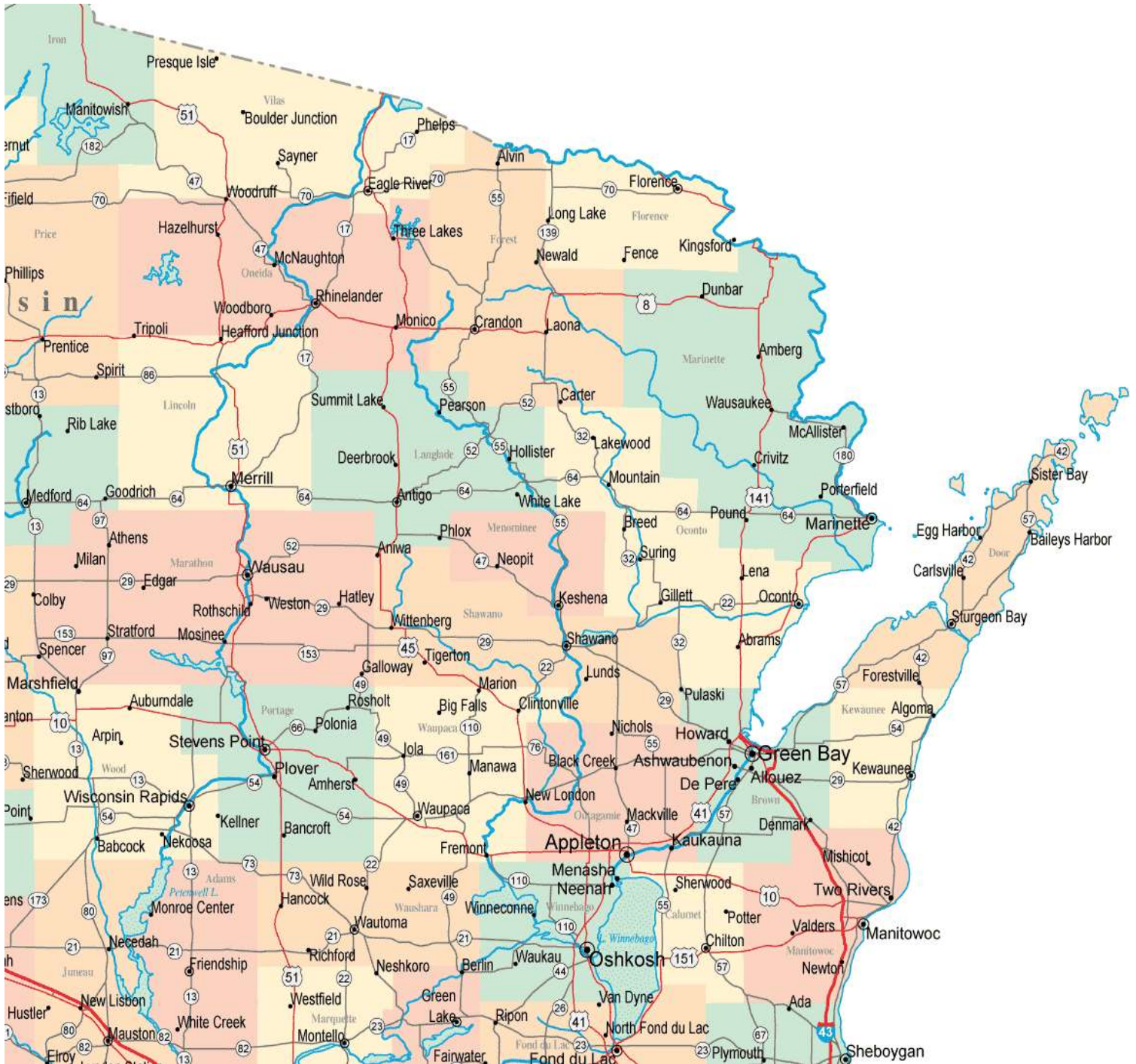


F/EF4 TORNADO & WATERSPOUT GUIDE (1950-2023)

FOR NORTH-CENTRAL AND NORTHEAST WISCONSIN

Updated: 1/1/24



F/EF4 TORNADO & WATERSPOUT GUIDE (1950-2023)

FOR NORTH-CENTRAL AND NORTHEAST WISCONSIN

BROWN

MENOMINEE

CALUMET

OCONTO

DOOR

ONEIDA

FOREST

OUTAGAMIE

FLORENCE

PORTAGE

KEWAUNEE

SHAWANO

LANGLADE

VILAS

LINCOLN

WAUPACA

MANITOWOC

WAUSHARA

MARATHON

WINNEBAGO

MARINETTE

WOOD

F/EF4 TORNADO & WATERSPOUT REFERENCE GUIDE

GREEN BAY FORECAST AREA TORNADOES

Event	Date			Time		TOR in GRB Service Area
#	Month	Day	Year	(CST)	Start / End Location	County or Counties
1	6	25	1950	21:00	1 W Woodboro - 5 NE Rhineland	Oneida
2	9	26	1951	15:45-16:08	9 SSW Amherst - 2 SW Bear Creek	Portage - Waupaca
3	4	3	1956	13:45-13:53	Berlin - 2 W Omro	Waushara - Winnebago
4	8	19	1968	16:10	3 SW Pound - Marinette	Marinette
5	4	21	1974	14:40-15:08	5 S Ripon - Oshkosh	Winnebago
6	4	27	1984	15:20-15:40	1 NE Winneconne - Freedom	Winnebago - Outagamie
7	7	5	1994	15:43-15:55	2.5 NW Maribel - 0.5 W Cooperstown	Manitowoc

F/EF4 TORNADO & WATERSPOUT REFERENCE GUIDE

Event 1: June 25, 1950

The F4 tornado touched down one mile west of Woodboro in Oneida County around 9 PM CST and traveled 13.1 miles to five miles northeast of Rhinelander. The tornado reached a maximum width of 880 yards. Two deaths were reported in Oneida County.

Event 2: September 26, 1951

The F4 tornado touched down 9 miles south southwest of Amherst in Portage County around 3:45 PM CST. The tornado then cut through the towns of Waupaca and Lebanon in Waupaca County. The tornado traveled 22.3 miles and reached a maximum width of 400 yards before dissipating 2 miles southwest of Bear Creek in Waupaca County around 408 PM CST. A family of five was killed near Waupaca while a 40 year old woman was killed near New London when a farm home was flattened.

Event 3: April 3, 1956

Unseasonably warm air ahead of a strong cold front triggered showers and thunderstorms across the state. The F4 tornado developed near Berlin in Green Lake County around 1:45 PM CST and traveled 11.5 miles across rural areas of southeast Waushara County near the town of Aurora; then dissipated around 1:53 PM CST two miles west of Omro in Winnebago County. The tornado was 440 yards wide. Berlin was hit the hardest with six killed and 50 injured. Severe storms killed eight people across the state on this day.

Event 4: August 19, 1968

The funnel was first observed at about 4 PM CST near Breed but remained aloft until three miles southwest of Pound in Marinette County. The F4 tornado developed 3 miles southwest of Pound around 4:10 PM CST and traveled nearly 22 miles before dissipating in Marinette. The tornado moved east about 3 miles south of Highway 53, destroying farms near Pound and again just south of Marinette. Large hail three inches in diameter fell north of the tornado track. Two elderly brothers, John and Cecil Maloney were fatally injured as their farmhouse near Pound blew apart. A third brother James, who was in bed when the winds struck was found on some bed springs in a nearby cornfield. He was hospitalized in satisfactory condition. Two more people were injured at Marinette when the tornado struck near the airport. Nearly twenty counties were included in a series of thunderstorm warnings issued by the Weather Bureau.

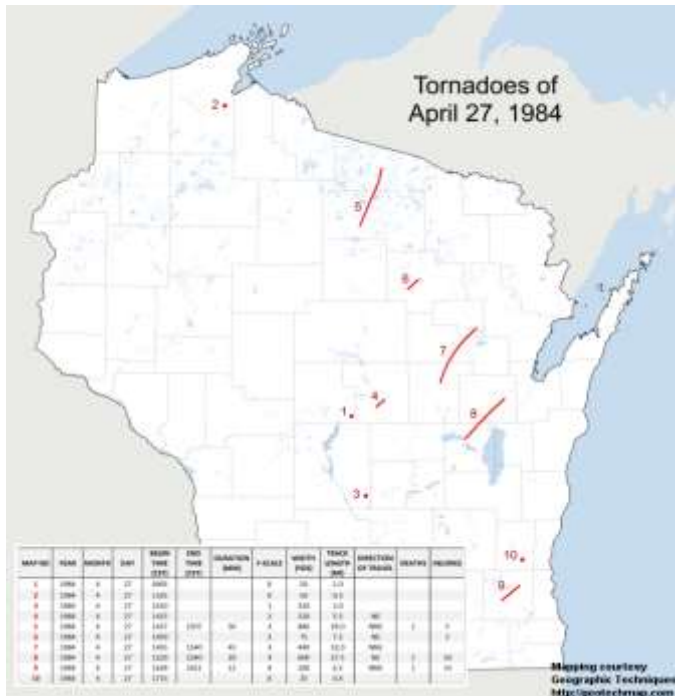
Event 5: April 21, 1974

The F4 tornado first touched down 5 miles south of Ripon in Fond Du Lac County at about 2:40 PM CST. The tornado destroyed or severely damaged buildings on about 30 farms before approaching southwest Oshkosh at 2:58 PM CST. The tornado lifted 10 minutes later over northwest Oshkosh. The tornado traveled 26 miles and reached a maximum width of 200 yards. At Oshkosh, the tornado damaged 400 homes and business with 33 of the houses destroyed. Damage was estimated at 4.2 million dollars. In Oshkosh, thirty-five people were treated for injuries with only ten people injured seriously enough to be hospitalized.

F/EF4 TORNADO & WATERSPOUT REFERENCE GUIDE

Event 6: April 27, 1984

The article for this date was written by Scott Cultice, forecaster at the National Weather Service in Green Bay. During the late afternoon of April 27, 1984, multiple super cell thunderstorms developed ahead of a strong cold front that moved across Wisconsin. Ten tornadoes were reported across the state, including three killer tornadoes: Tornadoes were reported in northern Wisconsin near St. Germain, one west of Appleton, and the third in southeast Wisconsin in Waukesha County. This outbreak of killer tornadoes was one of the bigger outbreaks in northeast Wisconsin since accurate tornado records began in 1950.



The Fox Valley Tornado - Continued

Around 3:20 PM CST, a tornado formed near the town of Butte des Morts in northern Winnebago County and quickly intensified into a destructive tornado. The violent storm moved northeast across the town of Clayton, killing one person, and destroying many houses. The tornado continued to track northeast toward the northwest side of the city of Appleton. By about 3:40 PM CST, the tornado wreaked havoc across the western edge of the Outagamie County Airport and near the town of Greenville. The tornado finally dissipated near Freedom.

An estimated two dozen homes were destroyed and many more were damaged across the Fox Valley that afternoon. The storm killed one person and injured 19 more. Total cost of the destruction over the Fox Valley was \$2.5 million (\$15 million in today's dollars). The tornado traveled on the ground at about 40 mph and, for a short time, was over one quarter mile wide. The twister was on the ground for over 27 miles. It was classified as an F4 tornado, now referred to as an EF4 on today's Enhanced Fujita Scale (wind speeds of 166-200 mph).

Other tornadoes on April 27, 1984 across NE Wisconsin

In addition to the Fox Valley tornado, five other tornadoes were reported across central and northeast Wisconsin that day. An F3 tornado, with winds estimated near 140 mph, tore through Oneida and Vilas counties, killing one person south of St. Germain and injuring eight others. Another F3 tornado was reported across Waupaca, Shawano, and Menominee counties causing considerable damage. Other tornados were observed over Wood, Portage, and Langlade counties.



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Event 7: July 5, 1994

The powerful F4 tornado cut a short but devastating path in northern Manitowoc County from two and a half miles northwest of Maribel around 3:43 PM CST to a half mile west of Cooperstown before dissipating around 3:55 PM CST. A second small tornado also developed two miles southwest of Cooperstown and carved out a minor damage path leveling a shed and tossing a grain box 300 yards. Much of the \$2.1 million in damages was inflicted by the first tornado. The tornado damaged 26 homes, 19 vehicles and one mobile home. Four heifers and two sheep were also killed. One man was injured when he was struck by a 55 gallon-drum while a woman suffered minor injuries when pieces of a stone foundation fell on her. The tornado traveled three and a half miles and reached 150 yards in diameter.