

SIREN'S SONG



HISTORY

- 1) First Siren was invented by John Robinson in 1799 a Scottish Physicist
- 2) In 1887 sirens were banned for tornado warnings until 1938
- 3) The 1948 Tornado at Tinker Air Force Base Changed the Perception
- 4) In 1950 President Truman signed the Civil Defense Act.

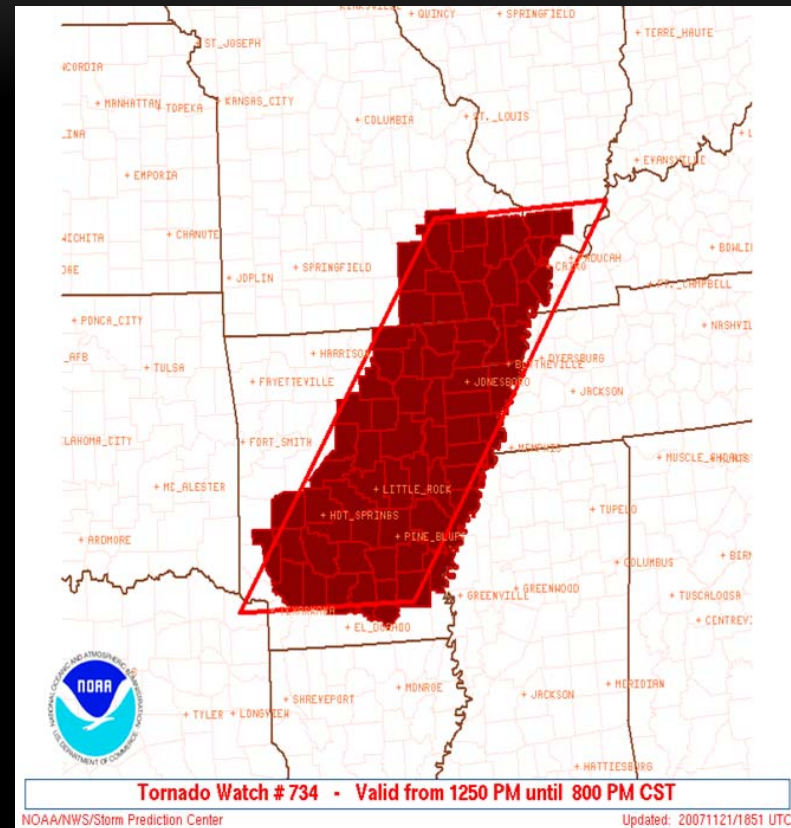


WHAT MECHANICAL ALERTS PROVIDE

Warning for imminent severe weather

Long range warnings

Outside warnings



WHAT ELECTRONIC ALERTS PROVIDE

- Specific Alerts for the situation
 - Tornado
 - Shooter
 - Flooding
 - Train wreck
 - Chemical spill
- All Clear Signals
- We are living in a New World
- The versatility allows for multiple and clear Warnings

130 pm CDT – NWS/SPC Tornado Watch issued for Southwest Missouri in effect until 900 pm CDT

509 pm CDT - WFO Springfield Tornado Warning Polygon #30 issued for Western Jasper County MO (including northeastern Joplin) in effect until 600 pm CDT

511 pm CDT – Initial 3 minute siren alert sounded for Jasper County and Joplin

517 pm CDT – WFO Springfield Tornado Warning Polygon #31 issued for southwest Jasper County MO (and Joplin), northwest Newton County MO and southeast Cherokee County (KS) in effect until 600 pm CDT

534 pm CDT – Approximate initial Tornado touchdown ½ mile southwest of JJ Highway and Newton Road (southwest of Joplin City limits)

538 pm CDT – Second 3 minute siren alert sounded for Jasper County and Joplin. EF-4 Damage begins as tornado approaches Schifferdecker Avenue in western Joplin

548 pm CDT – WFO Springfield Tornado Warning Polygon #32 issued for southern Jasper County MO (including Joplin), northern Newton County MO and western Lawrence County MO in effect until 630 pm CDT

LIMITATIONS OF ELECTRONIC

- Radius of warning
 - 1 mi typically rather than 1.5
- Increased cost



BEST LOCATIONS

- High density areas
 - Mall
 - Downtown
 - Parks with child recreation activities



ADOPT A SIREN PROGRAM

- We believe that this program is as essential to our community in this era as the original mechanical siren was in their era



QUESTIONS



- http://emergency.duke.edu/wp-content/uploads/2008/11/all_clear1.wav