



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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WISCONSIN, Southeast

Green Lake County

2 N Markesan	08	1330CST			0	0			Funnel Cloud
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Fond Du Lac County

4.7 NNW Eden to 3.6 ESE Fond Du Lac	08	1333CST 1336CST	30	.8	0	0			Tornado (F0)
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A short-lived, weak tornado was videotaped by a storm chaser east-southeast of the city of Fond du Lac up on the ridge locally known as "The Ledge." This tornado spun up on the east side of Rienzi Cemetery, about one-half mile east of the intersection of County Trunk Highway K and Rienzi Rd., and moved north-northeast to just north of the intersection of County Trunk T and Artesian Rd in the vicinity of Taycheedah Creek. Only minor vegetative damage was noted to trees and grasses.

Fond Du Lac County

3 SE Eden	08	1420CST			0	0			Funnel Cloud
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Green Lake County

3 E Kingston	08	1425CST			0	0			Funnel Cloud
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Dodge County

5 S Fox Lake	08	1435CST			0	0			Funnel Cloud
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A cold-core low pressure system from the surface to 30,000 feet above the ground moved southeast through Fond du Lac County to Milwaukee County. The combination of daytime heating, surface dewpoints in the low to mid 60s, and the tight rotation of the low pressure resulted in the development of clusters or short lines of storms. Some of the storms managed to develop a rotating updraft and interacting outflow boundaries which led to the spin up of one tornado over Fond du Lac County. Refer to tornado report for more details. Several funnel clouds were also sighted. Many of the non-severe storms had gusty winds to 35 to 39 knots (40 to 45 mph), small hail, and brief heavy rains of one-half inch. Spotters indicated that cloud bases were low.

Rock County

3 NW Beloit	18	1252CST			0	0			Thunderstorm Wind (EG56)
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Columbia County

Cambria to 4.5 N Fall River	18	1943CST 1953CST			0	0			Thunderstorm Wind (EG50)
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Dodge County

4.7 S Randolph	18	1950CST			0	0			Thunderstorm Wind (EG50)
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Widely scattered marginally-severe thunderstorms popped up over parts of south-central and southeast Wisconsin during a typical summer day. Powerful gusty winds to an estimated 56 knots (65 mph) toppled large trees and some power-lines.

Iowa County

5 SE Highland	25	1305CST			0	0	1K		Thunderstorm Wind (EG61)
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Sauk County

Lake Delton	25	1338CST			0	0			Hail(0.88)
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Sauk County

3 N Baraboo	25	1415CST			0	0			Thunderstorm Wind (EG52)
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Columbia County

1 N Arlington	25	1420CST			0	0			Thunderstorm Wind (EG52)
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Rock County

2 S Evansville	25	1428CST			0	0			Thunderstorm Wind (EG65)
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Columbia County

2 W Friesland	25	1445CST			0	0			Thunderstorm Wind (EG52)
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Dane County

Stoughton	25	1448CST			0	0			Thunderstorm Wind (EG52)
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WISCONSIN, Southeast

Rock County

5 SSW Evansville	25	1500CST			0	0	15K		Thunderstorm Wind (EG52)
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Fond Du Lac County

3.2 NW Brandon	25	1505CST			0	0	1K		Thunderstorm Wind (EG61)
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Jefferson County

3 N Jefferson	25	1515CST			0	0			Thunderstorm Wind (EG52)
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Dane County

Rockdale	25	1520CST			0	0			Thunderstorm Wind (EG52)
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Clusters or short lines of thunderstorms, some severe, moved east-southeast through parts of south-central and southeast Wisconsin. The primary effect was powerful, downburst, straight-line winds that toppled large trees and some power-lines. Estimated gusts were mostly in the 52 to 56 knot range (60 to 65 mph). Two gustnadoes were observed southeast of Highland (Iowa Co.) on the west shore of Blackhawk Lake. Other than tearing up some trees, the gustnadoes blew around camping gear, tables, etc. A boat on Blackhawk Lake was spun around by one of the gustnadoes. A gustnado was also observed by a storm spotter northwest of Brandon (Fond du Lac Co.). Its path length was about 1/4 to 1/2 mile and it managed to shred or push down some corn crop and small tree limbs. Gustnadoes are ground-based vortices that spin up on a gust front preceding a downburst, and are not recognized as true tornadoes. Rather, they are documented as thunderstorm wind events. Last, but not least, the powerful thunderstorm winds blew over a silo located on a farm south of Evansville (Rock Co.).

Sauk County

3 W Plain	28	1455CST			0	0			Hail(1.00)
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Sauk County

3 W Plain	28	1507CST			0	0			Thunderstorm Wind (EG52)
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Jefferson County

Ft Atkinson	28	1808CST 1818CST			0	0			Thunderstorm Wind (EG50)
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Scattered thunderstorms, some marginally-severe, moved east-southeast across parts of south-central and southeast Wisconsin. Powerful downburst, straight-line winds gusted to an estimated 52 knots (60 mph), resulting in toppled large trees. Large hail was also noted west of Plain (Sauk Co.).