

Childhood Weather Events in Mississippi

- Candle Stick Park Shopping Center Tornado 1966 (Age 4)
- Hurricane Camille August 1969 (Age 6)
- Waterspout Sighting August 1973 (Age 10)
- Jackson, MS Flood April 1979 (Age 16)
- Hurricane Frederic September 1979 (Age 16)



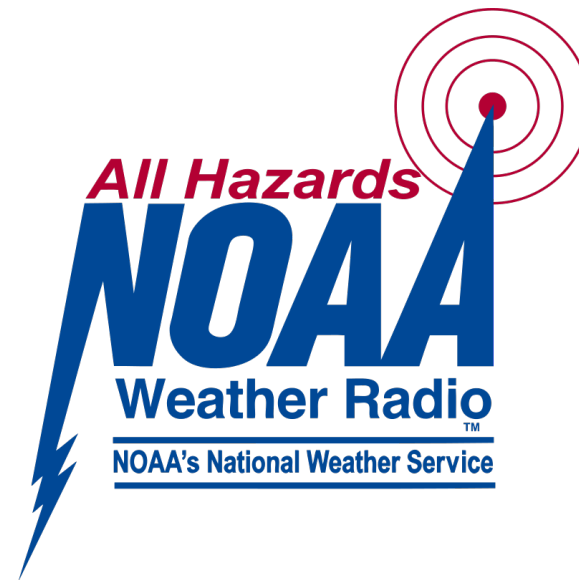
The NOAA Weather Radio Network by Bruce G. Thomas

Key facts about your topic

NOAA Weather Radio is an automated 24-hour network of VHF FM weather radio stations in the United States that broadcast weather information directly from a nearby National Weather Service office. The routine programming cycle includes local or regional weather forecasts, synopsis, climate summaries, synopsis or zone/lake/coastal waters forecasts. During severe weather conditions the cycle is shortened to hazardous weather outlooks, short-term forecasts, special weather statements or tropical weather summaries. NOAA/NWS occasionally broadcasts other non-weather emergency events such as Amber Alerts and Emergency Management life safety information.

Founded: 1954


Founder: National Oceanic and Atmospheric Administration



www.weather.gov/nwr

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Contents

- History of NOAA Weather Radio
 - Broadcast Transmitters
 - Radio Frequencies
 - Weather radio receivers
 - Specific Area Message Encoding
 - Alerting
 - Emergency alert test procedure
 - Voices
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Weather Radio History

Was created for the Great Lakes and North Atlantic regions to broadcast
vital weather information to airplane and ship traffic.


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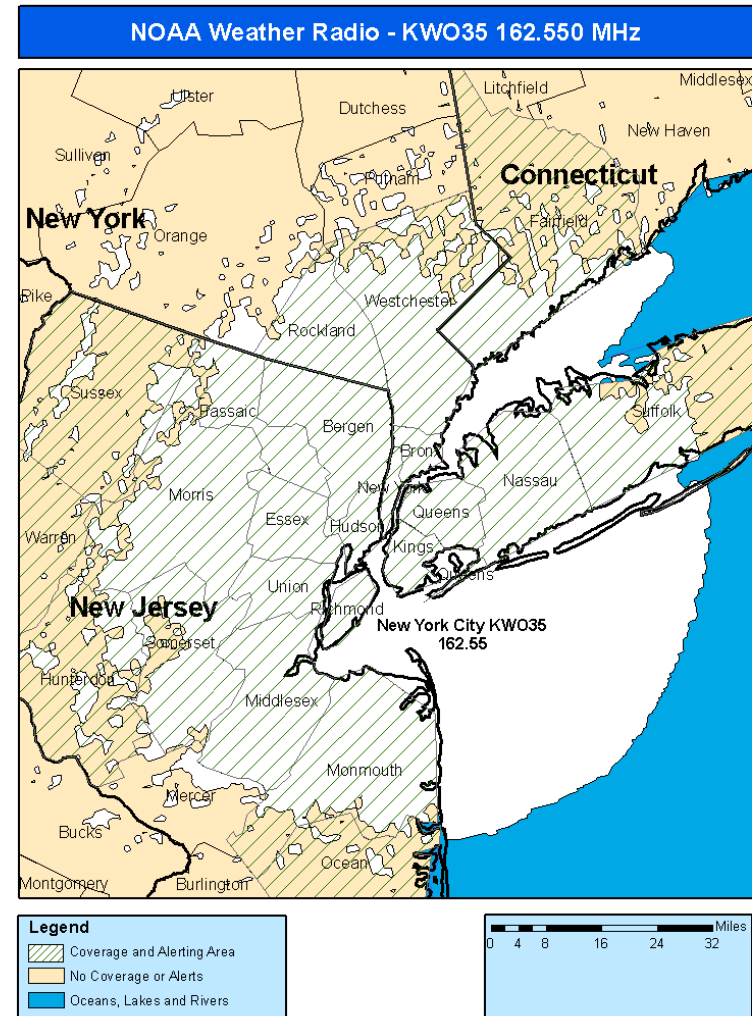


First Weather Radio Broadcast Transmitters.

- New York City KWO35 (1954)
- Chicago KWO39 (1956)
- Kansas City KID77 (1965)
- Honolulu KBA99 (1967)
- 100 stations by (1976)
- 300 stations by (1979)
- 500 stations by (1999)
- 800 stations by (2001)
- 1,000 stations by (2010)
- 1,032 stations by (2020)



KWO35 has the most population under one transmitter.

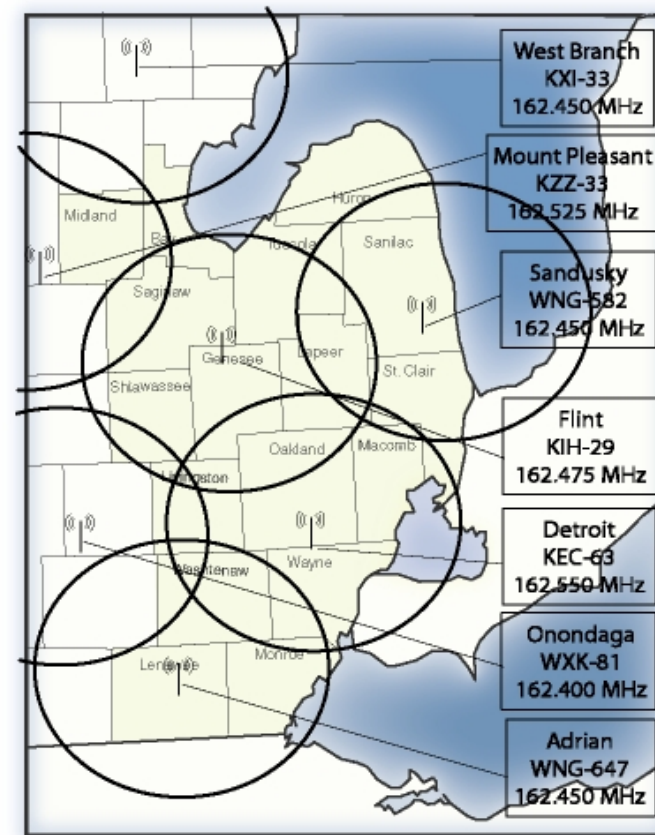


Radio frequencies used

- 162.400 – 162.550 MHz

Seven broadcast channels broadcasting continuous information over seven specific quarter MHz frequencies.

Allowing for Specific Area Message Encoding S.A.M.E., (CIRCA 1997) giving better overall reception without “bleed over” onto adjacent frequencies.



[Photo](#) by This file is lacking author information. / Public domain



Millions and Millions of
Weather Radio receivers
Are Currently in Use.

Alerting the Public

- When seconds count for life saving information the NOAA Weather Radio network is one of America's legacy warning systems. Covering more than 95% of the U.S. Population including territories and protectorates.



Required Weekly and Monthly Alert Tests

Wednesday or
Saturday at 11am
until noon and again
from 6pm until 7pm.

Specific Area Message
Encoding S.A.M.E.
Digital Bust followed
by the 1050 Hz Tone.

NOAA Weather Radio
is County, Parish or
City/Municipality
specific.

Current 2020
“Speech to Text” voices.

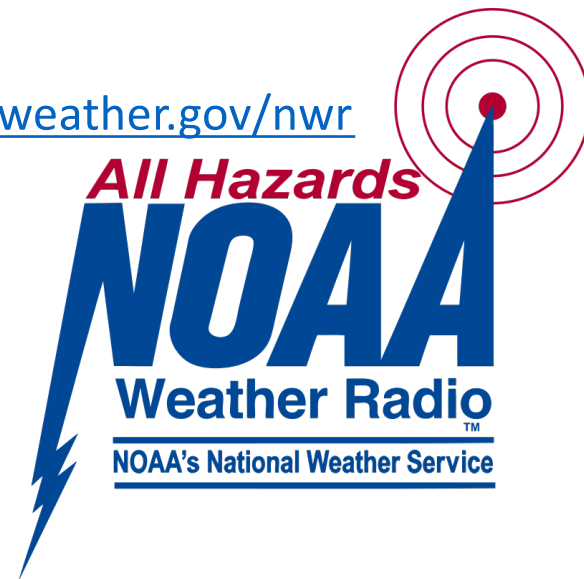
New Paul or Paul II for English
Language Broadcasting
Violetta for Spanish Language
Broadcasting



For more information on NOAA Weather Radio and network of transmitters please click the link provided.



- www.weather.gov/nwr



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GET THE INFORMATION
YOU NEED...24 HOURS A
DAY...GET A **NOAA**
WEATHER RADIO!



- www.weather.gov/nwr

