



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service
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The KBIS WSR-88D Doppler radar, operated by the NOAA National Weather Service in Bismarck, ND will be down for several weeks for the repair of a major mechanical component.

An engineering team from the Radar Operations Center (ROC) in Norman, Oklahoma, determined that the bull gear, the primary gear for turning the radar antenna, has failed. This repair will require 12,000 to 15,000 pounds of equipment and a six-person team from the ROC to restore the radar. The team is repairing another radar at this time and will arrive at Bismarck as soon as possible. An estimate for KBIS return to service will be provided next week.

During the outage, radar coverage is available from adjacent radars including: KGGW at Glasgow, Montana, KMBX near Minot, North Dakota, KVMX near Mayville, North Dakota, KABR at Aberdeen, South Dakota and KUDX near Rapid City, South Dakota.

The Bismarck, ND WSR-88D is 23 years old and part of a network of 159 operational radars. 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/ridge/Conus/uppermissvly.php>

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

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