

## Storm Data and Unusual Weather Phenomena - February 2009

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

(WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/08/09 23:30 CST	0	Dense Fog
02/09/09 08:00 CST	0	

Light southerly winds ahead of a warm front approaching the western Great Lakes region ahead of low pressure tracking from the Central Plains toward Minnesota brought increasing low-level moisture into Southern Wisconsin during the early morning hours. Portions of Southeast Wisconsin saw visibilities fall to between 1/8 and 1/4 mile between 0100 and 0800CST. Temperatures at or below freezing produced some freezing fog.

(WI-Z052) SHEBOYGAN

02/10/09 05:30 CST	0	Dense Fog
02/10/09 12:00 CST	0	

Warm southeast winds flowing over the relatively cold waters of Lake Michigan produced dense fog over Sheboygan County during the overnight hours. Visibilities were reduced to 1/4 mile.

(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

02/21/09 00:00 CST	0	Winter Storm
02/21/09 17:00 CST	0	

Yet another winter storm affected South-central and Southeast Wisconsin with a combination of snow accumulations of 3 to almost 9 inches, and gusty northeast to northwest winds to 26 knots (30 mph). Blowing snow resulted in snow drifts to 1 to 2 feet in depth in open exposed areas, since the snow didn't have a lot of moisture content. Occasionally, visibilities were reduced to 1/4 to 1/2 mile in open areas. The greatest accumulations were generally north of a Madison to Milwaukee line. Specific snow accumulations include: 8.8 inches in West Bend and Allenton, both in Washington County, 8.7 inches in Waukesha (Waukesha Co.), 8.5 inches in Belgium (Ozaukee Co.), 7.8 inches in Elkhart Lake (Sheboygan Co.), 7.8 inches in West Allis (Milwaukee Co.), 7.4 inches at a location 5 SW Downtown Madison (Dane Co.), 7.4 inches in Lake Mills (Jefferson Co.), an estimated 7 to 8 inches in East-central Dodge County and far southeast Fond du Lac County, 7 inches in Blanchardville (Lafayette Co.), and generally 5 to 6.5 inches over the remainder of the counties listed in this Winter Storm event. However, snow amounts were only 3 to 5 inches in Kenosha County. Media reports indicated that dozens of vehicle accidents and slide-offs occurred. Synoptically, an Alberta-clipper low pressure dropped from the Northern Plains to Northern Missouri where it intensified and then moved through Northern Illinois to Lower Michigan.

(WI-Z060) OZAUKEE, (WI-Z066) MILWAUKEE, (WI-Z071) RACINE, (WI-Z072) KENOSHA

02/26/09 16:00 CST	0	Dense Fog
02/26/09 21:00 CST	0	

Relatively warm...moist air flowing over the cold waters of Lake Michigan produced dense fog along the lakeshore counties of Southeast Wisconsin during the late afternoon and evening hours. Visibilities were reduced to between 1/8 mile and 1/4 mile during the evening rush hour.

(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

02/26/09 22:00 CST	0	Winter Weather
02/27/09 03:00 CST	0	

A mix of snow, freezing rain, sleet, and some rain fell across South-central and Southeast Wisconsin during the overnight hours. Once temperatures dropped from the 32 to 35 degree range down to the 30 to 32 range, a glazing of ice up to 1/8 inch developed on untreated roads surfaces. Media reports indicated that hundreds of vehicle accidents and slide-offs occurred. Vehicle crash responders were overwhelmed and could not immediately respond to some of the accidents. Just after daybreak in the Civil Town of Oakland, southeast of Lake Mills in western Jefferson County, a vehicle slid into another vehicle, resulting in 1 fatality and 1 critical injury (both indirectly-related). West of Lake Mills, a hilly portion of Interstate-94 iced up about 2330CST February 26th, completely preventing west-bound vehicles from making it up the grade. Synoptically, a vigorous low pressure tracked out of the Nebraska area through Northern Illinois and then to the Lake Huron area. Prior to the freezing rain and glazing of road surfaces, showers and thunderstorms left rainfall amounts of around an inch along with some pea-size hail. At a location 5 SW Downtown Madison, an observer measured 1.31 inches of rain.