



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

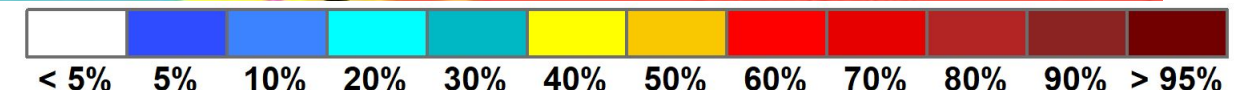
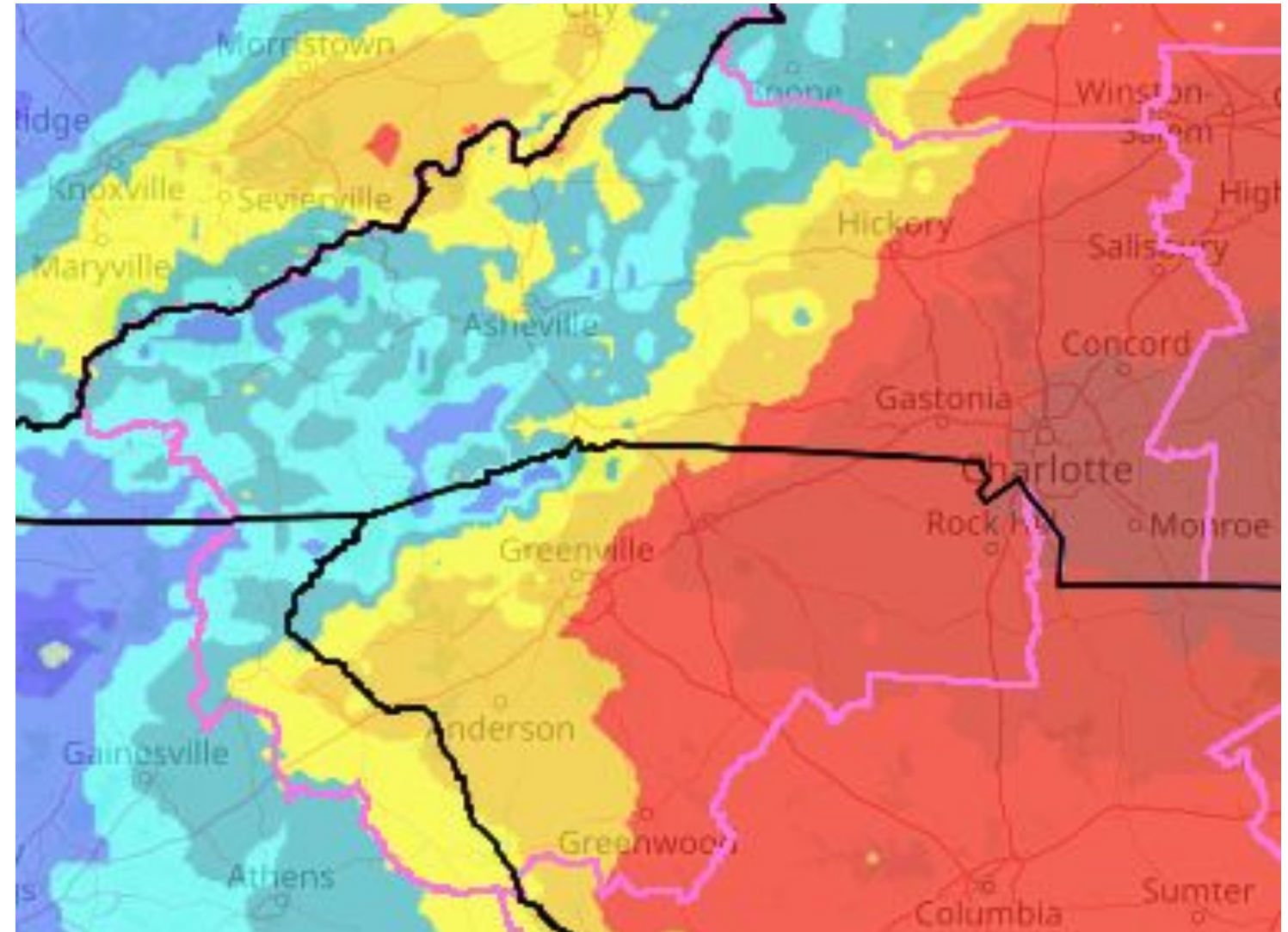
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Snow Expected Friday Night Through Saturday Night

Key Messages

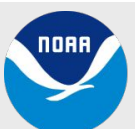
- Snow expected to start Friday night and last into Saturday night.
- Windy and very cold conditions expected with the event.
- Extremely high snow ratios of 15:1 or possibly 20:1 will lead to extremely dry/blowing snow.
- Potential for a band of heavy snowfall to develop somewhere, possibly leading 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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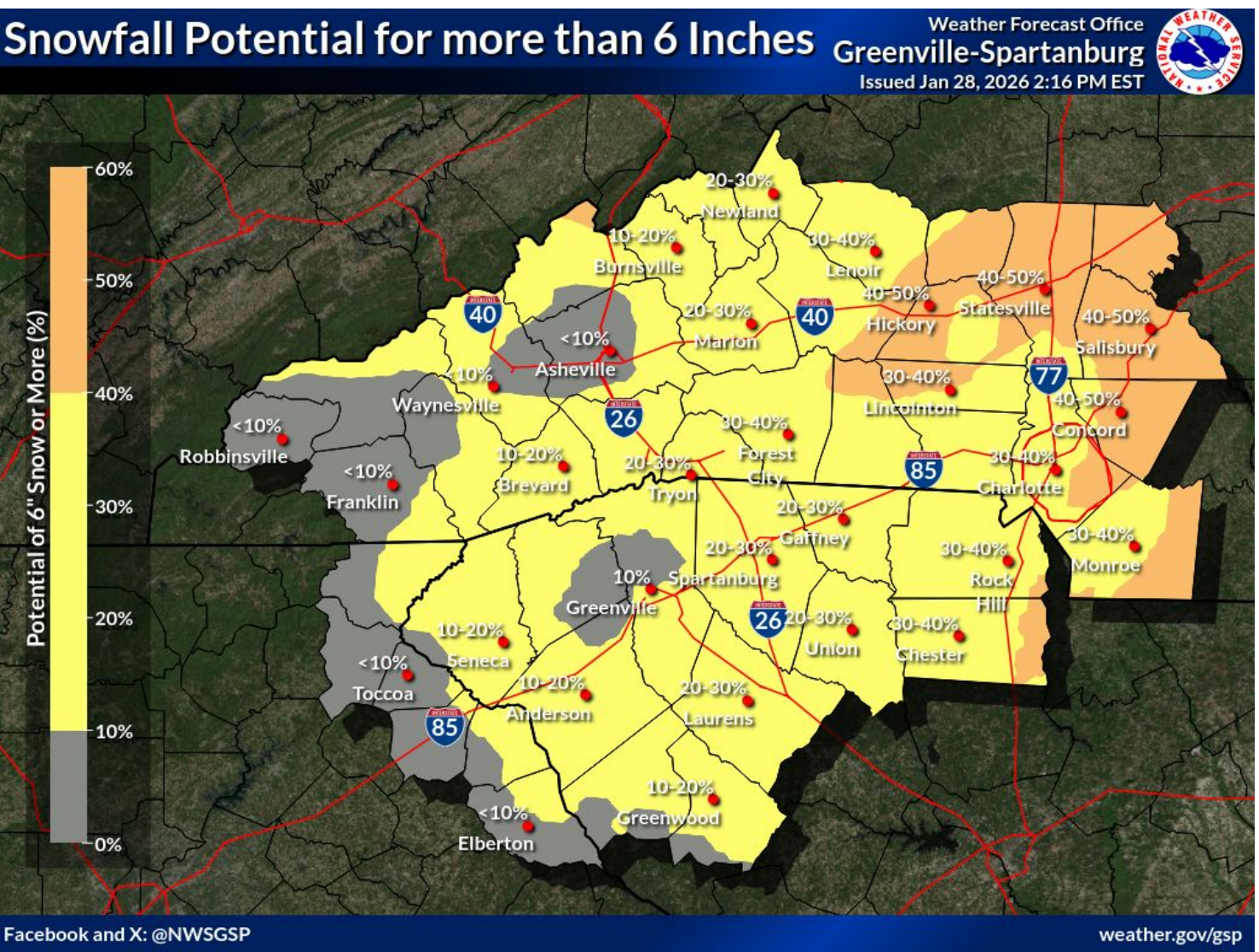
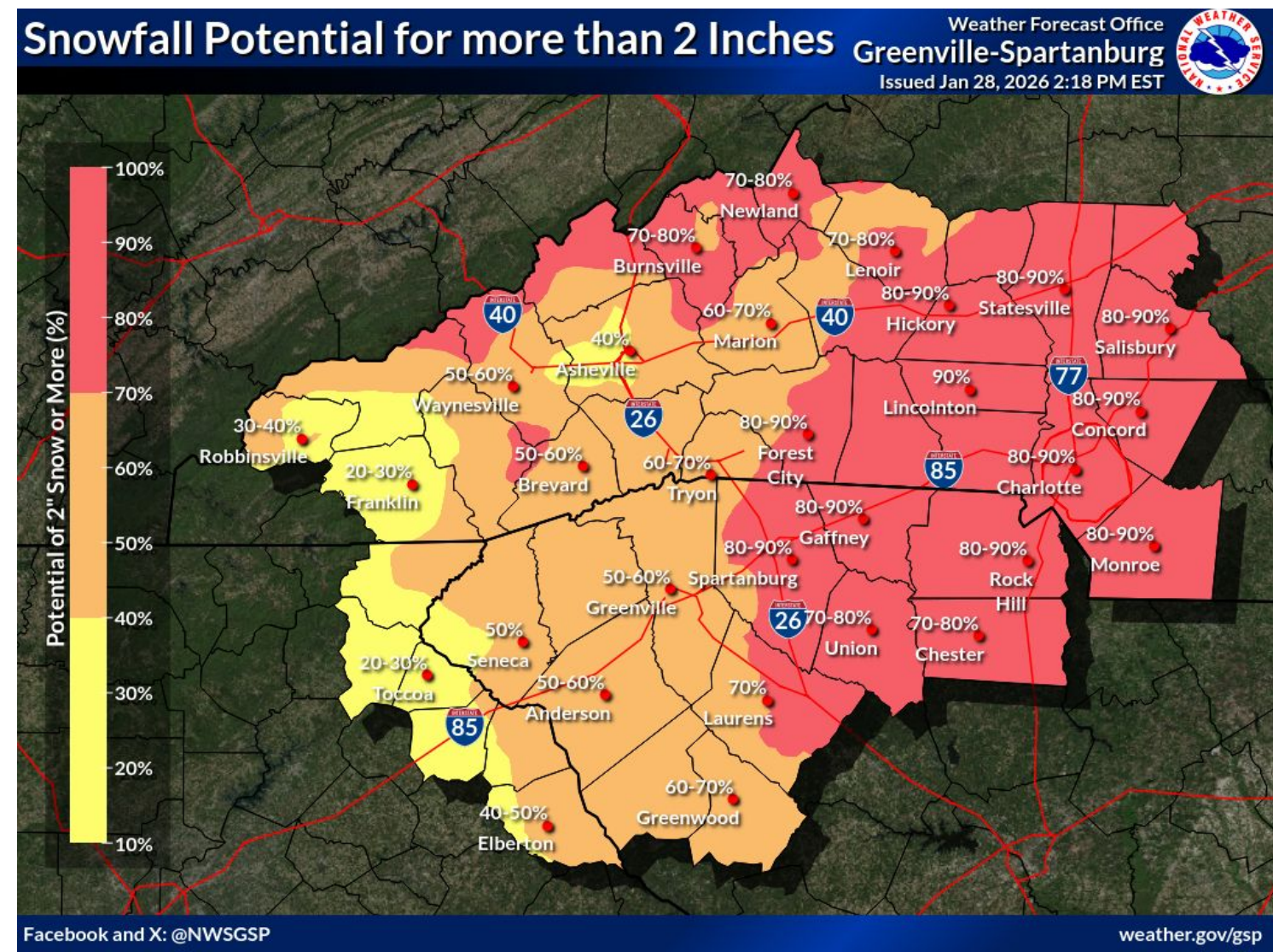
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Confidence in Snowfall Thresholds

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



Not an official forecast: The above images are a numeric representation of our confidence 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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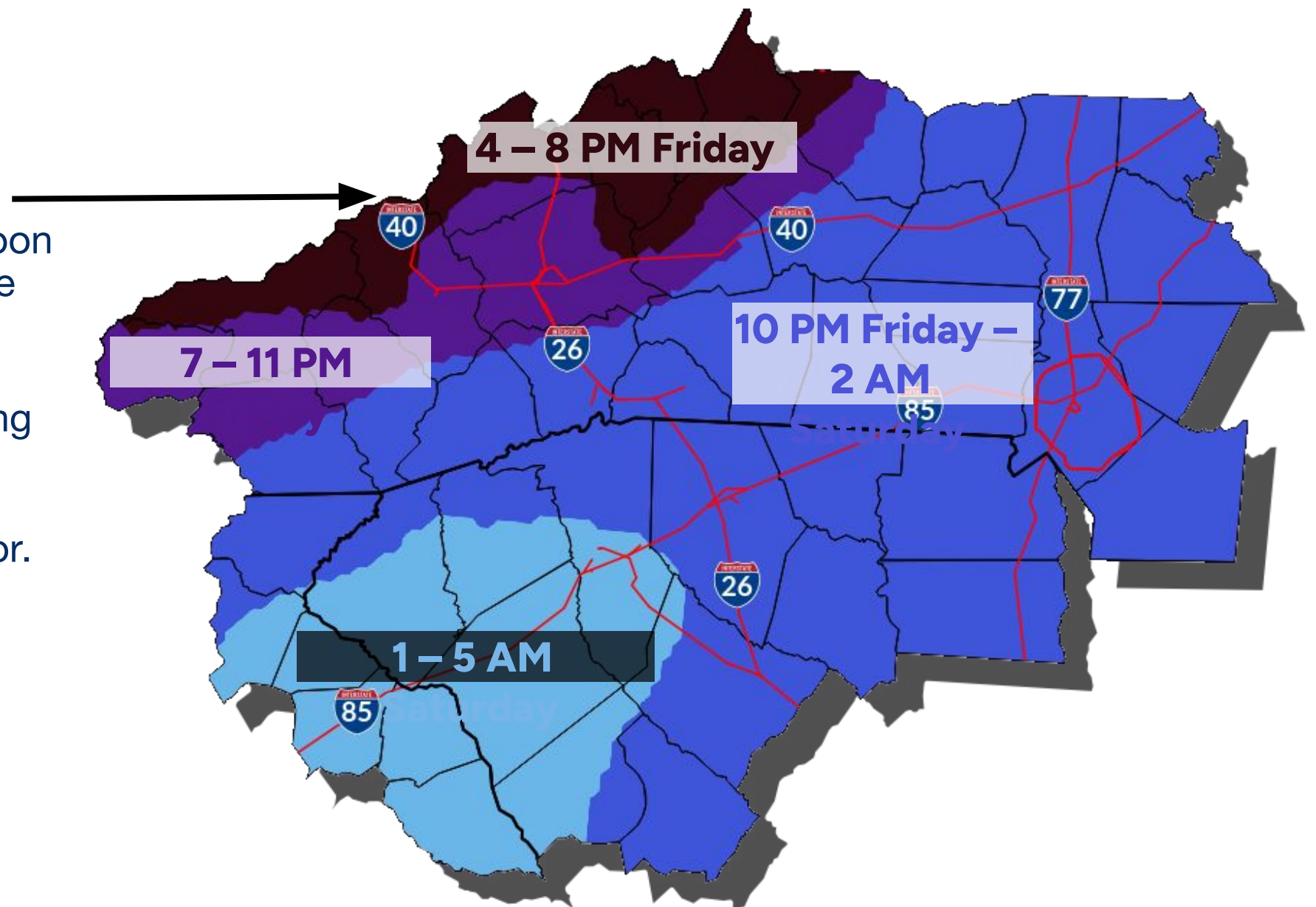
Timing for Accumulating Snow

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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





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

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



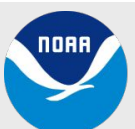
"Dry" Snow
15:1



"Powdery" Snow
20:1

"Average" SLR:

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

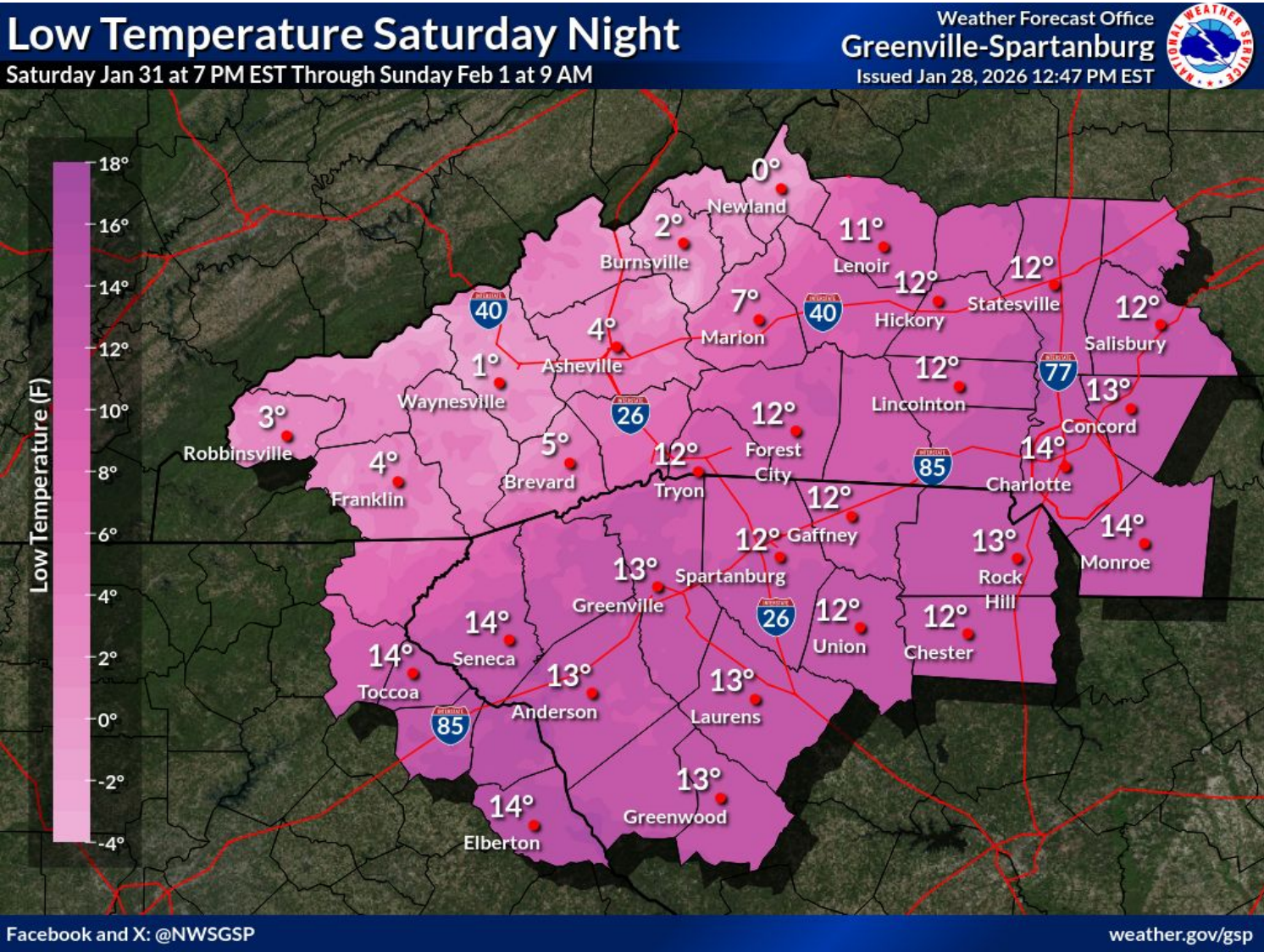
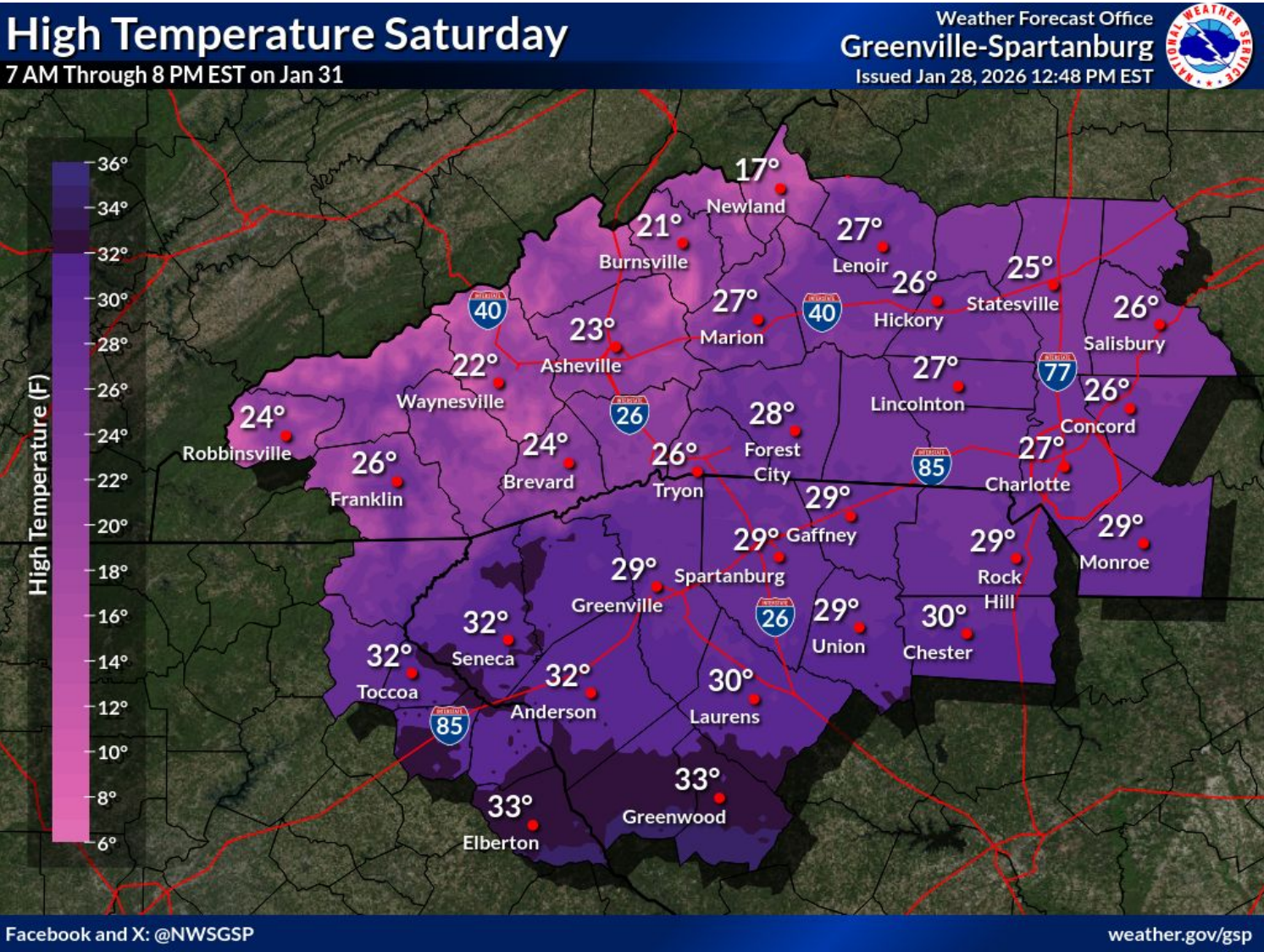




Cold Temperatures and Strong Winds

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Dangerously Cold Wind Chills Saturday Night



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

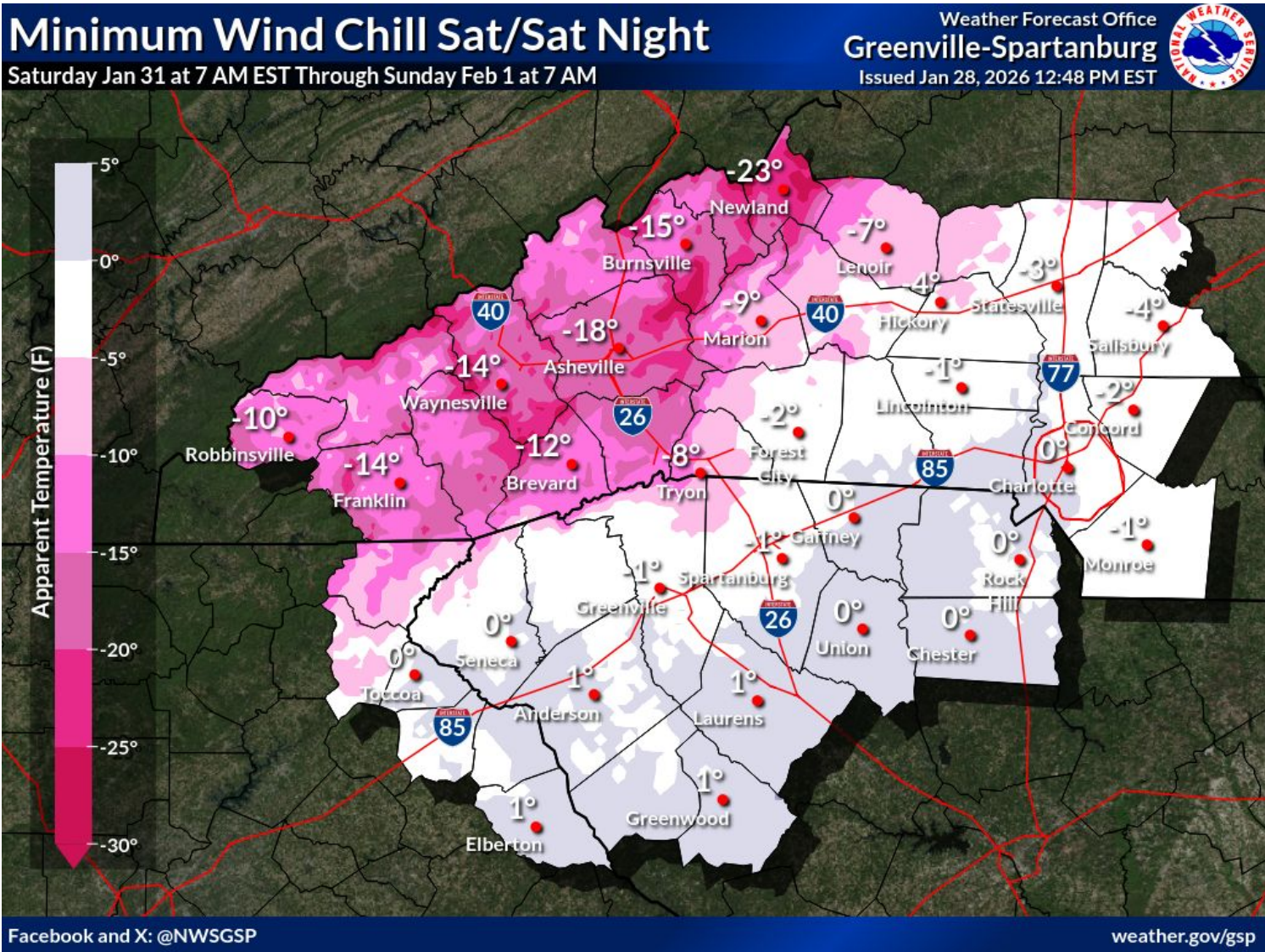
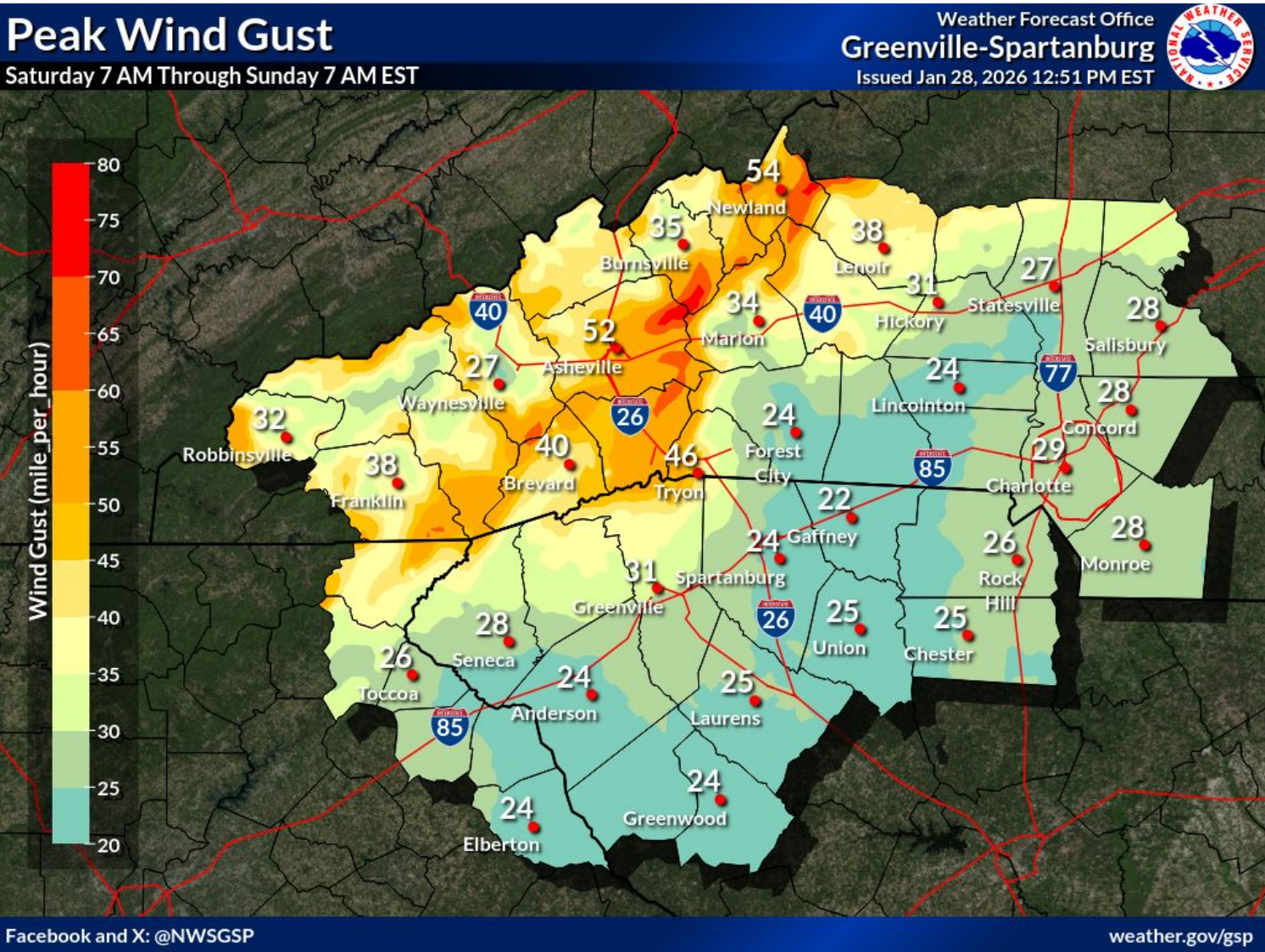




Cold Temperatures and Gusty Winds

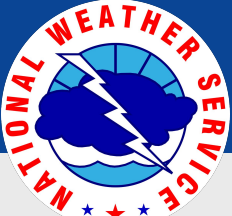
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Dangerously Cold Wind Chills Saturday Night



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





Prolonged Cold Into Next Week

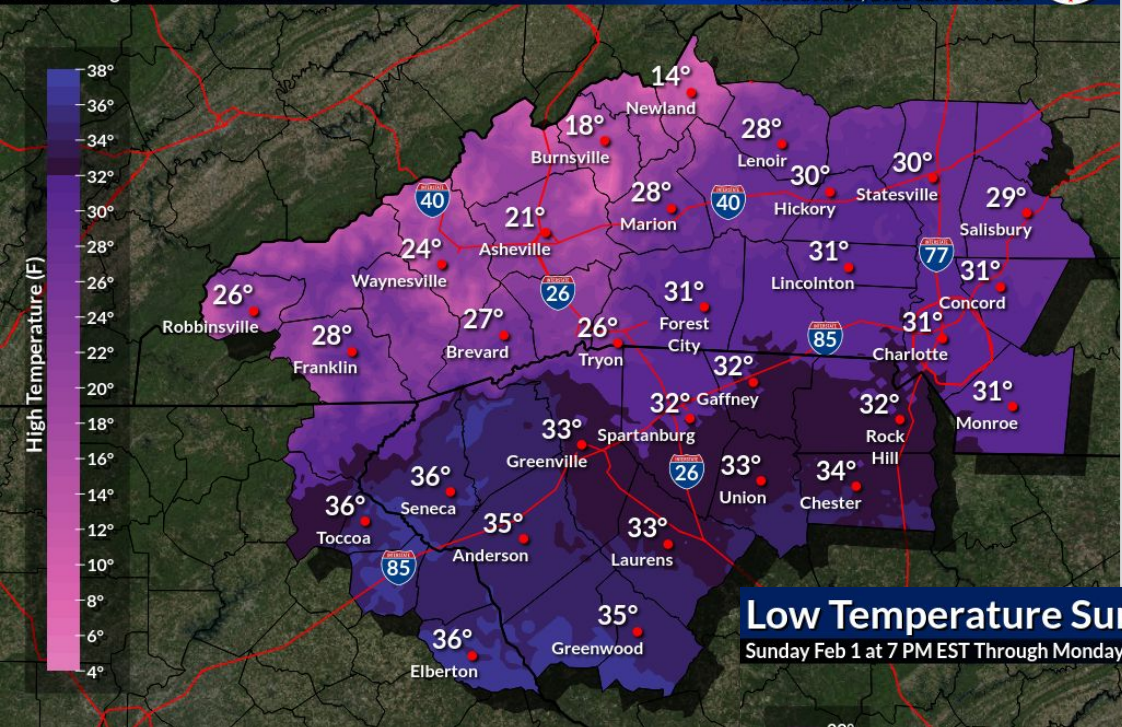
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Impacts from Snowfall May Linger

High Temperature Sunday

7 AM Through 8 PM EST on Feb 1

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

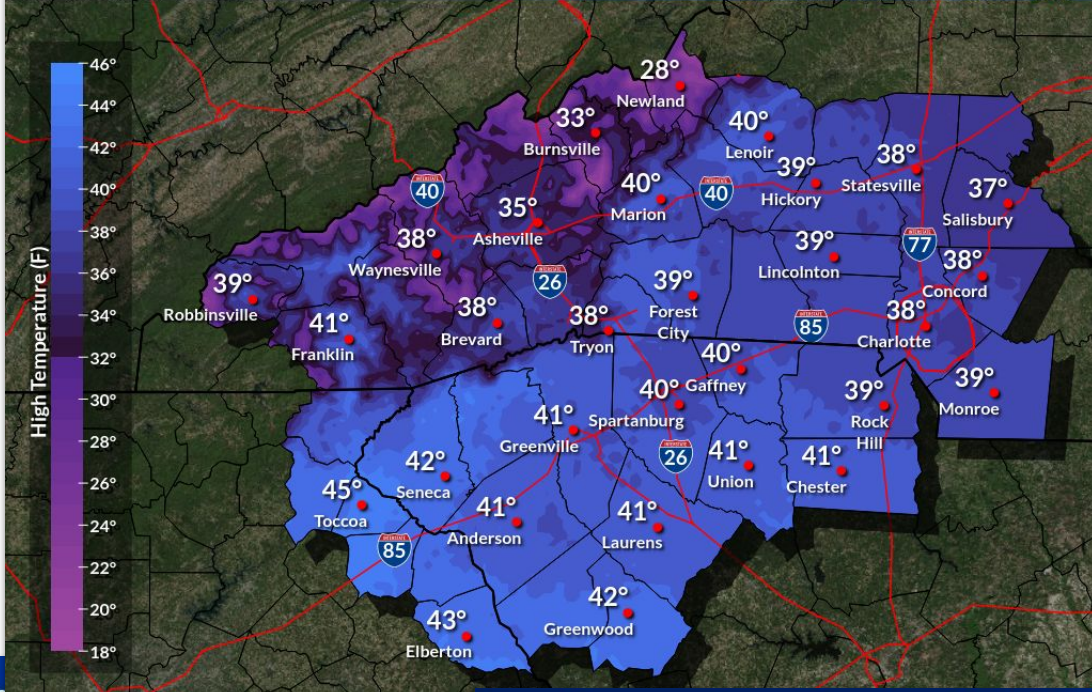


Facebook and X: @NWSGSP

Max Temperature Monday

7 AM Through 8 PM EST on Feb 2

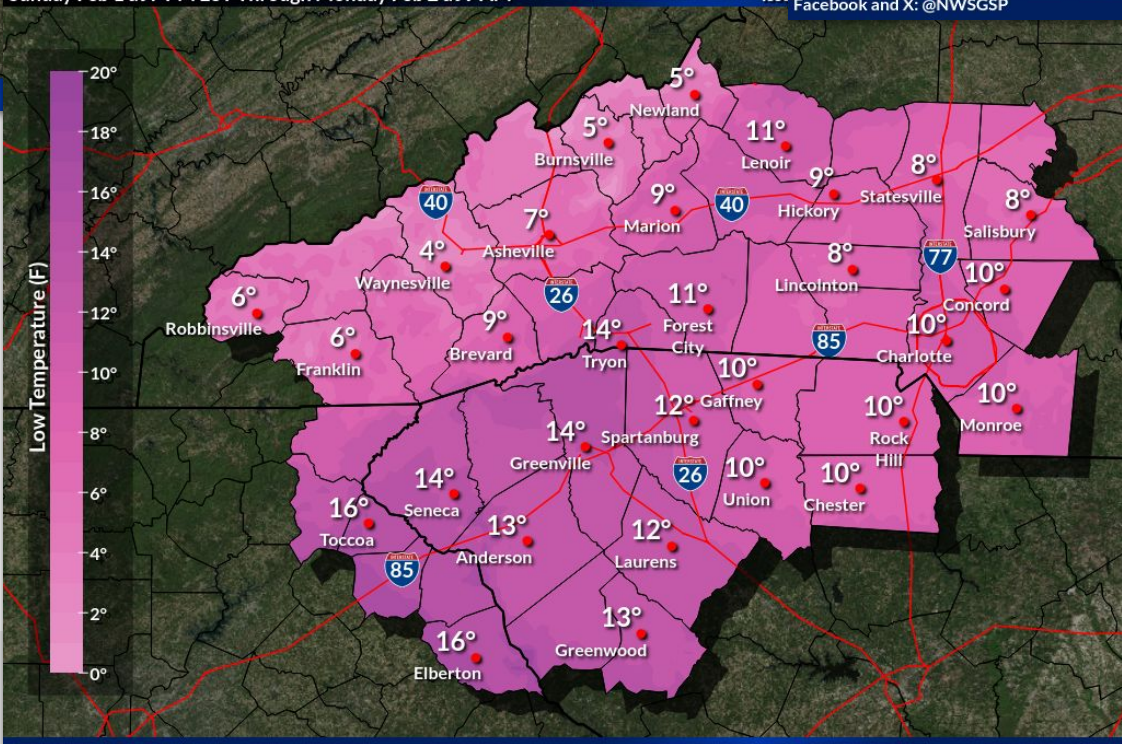
Weather Forecast Office
Greenville-Spartanburg
Issued Jan 28, 2026 12:48 PM EST



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Low Temperature Sunday Night

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



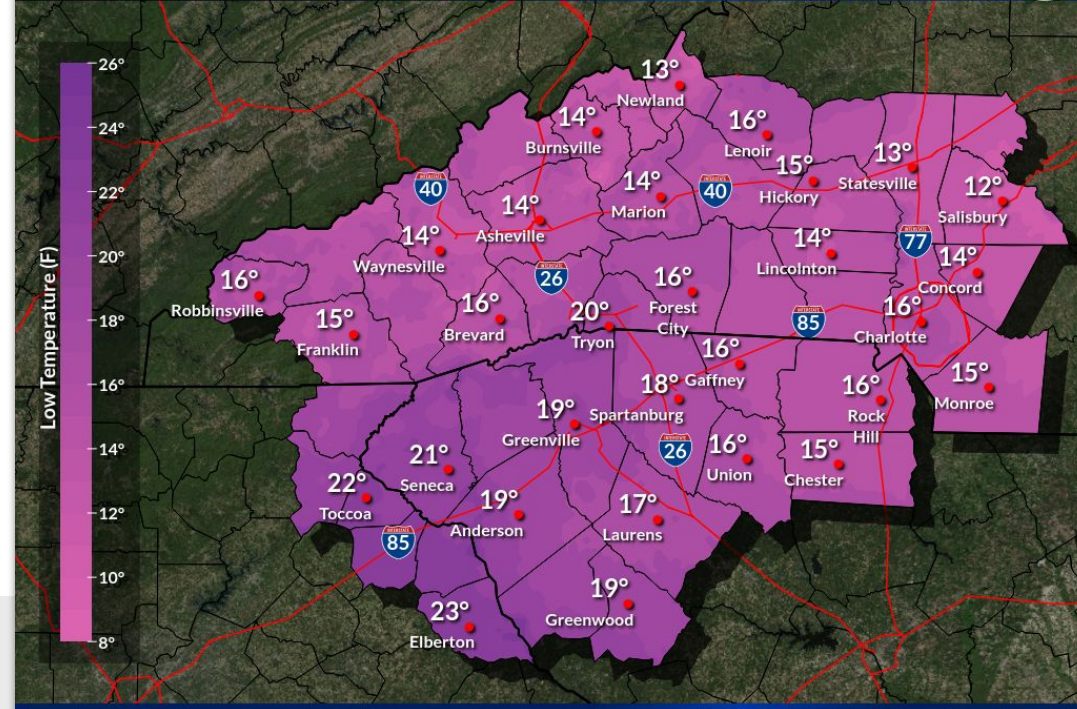
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weather.gov/gsp

Low Temperature Monday Night

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

Weather Forecast Office
Greenville-Spartanburg
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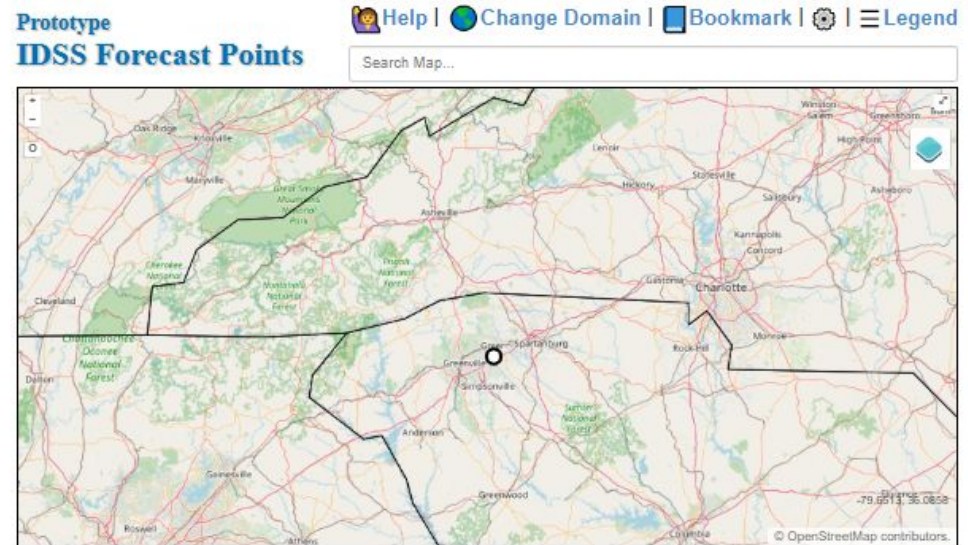
IDSS Forecast Point Page

For Point-Specific Forecasts

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IDSS Forecast Points

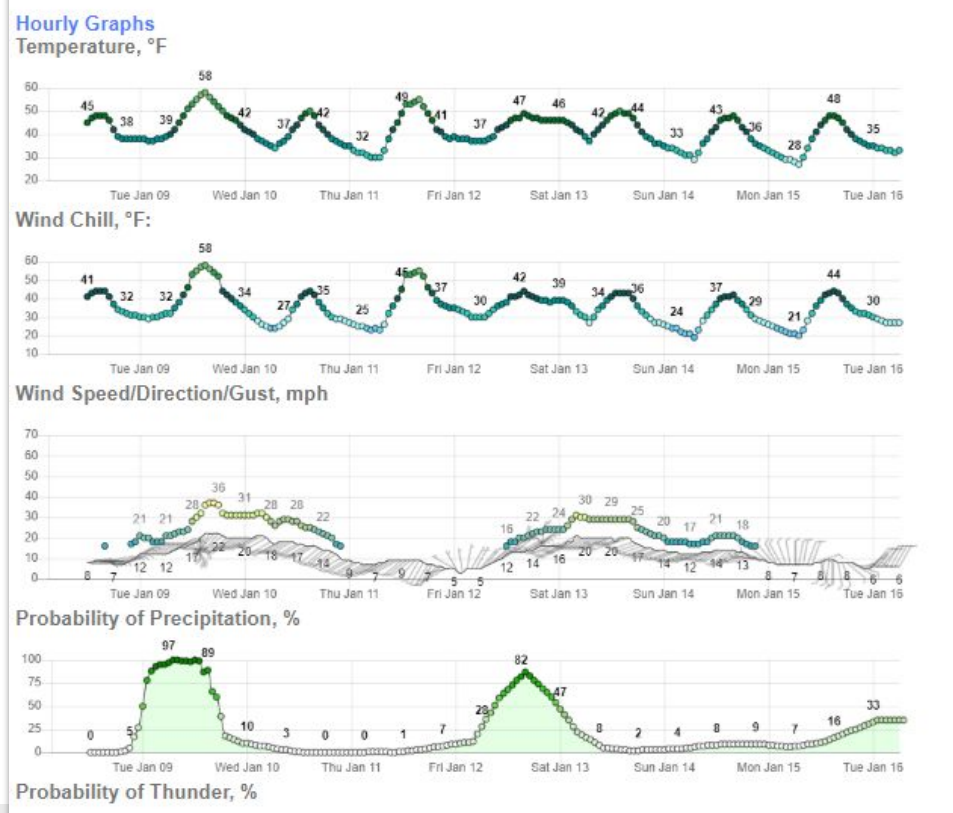
- To get point-specific hourly forecast information, check out our IDSS Forecast Points page
- www.weather.gov/forecastpoints
- Can customize your hourly plot order/look for your specific thresholds



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	8	9	10	12	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						0.04				0.44	
Snow (in.):	0.0					0.0						0.0				0.0	
Ice (in.):	0.00					0.00						0.00					0
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



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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