

## Storm Data and Unusual Weather Phenomena - November 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### WISCONSIN, Southeast

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z056) SAUK, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA	11/05/07 11:00 CST		96K	Strong Wind (MAX 47 kt)
	11/05/07 17:00 CST		0	

Strong, post-cold-frontal, northwest winds gusting to 39 to 47 knots (45 to 54 mph) raked south-central and southeast Wisconsin during the daylight hours. They were accompanied by scattered rain/ice pellet/snow showers that briefly lowered visibilities to 1/2 to 1 mile. The media noted that wind-broken limbs fell on power-lines. Scattered power outages were the result. Additionally, about a dozen vehicles were damaged by the broken limbs. The strongest gusts were 47 knots (54 mph) at St. Roberts School in Milwaukee County (WITI TV-6 school network site), and 45 knots (52 mph) at Milwaukee Mitchell Field. Many of the strongest gusts occurred between 1100CST and 1400CST. Synoptically, a strong low pressure moved east across Lake Superior to Lake Huron while the trailing cold front swept southeast through Wisconsin.

(WI-Z062) IOWA, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN	11/19/07 08:00 CST		0	Dense Fog
	11/19/07 18:00 CST		0	

Moist, low-level winds ahead of a developing Dakotas low pressure allowed dense fog to develop. Dewpoints were in the upper 30s to lower 40s. Visibilities dropped to 1/8 to 1/4 mile over Washington, Iowa, Lafayette, and Green Counties. The media noted a few vehicle accidents, and some local airplane flights were postponed or cancelled. Over the remainder of south-central and southeast Wisconsin visibilities dropped only to 1/2 to 1 mile.

(WI-Z056) SAUK, (WI-Z059) WASHINGTON, (WI-Z063) DANE	11/20/07 04:00 CST		0	Dense Fog
	11/20/07 08:30 CST		0	

A moist, low-level flow ahead of a Dakotas low pressure allowed dense fog to develop over Sauk, Washington and Dane Counties. Dewpoints started off in the 40s but dropped into the 30s as the low pressure moved east along the Wisconsin-Illinois border to southern Lake Michigan. Visibilities dropped to 1/8 to 1/4 mile. Some airplane flights were delayed or cancelled. The media noted a few vehicle accidents. Over the remainder of south-central and southeast Wisconsin visibilities dropped only to 1/2 to 1 mile.

(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z057) COLUMBIA, (WI-Z058) DODGE, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA	11/21/07 15:00 CST		0	Winter Weather
	11/21/07 23:45 CST		0	

The first widespread snow event of the 2007-08 winter season affected south-central and southeast Wisconsin on November 21st. Snow accumulations were in the 1 to 3 inch range. Media reports indicated that dozens vehicle accidents occurred. Temperatures were in the upper 20s to lower 30s and the snowflakes were large and moist. Maximum accumulations included 3 inches in southern Sheboygan County, northeastern Washington County, and from north of Elkhorn in Walworth County to central Waukesha County. Otherwise the remainder of south-central and southeast Wisconsin had 1 to 2.5 inches. Initially, the precipitation started off as rain, but changed over to snow between 1600CST and 1700CST west of Madison and between 1800CST and 1900CST in the Sheboygan to Kenosha area. Synoptically, a strong, upper-level short wave trough moving from Colorado to Illinois was responsible for the snow. Additionally, southern Wisconsin was under the right-rear quadrant of a 140 knot jet streak over the Great Lakes region. This is a favored region of lift/upward vertical motion.

(WI-Z051) FOND DU LAC, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE	11/27/07 06:00 CST		9K	Strong Wind (MAX 43 kt)
	11/27/07 09:00 CST		0	

Strong, west to northwest winds behind a cold front gusted to 39 to 43 knots (45 to 49 mph) over three counties of southeastern Wisconsin. The maximum measured gust was 43 knots (49 mph) in St. Peter of the Town of Taycheedah, east of Fond du Lac. The media noted some scattered reports of broken tree limbs and power outages. Over the remainder of south-central and southeast Wisconsin maximum wind gusts were in the 30 to 38 knot range (35 to 44 mph). Synoptically, a low pressure moved up the Ohio River Valley, and deepened in the process.