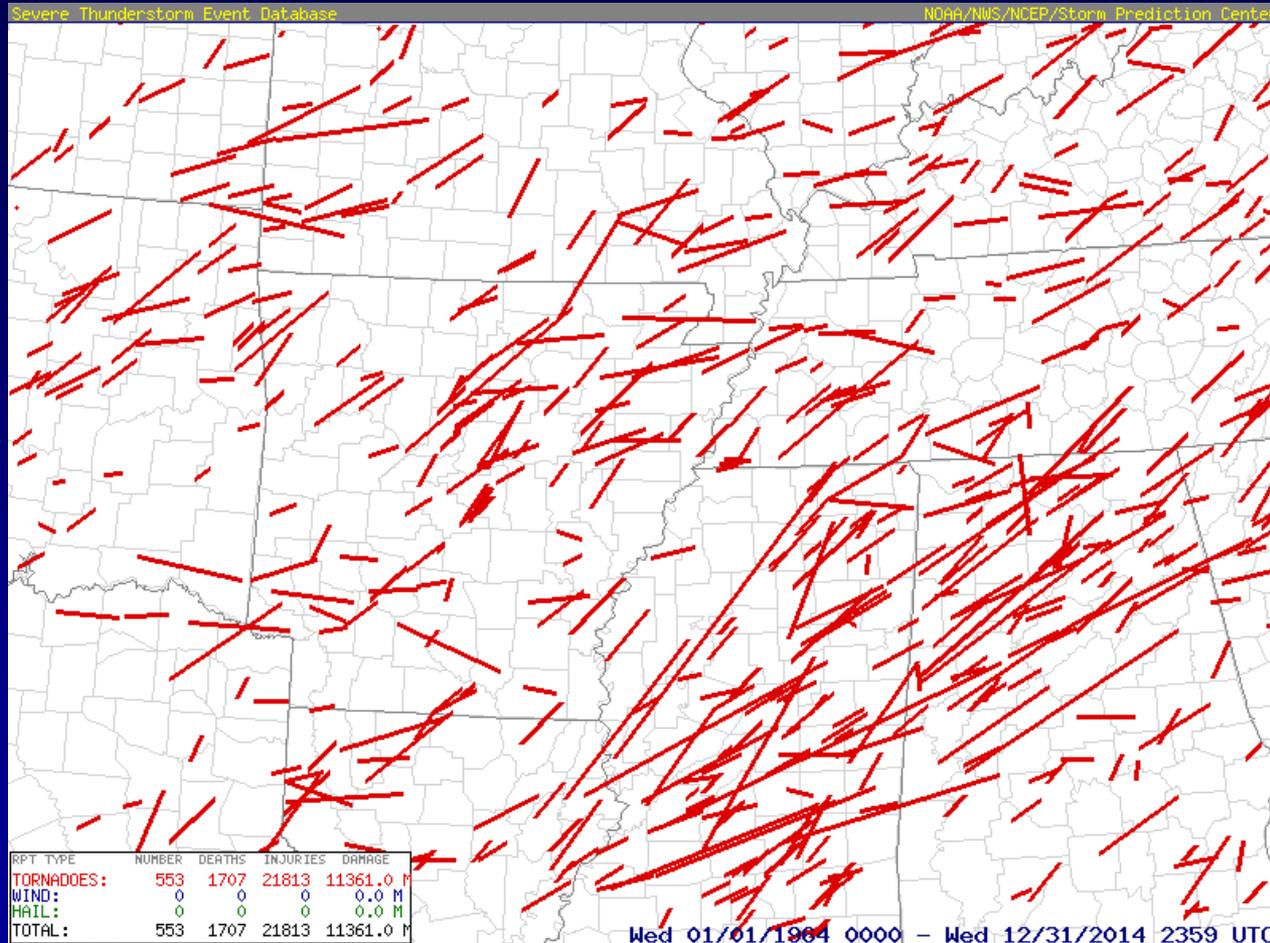


# Lower Mississippi Valley Severe Weather: Past, Present and Future

Meteorologist-in-Charge  
NWS Jackson, MS



# Tornadoes in Mid/Lower MS Valley

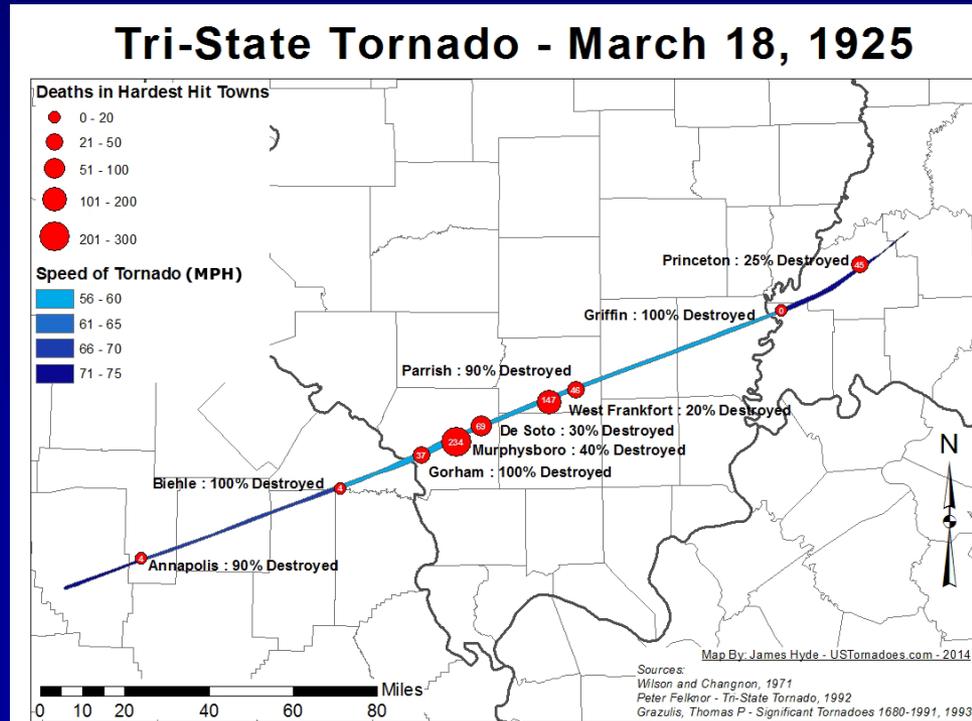


EF3+ tornadoes with path length > 10 mi since 1964



# Some of Most Infamous US Tornadoes Impacted Miss Valley

- Tri-State Tornado of 1925
  - March 18<sup>th</sup>; 695 dead, 219 mile path length
  - Deadliest, longest track tornado in US history



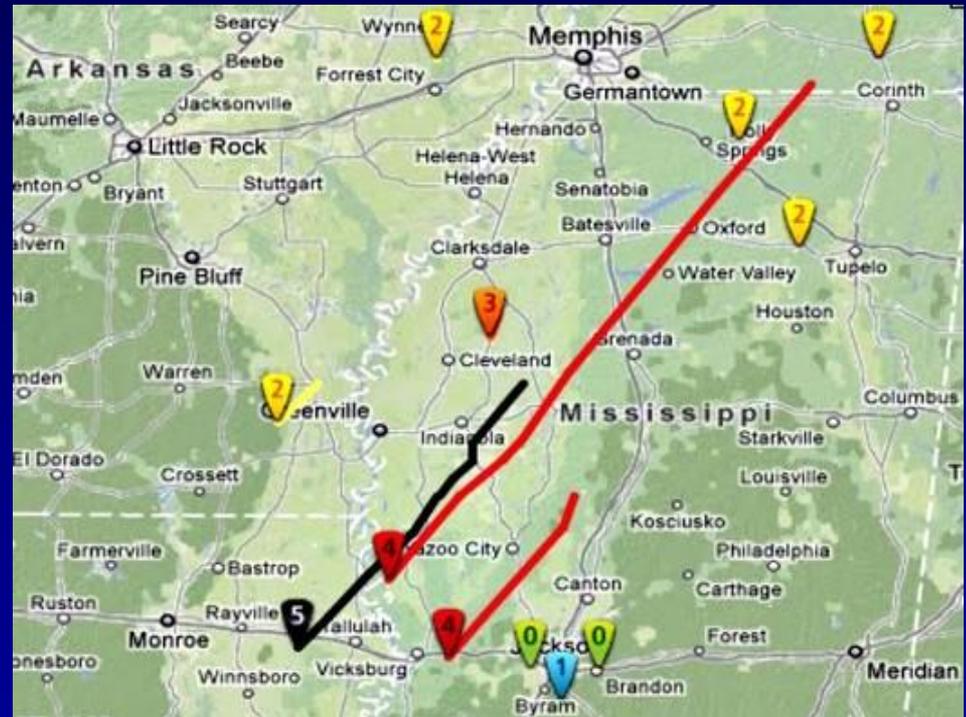
# Some of Most Infamous US Tornadoes Impacted Miss Valley

- Natchez Tornado of 1840
  - May 7<sup>th</sup>; 317+ dead, 219 mile path length
  - Second deadliest tornado in US history; crossed Mississippi River at Natchez and killed 269 people on the river



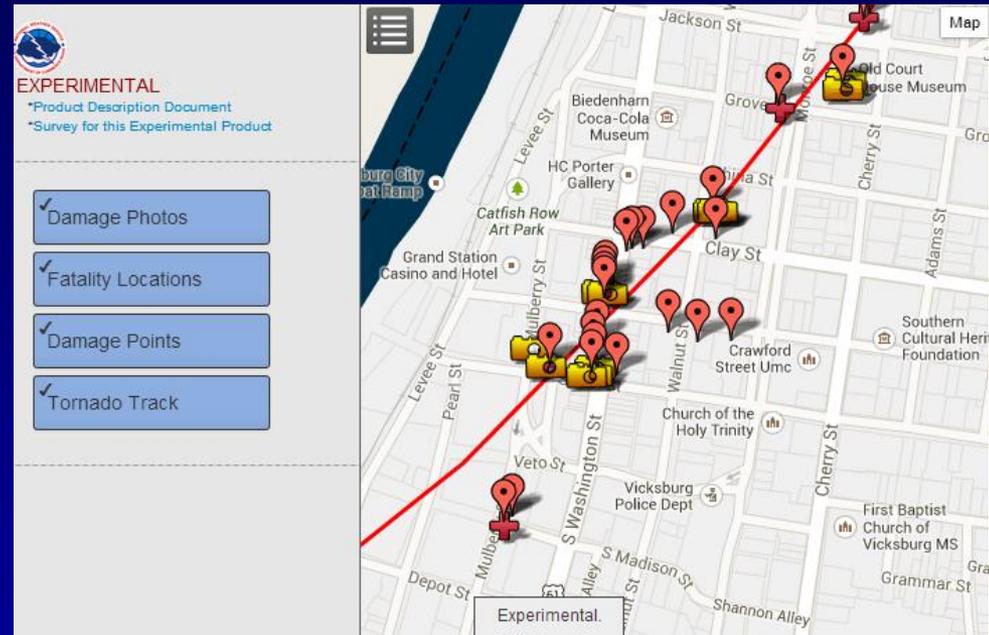
# Some of Most Infamous US Tornadoes Impacted Miss Valley

- Mississippi Delta Outbreak of 1971
  - February 21<sup>st</sup>; multiple EF4 and EF5 tornadoes in LA and MS
  - EF-5 tornado in Madison Parish only EF-5 in Louisiana history
  - 121 fatalities in two state area

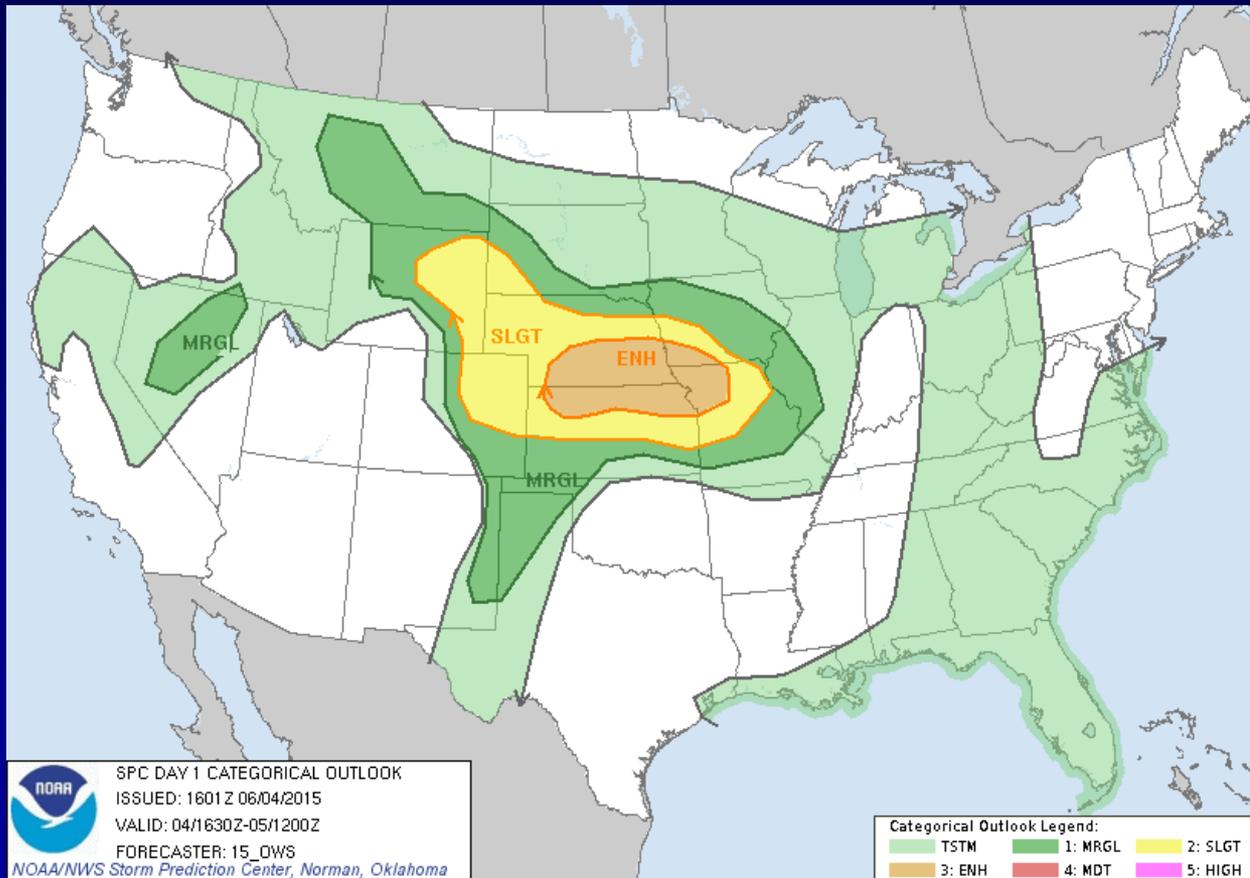


# Some of Most Infamous US Tornadoes Impacted Miss Valley

- Vicksburg Tornado of 1953
  - Only EF-5 tornado in MS history in December
  - Crossed Mississippi River just SW of Vicksburg
  - 38 fatalities in city of Vicksburg



# Outlooks

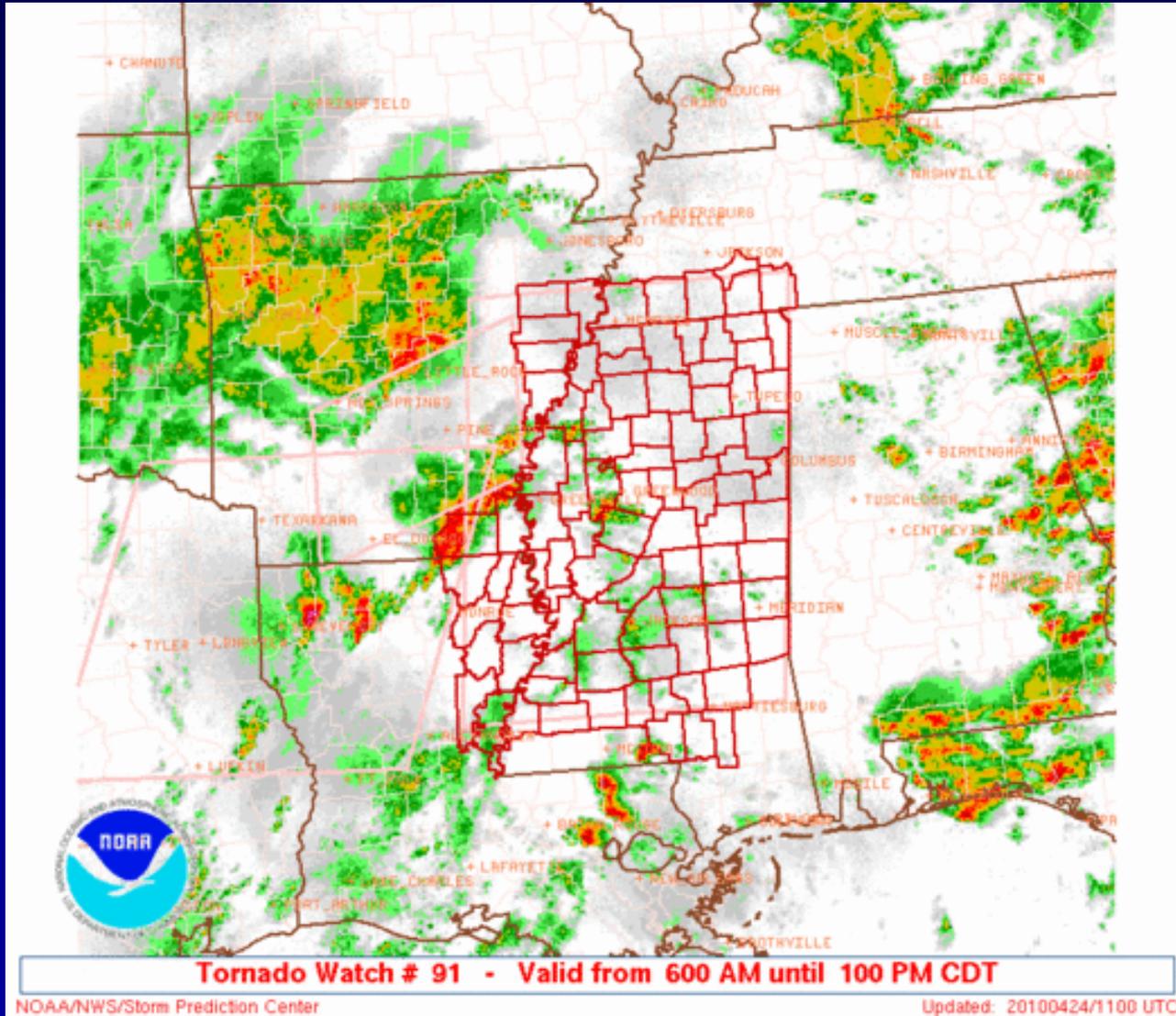


Issued by NWS  
Storm Prediction  
Center in Norman

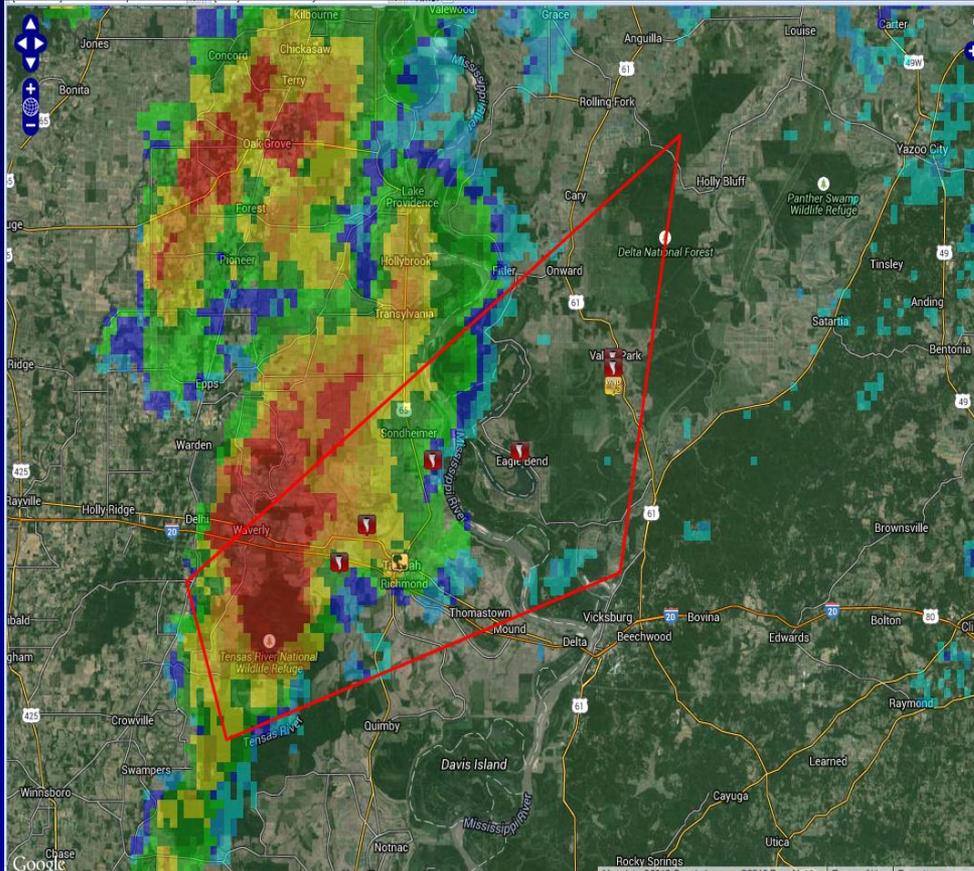
Forecasts issued for  
days 1, 2, 3 and 4-8

Local offices produce  
graphics to refine  
outlooks for their  
area of responsibility

# Watches



# Warnings

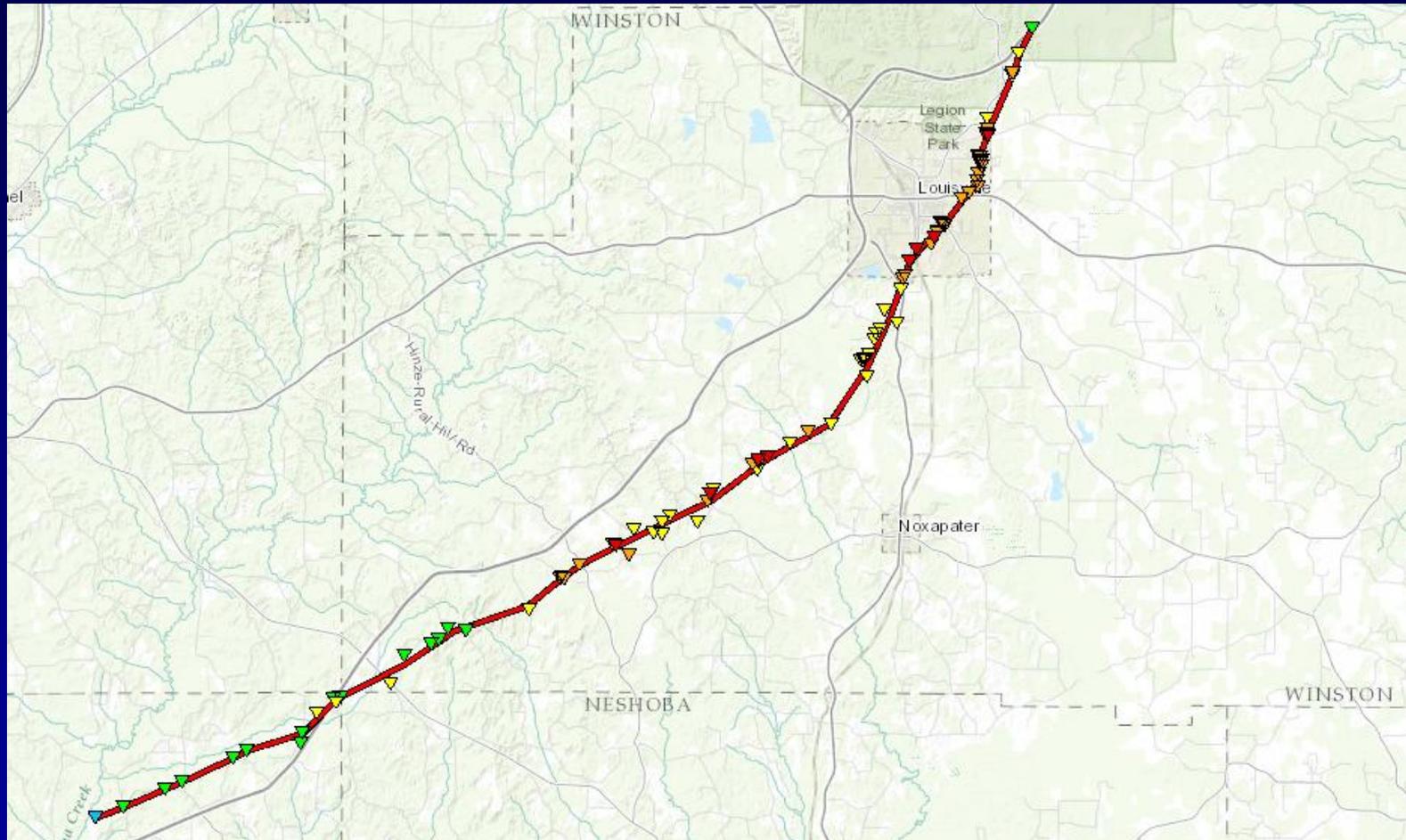


...A TORNADO WARNING REMAINS IN EFFECT UNTIL 1145 AM CDT FOR SOUTHERN ISSAQUENA... SOUTHWESTERN SHARKEY AND NORTHWESTERN WARREN COUNTIES... AND NORTHEASTERN MADISON AND SOUTHEASTERN EAST CARROLL PARISHES...

AT 1129 AM CDT...NATIONAL WEATHER SERVICE METEOROLOGISTS AND STORM SPOTTERS WERE TRACKING A LARGE AND EXTREMELY DANGEROUS TORNADO. THIS IS A CONFIRMED LARGE TORNADO! THIS TORNADO WAS LOCATED NEAR OMEGA MOVING NORTHEAST AT 50 MPH.

THE TORNADO WILL BE NEAR... ONWARD BY 1140 AM CDT... VALLEY PARK BY 1145 AM CDT...

# Post-Event



Louisville, MS EF-4 damage assessment, 4/28/14

*NWS also providing preliminary GIS tracks based on radar data to FEMA/local EM after significant events*