



NOAA

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE



Contacts:

Mike Buchanan, Meteorologist-in-Charge
956-504-1432 ext. 222
mike.buchanan@noaa.gov

FOR IMMEDIATE RELEASE

National Weather Service Brownsville, TX
January 6, 2021

Barry Goldsmith
Warning Coordination Meteorologist
956-572-1492 (cell)
barry.goldsmith@noaa.gov

Radar Backup Power Generator Scheduled for Full Replacement Beginning January 7, 2021

Beginning January 7, 2021, the Weather Surveillance Radar – 1988 Doppler (WSR-88D) operated by the NOAA National Weather Service in Brownsville, Texas (KBRO) will be down for approximately seven days for the replacement of the generator, fuel tanks, and accompanying components. This activity is important to support the radar's operation during periods of commercial power outages, specifically when hazardous weather is present.

This generator update is the fifth major project of the NEXRAD Service Life Extension Program (SLEP), a series of upgrades and replacements that will keep our nation's radars viable into the 2030's. NOAA National Weather Service, the United States Air Force, and the Federal Aviation Administration are investing \$150 million in the seven-year program. The first project was the installation of the new signal processor and the second project was the transmitter refurbishment. The two remaining projects are the refurbishment of the pedestal and equipment shelters. The SLEP will complete in 2023.

During the downtime, the adjacent WSR-88D in Corpus Christi will be available. For direct access to these and other sites in Texas and beyond, go to the following web page: <https://radar.weather.gov/index.htm>.

The KBRO 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.

For a radar mosaic loop of Texas, go to <https://go.usa.gov/xAXn3>.

NOAA understands and predicts changes in the Earth's environment, from the depths of the ocean to the surface of the sun, and conserves and manages our coastal and marine resources. Visit <http://www.noaa.gov>.

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On the internet and social media:

National Weather Service, Brownsville/Rio Grande Valley: <https://weather.gov/rgv>
National Weather Service Radar Operations Center: <https://roc.noaa.gov/WSR88D>
NWS Brownsville/Rio Grande Valley on Facebook: <https://facebook.com/NWSBrownsville>
NWS Brownsville/Rio Grande Valley on Twitter: <https://twitter.com/NWSBrownsville>
NWS Brownsville/Rio Grande Valley on YouTube: <https://youtube.com/NWSBrownsville>
NOAA's Weather Ready Nation: <https://www.weather.gov/wrn>