



NOAA ALL HAZARDS RADIO



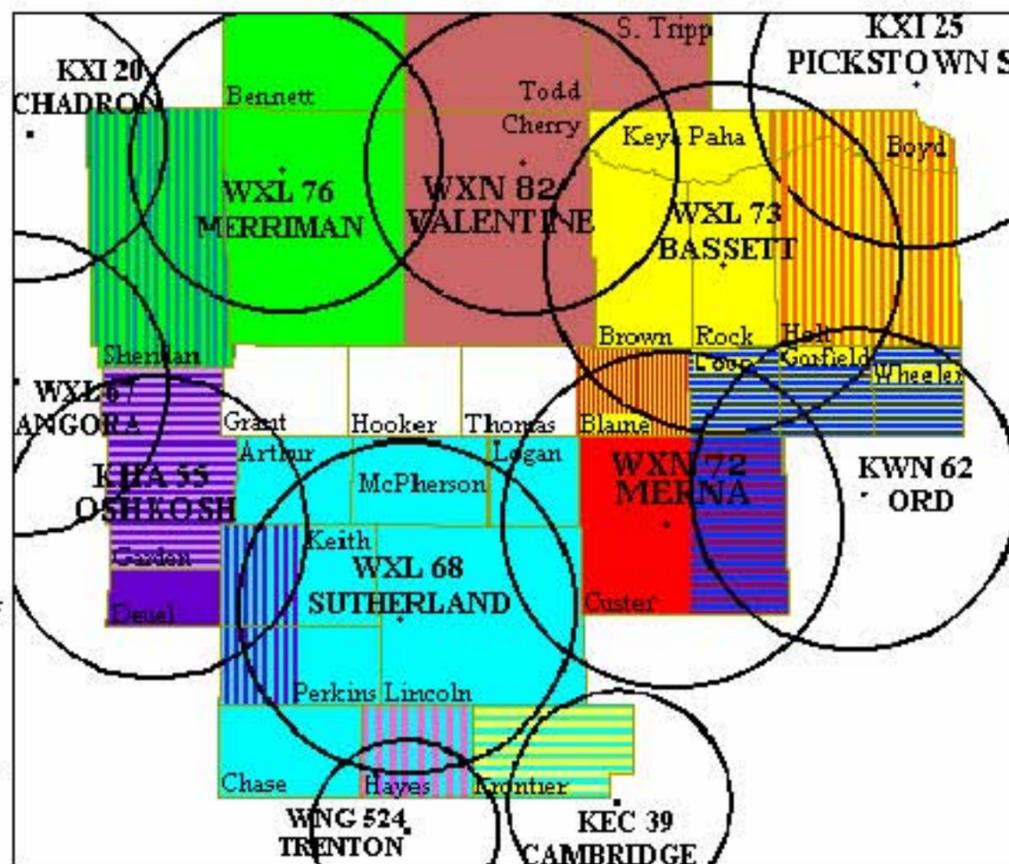
The Voice of the National Weather Service
Broadcasting Continuous Weather Information 24 Hours a Day

The NOAA All Hazards Radio (NAHR) is provided as a public service by NOAA, which is part of the Department of Commerce. There are over 900 NAHR transmitters across the Continental United States, Alaska, Hawaii, and territories such as Puerto Rico, the US Virgin Islands, and Guam. NAHR requires a special radio receiver or scanner capable receiving the signal. There are 7 different frequencies (Mhz) that NAHR broadcasts on. Within the North Platte County Warning Area (CWA), there are 6 different transmitters which provide weather and emergency information for north-central, west-central, southwestern Nebraska and portions of the panhandle. Along with Nebraska, some of our transmitters also provide service to south-central South Dakota. To ensure there is coverage across some counties, there are 6 other transmitters outside the CWA which provide extra coverage to parts of the panhandle, central and southwestern Nebraska.

The circles around each transmitter represent the optimal range of reception, around 40 miles. Reception of the broadcast depends on a number of factors including type of receiver, terrain, weather, and distance from the transmitter.

The NOAA Weather Radio has become an "all hazards" radio network, making it your single source for comprehensive weather and emergency information.

The regular broadcasts are specifically tailored to weather information needs of the people within the service area of the transmitter. The watches, warnings, and Civil Emergency Messages are tone alerted and will interrupt into the regular broadcast cycle to give you up to the minute information about these hazards and emergencies. Once the NWS products are issued they are converted to voice products and immediately broadcast on NAHR. The system that digitizes the products to the computerized voice is the Console Replacement System (CRS). If necessary, broadcasts can be manually recorded using the CRS. The hearing and visually impaired can receive watches and warnings by connecting weather radio alarm tones to other kinds of attention-getting devices, like strobe lights, pagers, bedshakers, personal computers and text printers.



Transmitters within the CWA

Call Sign	Frequency
WXL68	162.550
WXL73	162.475
WXL76	162.400
WXL82	162.450
WXN72	162.500
KHA55	162.525

Transmitters outside the CWA

Call Sign	Frequency
KWN62	162.525
KXI20	162.525
KXI25	162.425
WXL67	162.475
WNG524	162.500
KEC39	162.525



Console Replacement System

Products broadcast on NAHR include:

- Watches
- Warnings
- Advisories
- hourly weather round-ups
- short term forecasts
- forecast zones
- Public Information Statements (PNS)
- Special Weather Statements (SPS)
- Civil Emergency Messages (CEM) (chemical leaks, spills, and Amber alerts)
- Fire weather information



Examples of radios to purchase



Sutherland Transmitter Tower