





# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2001

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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### MINNESOTA, Southeast

Winona County 1 N Altura	11	1902CST			0	0			Hail (0.88)
Winona County Altura	11	1904CST			0	0	1.5K		Hail (1.00)
Winona County Stockton	11	1913CST			0	0			Hail (0.88)
Olmsted County 2 NE Chatfield	11	1915CST			0	0	0.50K	3.5K	Hail (1.25)
Winona County 3 E Winona	11	1917CST			0	0			Hail (0.88)
Winona County 1 S St Charles	11	1920CST			0	0			Hail (0.75)
Winona County Utica	11	1920CST			0	0	1.2K		Hail (1.00)
Winona County Lewiston	11	1926CST			0	0	2.5K		Hail (1.25)
Winona County Winona	11	1926CST			0	0	3K		Hail (1.00)
Winona County Winona	11	1927CST			0	0	6K		Hail (2.00)
Winona County Stockton	11	1938CST			0	0	1K		Hail (1.00)
Houston County La Crescent	11	2027CST			0	0	0.50K		Hail (1.00)

Numerous reports of large hail were received from spotters and law enforcement officials. Hail ranged from the size of dimes up to golf balls, although two inch diameter hail was reported by the emergency manager in the city of Winona (Winona County).

Winona County Goodview	11	1930CST			0	0	5K		Lightning
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Lightning struck a home, causing a fire in the attic. No one was at home when the lightning hit

Dodge County North Portion	13	0620CST 0720CST			0	0	2.5K	4K	Flash Flood
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Mower County West Portion	13	0647CST 0720CST			0	0	1K	2.5K	Flash Flood
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Up to 3.5 inches of rain in less than two hours caused flash flooding. Law enforcement officials reported several roads were under water north of Highway 14 in Dodge County and mudslides covered county Highway 24

Wabasha County Lake City	17	2015CST			0	0			Thunderstorm Wind (G52)
Wabasha County Lake City	17	2019CST			0	0			Hail (0.75)
Wabasha County Lake City	17	2024CST			0	0	0.75K		Hail (1.00)
Wabasha County Lake City	17	2024CST			0	0	1.5K		Thunderstorm Wind (G54)
Wabasha County Wabasha	17	2032CST			0	0	0.40K		Hail (0.75)



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### MINNESOTA, Southeast

Winona County 12 NW Winona	17	2055CST			0	0			Hail (0.75)
Winona County Minnesota City	17	2110CST			0	0			Hail (0.75)
Winona County Winona Muni Arpt	17	2114CST			0	0	2K		Hail (0.75)
Winona County 1 W Winona	17	2116CST			0	0			Hail (0.88)
Winona County 1 W Winona	17	2118CST			0	0	0.70K	1.5K	Hail (1.00)
<p>Numerous reports of hail ranging in size from dimes to quarters were received from spotters and law enforcement officials. In addition, wind gusts estimated at 60 to 65 mph were also reported.</p>									
Dodge County Dodge Center	18	1820CST			0	0	1.3K		Hail (1.00)
Olmsted County 2 NE Byron	18	1841CST			0	0		6K	Hail (1.00)
Olmsted County Rochester	18	1902CST			0	0	10K		Hail (1.25)
Wabasha County Wabasha	18	1911CST			0	0	3.5K		Hail (1.25)
Dodge County 2 NW Mantorville	18	2012CST			0	0	0.50K		Thunderstorm Wind (G61) <sup>M</sup>
Mower County Lyle	18	2014CST			0	0			Funnel Cloud
Olmsted County 3 NW Genoa	18	2021CST			0	0			Thunderstorm Wind (G52) <sup>M</sup>
Mower County Le Roy	18	2040CST			0	0	0.40K		Thunderstorm Wind (G53)
Olmsted County Byron	18	2046CST			0	0			Hail (0.75)
Dodge County 1 N Mantorville	18	2057CST			0	0		1.5K	Hail (0.88)
Dodge County Kasson	18	2115CST			0	0			Hail (0.88)
Fillmore County Lanesboro	18	2117CST			0	0			Thunderstorm Wind (G52)
Olmsted County Byron	18	2120CST			0	0	0.50K		Hail (0.88)
Fillmore County 5 W Spring Vly	18	2122CST			0	0			Funnel Cloud
Olmsted County 2 NW Byron	18	2124CST			0	0		0.80K	Hail (0.75)
Dodge County Kasson	18	2130CST			0	0	0.80K	2.5K	Hail (1.00)
Olmsted County Oronoco	18	2132CST			0	0			Hail (0.88)



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### MINNESOTA, Southeast

Olmsted County Potsdam	18	2140CST			0	0	2.5K		Hail (1.00)
Olmsted County Rochester	18	2141CST			0	0			Hail (0.75)
Olmsted County Dover	18	2149CST			0	0	1K		Thunderstorm Wind (G70) <sup>M</sup>
Olmsted County Dover	18	2151CST			0	0	1.5K		Hail (1.25)
Winona County 1 N St Charles	18	2154CST			0	0	1.2K		Thunderstorm Wind (G70) <sup>M</sup>
Dodge County Claremont	18	2155CST			0	0			Thunderstorm Wind (G50)
Winona County Altura	18	2200CST			0	0	1.5K		Thunderstorm Wind (G54)

Storm spotters reported thunderstorm winds gusting to as much as 70 to 80 mph, while there were numerous reports of hail ranging in size from pennies to half dollars. Funnel clouds were sighted by spotters near Spring Valley (Fillmore County) and Lyle (Mower County), but did not touchdown.

### WISCONSIN, Southwest

Trempealeau County Ettrick	09	1715CST			0	0	1.5K		Hail (1.00)
Jackson County 5 SE Franklin	09	1735CST			0	0			Hail (0.75)
Buffalo County .5 E Urne to 2 E Urne	11	1711CST 1715CST	1.5	50	0	0	3.5K		Tornado (F0)
Buffalo County Mondovi	11	1725CST			0	0	0.80K		Hail (1.50)
Taylor County Jump River	11	1750CST			0	0	0.80K		Thunderstorm Wind (G53)
Clark County Thorp	11	1753CST			0	0	0.75K		Thunderstorm Wind (G50)
Trempealeau County Osseo	11	1759CST			0	0	3.5K		Thunderstorm Wind (G50)
Trempealeau County Strum	11	1759CST			0	0	2.5K		Thunderstorm Wind (G50)
Buffalo County Nelson	11	1830CST			0	0			Hail (0.75)
Jackson County 5 W Hixton	11	1835CST			0	0	0.50K		Thunderstorm Wind (G55)
Clark County 5 S Riplinger	11	1838CST			0	0	0.60K		Thunderstorm Wind (G61) <sup>M</sup>
Jackson County Hixton	11	1843CST			0	0	1.5K		Thunderstorm Wind (G65) <sup>M</sup>
Jackson County Taylor	11	1845CST			0	0	1K		Hail (1.50)



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<b><u>WISCONSIN, Southwest</u></b>									
<b>Trempealeau County</b>									
<b>Galesville</b>	11	1850CST			0	0	0.75K		Thunderstorm Wind (G50)
<b>Buffalo County</b>									
<b>Buffalo City</b>	11	1852CST			0	0	1K		Hail (1.00)
<b>Jackson County</b>									
<b>4 E North Bend</b>	11	1852CST			0	0			Thunderstorm Wind (G52)
<b>La Crosse County</b>									
<b>Holmen</b>	11	1908CST			0	0	1K		Thunderstorm Wind (G55)
<b>Monroe County</b>									
<b>3 N Oakdale</b>	11	1910CST			0	0	0.75K		Thunderstorm Wind (G54)
<b>La Crosse County</b>									
<b>New Amsterdam</b>	11	1914CST			0	0	0.50K		Thunderstorm Wind (G50) <sup>M</sup>
<b>Monroe County</b>									
<b>8 N Tomah</b>	11	1918CST			0	0			Thunderstorm Wind (G52)
<b>Monroe County</b>									
<b>Sparta</b>	11	1922CST			0	0	1.5K		Thunderstorm Wind (G52) <sup>M</sup>
<b>Monroe County</b>									
<b>Sparta</b>	11	1924CST			0	0	0.80K		Thunderstorm Wind (G54) <sup>M</sup>
<b>Buffalo County</b>									
<b>1.5 NW Fountain City</b>	11	1927CST			0	0			Hail (0.75)
<b>Trempealeau County</b>									
<b>Pigeon Falls</b>	11	1930CST			0	0	15K		Thunderstorm Wind (G61)
<b>Vernon County</b>									
<b>2 W Westby</b>	11	1935CST			0	0	0.35K		Thunderstorm Wind (G53)
<b>Juneau County</b>									
<b>Mauston</b>	11	1940CST			0	0	2.5K		Thunderstorm Wind (G55)
<b>Trempealeau County</b>									
<b>Blair</b>	11	1942CST			0	0	8K		Thunderstorm Wind (G61)
<b>Adams County</b>									
<b>Adams</b>	11	1945CST			0	0	2K		Thunderstorm Wind (G55)
<b>La Crosse County</b>									
<b>Mindoro</b>	11	2000CST			0	0	0.80K		Thunderstorm Wind (G54)
<b>Monroe County</b>									
<b>Tomah</b>	11	2000CST			0	0	0.20K		Thunderstorm Wind (G52) <sup>M</sup>
<b>Trempealeau County</b>									
<b>Galesville</b>	11	2000CST			0	0			Hail (0.75)
<b>Trempealeau County</b>									
<b>Galesville</b>	11	2000CST			0	0			Hail (0.75)
<b>La Crosse County</b>									
<b>Onalaska</b>	11	2010CST			0	0	0.50K		Hail (0.75)
<b>La Crosse County</b>									
<b>Onalaska</b>	11	2012CST			0	0			Hail (0.75)
<b>La Crosse County</b>									
<b>Onalaska</b>	11	2014CST			0	0	2.5K		Hail (1.00)
<b>La Crosse County</b>									
<b>Holmen</b>	11	2018CST			0	0	0.50K		Hail (1.25)



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<b><u>WISCONSIN, Southwest</u></b>									
La Crosse County West Salem	11	2018CST			0	0			Hail (0.75)
La Crosse County 3 E La Crosse	11	2020CST			0	0	0.75K		Hail (2.50)
La Crosse County La Crosse	11	2025CST			0	0	0.50K		Hail (1.00)
La Crosse County Barre Mills	11	2030CST			0	0		3.5K	Hail (1.25)
La Crosse County St Joseph	11	2030CST			0	0	0.75K		Hail (0.88)
Monroe County Cashton	11	2047CST			0	0			Hail (0.75)
Monroe County Cashton	11	2050CST			0	0			Hail (0.75)
Monroe County Portland	11	2055CST			0	0			Hail (0.88)
Monroe County Norwalk	11	2057CST			0	0		1.5K	Hail (0.75)
Monroe County Sparta	11	2057CST			0	0			Hail (0.75)
Monroe County 1 W Sparta	11	2058CST			0	0		2K	Hail (1.00)
Vernon County Ontario	11	2104CST			0	0			Hail (0.75)
Monroe County Tomah	11	2122CST			0	0	1K		Hail (1.00)
Monroe County Tomah	11	2123CST			0	0			Hail (0.75)
Monroe County 9 N Tomah	11	2140CST			0	0		1.5K	Hail (1.00)
Richland County Richland Center	11	2146CST			0	0			Hail (0.75)
Monroe County Tomah	11	2149CST			0	0			Hail (0.75)
Juneau County Hustler	11	2152CST			0	0	0.80K		Hail (1.00)
Monroe County 2 W Tomah	11	2153CST			0	0	0.75K		Hail (1.00)
Monroe County Four Corners	11	2200CST			0	0			Hail (0.75)
Monroe County Cataract	11	2204CST			0	0			Hail (0.88)
Adams County White Creek	11	2235CST			0	0	0.50K		Hail (1.00)
Monroe County 2 W Tomah	11	2235CST			0	0		1.5K	Hail (1.00)



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### WISCONSIN, Southwest

#### Monroe County

Tunnel City	11	2235CST			0	0			Hail (0.75)
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#### Juneau County

Elroy	11	2247CST			0	0			Hail (0.75)
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#### Crawford County

Prairie Du Chien	12	0105CST			0	0			Hail (0.75)
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Numerous reports of large hail and pockets of wind damage accompanied severe thunderstorms that moved across parts of southwest and central Wisconsin. A brief tornado touchdown also occurred near Urne (Buffalo County), but only some crop damage was reported. Spotters and law enforcement officials reported hail ranging in size from dimes to as large as golf balls. Hail with a diameter of 2.5 inches was observed at the La Crosse National Weather Service (La Crosse County). Hardest hit by thunderstorm winds estimated at 70 mph was the Pigeon Falls area (Trempealeau County), where four homes were heavily damaged, several barns were knocked down and numerous trees were blown down. The Hixton area (Jackson County) was also hit hard, with damaging winds downing power lines, which closed Interstate 94 for an hour and a half.

#### Adams County

2 SE Brooks	14	1355CST			0	0			Thunderstorm Wind (G52)
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The public reported several large tree limbs were knocked down by winds estimated at 60 mph

#### Buffalo County

3 NE Nelson	16	1552CST			0	0	2K		Hail (0.75)
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#### Clark County

3 S Owen	16	1555CST			0	0			Hail (0.75)
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#### Trempealeau County

Ettrick	16	1640CST			0	0	0.75K		Thunderstorm Wind (G52)
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Dime size hail and wind gusts estimated at 60 mph were reported by storm spotters and the public.

#### Buffalo County

2 S Mondovi	17	1936CST			0	0	0.25K		Thunderstorm Wind (G54)
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#### Jackson County

2 NW Black River Falls	17	2004CST			0	0	1K		Hail (1.75)
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#### Jackson County

2 N Black River Falls	17	2010CST			0	0	0.75K		Hail (1.75)
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#### Jackson County

Merrillan	17	2010CST			0	0	0.80K	3.5K	Hail (1.75)
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#### Trempealeau County

Blair	17	2020CST			0	0			Hail (0.75)
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#### Buffalo County

Buffalo City	17	2100CST			0	0			Hail (0.75)
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#### Buffalo County

Buffalo City	17	2100CST			0	0			Thunderstorm Wind (G52)
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#### Buffalo County

Buffalo City	17	2107CST			0	0	1K		Hail (1.00)
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#### Monroe County

2 N Sparta	17	2111CST			0	0	1.5K		Thunderstorm Wind (G61) <sup>M</sup>
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#### Monroe County

2 N Sparta	17	2113CST			0	0			Hail (0.88)
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<b><u>WISCONSIN, Southwest</u></b>									
Trempealeau County Blair	17	2115CST			0	0			Hail (0.75)
Trempealeau County Ettrick	17	2115CST			0	0			Hail (0.75)
Buffalo County Fountain City	17	2116CST			0	0	6K		Hail (1.50)
Trempealeau County Centerville	17	2123CST			0	0	2K	5K	Hail (1.50)
Trempealeau County 1 S Centerville	17	2128CST			0	0			Hail (0.75)
Monroe County Tomah	17	2137CST			0	0	8K		Hail (1.75)
Monroe County Tomah	17	2143CST			0	0	2.5K		Thunderstorm Wind (G55)
La Crosse County Holmen	17	2144CST			0	0	2.5K		Hail (1.00)
La Crosse County Holmen	17	2145CST			0	0		3.5K	Hail (1.25)
La Crosse County 2 S Holmen	17	2147CST			0	0	1.5K		Hail (1.00)
Monroe County 1 E Sparta	17	2150CST			0	0	0.40K		Thunderstorm Wind (G54)
La Crosse County Holmen	17	2155CST			0	0	2K	5K	Hail (1.75)
La Crosse County Onalaska	17	2157CST			0	0			Hail (0.75)
La Crosse County West Salem	17	2203CST			0	0			Hail (0.75)
La Crosse County West Salem	17	2204CST			0	0	1K		Hail (1.00)
Monroe County 2 N Melvina	17	2233CST			0	0			Hail (0.75)
Juneau County Lyndon Station	17	2234CST			0	0	2.5K		Hail (1.75)
Adams County 1 S Plainville	17	2237CST			0	0		3K	Hail (1.75)
Monroe County 1 S Melvina	17	2240CST			0	0			Hail (0.75)
Richland County Viola	18	0045CST			0	0		2.5K	Hail (1.00)
Grant County Lancaster	18	0345CST			0	0	1K	4.5K	Hail (1.00)
La Crosse County Holmen	18	0500CST			0	0			Hail (0.75)
La Crosse County 2 E Holmen	18	0505CST			0	0			Hail (0.75)



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### WISCONSIN, Southwest

#### Trempealeau County

Arcadia	18	0509CST			0	0			Hail (0.75)
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#### Trempealeau County

Osseo	18	0606CST			0	0			Hail (0.75)
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#### Clark County

3 N Neillsville	18	0641CST			0	0	3K		Hail (1.75)
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The public, law enforcement officials and amateur radio operators reported hail from dime and nickel size to as large as golf balls. Wind gusts of 60 to 70 mph were also reported, which downed trees and power lines.

#### Buffalo County

West Portion	17	2130CST 2300CST			0	0	2.5K		Flash Flood
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Rainfall amounts of 1 to 3 inches in less than two hours caused flash flooding, which triggered mudslides along Highway 35 near Alma and Fountain City.

#### Buffalo County

Mondovi	18	1845CST			0	0	0.50K		Hail (1.00)
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#### Buffalo County

Nelson	18	1850CST			0	0			Hail (0.75)
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#### Clark County

Thorp	18	1930CST			0	0	10K	25K	Hail (3.50)
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#### Clark County

Thorp	18	1930CST			0	0	2K	10K	Hail (1.75)
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#### Trempealeau County

Strum to 3 E Strum	18	1930CST 1943CST			0	0			Funnel Cloud
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#### Taylor County

Lublin	18	1950CST			0	0	0.35K	2K	Hail (1.00)
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#### Clark County

Thorp	18	2115CST			0	0			Hail (0.75)
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#### Taylor County

Medford	18	2130CST			0	0	0.25K		Thunderstorm Wind (G52)
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#### Taylor County

Goodrich	18	2140CST			0	0	0.50K		Thunderstorm Wind (G54)
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#### Vernon County

Viroqua	18	2205CST			0	0	1K		Thunderstorm Wind (G54)
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#### Buffalo County

2 E Cochrane	18	2251CST			0	0	0.80K		Hail (1.00)
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Law enforcement officials reported a funnel cloud near Strum (Trempealeau County), which did not touch the ground. Numerous reports of large hail were received from spotters, ranging in size from dimes to as large as golf balls. In fact, an amateur radio operator at Thorp (Clark County) reported hail with a diameter of 3.5 inches. Estimated wind gusts of 60 to 65 mph knocked down large branches and blew down several large trees.

#### Grant County

Bagley	30	1645CST			0	0	0.75K		Hail (1.50)
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Ping-pong ball size hail was reported by law enforcement officials.