
Issued Jan 29, 2026 12:02 PM EST



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weather.gov/gsp



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U.S. Department of Commerce

National Weather Service  
Greenville-Spartanburg, SC





# Extreme Cold Watch

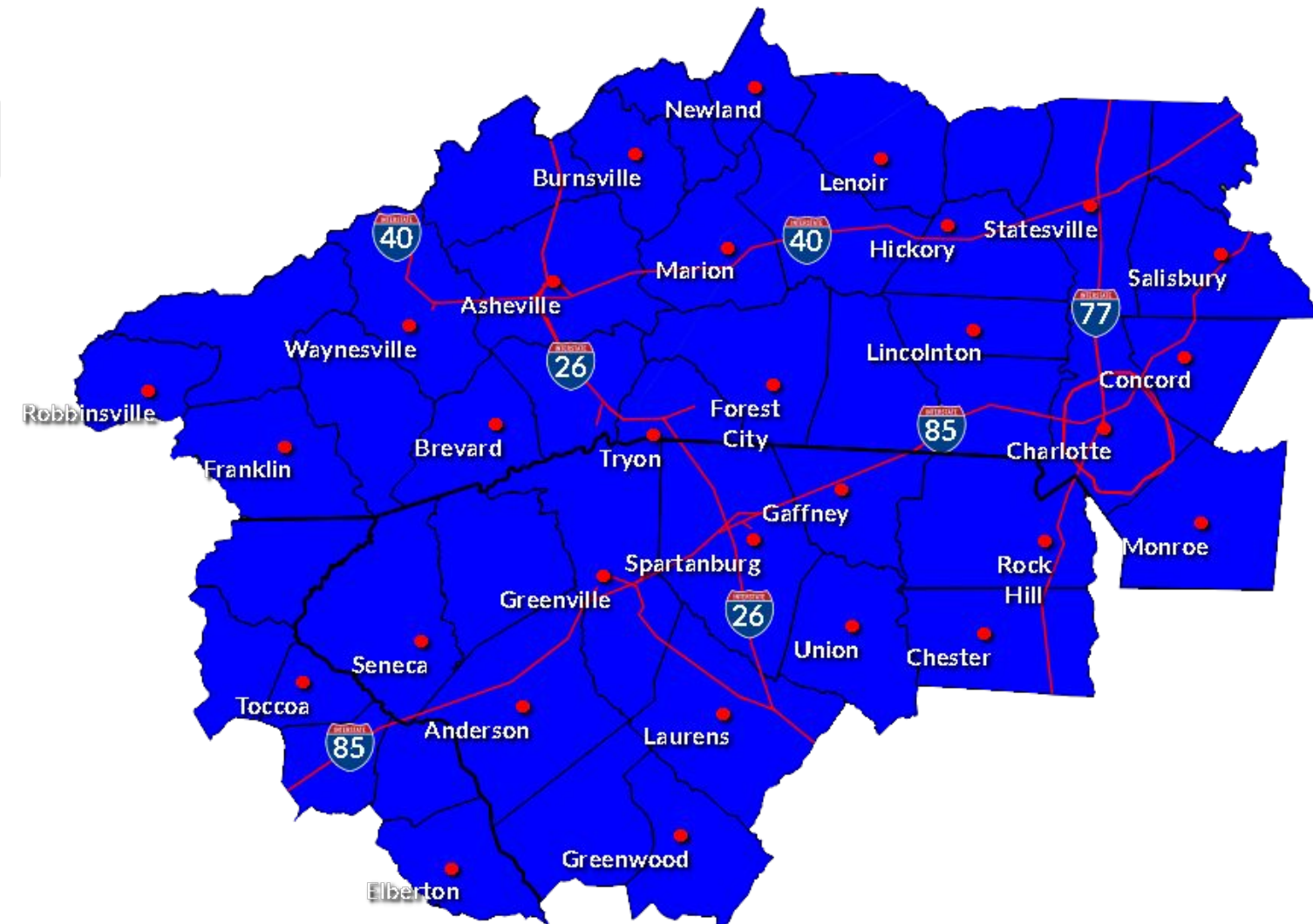
Western Carolinas and Northeast Georgia

January 30, 2026

5:01 AM

## Key Messages

- **Extreme Cold Watch** issued for all the western Carolinas and northeast Georgia
  - **Mountains: 1 PM Saturday Through 1 PM EST Sunday**
  - **Piedmont/Foothills: 7 PM Saturday Through 10 AM EST Sunday**
- **Mountains:** Dangerously cold wind chills as low as 10 to 25 degrees below zero.
  - **Peak Wind Gusts:** 40-50 mph, with locally higher gusts on the ridge tops
- **Piedmont/Foothills:** Dangerously cold wind chills as low as 10 degrees below zero to 5 degrees
  - **Peak Wind Gusts:** 25-35 mph



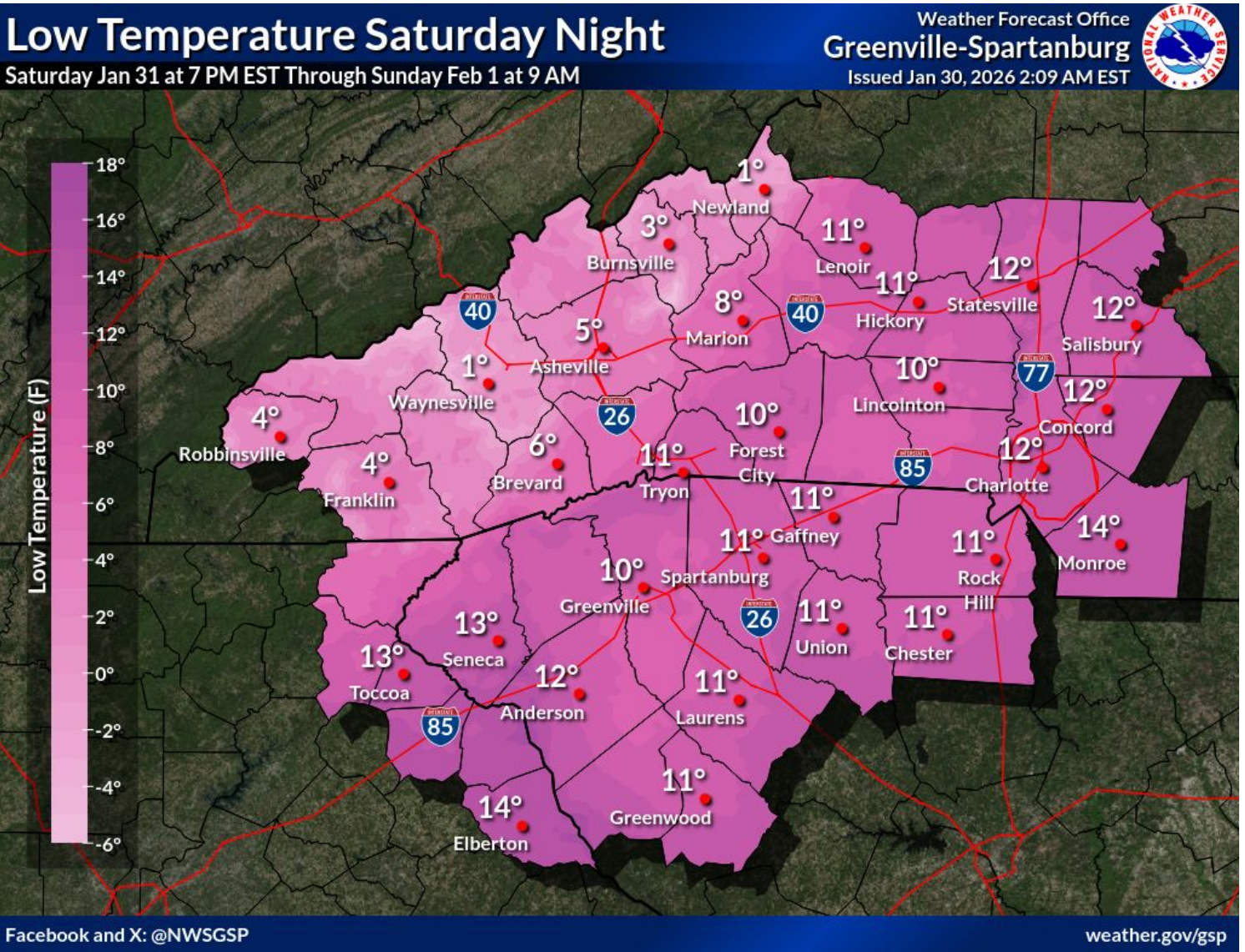
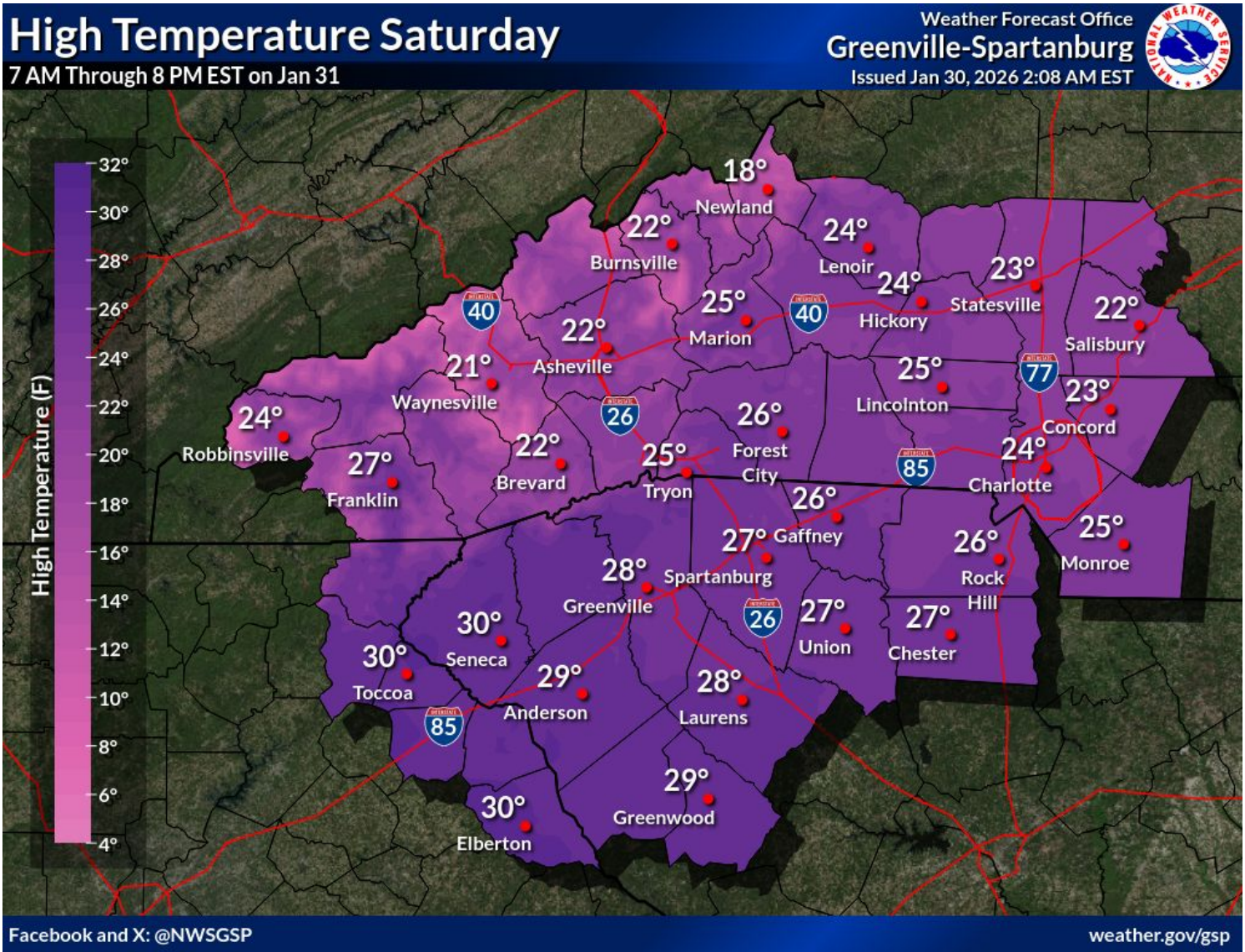




# Temperature Forecast for Saturday/Saturday Night

January 30, 2026  
5:01 AM EST

Western Carolinas and Northeast Georgia



- Temperatures will remain in the 20s for most of the area Saturday.
- **Even light snow will stick efficiently** at these temperatures.

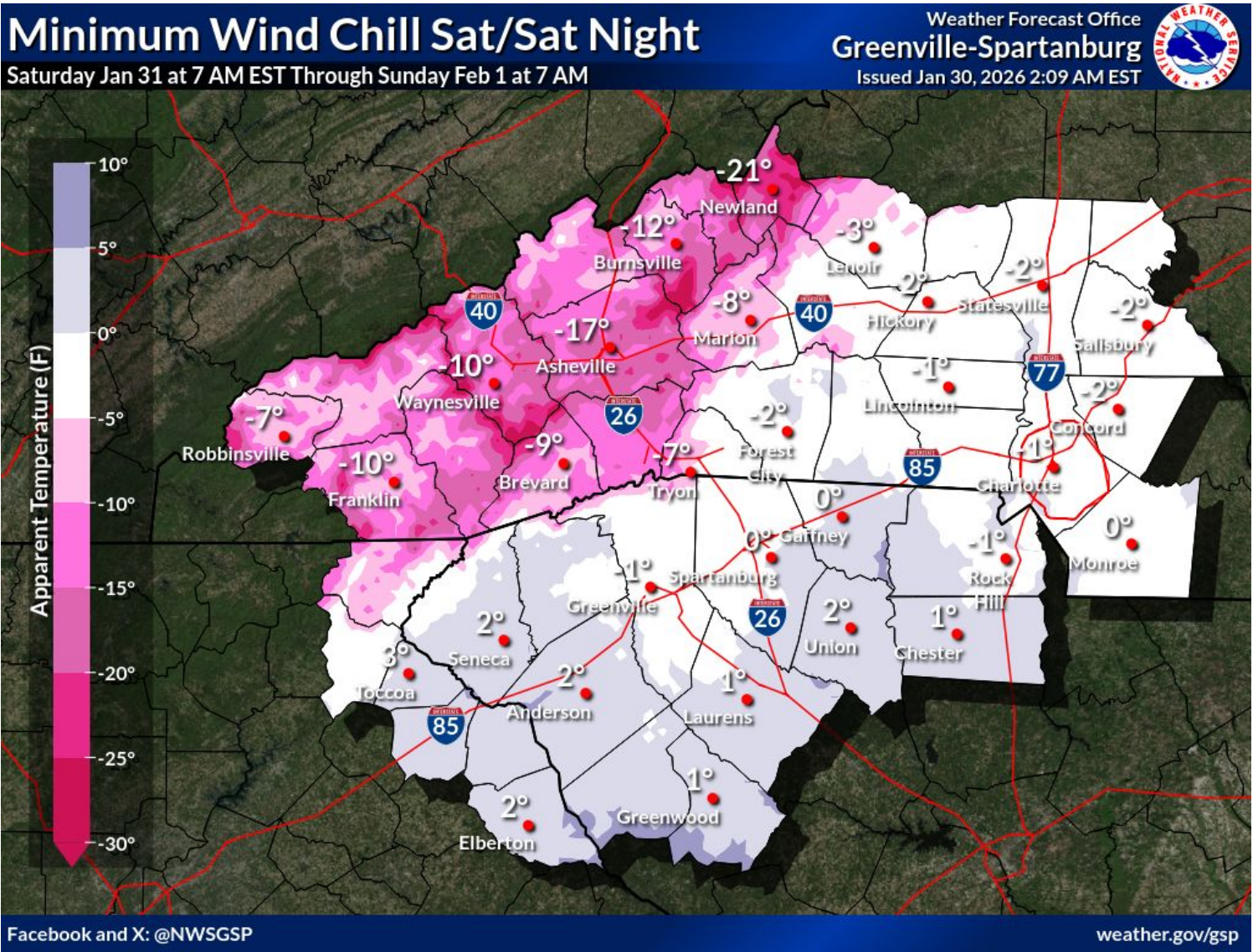
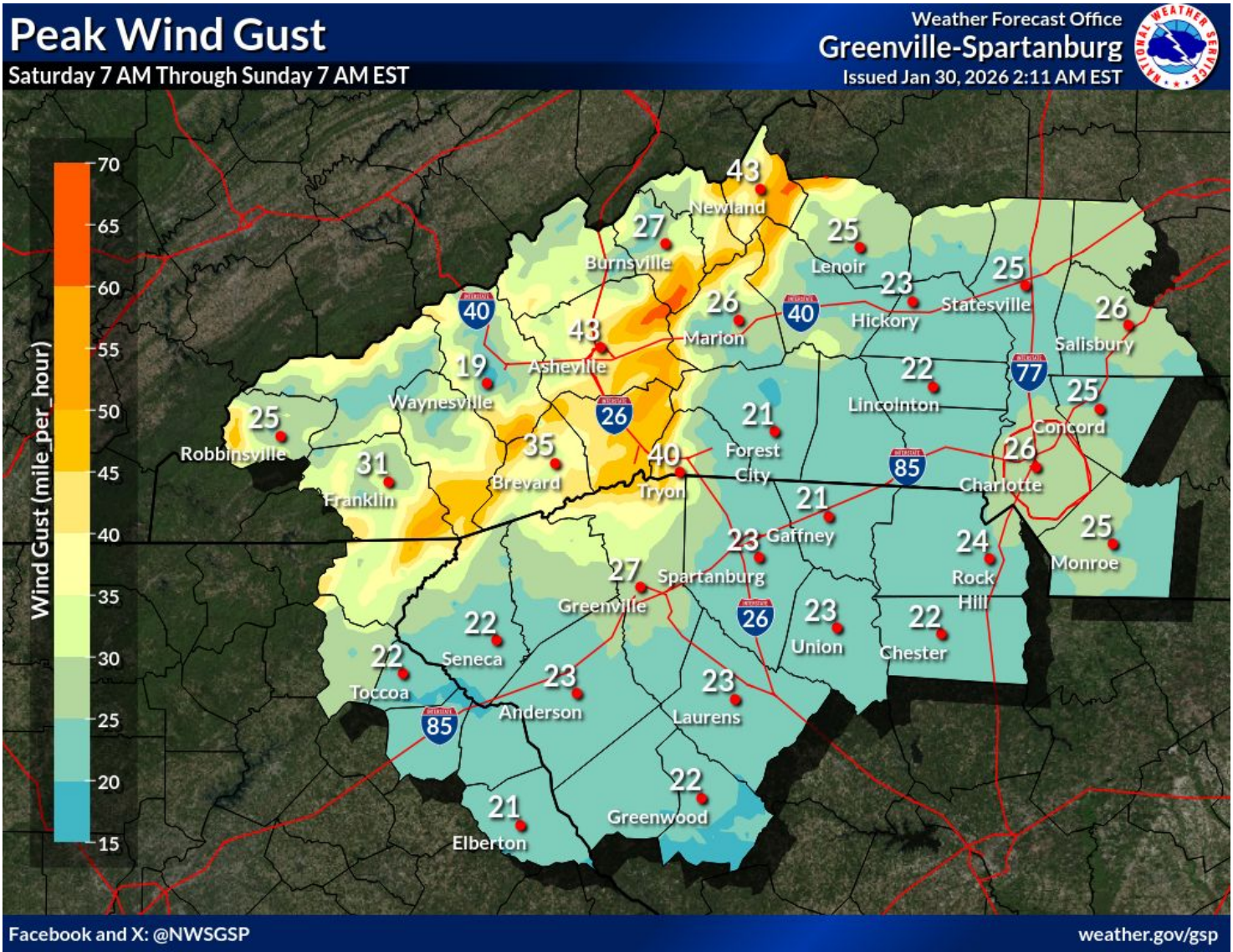




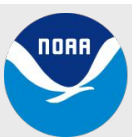
# Peak Wind Gust & Wind Chill thru Sunday Morning

January 30, 2026  
5:01 AM EST

Western Carolinas and Northeast Georgia



- Expect areas of **blowing snow with reduced visibilities** adding to hazardous driving conditions Fri night thru Sat night.
- **Life-threatening cold** Saturday night. Extreme Cold Warnings are likely to be issued for at least part of the area.



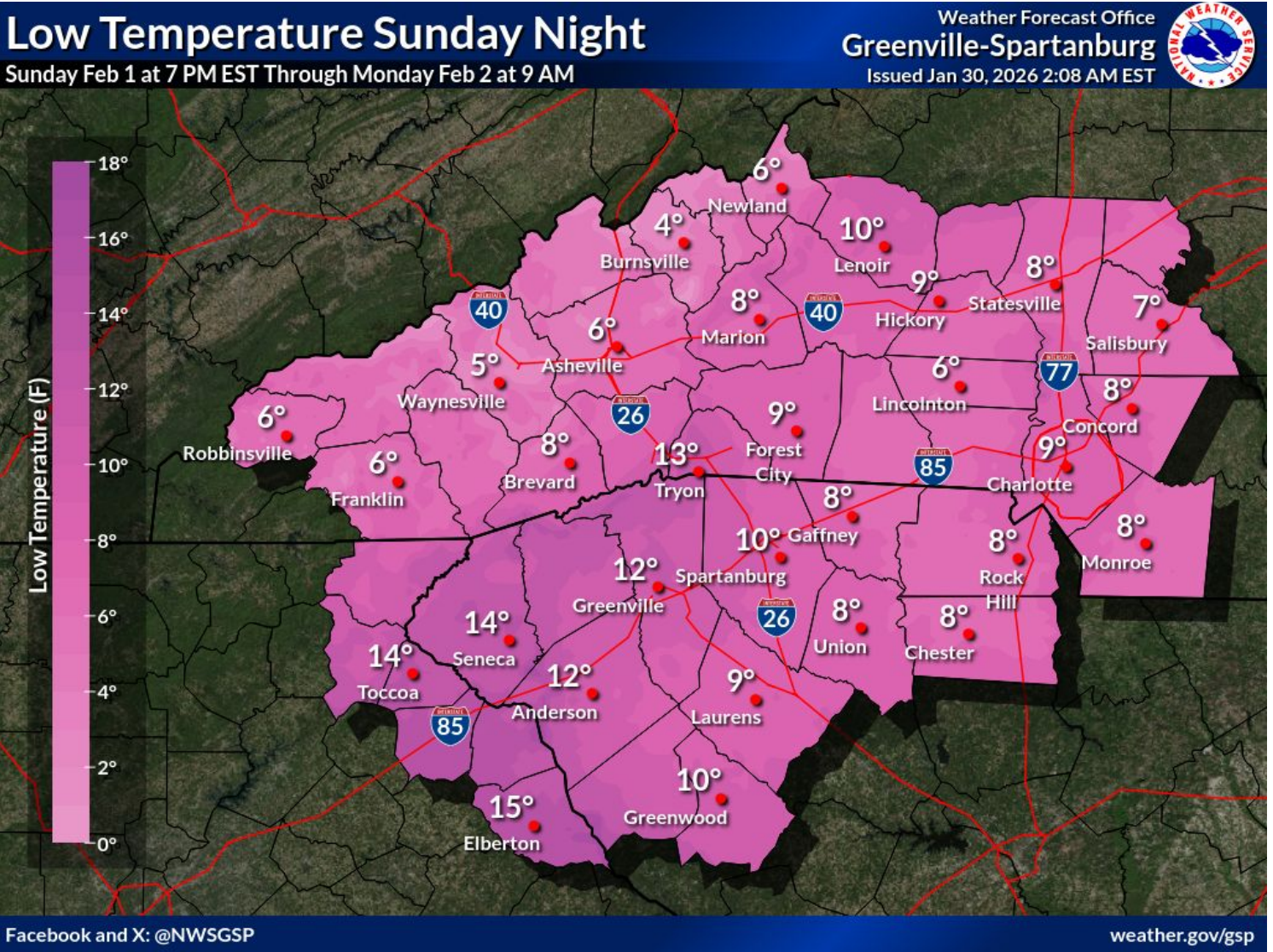
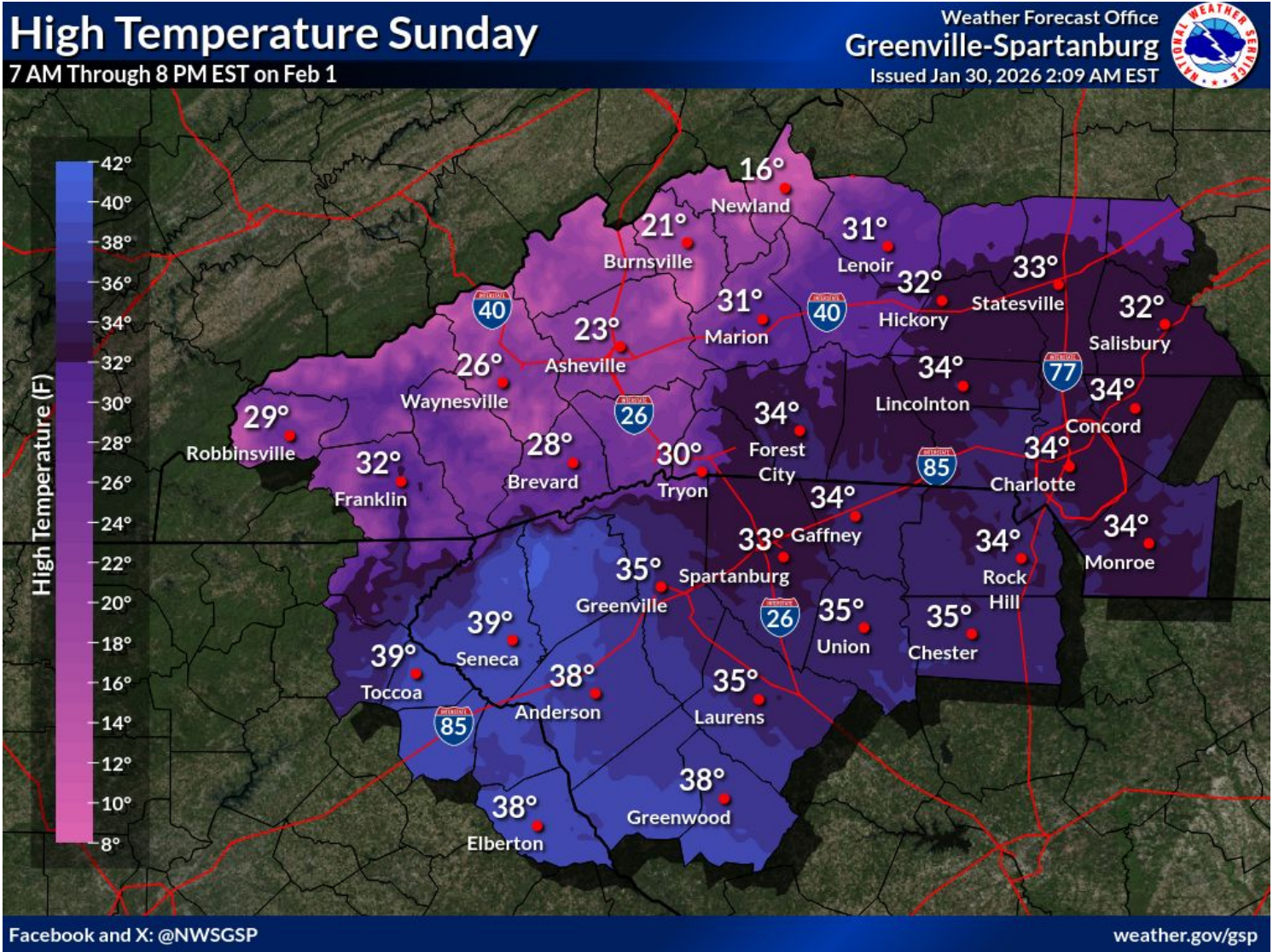




# Temperature Forecast for Sunday/Sunday Night

January 30, 2026  
5:01 AM EST

Western Carolinas and Northeast Georgia



- Despite sunny skies, temperatures will struggle to rise 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.



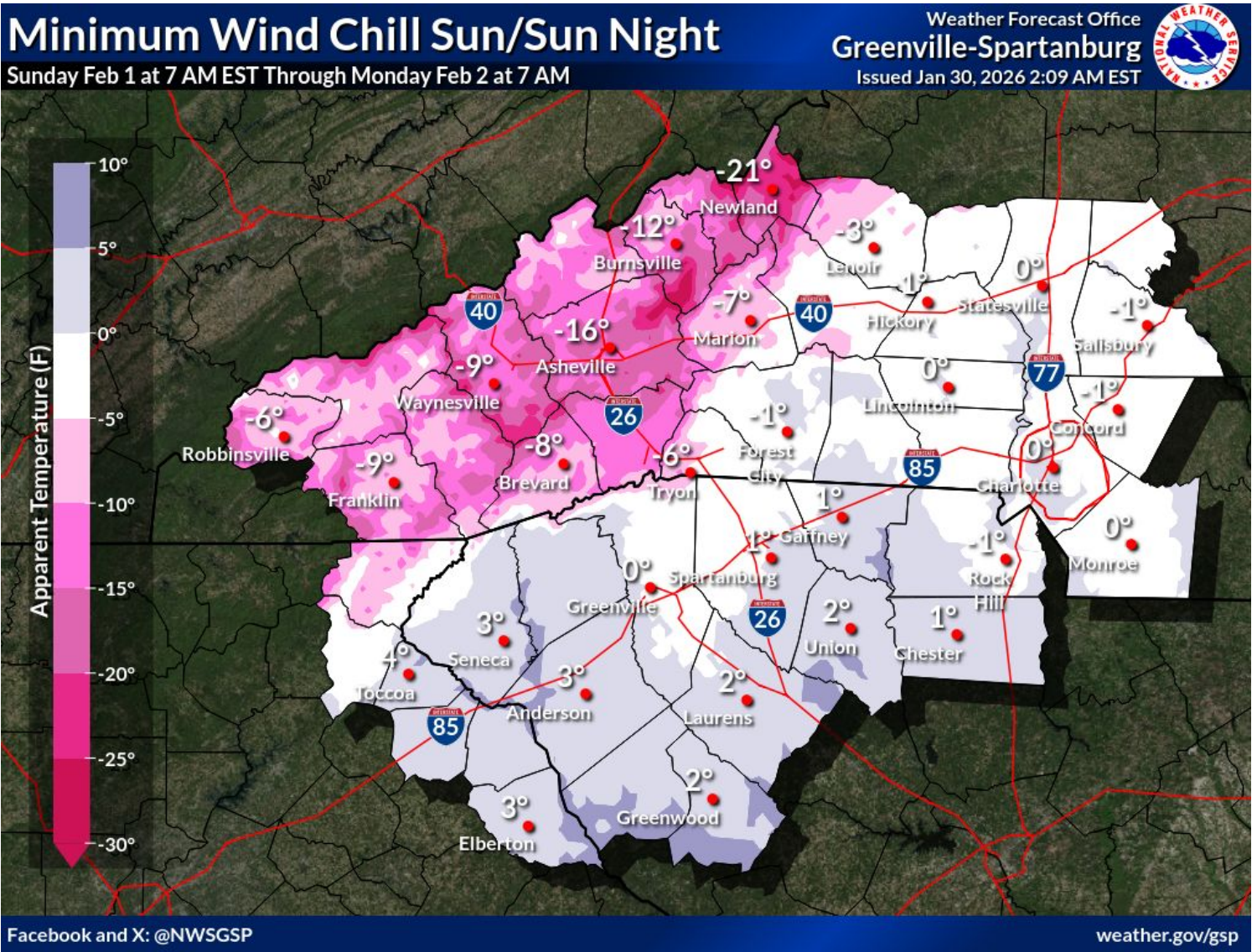
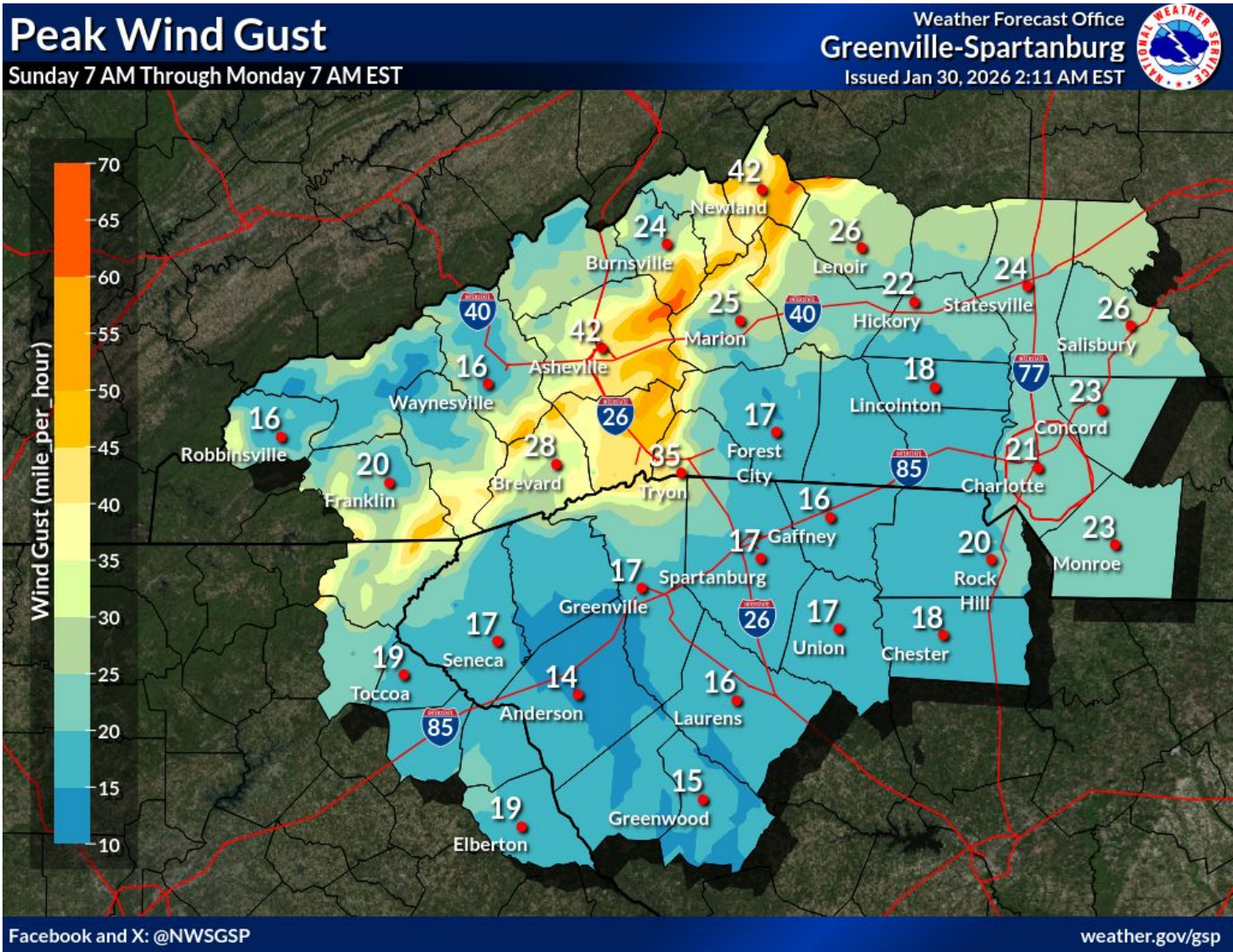




# Peak Wind Gust & Wind Chill thru Monday Morning

January 30, 2026  
5:01 AM EST

Western Carolinas and Northeast Georgia



- Despite sunny skies, temperatures will struggle to rise 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.







# Temperature Forecast - Monday/Monday Night

January 30, 2026  
5:01 AM EST

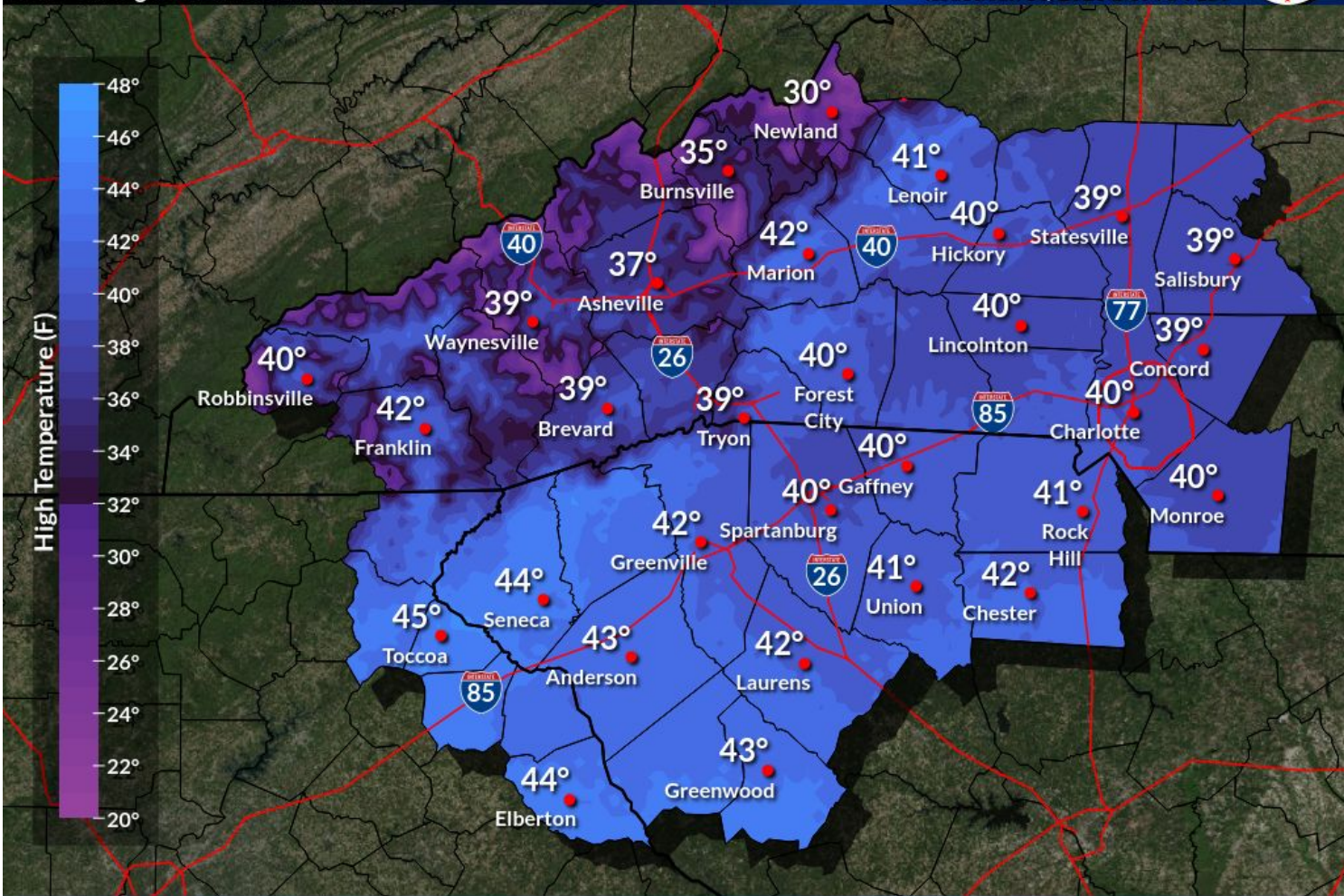
Western Carolinas and Northeast Georgia

## High Temperature Monday

7 AM Through 8 PM EST on Feb 2

Weather Forecast Office  
Greenville-Spartanburg

Issued Jan 30, 2026 2:09 AM EST



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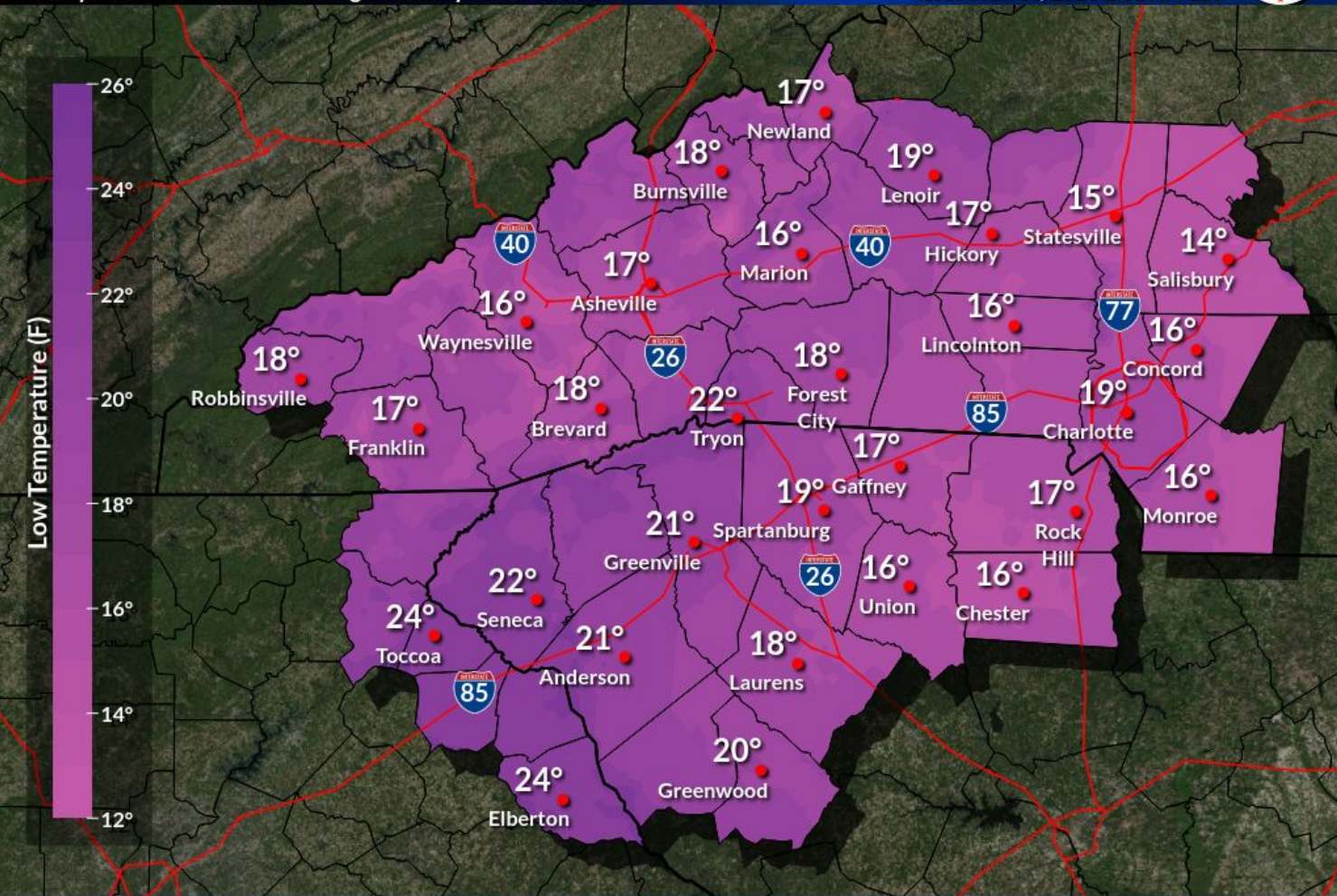
weather.gov/gsp

## Low Temperature Monday Night

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

Weather Forecast Office  
Greenville-Spartanburg

Issued Jan 30, 2026 2:08 AM EST



Facebook and X: @NWSGSP

weather.gov/gsp

- Temperatures begin to moderate on Monday, but cold temperatures will result in refreezing of slush and meltwater Monday night.
- **Much of the area will be continuously at or below freezing from Friday evening until Monday afternoon.**



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

National Weather Service  
Greenville-Spartanburg, SC



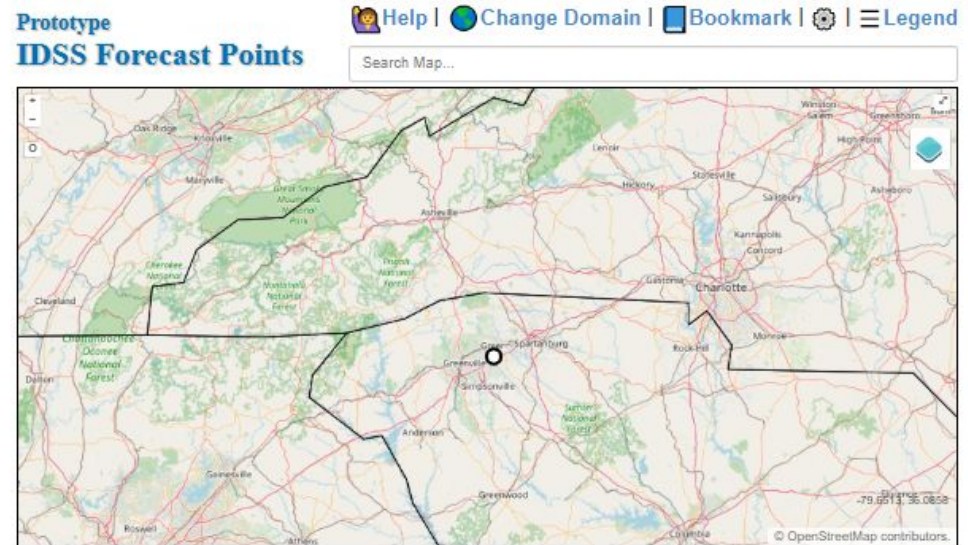


# IDSS Forecast Point Page

For Point-Specific Forecasts

## IDSS Forecast Points

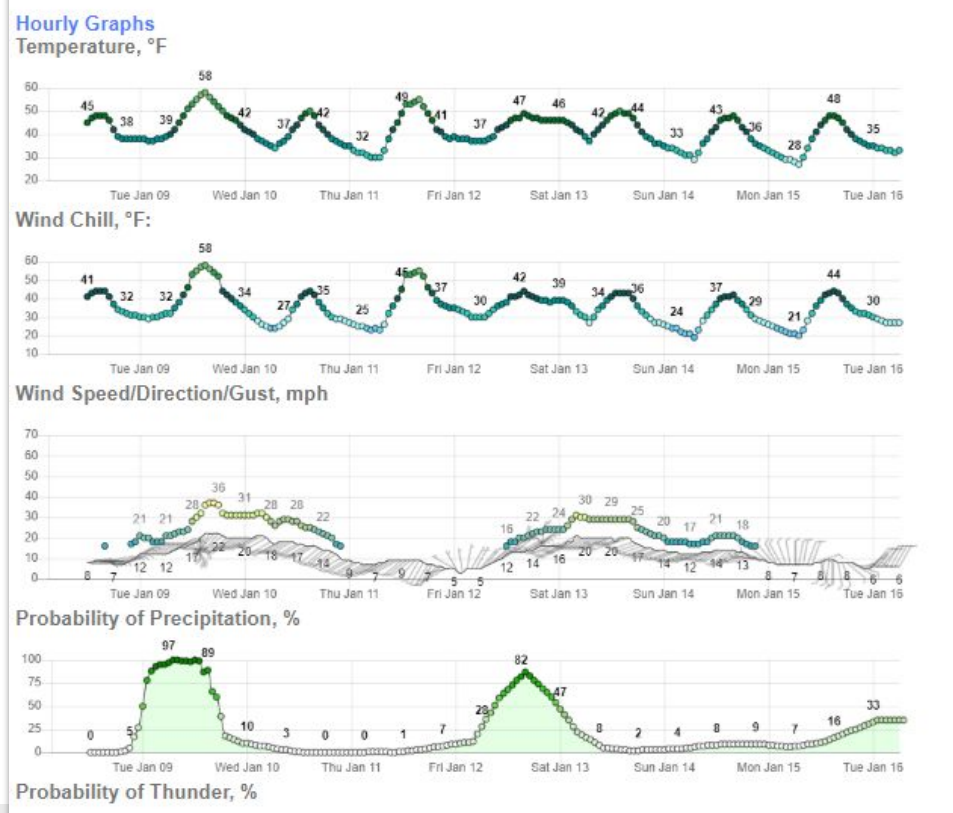
- To get point-specific hourly forecast information, check out our IDSS Forecast Points page
- [www.weather.gov/forecastpoints](http://www.weather.gov/forecastpoints)
- Can customize your hourly plot order/look for your specific thresholds



**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				

Day of week:	Monday 1/8												Tuesday 1/9				
Time:	11AM	12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	12AM	1AM	2AM	3AM
Weather:																	
Temperature (°F):	43	45	47	48	48	48	46	42	39	38	38	38	38	38	38	37	37
Wind Chill, °F:	38	41	43	44	44	44	41	37	34	33	32	31	31	30	30	29	30
Wind Speed (mph):	8	8	8	9	9	9	9	7	7	7	7	8	9	10	12	12	12
Wind Gust (mph):	13	13	14	14	15	16	15	13	13	14	15	17	18	21	20	20	18
Wind Direction (°):	60	80	90	90	90	90	80	70	70	70	70	60	60	60	60	60	60
Wind Direction:	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘
Prob. of Precip. (%):	0	0	0	0	0	0	0	0	1	2	5	17	27	50	78	88	93
Prob. of Thunder (%):	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
Precip. Amount (in.):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.44	0.44	0.44	0.44
Snow (in.):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ice (in.):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dew Point (°F):	29	29	28	28	28	28	29	29	29	29	29	30	30	30	32	33	35
RH (%):	57	53	48	46	46	46	52	59	65	69	71	71	74	78	81	87	92
Sky Cover (%):	37	43	49	37	34	30	47	49	60	72	87	94	95	96	97	97	98







# Contact and Next Briefing Information

For the Western Carolinas and Northeast Georgia



## Briefing Webpage

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



## Next Briefing

- By 6:00 PM Friday, January 30th
- Method: Email PDF
- ***Next Live Webinar: 4 PM Friday, January 30th, 2026***
- ***Link to register:***  
<https://attendee.gotowebinar.com/register/8424090208672727898>



## Disclaimer

- Information contained in this briefing is time-sensitive
- **Do Not Use After: 6:00 PM Friday, January 30th**



## Contact Information

### Web

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

### Phone

→ 864-848-3859

### Email

→ [nws.er.gsp.met@noaa.gov](mailto:nws.er.gsp.met@noaa.gov)

### Facebook

→ <https://www.facebook.com/NWSGSP/>



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