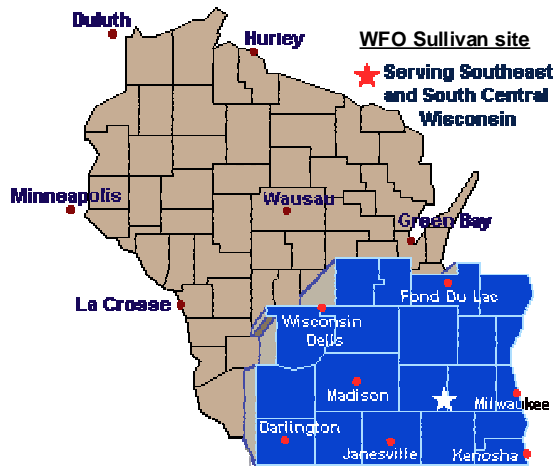


The NWS Milwaukee/Sullivan, Wisconsin office issues severe weather watches and warnings, and public forecasts, for 20 counties in south central and southeast Wisconsin, which comprise our County Warning Area. In addition, aviation, marine, fire weather and hydrology forecasts are also issued.

Our office is located about 30 miles west of Milwaukee, and about 45 miles east of Madison, in the township of Sullivan in far eastern Jefferson County. See the map below for our location, along with the counties that we serve:



Weather Definitions

Watch: The WFO issues a watch when conditions become favorable for the development of severe summer and winter weather. Stay alert to changing weather conditions, and listen for later forecasts and possible warnings. Examples of weather watches issued are: Tornado, Severe Thunderstorm, Flash Flood, Winter Storm and High Wind.

Warning: The WFO issues a warning when severe summer or winter weather is occurring, or is imminent. Take immediate action to protect yourself and loved ones! A warning means that loss of life or property is likely. Examples of the weather warnings issued are: Tornado, Severe Thunderstorm, Flash Flood, Winter Storm and High Wind.

Website Addresses

WFO Milwaukee/Sullivan, Wisconsin

www.weather.gov/milwaukee

Local public, marine, aviation, fire weather and hydrology warnings/forecasts, climate data, educational information, etc. Find everything you need through our internet weather links.

Questions and comments about the Milwaukee/Sullivan, Wisconsin Weather Forecast Office products and services can be e-mailed to:

w-mkx.webmaster@noaa.gov

National Weather Service Main Site

www.weather.gov

Access to all NWS weather forecasts, warnings, observations, climate data, national centers and international connections.

NWS Weather Awareness Resource

www.weather.gov/om

NWS Office of Climate, Water, and Weather Services. Includes preparedness, outreach, statistics, publications, and educational information.

NWS Great Lakes Weather

Information

www.weather.gov/greatlakes

Access to all NWS warning, forecast and observational information for the Great Lakes.

WFO Milwaukee/Sullivan, Wisconsin

Storm Spotter Site

www.weather.gov/mkx/?n=spotters

Information on severe weather, storm spotting, and how to become a storm spotter.

U. S. Department of Commerce
National Oceanic & Atmospheric
Administration

**National Weather Service
Milwaukee/Sullivan, Wisconsin
Weather Forecast Office**



Our Main Mission:

Deliver quality, effective and timely warnings and forecasts for south central and southeast Wisconsin, and the adjacent waters of Lake Michigan, for the protection of life and property.

www.weather.gov/milwaukee



The National Weather Service (NWS) is a U.S. Federal Government agency operating under the National Oceanic and Atmospheric Administration, within the Department of Commerce.

- ▶ Our Headquarters is in Washington D.C.
- ▶ There are 6 Regional Offices and 122 field Weather Forecast Offices (WFO) across the country.
- ▶ Each WFO services a geographical area or County Warning Area (CWA), and is open 24 hours a day, 7 days a week.
- ▶ Thirteen River Forecast Centers are co-located at WFOs.

The NWS collects surface and atmospheric weather observational data that provide input for complex 3-D mathematical computer models of the atmosphere. Model output in the form of graphics and numerical forecast guidance serve as a basis for NWS forecasts and warnings. All observations, model output, and NWS forecasts and warnings are made available, at no cost, to the general public.

The NWS provides weather products and services in 4 major areas:

- 1) Official severe weather watches and warnings,
- 2) Forecasts and surface/ upper air observations,
- 3) Hydrologic forecasts and warnings for rivers,
- 4) Climate data/forecasts on a daily to yearly scale.

NWS data and products form a national informational database infrastructure, which can be used by other government agencies, the media, the private sector, and the general public.

WFO Milwaukee/Sullivan Staffing

- Meteorologist In Charge
- Administrative Support Assistant
- Warning Coordination Meteorologist
- Science and Operations Officer
- Electronics Systems Administrator
- Information Technology Officer
- Data Acquisition Program Manager
- Service Hydrologist
- 5 Senior Forecasters
- 4 General Forecasters
- 4 Meteorologist Interns
- 2 Electronics Technicians

WFO Milwaukee/Sullivan, Wisconsin Office Programs



Public – We provide routine public forecasts in both graphical and text format, which are seven day forecasts for all locations in our forecast area.



Aviation – We provide routine aviation forecasts, called Terminal Aerodrome Forecasts, or TAFs, for airports. The airports that we issue TAFs for are Milwaukee, Madison, Kenosha and Waukesha. These forecasts are for 24 hours to 30 hours, and describe wind, weather, visibility and sky cover at each location.



Marine – We provide routine marine forecasts for the nearshore waters of Lake Michigan, to five nautical miles out from shore. These forecasts are 48 hour forecasts of the expected winds, weather and wave heights across the nearshore waters. Warnings are also issued during times of severe weather.



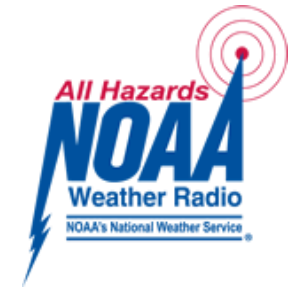
Fire Weather – We provide routine fire weather forecasts for all locations in our forecast area during the fire weather season (generally early spring to late autumn). We provide a fire weather planning forecast for federal and state agencies, which includes forecasts of meteorological parameters that are significant to wildland fire mitigation. We also provide point and spot forecasts upon request for these users.



Hydrology – We provide routine monitoring of area river stages year round, and produce flood warnings and follow up statements during times of flooding.



Climate – We provide routine collection and monitoring of temperature, precipitation and snowfall data for numerous locations in our forecast area. We provide observations, normals and records data for the Milwaukee and Madison airports. We also collect and distribute observations for other automated airport sites and cooperative observers in our forecast area.



NOAA Weather Radio All Hazards

NOAA Weather Radio All Hazards (NWR) is the best way to receive up-to-the-minute weather forecasts and warnings from the Milwaukee/Sullivan and other WFO offices, including non-weather related emergency messages.

There are seven NWR All Hazards transmitters in our forecast area:

<u>Site</u>	<u>Frequency</u>
KEC-60 Milwaukee	162.400 MHz
WXJ-87 Madison	162.550 MHz
WWG-87 Fond du Lac	162.500 MHz
WWG-91 Sheboygan	162.525 MHz
WWG-90 Janesville	162.425 MHz
KZZ-76 Racine	162.450 MHz
KHA-47 Baraboo	162.450 MHz

NWR All Hazards broadcasts routine forecasts and observations at all times. Each transmitter broadcasts within a 20 to 40 mile radius of the transmitter site, depending on transmitter power. Signal strength will vary depending on terrain, and the radio receiver age, type, and location.

During severe weather conditions, NWR is the most direct link to severe weather forecasts and warning information from the NWS. A special electronic tone is broadcast to activate alarms in specially built receivers (not an AM or FM signal).

This alarm alerts you to the fact that severe weather information will follow - something that may save your life! These special radio receivers are available at many stores, and make ideal gifts!