

National Weather Service announces radar outage during major upgrade

Contacts:

Bill Parker, Meteorologist-In-Charge

bill.parker@noaa.gov, 601-936-2189, ext 222

Chad Entremont, Science Operations Officer

chad.entremont@noaa.gov, 601-936-2189, ext 224

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Beginning February 13, 2023, the KDGX WSR-88D operated by NOAA's National Weather Service in Jackson, Mississippi will be down for approximately two weeks for an important upgrade. Technicians will refurbish and replace the pedestal, one of the most critical components of the radar, which is necessary for antenna rotation and positioning to capture data in all directions. The components are extremely heavy and will require the radome to be removed by crane and replaced when the work is completed.

The radar and pedestal were designed to last 25 years, and this radar has exceeded its life-span. This activity is necessary to keep the radar functioning for another 20 years or more.

The pedestal refurbishment is the final major project of the NEXRAD Service Life Extension Program, a series of upgrades that will keep our nation's radars viable into the 2030s. NOAA's National Weather Service, the United States Air Force, and the Federal Aviation Administration are investing \$135 million in the eight year program. The first project was the installation of the new signal processor, the second project was the refurbishment of the transmitter, and the third project was the refurbishment of the equipment shelters. The Service Life Extension Program will be completed later this year.

During the downtime, adjacent radars will be available, including: Columbus AFB, MS (KGWX), Mobile, AL (KMOB), Slidell, LA (KLIX), Fort Polk, LA (KPOE), Shreveport, LA (KSHV), Little Rock, AR (KSHV), and Memphis, TN (KNQA). For direct access to any of these surrounding radar sites, visit the following web page: <https://radar.weather.gov/>

The KDGX WSR-88D is part of a network of 159 operational radars. The Radar Operations Center in Norman, Oklahoma, provides lifecycle management and support for all WSR-88Ds.

The National Weather Service in Jackson, MS can be found on Facebook and Twitter at NWSJacksonMS.