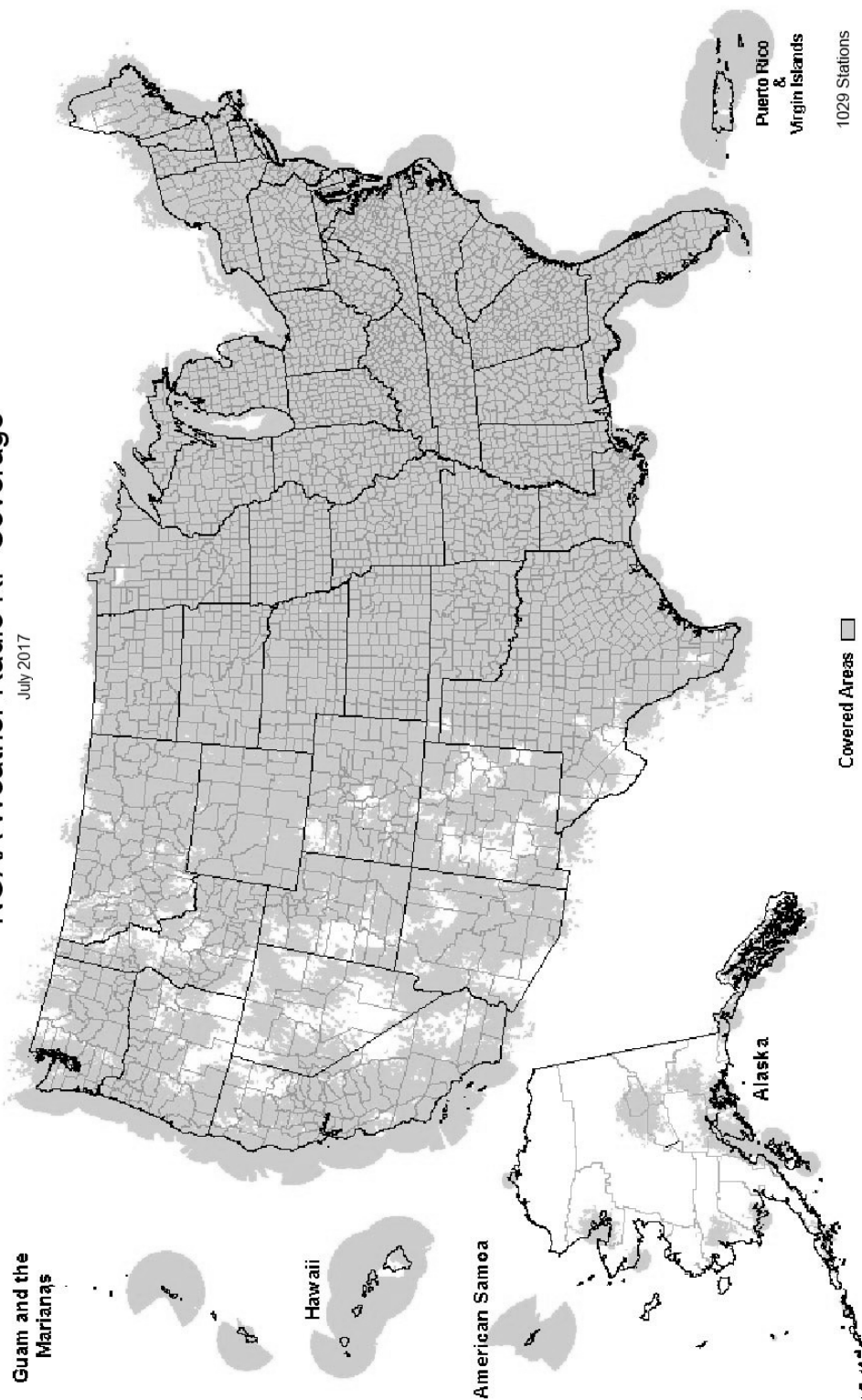
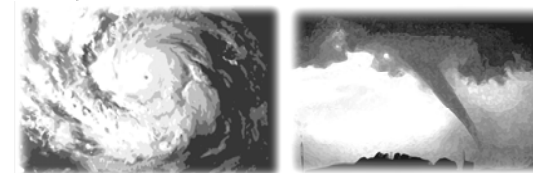


NOAA Weather Radio RF Coverage

July 2017



NOAA/PA 94062
Rev July 2017



The Voice of NOAA's National Weather Service

< Over 1000 Transmitters >

Broadcasting Continuous Weather Information on the Following Frequencies:

- 162.400 MHz
- 162.425 MHz
- 162.450 MHz
- 162.475 MHz
- 162.500 MHz
- 162.525 MHz
- 162.550 MHz

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service

<http://www.weather.gov/nwr/>

NOAA WEATHER RADIO

The Voice of NOAA's National Weather Service

<http://www.weather.gov/nwr>

NOAA Weather Radio is a service of the National Oceanic and Atmospheric Administration (NOAA) of the U.S. Department of Commerce. As the "voice of the National Weather Service," it provides continuous broadcasts (24 hours a day) of the latest weather information from local National Weather Service offices. Weather messages are repeated every 4 to 6 minutes and are routinely updated every 1 to 6 hours or more frequently in rapidly changing local weather or if a nearby natural hazardous or manmade condition exists.



The regular broadcasts are specifically tailored to weather information needs of the people within the service area of the transmitter. For example, in addition to general weather information, stations in coastal areas provide information of interest to mariners. Other specialized information, such as hydrological forecasts and other climate data may be broadcast.

During severe weather, National Weather Service

forecasters can interrupt the routine weather broadcasts and insert special warning messages concerning imminent threats to life and property. The forecaster can also add special signals to warnings that trigger "alerting" features of specially equipped receivers. In the simplest case, this signal activates audible or visual alarms, indicating that an emergency condition exists within the broadcast areas of the station being monitored, and alerts the listener to turn up the volume and stay tuned for more information. More sophisticated receivers are automatically turned on and set to an audible volume when an alert is received.

In the most sophisticated alerting system, NOAA Weather Radio Specific Area Message Encoding (SAME), digital coding is employed to activate only those special receivers programmed for specific emergency conditions in specific area, typically a county. SAME can activate specially equipped radio and cable television receivers and provide a short text message that identifies the location and type of emergency. SAME is the primary activator for the FCC Emergency Alert System (EAS).

To program NWR SAME receivers with the proper county(s) and marine area(s) of choice, you need to know the 6-digit SAME code number(s) for that county(s). Once you have your code number(s), follow the manufacturer's directions for programming your NWR SAME receiver. You can obtain your SAME code numbers by dialing:

888-NWR-SAME (888-697-7263) – Voice & TTY/TTD Accessible

Under a January 1975 White House policy statement, NOAA Weather Radio was designated the sole Government-operated radio system to provide direct warning into private homes for both

San Juan	162.400
RHODE ISLAND	
Providence	162.400
SOUTH CAROLINA	
Aiken	162.450
Aynor	162.400
Barnwell	162.500
Beaufort	162.450
Charleston	162.550
Cheraw	162.450
Columbia	162.400
Cross	162.475
Florence	162.550
Georgetown	162.500
Greenville	162.550
Jasper County	162.400
Kirksey	162.425
Orangeburg	162.525
Rock Hill	162.425
Sumter	162.425

SOUTH DAKOTA	
Aberdeen	162.475
Arlington	162.525
Faith	162.475
Firesteel	162.425
Hot Springs	162.425
Lead	162.525
Lowry	162.500
Mitchell	162.450
Philip	162.450
Pickstown	162.425
Pierre	162.400
Porcupine	162.500
Rapid City	162.550
Reliance	162.525
Sioux Falls	162.400
South Shore	162.425
Wessington	162.550
White River	162.550

TENNESSEE	
Bristol	162.550
Centerville	162.450
Chattanooga	162.550
Clarksville	162.500
Clifton	162.500
Cookeville	162.400
Dyersburg	162.500
Hickman	162.500
Jackson	162.550
Knoxville	162.475
La Follette	162.450
Lafayette	162.525
Lawrenceburg	162.425
Lobelville	162.525
Memphis	162.475
Nashville	162.550
Shelbyville	162.475
Spencer	162.450
Vale	162.450
Waverly	162.400
Winchester	162.525

TEXAS	
Abilene	162.400
Alpine	162.550
Amarillo	162.550
Austin	162.400
Bay City	162.425
Beaumont	162.475

Big Spring	162.475
Borger	162.400
Brownsville	162.550
Bryan	162.550
Burkeville	162.425
Carrizo Springs	162.550
Center	162.525
Childress	162.525
Cisco	162.500
Coleman	162.475
Corpus Christi	162.550
Corsicana	162.525
Cumby	162.500
Dallas	162.400
Del Rio	162.400
D'Hanis	162.525
Dickens	162.500
Dilley	162.500
El Paso	162.475
El Paso Spanish	162.550
Fort Worth	162.550
Galveston	162.550
Gilmer	162.425
Gonzales	162.525
Guadalupe Mt Nat'l. Park	162.525
Junction	162.475
Kerrville	162.450
La Grange	162.500
Laredo	162.550
Llano	162.425
Lubbock	162.400
Lufkin	162.550
Marietta	162.525
Miami	162.450
Midland/Odessa	162.400
Milano	162.525
Mineral Wells	162.525
Muenster	162.425
New Taiton	162.450
Onalaska	162.500
Ozona	162.500
Palestine	162.450
Paris	162.550
Pecos	162.450
Perryton	162.475
Pharr	162.400
Pharr Spanish	162.475
Plainview	162.450
Port O'Connor	162.475
Richland Springs	162.525
Richmond	162.475
Rio Grande City	162.425
Riviera	162.525
San Angelo	162.550
San Antonio	162.550
Seguin	162.475
Seminole	162.425
Sherman	162.475
Stephenville	162.450
Summerfield	162.500
Sweetwater	162.425
Texarkana	162.550
Three Rivers	162.450
Throckmorton	162.425
Tomball	162.400
Tyler	162.475
Uvalde	162.425
Victoria	162.400
Waco	162.475
Wichita Falls	162.475

UTAH	
Bear Lake	162.500

Castle Dale	162.500
Coalville/ Park City	162.475
Escalante	162.425
Lake Powell	162.550
Logan	162.400
Manti	162.425
Milford/Cedar City	162.400
Moab	162.475
Monticello	162.450
Salt Lake City	162.550
St. George	162.475
Tabiona	162.550
Tooele (South Mountain)	162.450
Tooele (Vernon Hills)	162.525
Vernal	162.400
Wendover	162.475

VERMONT	
Burlington	162.400
Castleton	162.500
Marlboro	162.425
St. Johnsbury	162.425
Windsor	162.475

VIRGIN ISLANDS	
St. Croix	162.500

VIRGINIA	
Accomack	162.525
Covesville	162.450
Fredericksburg	162.425
Heathsville	162.400
Lynchburg	162.550
Manassas	162.550
Norfolk	162.550
Richlands	162.425
Richmond	162.475
Roanoke	162.475
Sand Mtn	162.450
South Boston	162.525

WASHINGTON	
Astoria	162.400
Capitol Peak	162.475
Cle Elum	162.400
Davis Peak	162.525
Dayton	162.525
Forks	162.425
H Street - Blaine Area	162.525
Neah Bay	162.550
Okanogan	162.525
Plymouth	162.425
Puget Sound Marine	162.425
Randle	162.425
Richland	162.450
Seattle	162.550
Spokane	162.400
Wenatchee	162.475
Yakima	162.550

WEST VIRGINIA	
Backbone Mountain	162.450
Beckley	162.550
Charleston	162.400
Clarksburg	162.550

Garfield	162.500
Gilbert	162.475
Greggs Knob	162.500
Hinton	162.425
Monteville	162.525
Moorefield	162.400
Morgantown	162.475
Sutton	162.450

WISCONSIN	
Ashland	162.525
Baraboo	162.450
Black River Falls	162.500
Coloma	162.400
Crandon	162.450
Dubuque	162.400
Fond Du Lac	162.500
Green Bay	162.550
Gresham	162.500
Janesville	162.425
Ladysmith	162.550
Madison	162.550
Menomonie	162.400
Milwaukee	162.400
New London	162.525
Park Falls	162.500
Prairie Du Chien	162.500
Racine	162.450
Rhineland	162.400
Richland Center	162.475
Sheboygan	162.525
Sister Bay	162.425
Spooner	162.475
Tomah	162.525
Wausau	162.475
Wausaukee	162.400
Winona	162.425
Withee	162.425

WYOMING	
Afton	162.475
Casper	162.400
Cheyenne	162.550
Cody	162.400
Dubois	162.450
Elk Plaza	162.425
Evanston	162.450
Gillette	162.500
Glendo	162.450
Grant Village	162.450
Jackson	162.525
Kaycee	162.550
Kemmerer	162.525
Lander	162.475
Newcastle	162.475
Pinedale	162.500
Rawlins	162.425
Rock Springs	162.550
Sheridan	162.475
Thermopolis	162.500
Worland	162.525

As of April, 2017 NOAA is operating 1029 stations across the United States and its territories.

The National Weather Service requests your assistance in reporting any outages of NOAA Weather Broadcast Stations.

Please use our Toll Free Number (888) 697-7263 or send an Email to nwroutage@noaa.gov to report the outage.

Doniphan.....	162.450
El Dorado Springs.....	162.475
Eldon.....	162.550
Fredericktown.....	162.500
Gainesville.....	162.425
Hannibal.....	162.475
Hermitage.....	162.450
Jamestown.....	162.425
Joplin.....	162.550
Kansas City.....	162.550
La Plata.....	162.525
Lancaster.....	162.550
Maryville.....	162.425
Medill.....	162.450
Neosho.....	162.450
Piedmont.....	162.425
Springfield.....	162.400
St. Louis.....	162.550
Summersville.....	162.475
Trenton.....	162.500
Wardell.....	162.525
West Plains.....	162.525

MONTANA	
Baker.....	162.550
Belgian Hill.....	162.500
Billings.....	162.550
Bozeman.....	162.500
Broadus.....	162.425
Browning.....	162.525
Butte.....	162.550
Circle.....	162.550
Dillon.....	162.475
Ekalaka.....	162.475
Forsyth.....	162.525
Glasgow.....	162.400
Glendive.....	162.475
Glentana.....	162.525
Great Falls.....	162.550
Hardin.....	162.450
Havre.....	162.400
Helena.....	162.400
Jordan.....	162.500
Kalispell.....	162.550
Lewistown.....	162.500
Livingston.....	162.525
Malta.....	162.475
Miles City.....	162.400
Missoula.....	162.400
Plentywood.....	162.475
Poplar.....	162.425
Ryegate.....	162.450
Scobey.....	162.450
Wibaux.....	162.500
Winnett.....	162.400

NEVADA	
Battle Mtn.....	162.425
Bullhead City.....	162.500
Elko.....	162.550
Ely.....	162.400
Eureka.....	162.550
Fernley.....	162.450
Hawthorne.....	162.475
Jackpot.....	162.500
Las Vegas.....	162.550
Las Vegas.....	162.450
Pahrump.....	162.400
Reno.....	162.550
Tonopah.....	162.400
Winnemucca.....	162.400

NEW HAMPSHIRE	
Clarksville.....	162.400
Concord.....	162.400
Deerfield.....	162.450
Hanover.....	162.525
Holderness.....	162.550
Mt. Washington.....	162.500
Pack Monadnock.....	162.525

NEW JERSEY	
Atlantic City.....	162.400
Hardyston.....	162.500
Southard.....	162.450

NEW MEXICO	
Albuquerque.....	162.400
Artesia.....	162.425
Carlsbad.....	162.475
Des Moines.....	162.550
Farmington.....	162.475
Hobbs.....	162.400
Las Cruces.....	162.400
Portales.....	162.475
Roswell.....	162.450
Ruidoso.....	162.550
Santa Fe.....	162.550
Silver City.....	162.425

NEW YORK	
Albany.....	162.550
Binghamton.....	162.475
Buffalo.....	162.550
Call Hill.....	162.425
Cattaraugus.....	162.425
Cooperstown.....	162.450
Elmira.....	162.400
Frewsburg.....	162.525
Gore Mtn.....	162.450
Highland.....	162.475
Ithaca.....	162.500
Lyons.....	162.475
Middleville.....	162.425
Mt. Washington.....	162.450
New York City.....	162.550
Norwich.....	162.525
Riverhead.....	162.475
Rochester.....	162.400

NEBRASKA	
Albion.....	162.500
Bassett.....	162.475
Beatrice.....	162.450
Cambridge.....	162.525
Chadron.....	162.525
Columbus.....	162.450
Grand Island.....	162.400
Holdrege.....	162.475
Lexington.....	162.425
Lincoln.....	162.475
Merna.....	162.500
Merriman.....	162.400
Mullen.....	162.425
Norfolk.....	162.550
North Platte.....	162.550
Omaha.....	162.400

Ord.....	162.525
Oskosh.....	162.525
Scottsbluff.....	162.475
Shubert.....	162.500
Sidney.....	162.500
Superior.....	162.525
Trenton.....	162.500
Valentine.....	162.450
Yankton.....	162.500

NORTH CAROLINA	
Asheville.....	162.400
Buck Mountain.....	162.500
Cape Hatteras.....	162.475
Chapel Hill.....	162.550
Charlotte.....	162.475
Ellerbe.....	162.400
Garner.....	162.450
Henderson.....	162.500
Linville.....	162.450
Mamie.....	162.425
Margarettsville.....	162.450
Mooresville.....	162.525
Mount Jefferson.....	162.500
New Bern.....	162.400
Robbinsville.....	162.525
Rocky Mount.....	162.475
Saint Pauls.....	162.475
Warsaw.....	162.425
Windsor.....	162.525
Winnabow.....	162.550
Winston-Salem.....	162.400

NORTH DAKOTA	
Bismarck.....	162.475
Cavalier.....	162.450
Dickinson.....	162.400
Fargo.....	162.475
Fort Ransom.....	162.525
Grand Forks.....	162.475
Jamestown.....	162.550
Langdon.....	162.500
Minot.....	162.400
New Town.....	162.525
Petersburg.....	162.400
Rolla.....	162.475
Scranton.....	162.525
Sheyenne.....	162.525
Steele.....	162.400
Webster.....	162.425
Williston.....	162.550
Willow City.....	162.450

NORTHERN MARIANA ISLANDS	
Saipan.....	162.550

OHIO	
Akron.....	162.400
Athens.....	162.425
Bridgeport.....	162.525
Carey.....	162.525
Chillicothe.....	162.500
Cleveland.....	162.550
Columbus.....	162.550
Dayton.....	162.475
Grafton.....	162.500
Gore Hill.....	162.475
Lima.....	162.400
Mansfield.....	162.450
Marietta.....	162.400
New Philadelphia.....	162.425
Otway.....	162.525
Sandusky.....	162.400
Toledo.....	162.500
Youngstown.....	162.500

OKLAHOMA	
Altus.....	162.425
Antlers.....	162.400
Ardmore.....	162.525
Atoka.....	162.500
Bartlesville.....	162.425
Broken Bow.....	162.450
Chickasha.....	162.450
Clinton.....	162.525
Enid.....	162.475
Grove.....	162.525
Guymon.....	162.500
Lawton.....	162.550
McAlester.....	162.475
Oklahoma City.....	162.400
Oktaha.....	162.525
Ponca City.....	162.450
Stillwater.....	162.500
Tulsa.....	162.550
Wewoka.....	162.550
Woodward.....	162.500

OREGON	
Bend/Redmond.....	162.500
Brookings.....	162.550
Burns Butte.....	162.475
Cape Blanco.....	162.425
Carney Butte.....	162.475
Coos Bay.....	162.400
Eugene.....	162.400
Florence.....	162.500
Fossil.....	162.550
Hepner.....	162.425
John Day.....	162.500
Klamath Falls.....	162.550
Medford.....	162.400
Mt Hebo.....	162.525
Mt. Ashland.....	162.475
Neahkahnie.....	162.425
Newport.....	162.550
Portland.....	162.550
Reedsport.....	162.525
Roseburg.....	162.550
Salem.....	162.475
Spout Springs.....	162.400
The Dalles.....	162.400
Tillamook.....	162.475

PENNSYLVANIA	
Allentown.....	162.400
Altoona.....	162.425
Clearfield.....	162.550
Coudersport.....	162.500
Erie.....	162.400
Harrisburg.....	162.550
Hibernia Park.....	162.425
Honesdale.....	162.450
Huntingdon.....	162.525
Johnstown.....	162.400
Meadville.....	162.475
Parker.....	162.425
Philadelphia.....	162.475
Pittsburgh.....	162.550
Reynoldsville.....	162.500
State College.....	162.475
Towanda.....	162.525
Warren.....	162.450
Wellsboro.....	162.475
Wilkes-Barre.....	162.550
Williamsport.....	162.400

PUERTO RICO	
Maricao.....	162.550

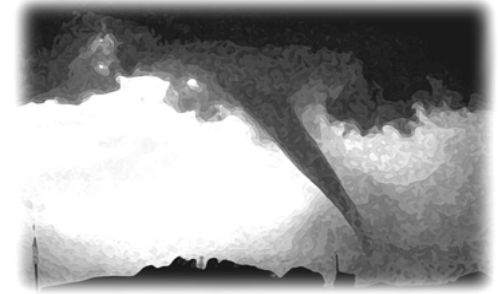
natural disasters and nuclear attack. This concept has been expanded to include warnings for all hazardous conditions that pose a threat to life and safety, both at a local and national level. As a result, NOAA Weather Radio is being better integrated with other National Weather Service systems to provide state and local emergency managers and other warning providers better access to local weather forecast offices, allowing hazard warnings of all types to be broadcast on NOAA Weather Radio within seconds

NOAA Weather Radio currently broadcasts from 1029 stations in fifty states, Puerto Rico, the U.S. Virgin Islands, American Samoa, Guam, and Saipan on seven frequencies in the VHF band, ranging from 162.400 to 162.550 megahertz (MHz). These frequencies are outside the normal AM or FM broadcast bands.

Special radios that receive only NOAA Weather Radio, both with and without special alerting features, are available from numerous manufacturers. In addition, other manufacturers are including NWR capability in a variety of receivers. NOAA Weather Radio capability is currently available on automobile, aircraft, marine, citizens band, and standard AM/FM radios as well as communications receivers, transceivers, scanners, and cable TV.

By nature and design, NOAA Weather Radio coverage is limited to an area within 40 miles of the transmitter. The quality of reception is dictated by transmitter distance, local terrain, and the quality and location of the receiver. In general, those using a high quality receiver on flat terrain or at sea can expect reliable reception beyond 40 miles. Those with standard receivers, surrounded by large buildings in cities and those in mountain valleys may experience little or no reception at considerably less than 40 miles. If possible, a receiver should be tested in the location where it will be used prior to purchase.

NOAA Weather Radio is directly available to a large portion of the U.S. population. The National Weather Service is currently engaged in a program to increase coverage to at least 95 percent of the population.



If you have a question regarding the technical aspects of NOAA Weather Radio such as transmitter location, reception, and characteristics or if you are interested in becoming a partner with the National Weather Service to identify or provide local funding and/or facilities for the installation of a NOAA Weather Radio transmitter, please contact your local National Weather Service Office or send a letter to:

National Weather Service
 Attn: Dissemination Systems Branch, W/OPS17
 1325 East-West Highway
 Silver Spring, MD 20910

