



**NATIONAL
WEATHER
SERVICE**

NWS Partners Webinar

New NEXRAD Radar Webpage

December 2, 2020



Today's Webinar Agenda

- Welcome and logistics
- Overview of new NEXRAD radar webpage
- Open discussion
- Wrap-up



Peyton Robertson
Director
Office of Organizational
Excellence
National Weather Service



Andrea Bleistein
Partner Engagement Lead
Office of Organizational
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National Weather Service



Webinar Logistics: How to join the discussion!



- If using the phone for audio, please be sure to enter your audio pin. If you did not do it when you called in, type #PIN# into your phone now.



- All lines will remain muted until the open discussion.



- We are recording the webinar for posting later.

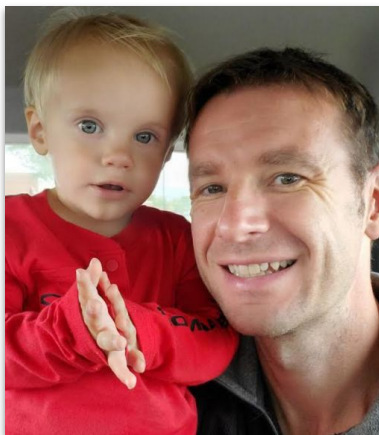


Welcome to our Presenters



Michelle D. Hawkins

Severe, Fire, Public, and Winter
Weather Services Branch Chief
Forecast Services Division/Analyze,
Forecast, and Support Office
National Weather Service



Greg Schoor,

Severe Weather Program Manager
Analyze, Forecast, & Support Office
National Weather Service



Paul Kirkwood

Technology Infusion Branch Chief
Science & Technology Services
Division
Southern Region HQ
National Weather Service

Radar Webpage Transition (Comparison)

Current radar.weather.gov (main) page

- US map with links to the WSR-88D network

National Weather Service Enhanced Radar Images
National Doppler Radar Sites

On or about December 8, 2020, the web pages here at radar.weather.gov will be replaced. [Click here to preview the new site now.](#)

Enhanced Version | Standard Version

Select radar location and click.
Requires Java/JavaScript

National Doppler Radar Sites

Legend:
● FAA Radar Site
● NWS / DoD Radar Sites

Additional Info:
[Radar FAQ](#)
[Doppler Images](#)
[Cooper University](#)
[Color Blindness Tool](#)
[Credits](#)

New (preview) radar.weather.gov page

- Interactive (GIS-based) US map with default mosaic

NATIONAL WEATHER SERVICE | Radar

Search City, Zip, or Common Name

Weather for a location
Invalid location, please select again.

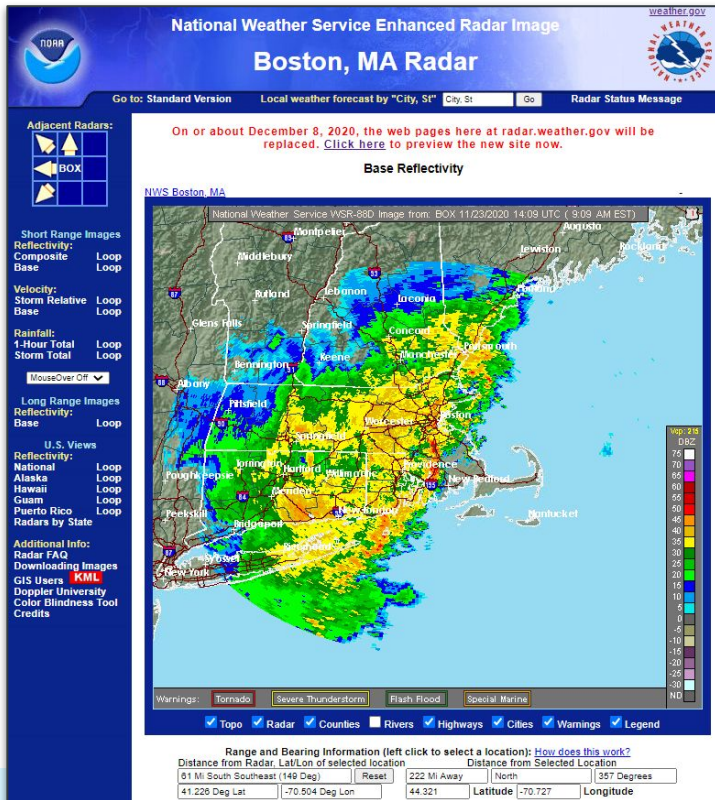
10/27/20 03:46 PM

Legend:
na -33 -10 13 15 28 33 38 43 48 53 63 66 73 77 93 99 dz

Local Vantage (Comparison)

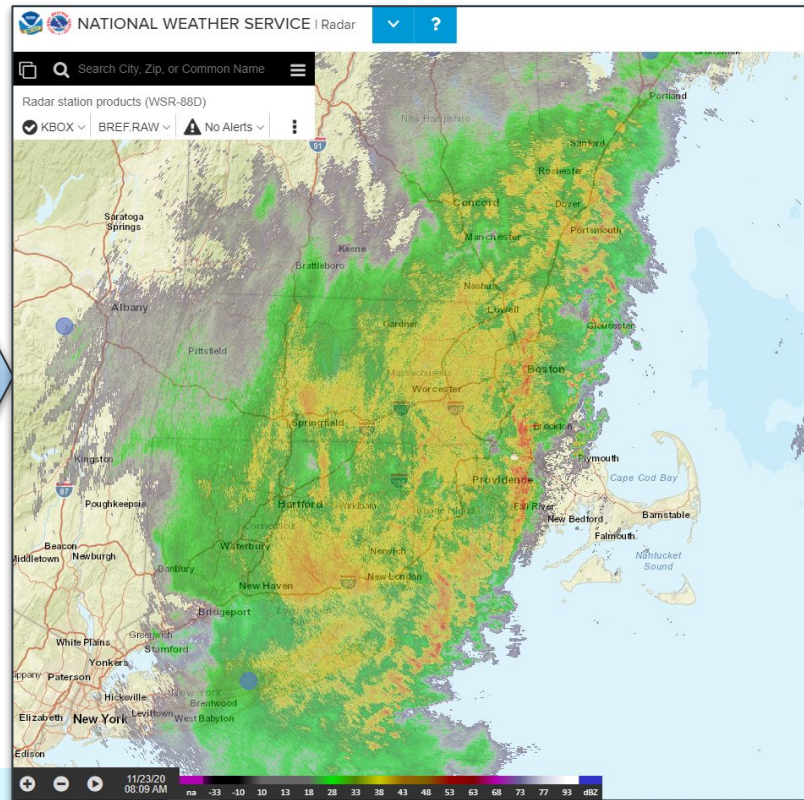
Current radar.weather.gov (main) page

- Dedicated/separate per for each WSR-88D



New (preview) radar.weather.gov page

- Zoomed-in; No more individual pages!



MORE PRODUCTS!

Current radar.weather.gov (main) page

- Dedicated/separate per for each WSR-88D



- * Never-before available on an operational NWS sites

New (preview) radar.weather.gov page

- It's all there... and MORE!

*	Super Resolution Base Reflectivity
*	Super Resolution Base Velocity
*	Dual-Pol Precipitation Type
*	Dual-Pol Differential Reflectivity
*	High Resolution Echo Tops
	One Hour Precipitation Accumulation
	Storm Relative Motion
*	Digital Storm Total
	Storm Total Precipitation
	Base Velocity
	Composite Reflectivity
*	High Resolution VIL

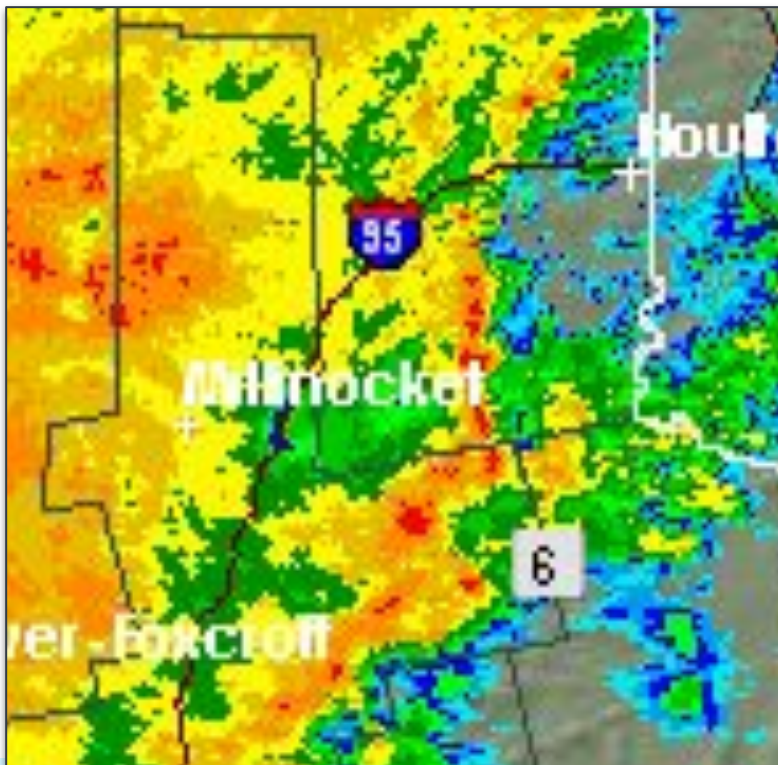
First time Dual-Pol products have been available

ALL have looping capabilities!

What is “Super Resolution”?

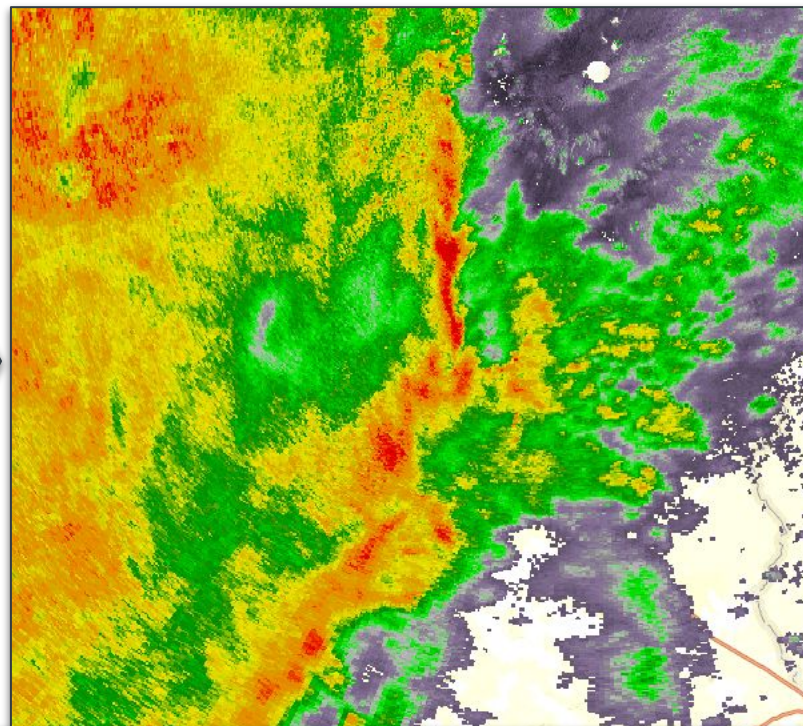
Current radar.weather.gov (main) page

- Dedicated/separate per for each WSR-88D



New (preview) radar.weather.gov page

- Zoomed-in; No more individual pages!



Note: This is not the default setting. Must disable the “Transparency” layer.

New Radars Added (FAA TDWRs)



Products:

Radar station products (TDWR)

TBOS BNET (NET) No Alerts

Select the radar product:

Echo Tops

Long Range Base Reflectivity

Short Range Base Velocity

VIL

Composite Reflectivity

**TDWR = Terminal
Doppler Weather Radar**



Primary Changes for External Users



1) Change Bookmarks



- Not just for individual radars, for a customizable vantage point



2) Change Data Ingest Links



3) Become familiar with the new interface, the capabilities, and navigating the various options to get what you want





NEXRAD Radar Webpage Demo

Open Discussion



Please use the **question box** or **hand-raise option**.



If we don't get to you, enter your comment in the "Questions" box or email idp.gis.support@noaa.gov after the webinar



Wrap Up - What's coming

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- 
- 
- 
- NCEP Web Services Webinar - December 8th at 2pm
 - Academia Roundtable Discussion: Weather-Ready Nation [Winter 2021]
 - Partner calls with NWS Deputy Director [Ongoing]

THANK YOU!!

weather.gov/wrn/calendar