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Public Information Statement 22-09  
National Weather Service Headquarters Silver Spring MD  
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From:        Susanne Keveney  
              Acting Director, NWS Office of Dissemination

Subject: New Public Web Pages for RIDGE II Local Standard Radar (Low  
Bandwidth) Images: Effective on or about February 15, 2022

The Radar Integrated Display with Geospatial Elements (RIDGE) Radar Version II produces low bandwidth images for each WSR-88D Radar nationwide. These images display the reflectivity product overlaid onto a basic mapping background layer, with only county and state boundaries, interstate highways, select cities, and certain short-fused NWS warning polygons. The images are deemed "Local Standard Radar (low bandwidth)" to denote the basic outputs. Since the operational replacement of RIDGE Radar Version I with Version II in December of 2020, these images have been available from an online directory web page:

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

In addition to the Geographic Information System (GIS)-based application that displays NWS radar data on <https://radar.weather.gov>, and in response to public, partner, and customer feedback, the NWS is providing easy access to these images via public-facing webpages, or landing pages, per WSR-88D Radar. These pages also offer users who have low bandwidth constraints, or those that simply wish to have quick access to radar data, a way to quickly do so. A link to the local view from that same radar on the GIS-based radar.weather.gov page has a bookmarked link above the main container of the images on these pages for easy access. There is also a directional matrix of clickable arrows (on the top-right side) to easily navigate to surrounding radars. The new web pages will be available as of the issuance of this statement.

Each individual page has the same web address with the 3-letter ID of the specific WSR-88D Radar at the end of the link, such as: <https://www.weather.gov/radarlite/loop?radarid=KLWX>. A listing of radar identifiers can be found via this link:

<https://www.weather.gov/media/tg/wsr88d-radar-list.pdf>

There is also a national mosaic available from this page: [https://www.weather.gov/radar\\_lite](https://www.weather.gov/radar_lite). The national map is clickable, with

direct links to the individual radar pages. The main page also has links to views for CONUS regions, Alaska, Hawaii, Guam, and Puerto Rico.

Local pages default to a loop of the most recent 10 frames for a particular radar, where the vantage point covers that radar's scanning footprint, as the RIDGE I images provided in the past. There are looping controls to pause and to go forward or backward, frame by frame, through the available images. There are also buttons to speed up or slow down the default loop speed. Each individual image has a time stamp, in Coordinated Universal Time (UTC), as well as the identifier of the specific radar.

As with the RIDGE I Local Standard Radar (low bandwidth) images, the available radar product displayed for these images will be the reflectivity for that particular radar. To view any other radar products, such as Base Radial Velocity, Echo Tops, the Dual Polarization product suite, various estimated precipitation amounts and more, navigate to the bookmarked <https://radar.weather.gov> GIS-based page, centered on that particular radar, under the "Local Radar (Enhanced)" link above the loop/image container on the "Local View" landing page.

For complete information about the RIDGE II radar page on [radar.weather.gov](https://radar.weather.gov), including the associated available data products and services, please view Service Change Notice (SCN) 20-85:

<https://www.weather.gov/media/notification/pdf2/scn20-85ridge11aab.pdf>

A general Frequently Asked Questions (FAQ) page for the <https://radar.weather.gov> GIS-based page can be found here:

<https://www.weather.gov/radarfaq>

For comments or questions regarding the information in this notice, please contact:

Andrea Hardy, Chief  
Weather Information Distribution Services Branch  
NOAA/National Weather Service Headquarters  
Silver Spring, MD  
[andrea.hardy@noaa.gov](mailto:andrea.hardy@noaa.gov)

For comments or questions regarding the [radar.weather.gov](https://radar.weather.gov) webpage, please contact: [nws.radarfeedback@noaa.gov](mailto:nws.radarfeedback@noaa.gov).

For issues regarding outages and the operational support of the RIDGE II application, please contact [nco.ops@noaa.gov](mailto:nco.ops@noaa.gov).

National Public Information Statements are online at:

<https://www.weather.gov/notification/>

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