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The National Weather Service WSR-88D Doppler radar (NEXRAD) located in Greer, SC and operated by the weather forecast office in Greenville-Spartanburg will be out of service for repairs the next few weeks. The forecast office has continued access to surrounding radars during this time.

A team from NOAA's Radar Operations Center (ROC) in Norman, Oklahoma, determined that the bull gear, the primary gear for turning the radar antenna, needs to be repaired. The radar will be out of service until the bull gear is repaired, and we expect the radar to be back in operation no later than February 6.

The NWS planned to replace the 25-year-old bull gear later this winter as part of the Service Life Extension Program designed to extend the operation of the NEXRAD until 2040.

Because the NEXRAD network was designed to have some level of overlapping coverage, the Greer area will have data available from surrounding radars, including NEXRADs from NWS Columbia, SC, Atlanta, GA, Knoxville, TN, and Raleigh, NC, and also the Terminal Doppler Weather Radar (TDWR) in Charlotte, NC.

The radars are supported by three federal agencies: NOAA National Weather Service, United States Air Force, and the Federal Aviation Administration. The Radar Operations Center provides lifecycle management and support for all WSR-88Ds.

For a radar mosaic loop for the region:

<https://radar.weather.gov/>

This statement will be updated when new information is available on radar status.