



SITUATIONAL AWARENESS

SUBJECT: Winter Storm Warning Today

SITREP #: 2026-3.4

ISSUED: Saturday, January 31, 2026 at 0700

LATEST INFORMATION

- A **Winter Storm Warning** is in effect for much of north and middle Georgia today.
- Additionally, an **Extreme Cold Warning** is in effect today for much of the state.
- Georgia Tech is in Modified Operations today and will assess conditions later today to make decisions about Sunday.
- Although snow progression into the area has been a bit slower than forecasted, snow is starting to develop across north Georgia.
- A band of snow arranged north to south is moving SSE into north Fulton and Gwinnett Counties at the writing of this report.
- Recent high-resolution models still show snow accumulations for metro Atlanta, but they should remain within the forecasted totals (.5" – 2").
- Surface temperatures have been dropping steadily overnight and are below freezing across the region.
- Interstate road temperatures are generally hovering a few degrees above freezing.
- No road issues have been reported at this time.

FORECAST

Snow

The NWS still expects widespread snow accumulation today for much of the state, with higher accumulations towards the South Carolina state line. For Atlanta, .5" – 2" is the official forecast. Higher amounts are possible depending upon where snow bands develop and train over areas. Low surface temperatures will support immediate accumulations of even light snow. As such, travel issues are expected in any areas that receive even minor amounts of snow. While most primary roads have been treated, not all secondary roads or neighborhood roads have treatment and will likely degrade first. Campus roads have all been treated.

Forecast Snowfall for Today (1/31)

Across North and Central Georgia

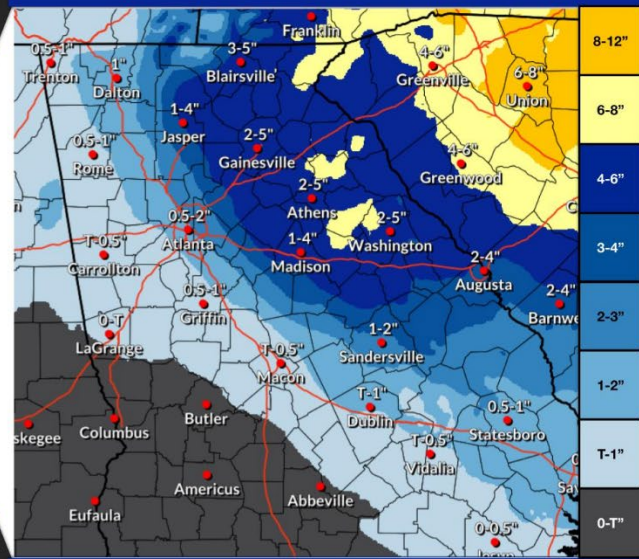
Key Messages

- The highest snow totals are expected in eastern Georgia. Any bands of heavier snow that set up may produce areas of higher snow totals.
- Cold temperatures will help the snow accumulate on roadways, **leading to hazardous travel conditions today.**
- Snow covered roads will linger on Sunday due to the cold temperatures.



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Figure 1: Forecast Snowfall (NWS Peachtree City)

Temperatures

Temperatures today should continue to fall into the mid 20s. Overnight, temperatures will fall to the mid teens, with a forecast low of 16°F. Temperatures on Sunday will rise slightly by the afternoon period but may not get above freezing. Monday morning's low is expected around 25°F, but temperatures should rebound nicely by midday with a high in the low to mid 40s. Windchill values will be much lower, though, as strong northerly winds are expected to develop today across the region. Expect wind chill values to drop quickly today, dropping below 10°F by late morning and perhaps below 0°F by daybreak tomorrow.

Weekend Wind Chills

Saturday (1/31) through Sunday morning (2/1)

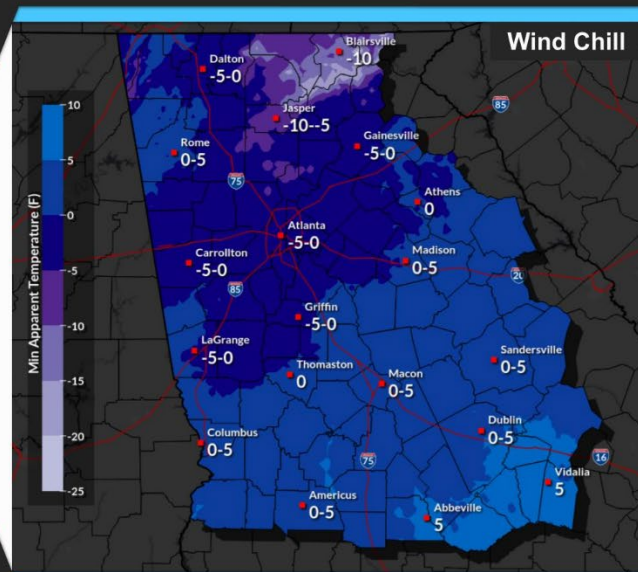
Arctic Cold air moves in today and remains through early next week.

- Single digit low temperatures and dangerous wind chills are expected.
- Prolonged (48-60 hrs) below-freezing temperatures could lead to an extended threat of pipe bursts and cold-related illnesses.



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Figure 2: Forecast Wind Chills (NWS Peachtree City)

Wind

As mentioned in the temperature forecast, high winds today will make outdoor activity dangerous. Sustained winds will increase throughout the day, exceeding 20 mph, with gusts between 30 mph and 40 mph.



MSLP (mb) and 10 m AGL Wind (kt)

Saturday, Jan. 31, 2026 at 2 p.m. EST

Init: Sat 2026-01-31 10z HRRR

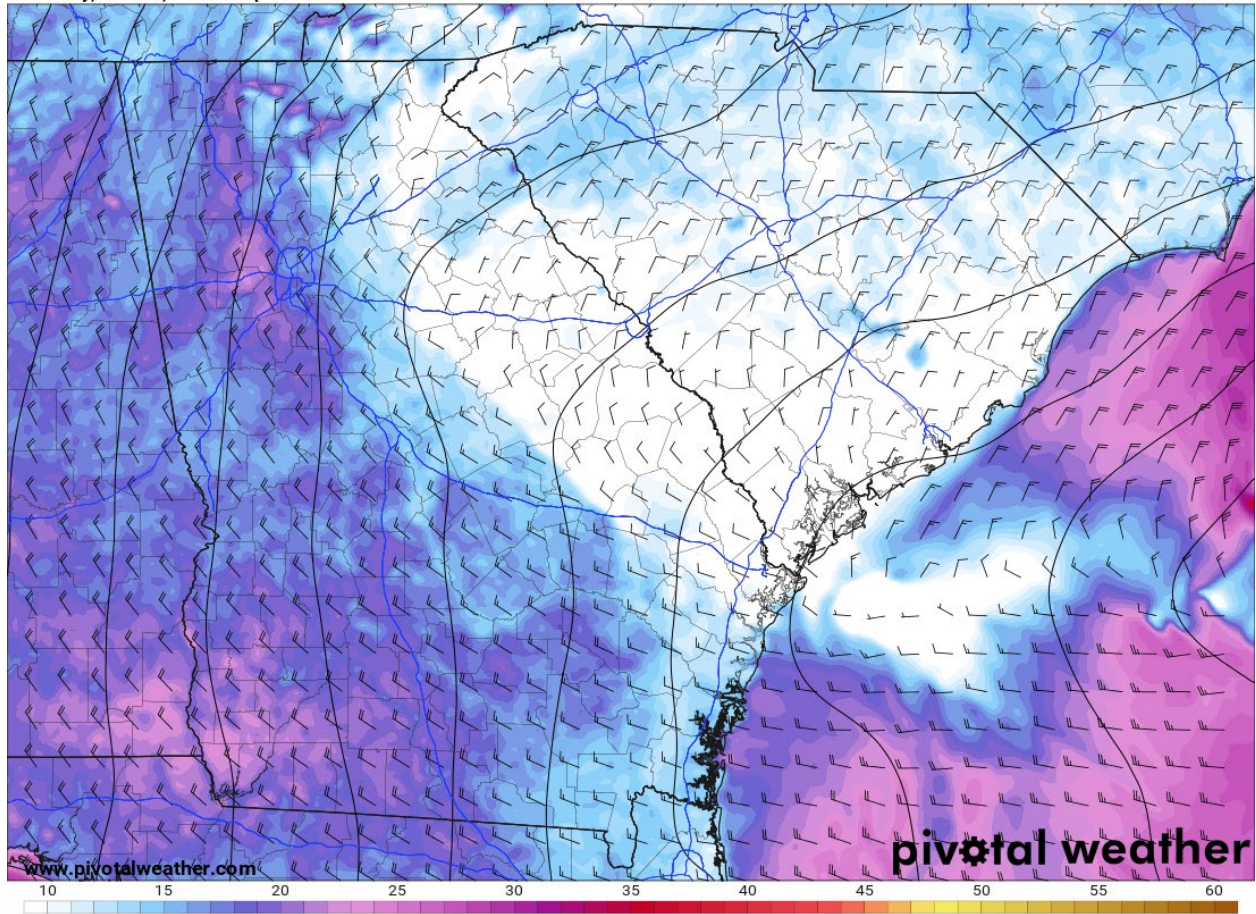


Figure 3: Surface Winds at 2PM (10z HRRR)

10 m AGL Wind Gusts (mph)
Saturday, Jan. 31, 2026 at 2 p.m. EST

Init: Sat 2026-01-31 10z HRRR

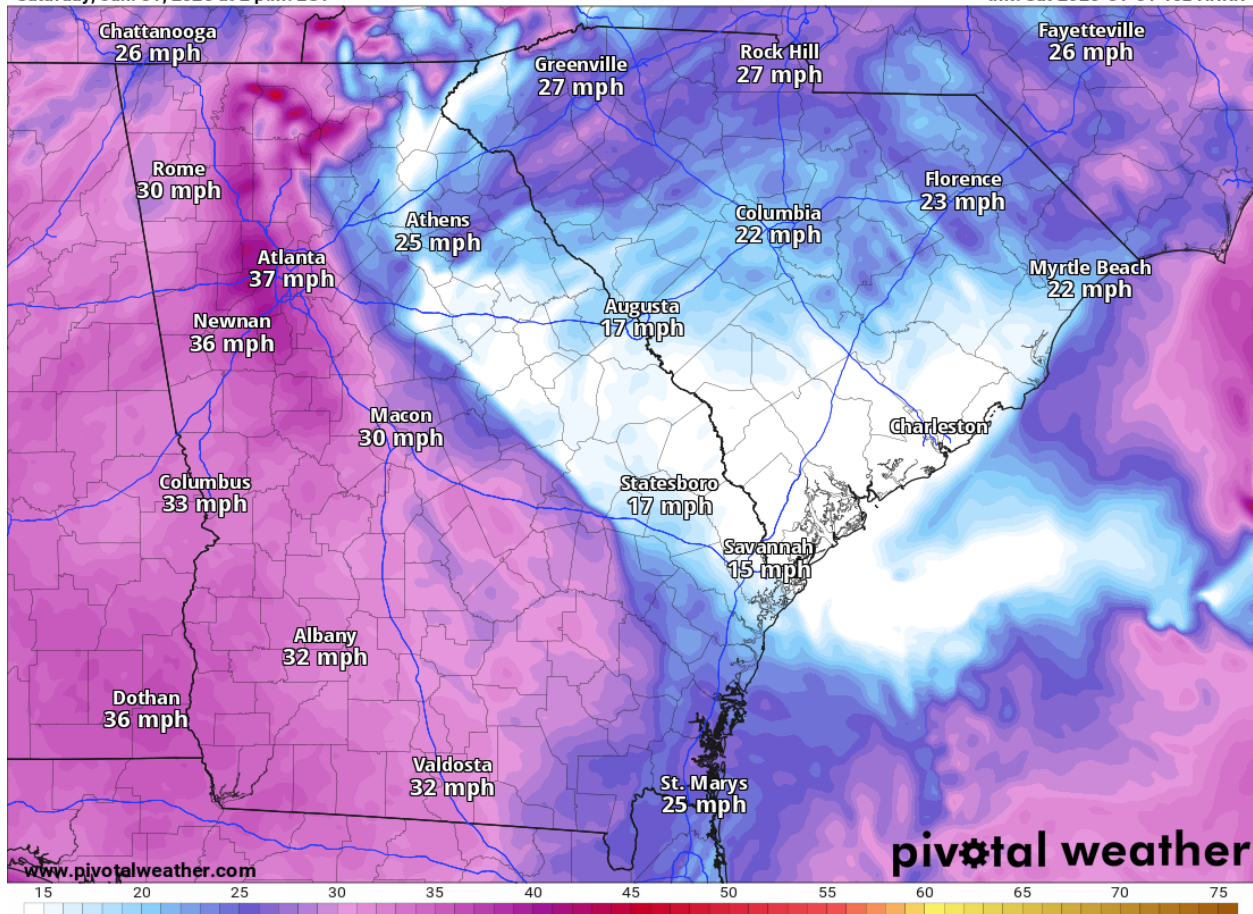


Figure 4: Wind Gusts at 2PM (10z HRRR)

PRIMARY HAZARDS

- Treacherous driving conditions for any areas that receive snow, especially on secondary and untreated roadways.
- Dangerously low wind chill values throughout the day Saturday and much of the day Sunday.
- Water leaks and main breaks from freezing pipes. (Mostly expected when temperatures rebound $>32^{\circ}\text{F}$)

NEXT STEPS

- The Georgia Tech Police Department Office of Emergency Management will continue to monitor the situation and provide updates as necessary.
- Follow the GT Office of Emergency Management on twitter @gtpdalerts.
- For the latest forecast information, please visit the National Weather Service.