

This Day in Weather History

for southeast Minnesota, northeast Iowa, and western Wisconsin

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Section 1:

Introduction

1. Introduction

A wide range of weather affects the Upper Mississippi River Valley, with all the seasons well represented. The National Weather Service - La Crosse area of responsibility (southeast Minnesota, northeast Iowa, and western Wisconsin) (Fig.1 & Table 1) has experienced a vast array of weather conditions: tornadoes and hail, floods and droughts, heat waves and cold outbreaks, and winter storms.

| Minnesota | Iowa | Wisconsin | |
|-----------|------------|-----------|-------------|
| Dodge | Allamakee | Adams | Monroe |
| Fillmore | Chickasaw | Buffalo | Richland |
| Houston | Clayton | Clark | Taylor |
| Mower | Fayette | Crawford | Trempealeau |
| Olmsted | Floyd | Grant | Vernon |
| Wabasha | Howard | Jackson | |
| Winona | Mitchell | Juneau | |
| | Winneshiek | La Crosse | |

Table 1. The 28 counties in the National Weather Service - La Crosse area of responsibility.

This document attempts to identify some of the most significant weather events throughout the area, for each day of the year. Some of the more “major” events have been expounded upon in greater detail and some all-time records for various locations have also been included. It is hoped that this document can serve as an unofficial history of the recorded weather for the area, providing interesting weather tidbits and facts for the entire year.

This endeavor has been divided into several sections. This first section provides an introduction, including sources for the information and a map of the area covered. The second section consists of relatively short, but detailed summaries for differing significant weather events that affected the region during its climate history. The third section contains a calendar day record of significant climate and/or severe weather events throughout the region. Finally, an appendix contains a listing of “all-time” temperature and precipitation records for 22 sites across this part of the Upper Mississippi River Valley, information for severe weather, and information and charts for heat and wind chill indices.

2. Research and Sources

Many sources were used to research and compile the data: local research and climate information, National Climatic Data Center (NCDC) and Midwestern Regional Climate Center (MRCC) archives, Cooperative Observer data, Storm Prediction Center (SPC) archives, various newspaper archives and weather related journals (see listing below), and internet resources. For tornadic events prior to 1950, information was gathered, paraphrased and quoted from *Significant Tornadoes 1680-1991* by Grazulis (1993). For tornadic events from 1950 to 2000, both *Significant Tornadoes 1680-1991* by Grazulis (1993) and the *Wisconsin Tornado Database, 1950-2000* by Norgord (2001) were used.

Grazulis, Thomas, 1993: *Significant Tornadoes 1680-1991*. Environmental Films, St. Johnsbury, Vermont, 1326 pp.

Norgord, Douglass G., 2001: *Wisconsin Tornado Database 1950-2000*. Geographic Techniques, Mt. Horeb, Wisconsin, 167 pp.

Newspapers:

Austin Daily Herald – Austin, MN

Courier Press – Prairie du Chien, WI – June 3, 1947

Hokah County Chief – Hokah, MN – 1894-1927

La Crosse Republican and Leader – La Crosse, WI - 1871-1903

La Crosse Daily Chronicle – La Crosse, WI – 1878-1912
La Crosse Daily Republican – La Crosse, WI – 1859-60 & 1866-70
La Crosse Democrat – La Crosse, WI - 1853-54 & 1861-68
La Crosse Tribune – La Crosse, WI – 1904-Present
Minneapolis Morning Tribune – October 11, 1949
Richland Democrat – Richland, WI – June 5, 1947
Vernon County Broadcast – Viroqua, WI – May 29, 1947

Journals:

Climatological Data for Iowa, U.S. Department of Commerce
Climatological Data for Minnesota, U.S. Department of Commerce
Climatological Data for Wisconsin, U.S. Department of Commerce
Monthly Weather Review – February 1922 pp. 78-82 & October 1949
Storm Data, National Climatic Data Center, 1950-present
Wisconsin Trails, The Great Ice Storm of 2/22/22, Michael Goc,
January/February 1993, pp. 42-46, 65

Maps:

Daily Weather Maps Weekly Series, NOAA, NWS, National Meteorological
Center Meteorological Operations Division & Climate Analysis Center

The majority of the temperature and precipitation records date back to the late 1800s, while snowfall information is mostly from around 1950 to the present. The exact dates will vary by location, and specific dates are found in the Appendix. The tornado information begins in the late 1800s, while the rest of the severe weather data starts from around 1950. Precipitation is measured in inches, temperature in degrees Fahrenheit, and the damage dollar estimates reference the year of the damage (not dollar equivalent for the present year).

When precipitation other than snowfall is listed in Section 3 (Calendar Day Histories) during a winter month (generally November through March), the precipitation is likely “water equivalent”. Water equivalent refers to the amount of liquid there would be in a given amount of snowfall. Since snowfall records are sparse prior to 1950, it was not always possible to determine whether a precipitation record for a winter month was due to snowfall, or on account of rainfall.

Due to cooperative observers having a variety of reporting times (not always midnight to midnight), the exact date of high and low temperatures, along with precipitation, may be off a day. The authors did their best to assign these values to the correct day. Also, defining the exact start and stop times of snow storms was problematic at times. In some cases, snow events occurred so close together that discerning between events was difficult, and could lead to incomplete event totals per snow storm. In these cases, the authors felt it was best to list the individual day snow totals, rather than event totals.

The authors acknowledge that some events have probably been missed due to the absence of available records. Even so, this document will provide a comprehensive and informative look at some historical weather events across the area.

This document includes records through 2004.

3. Acknowledgments

The authors would like to thank Dan Baumgardt, SOO at NWS-La Crosse, and Glenn Lussky, MIC at NWS-La Crosse, who reviewed this document. We would also like to thank Dave Morgan, a student volunteer at the NWS-La Crosse, who researched and wrote several of the event summaries, Todd Shea,

WCM at NWS-La Crosse, who helped with some fact gathering, and Pete Corrigan, Hydrologist at NWS-Blacksburg, who contributed flood information.

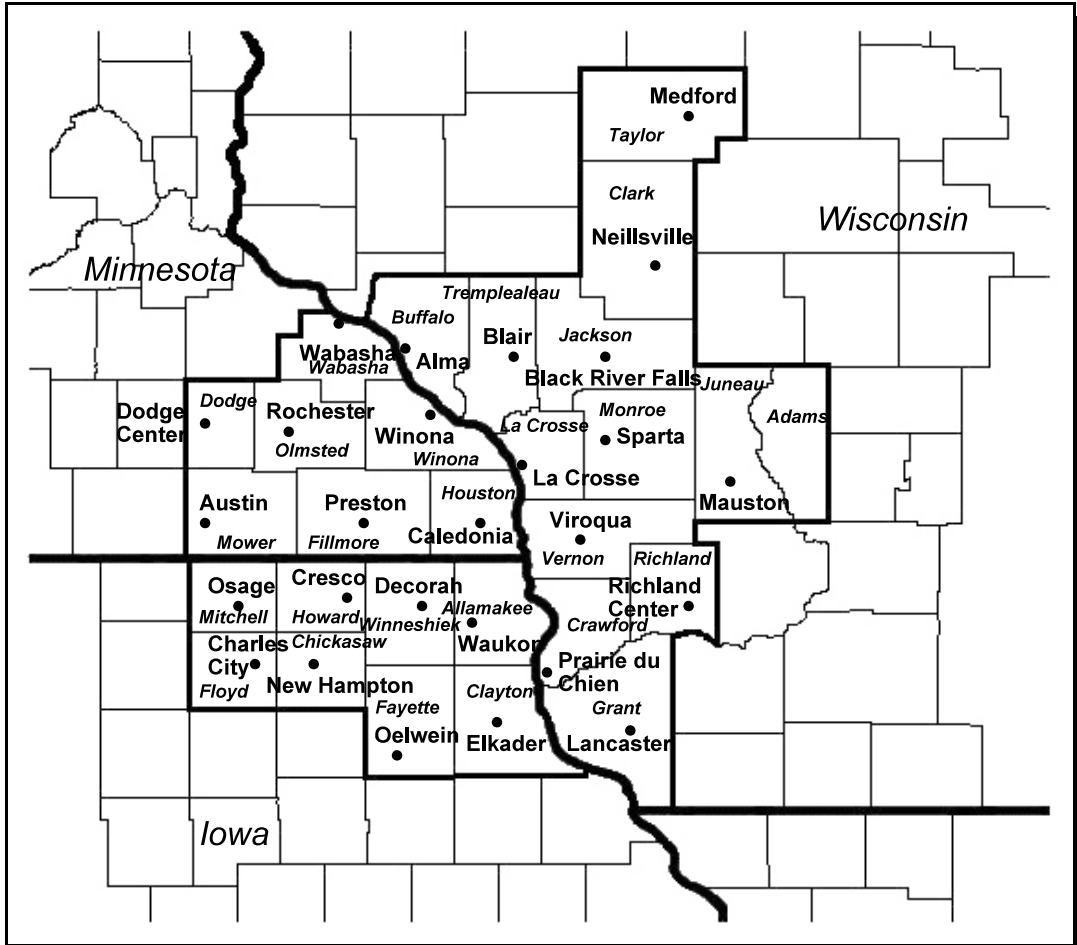


Fig 1. The National Weather Service - La Crosse area of responsibility (cities are larger, bold type; counties are smaller, italicized type).

Section 2:

Detailed Summaries

Severe Storms/Tornadoes: The Severe Weather Outbreak of June 27, 1998

On June 27, 1998 an intense line of thunderstorms (Fig. 1) tracked from south central Minnesota through western Wisconsin, continuing eastward toward the New England States the next day. As this line passed over the Upper Mississippi River Valley, it produced winds in excess of 90 mph. After storm surveys were conducted on the damage, wind gusts (Table 1) were estimated to have been over 100 mph in some locations.

The strongest and most destructive winds took two different paths (Fig. 2). One traveled from just north of Rochester, MN, through Tomah, WI, and then into Juneau County, WI. The other ran from west of Austin, MN, south of La Crosse, WI, and into south central Wisconsin. However, it is important to note that winds were in excess of 60 mph along nearly the entire line of storms. In addition to the winds, rainfall with the line caused some flash flooding, especially over northeast Iowa. Hail as large as golf balls was also reported with this line.

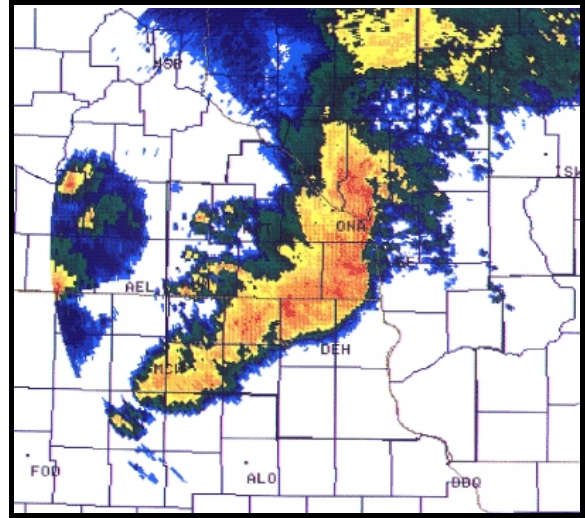


Fig 1. Reflectivity radar image at 832 pm.

Thousands of trees were downed due to the storms, along with power lines and sporadic property damage. One of the hardest hit locations was Austin, MN. The city experienced widespread property and tree damage, with power loss to nearly the entire city for 24 hours. Many streets were impassable due to the downed trees and power lines.

The National Weather Service in La Crosse issued 50 warnings for this event, covering southeast Minnesota, northeast Iowa, and western Wisconsin. Storm damage estimates totaled nearly \$15 million. Counties in northeast Iowa and western Wisconsin were declared Federal disaster areas.

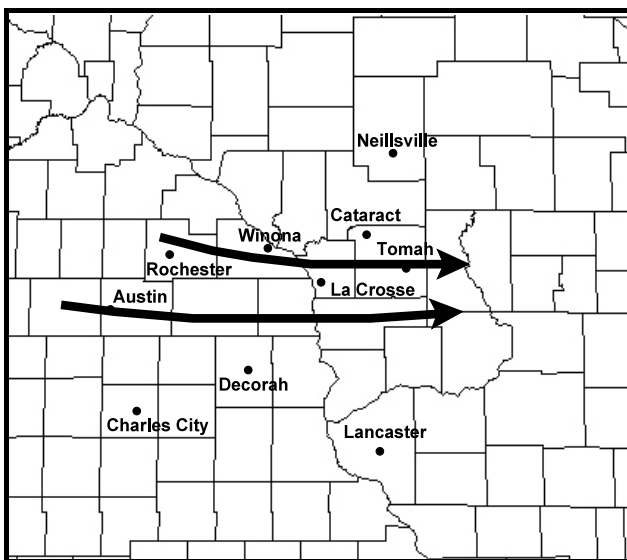


Fig 2. Approximate paths of the strongest winds.

| Iowa | |
|---------------|---------|
| Dorchester | 70 mph |
| Floyd | 70 mph |
| New Albin | 70 mph |
| Minnesota | |
| Austin | 93 mph |
| Winona | 90 mph |
| Chatfield | 81 mph |
| Rochester | 81 mph |
| Spring Valley | 81 mph |
| Plainview | 70 mph |
| Wisconsin | |
| Catact | 101 mph |
| Melrose | 95 mph |
| Tomah | 90 mph |
| Ettrick | 87 mph |
| Stoddard | 84 mph |
| Elroy | 75 mph |

Table 1. Reported wind gusts from June 27, 1998.

Severe Storms/Tornadoes: The Charles City Tornado of May 15, 1968

On the afternoon of May 15, 1968, an F5 tornado moved through Butler, Chickasaw, Floyd, Franklin, and Howard Counties in northeast Iowa. The tornado moved northeast from north of Hansell, passing east of Aredale, west of Greene, east of Marble Rock, and devastating Charles City (Fig. 1). The tornado grew larger and more intense as it approached Charles City (Fig. 2), striking the city at approximately 450 pm. The huge tornado passed directly through town, destroying 337 homes and 1,250 vehicles, and causing about \$30 million in damage. Ironically, the tornado damaged 8 churches in town, but left the bars standing. Debris from Charles City was found as far away as LeRoy, MN, nearly 35 miles to the north. The tornado continued to the northeast hitting Elma, where it caused another \$1.5 million in damage. From Elma the tornado turned to the north and dissipated south of Chester, 4 miles south of the Minnesota border. The tornado was on the ground for 65 miles, reaching a width of 400 yards. Nearly 2,000 homes were damaged or destroyed. All 13 deaths occurred in Floyd County. 450 injuries were reported in Floyd County and 12 injuries in Howard County.

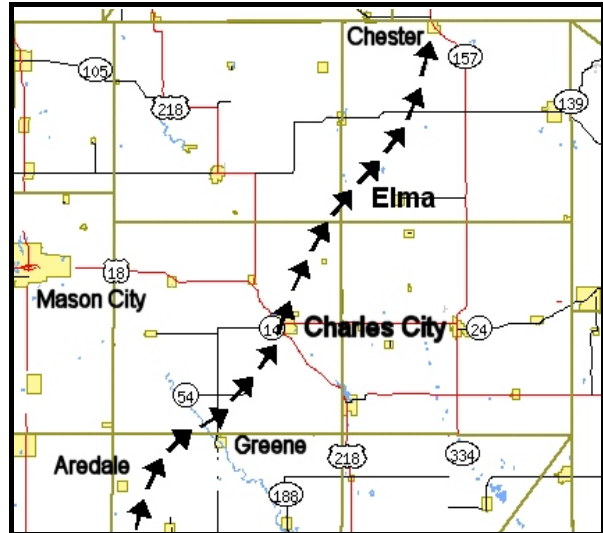


Fig 1. Approximate path of the F5 tornado that struck Charles City, IA on May 15, 1968.

On the same day, another F5 tornado moved north-northeast from southwest of Oelwein to Maynard and east of Randalia in Fayette County, IA. Homes were leveled and swept away in both Oelwein and Maynard. The warning sirens sounded for only 15 seconds before power failed in Oelwein. Nearly 1,000 homes were damaged or destroyed along the path, and 34 people had to be hospitalized. Almost 1,000 families were affected. The damage from this tornado totaled \$21 million.

In addition to these F5 tornadoes, an F2 tornado touched down 6 miles south of Cresco, IA, two weak F1 tornadoes touched down in Dodge County, MN, and F1 tornadoes occurred in Fillmore County, MN and Chickasaw County, IA. Baseball size hail (2.75") also fell in Fayette County, IA.



Fig 2. Photo by then Floyd County Sheriff L. L. Lane, along Highway 14 just before the tornado hit Charles City, IA.

Severe
Storms/Tornadoes:

The Tornado Outbreak of May 10, 1953

While there have been days with more tornadoes across the region (most notably June 9, 1993 when 13 tornado touchdowns were confirmed), the 5 tornadoes that struck on May 10, 1953 (Fig. 1) stand out for their strength and the length of their tracks. Four of the tornadoes were classified as F4 ("violent" tornadoes with wind speeds up to 260 mph). The other tornado was rated as an F3.

One F4 tornado moved northeast from northeast of Fountain City, WI to Colburn, WI. This tornado (or possibly a tornado family) struck about a hundred farms. Eight farms were hit in Glencoe Township, northeast of Fountain City. Total damage from this tornado was \$1 million and it caused 10 injuries. The tornado was on the ground for approximately 65 miles, reaching a width of 200 yards. This tornado has one of the longest recorded tornado tracks in Wisconsin history.

The second F4 tornado moved from 5 miles southwest of Chester, IA to 4 miles northeast of Chatfield, MN. Eleven farms were heavily damaged in northern Iowa before this tornado crossed into Fillmore County, MN. Twenty barns were damaged or destroyed in Minnesota and one man was killed as his barn was destroyed 1 mile southeast of Wykoff (Olmsted County). A rural school was leveled 3 miles south of Chatfield as well. Six injuries occurred in Olmsted County and 2 injuries in Howard County, IA. The tornado covered 45 miles, reaching a width of 400 yards.

The third F4 tornado moved northeast and passed about 2 miles northwest of St. Charles, MN. Farms were torn up along the track. An infant was killed (Olmsted County) and 4 other people were injured in a car that was thrown 100 feet, about 1½ miles west of St. Charles, IA. Four more injuries occurred in a barn, and three more in another car. Hundreds of trees were snapped at Whitewater State Park. Overall, this tornado killed one person (Olmsted County) and injured 11 people (6 in Olmsted County and 5 in Winona County). This tornado also had the shortest track out of the F4's on this day, remaining on the ground for 18 miles, but still reaching a width of 400 yards.

The final F4 tornado moved across Rusk, Price, and Taylor counties in Wisconsin. This storm tracked north-northeast to 7 miles north of Phillips, but the damage path was not continuous. One farm house was leveled and pieces of it were found 7 miles away. The tornado was most intense in Price County where F4 damage was witnessed for 12 miles and caused over \$150,000 in damage. This tornado "bounced" along the ground for 45 miles, reaching widths of 200 yards.

The F3 tornado moved northeast across Clayton County, IA from 7 miles north northeast of Elkader to just northeast of Giard. Barns and silos were destroyed as the tornado struck 8 farms. At least 60 head of cattle were killed. A farmer was carried 700 feet, but suffered only minor injuries. Damage estimates were \$150,000.

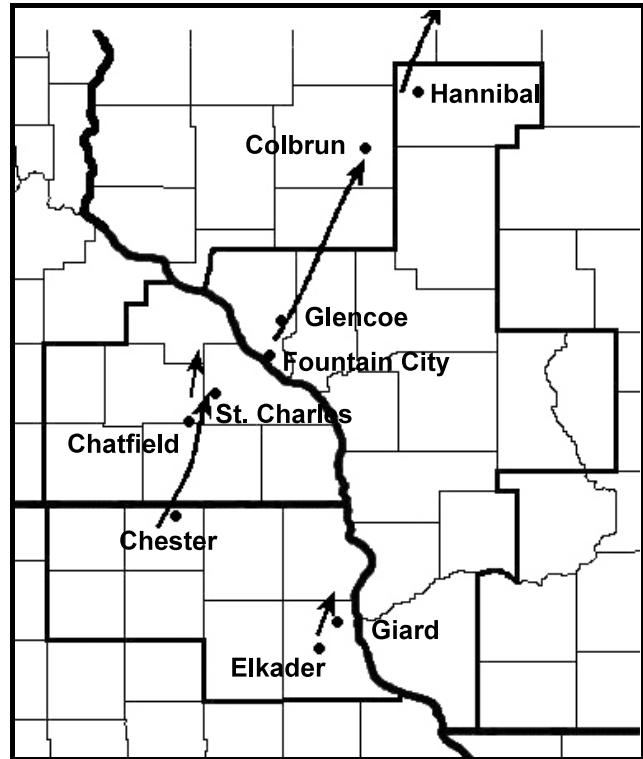


Fig 1. Estimated tornado tracks for May 10, 1953.

Severe Storms/Tornadoes: The Rochester Tornado of 1883

On August 21, 1883, a large tornado struck Rochester, MN destroying most of the homes and commercial structures on the north side of town. A total of 24 people were killed in Rochester, but the tornado itself killed a total of 37 residents in southeast Minnesota. At least 200 people were injured.

The tornado moved northeast from 4 miles northwest of Hayfield, MN (Fig. 1), leveling at least 10 of the 40 farms it hit in Dodge County. In Rochester, 135 homes were destroyed, while another 200 were damaged. Many of the residents who survived the tornado said the enormous roar of the approaching storm warned them. The tornado went on to derail a train causing more injuries and at least one death. The tornado track was 25 miles long, reaching a width of 1500 yards. It would have been ranked an F5 on the Fujita damage scale and was part of a family of tornadoes that day. Total damage was estimated at \$700,000.

At the time of the tornado, the city of Rochester did not have a medical facility that could treat all the injured. A local doctor, William W. Mayo, and his two sons worked together with the sisters of St. Francis church to care for the wounded. Collections were gathered and in 1889 Saint Mary's hospital was built, which would later be renamed Mayo Clinic.

In addition to this F5 tornado, two other strong tornadoes (both F3) struck portions of southeast Minnesota on this day. This first occurred 3 hours prior to the major tornado, moving northeast from Pleasant Grove to 10 miles south of Rochester. Most of the damage with this tornado occurred on 4 farms, with one being completely destroyed. This tornado was on the ground for 10 miles, killing 2 and injuring 10. The other F3 tornado moved northeast from 2 miles north of St. Charles to 2 miles north of Lewiston. It was on the ground for 12 miles and occurred 3 hours after the F5 Rochester tornado. There was 1 death and 19 injuries associated with this tornado.

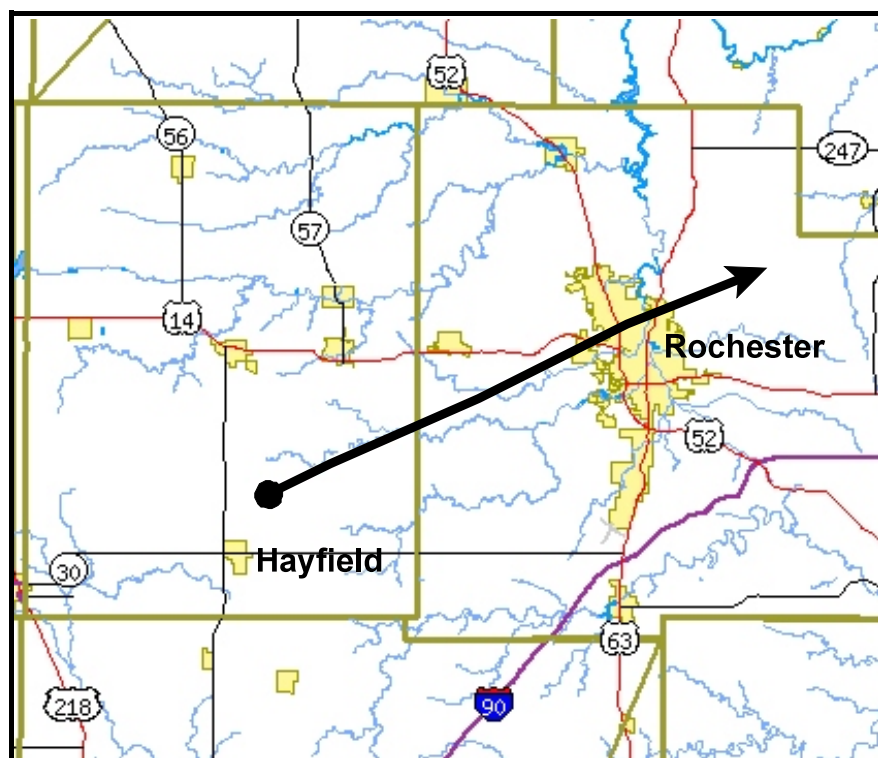


Fig 1. Estimated F5 tornado track that devastated Rochester, MN on August 21, 1883.

Severe Storms/Tornadoes: The Tornadoes of June 28, 1865

On June 28, 1865 a tornado moved east from southwest of Viroqua, WI (devastating the southern part of that town) to south of Rockton before dissipating in a six-mile wide downburst near the Juneau County, WI line (Fig. 1). Multiple vortex "branches" and "eddies" were observed as the tornado passed through Viroqua around 4 pm. "Death rode upon that sulphury siroc as the angry elements at the beck of an invisible power lay waste the fairest portion of the village" (Grazulis, 1993). Ten people were killed on one street. A death total of 17 is usually given for this tornado, but according to the History of Vernon County at least 13 people were killed in Viroqua and as many as 12 others may have died later from injuries. There were approximately 100 injuries. "The tornado was moving at an estimated 60 mph as it approached a schoolhouse 2 miles east of Viroqua containing a teacher and 24 students. The building was lifted into the air and dashed to the ground, killing the teacher and eight students. Foot-square timbers were carried long distances; tree tops were filled with feather beds, chairs, and clothing. All kinds of livestock were either dead or writhing on the points of broken branches; 20-ton rocks were rolled, lifted, and broken" (Grazulis, 1993). Debris from Viroqua was found in New Lisbon, over 40 miles northeast of the city. The tornado was on the ground for 30 miles, with a width of 300 yards. Although this tornado does not have an official Fujita scale rating, based on the destruction it would likely be an F4. In addition, this is one of the earliest recorded tornadoes in Wisconsin history, and also one of the deadliest.

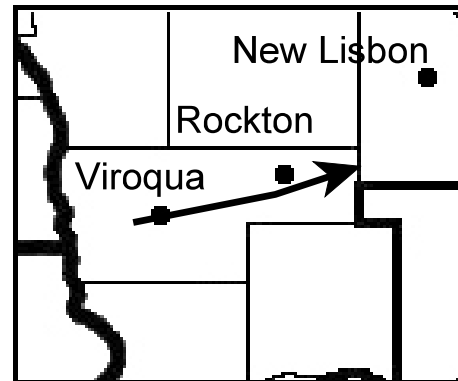


Fig 1. Approximate path of the June 28, 1865 tornado that struck Viroqua, WI.

Another tornado moved east along the Amherst/Holt Township line in Fillmore County, MN destroying four homes and damaging several others. The damage scene included "splinters, shingles, rails, and every conceivable article used about the farm or dwelling, together with shreds of torn garments, bed clothing, beds torn open and feathers filling the air like snow flakes" (Grazulis, 1993). In addition, chickens and turkeys were stripped of their feathers and lying dead in every direction.

Snow/Ice: The Spring Snow Storm of March 12-14, 1997

The 1996-97 winter had already been a long one by the time March began. The snow started to accumulate in November, and kept the ground covered under a blanket of white through February. Seasonal snowfall records had been set in many locations. Finally, the winter looked like it might give way to spring as March started, with most locations losing their snow cover.

However, a storm system developed over Texas and the southern Plains and tracked toward the Upper Mississippi River Valley on the evening on the 12th. Snow developed across the region that evening and continued through the 13th and 14th. The heaviest snows fell on the 13th and 14th when the forcing and instability with the storm were the strongest. A large swath of 10 or more inches of snow fell from southeast Minnesota through east central Wisconsin (Fig. 1), with a narrow band of 15-25" from around Winona, MN and La Crosse, WI to Green Bay, WI (Table 1). Daily and monthly snowfall records were set throughout most of the region. In addition, this snowfall added to an already snowy winter season, helping Rochester, MN to its snowiest season on record with a total of 84.6" for 1996-97.

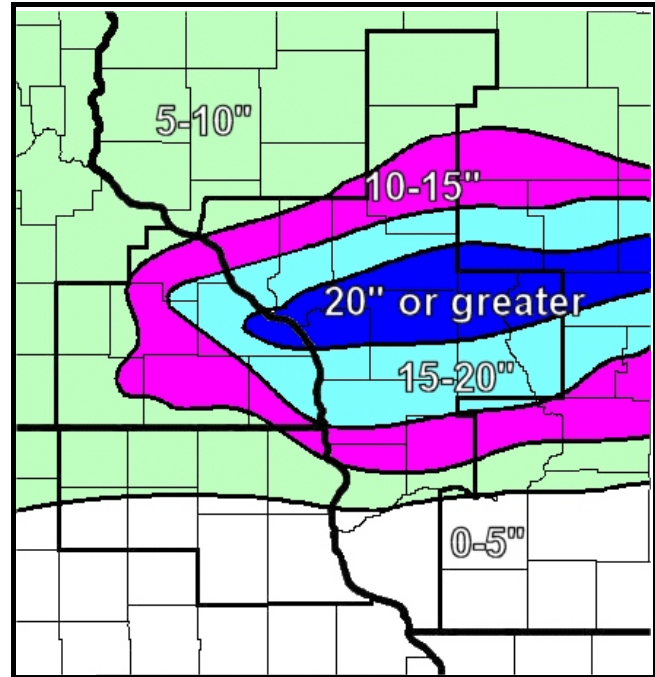


Fig 1. Approximate snowfall totals for March 12-14, 1997 (most snow from the 13th-14th).

| Iowa | | Minnesota | | Wisconsin | | | |
|--------------|------|----------------|-------|------------|-------|------------------|------|
| Waukon | 8.5" | Minnesota City | 21.0" | Mather | 22.0" | Richland Center | 7.0" |
| Cresco | 8.0" | La Crescent | 18.0" | Sparta | 20.0" | Lynxville | 5.5" |
| Decorah | 7.5" | Winona | 17.8" | Viroqua | 20.0" | Muscoda | 5.0" |
| Mason City | 5.0" | Hokah | 15.7" | La Crosse | 19.1" | Jump River | 4.0" |
| Charles City | 3.9" | Caledonia | 15.5" | Mauston | 18.0" | Lancaster | 2.0" |
| New Hampton | 3.5" | Spring Grove | 14.0" | Cashton | 17.0" | Prairie du Chien | 2.0" |
| Elkader | 1.5" | Theilman | 14.0" | Hillsboro | 17.0" | | |
| Fayette | 1.2" | Preston | 13.0" | Blair | 15.6" | | |
| | | Grand Meadow | 12.0" | LaFarge | 15.0" | | |
| | | Austin | 9.0" | Neilsville | 14.0" | | |
| | | Byron | 9.0" | Alma | 13.0" | | |
| | | Harmony | 8.0" | Gays Mills | 11.0" | | |
| | | Zumbrota | 6.5" | Mondovi | 10.0" | | |

Table 1. Snowfall totals for March 12-14, 1997.

Snow/Ice: The Snow Storm of January 26-27, 1996

From the late afternoon of January 26, 1996 until the morning of the 27th, areas of southwest Wisconsin, northeast Iowa, and southeast Minnesota were hit by a blizzard of historic proportions. This monstrous winter storm developed over the Texas Panhandle and moved northeast into southeast Iowa by the early afternoon hours of the 26th (Fig. 1).

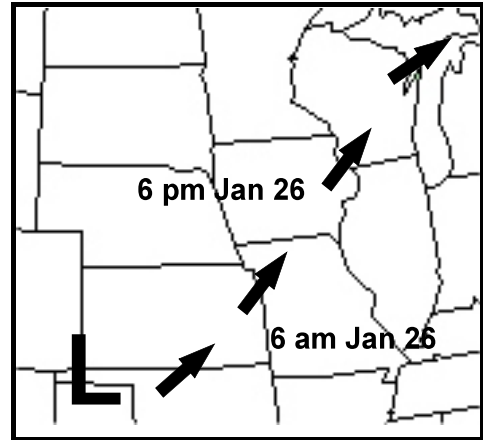


Fig. 1. Path of the low center.

With the passage of a cold front a day earlier, as well as strong dynamics in place with the low, an extensive area of overrunning snow broke out across southeast Iowa during the early afternoon. Meanwhile, thunderstorms developed over central Iowa near Des Moines, producing large hail and winds greater than 60 mph. On the cold side of the storm, northwest of the surface low, snowfall rates of 3 inches per hour with thunder and lightning were reported. Combined with north winds of 30 to 40 mph, whiteout conditions were created across the state of Iowa. A state of emergency was declared by the governor of Iowa, and some claimed the storm to be the worst to hit the state in twenty years.

The storm continued to intensify as it moved northeast during the afternoon, dropping significant snow amounts across northeast Iowa. As the snow spread into southern and southwest Wisconsin, it became convective, adding lightning and thunder to the snowfall. Reports of snowfall rates of 3-4" per hour were common. Schools and businesses closed early on the 26th, and even snow plows were pulled off the road by early in the evening. Snowfall totals of 10-13" were common (Fig. 2, Table 1), with an isolated report of 18" six miles east of La Crosse, WI. Drifts of 4-8' made travel nearly impossible.

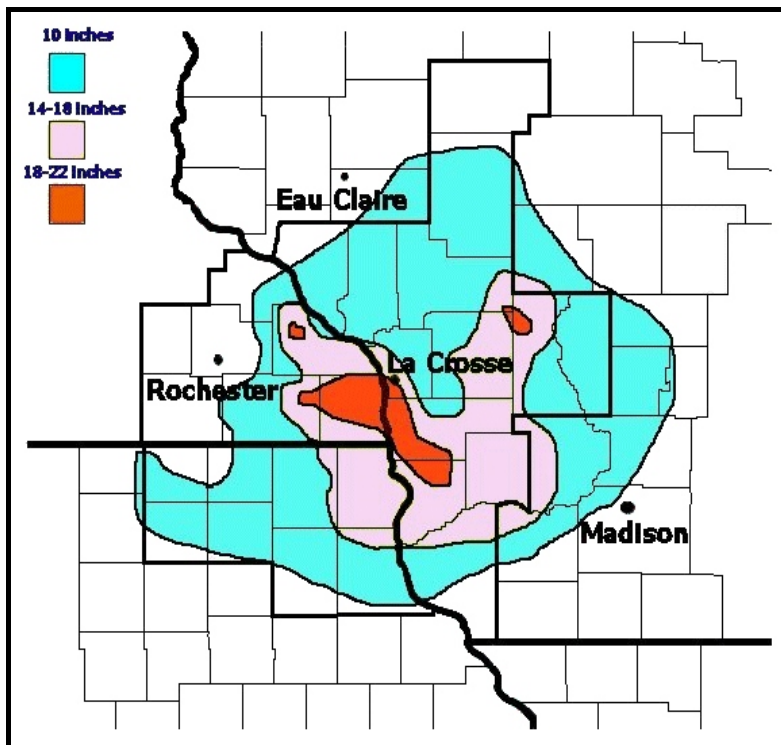


Fig. 2. Map of approximate snow totals.

| Iowa | |
|-------------------|-------|
| Dorchester | 16.5" |
| Waukon | 16.0" |
| Postville | 15.0" |
| Lansing | 13.3" |
| Charles City | 12.3" |
| Decorah | 12.0" |
| Mason City | 11.0" |
| Minnesota | |
| Spring Grove | 19.0" |
| Lanesboro | 18.0" |
| Preston | 15.0" |
| Byron | 14.5" |
| Winona | 12.0" |
| Caledonia | 11.0" |
| Wisconsin | |
| Viroqua | 15.0" |
| Sparta | 14.0" |
| Richland Center | 16.0" |
| La Crosse Airport | 13.0" |
| Cashton | 12.0" |

Table 1. Some snowfall totals from January 26-27, 1996.

Snow/Ice: Halloween Blizzard/Ice Storm of 1991

On Halloween morning, a low pressure system developed over southeast Texas and moved rapidly north northeast, reaching its maximum intensity (984 mb) just east of La Crosse, WI on the afternoon of November 1st. This storm became known as the "Halloween Blizzard" in most of Minnesota and the "Halloween Ice Storm" in Iowa and portions of southeast Minnesota.

Snow moved into southern Iowa during the afternoon of October 30th and then spread into northern Iowa and Minnesota early on October 31st. Warm air aloft wrapping around this low pressure area caused the snow to change into a mixture of snow, sleet, and freezing rain by mid morning on Halloween across southeast Minnesota and much of eastern Iowa, and this mixture continued until the late afternoon of November 1st. 1-2" of ice accumulated from southwest Iowa into north central Iowa, and from 2-3" of ice accumulated across south central and southeast Minnesota.

In Iowa, Interstate 35 was closed down by fallen power lines. 80,000 homes were without power and there was \$63 million in utility damage. Ten to fifteen percent of the corn crop was still in the fields and the combination of ice, snow, and wind from this storm flattened some fields. Crop damage was estimated up to \$5 million. This storm is considered the most costly ice storm in Iowa history. It took over a week to restore power in some rural areas. Governor Terry Branstad declared 52 of 99 counties as disaster areas.

In south central and southeast Minnesota, 11 counties were declared federal disaster areas due to this ice storm. The total damage was \$11.7 million. According to the National Weather Service publication **Storm Data**, "at least 20,000 people experienced power outages from October 31st to November 2nd as many power lines and poles snapped under the weight of the ice. Many rural areas were without power for about a week. Governor Arne H. Carlson declared a state of emergency in Freeborn and Mower counties. The National Guard was called upon to help provide generators to rural farmsteads. The National Guard armory and a local mall in Albert Lea were both used as shelter for many stranded motorists November 1st and 2nd. At the height of the storm, a 180 mile long stretch of interstate 90 from South Dakota border to Rochester was closed."

During the evening of November 1st, arctic air moved into the region, changing the precipitation to all snow. The snow continued until midday on November 2nd; 6 to 10" fell across Winona and Houston counties in southeast Minnesota, and La Crosse county in southwest Wisconsin [Fig. 1]. Meanwhile, 3 to 6" of snow fell across the remainder of southeast Minnesota, portions of western Wisconsin, and a small portion of northeast Iowa. These amounts are small in comparison to the snowfall from Red Wing, MN northward to the Duluth, MN area. This winter storm dropped 28.4" of snow on the Twin Cities (single storm record for the metropolitan record) while Duluth received 36.9" of snow (the largest single storm total in MN history).

Wind speeds of 30 to 50 mph, and gusts to 60 mph on November 1st and 2nd, created blizzard conditions across eastern South Dakota, Minnesota, western Iowa, and extreme western Wisconsin. This storm closed schools, businesses, bridges, and public transportation systems for several days.

At least 20 people died in Minnesota due to traffic accidents or heart attacks from digging out after the storm. In addition, two Wisconsin hunters died when their boat capsized in Lake Onalaska during the storm.

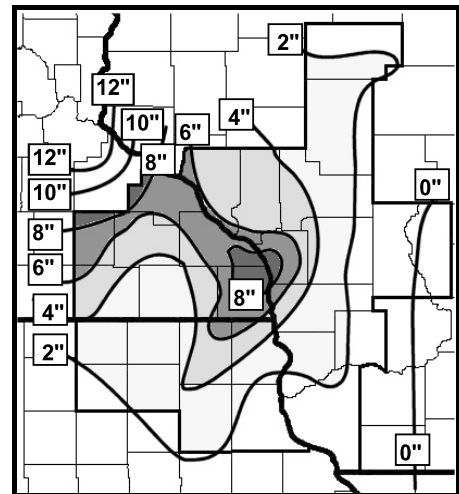


Fig 1. Approx. snowfall totals for portions of southeast MN, northeast IA, and western WI for Nov. 1-2, 1991.

Snow/Ice: The Blizzard of December 2-4, 1990

Low pressure over the Rockies pushed its way into northwest Oklahoma (Fig. 1) during the early morning hours of December 1, 1990. The low intensified rapidly as it moved northeastward into Missouri, causing widespread snow to break out across Iowa on the 2nd. Much of the state of Iowa received 6" or more of snow, except the southeastern half, which saw more freezing rain than snow.

As the winter storm continued its northeastward push, it intensified even more. As snow began falling in southeastern Minnesota, it quickly became heavy, with reports of thunder accompanying the snow over the extreme southeast corner of the state. Winds howling out of the northwest at 50 mph caused whiteout conditions, closing many schools and sending numerous cars into ditches. Snowfall amounts of a foot or more were common over the extreme southeast corner of Minnesota (Table 1).

In Wisconsin, blizzard conditions ravaged the southern two-thirds of the state, depositing more than a foot of snow in a swath from Grant County in southwestern Wisconsin, through Madison to Green Bay. Snowfall amounts of 14-18" were common in these areas, with amounts of 10-12" around the La Crosse area. Adams-Friendship saw the most snow, with 22" falling on the small community. With winds gusting to 60 mph, significant blowing and drifting snow created drifts as high as 7 feet in Madison. Hundreds of car accidents were reported throughout the area, as well as widespread power outages. Nine people in Wisconsin died of heart attacks as a result of shoveling the heavy snow.

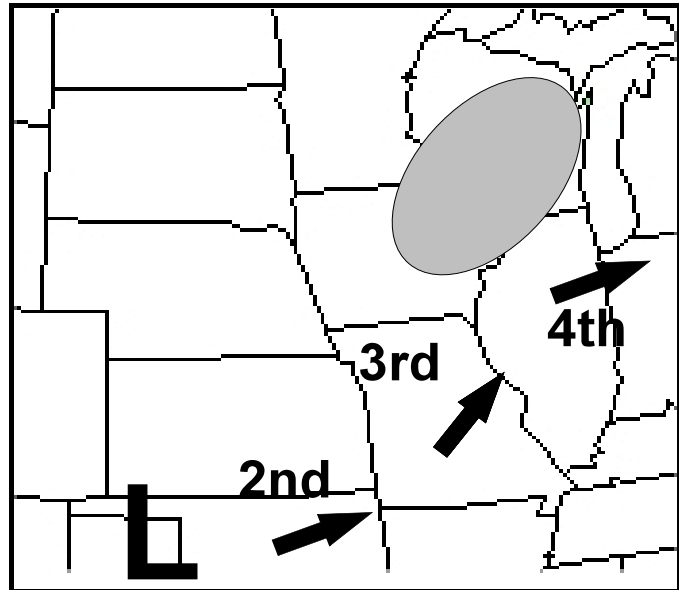


Fig 1. The path and location of the low at 6 am on December 2nd, 3rd, and 4th. The shaded area depicts the location of the heaviest snowfall, which fell mainly on December 3, 1990.

| Iowa | | Minnesota | | Wisconsin | | | |
|-------------|-------|----------------|-------|------------------|-------|------------|-------|
| Elkader | 12.0" | Minnesota City | 14.0" | Platteville | 18.4" | Viroqua | 13.0" |
| Cresco | 10.5" | Caledonia | 13.0" | Lancaster | 16.0" | Alma | 12.0" |
| Fayette | 10.5" | Lanesboro | 13.0" | Trempealeau | 16.0" | Westby | 12.0" |
| Decorah | 10.0" | Wabasha | 9.4" | Mauston | 15.0" | Lynxville | 11.0" |
| Lansing | 9.1" | Grand Meadow | 9.0" | Ontario | 15.0" | Necedah | 11.0" |
| New Hampton | 9.0" | Preston | 8.5" | Sparta | 14.5" | Gays Mills | 9.0" |
| Oelwein | 9.0" | Rochester | 8.4" | La Crosse | 14.4" | Mondovi | 8.0" |
| Osage | 9.0" | | | Dodge | 14.0" | | |
| Mason City | 8.3" | | | Prairie du Chien | 13.0" | | |

Table 1. Snowfall totals for December 2-4, 1990. The bulk of the snow fell on the 3rd.

Snow/Ice: The Snow Storm of May 28-29, 1947

On the morning of May 27, 1947, two areas of low pressure were located over the United States, while a strong arctic high pressure system was located over the Mackenzie Basin in northwest Canada. This high would provide the cold air needed for a winter storm to develop. The strongest area of low pressure was located over central Nevada, and it was this low which would be responsible for the snow storm over the Central Plains, Upper Mississippi Valley, and Upper Michigan.

On the morning of May 28th, the high pressure center had moved rapidly south to southern Saskatchewan. This area of high pressure brought freezing temperatures to the Northern Plains, with temperatures as cold as 15 degrees at Eckman, ND. The sub freezing temperatures caused a partial to total loss of fruits and tender plants. During the day, this cold air surged southward across eastern Nebraska, Iowa, southern Minnesota, and Wisconsin. Many record cold maximum temperatures were established across the region for the day.

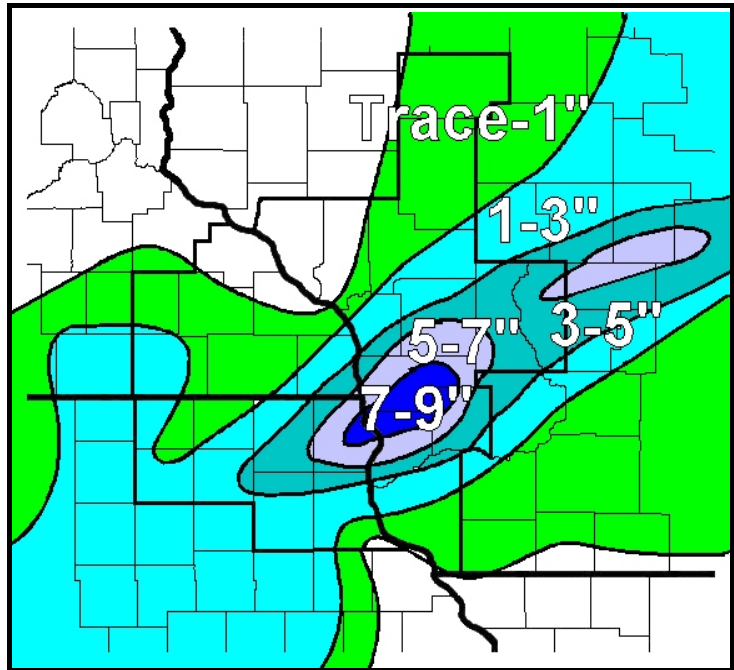


Fig 1. Approximate snowfall totals from May 28-29, 1947.

At the same time this was occurring, the area of low pressure was continuing to strengthen as it moved east through southern Kansas. From the evening of the 27th through the 28th, this low produced a 6-12" snow band from southeast Wyoming east across northern Nebraska into northwest Iowa. The heaviest snow in this band was found in Alliance and Harrison, NE where 12" had fallen.

During the late afternoon and evening of May 28th, the surface low began to move northeast across northern Missouri, northwest Illinois, and southeast Wisconsin. The reason for this change in direction was due to a strong upper level disturbance that had dropped into the base of the upper level trough over Nebraska during the day. This upper level disturbance caused an amplification of the upper level ridge over the Ohio Valley and much of New England. On the cold side of the system, over the Upper Mississippi River Valley, temperatures remained in the 30s and 40s. The cold temperatures changed the rain to snow across southern Minnesota, northeast Iowa, and across much of Wisconsin. This was the latest snow ever reported in a season in this area, with some places experiencing their biggest May snow storm on record.

From the late afternoon of the 28th into the early morning hours of the 29th, 7-10" of snow fell across Allamakee County in northeast Iowa, and Vernon, Crawford, southern Monroe, and Richland Counties in southwest Wisconsin (Fig. 1). The heaviest snowfall amount was 10" in Gays Mills, WI. Meanwhile, a 7-9" band of snow fell across northern Adams, Waushara, Winnebago, Outagamie, and Waupaca Counties in central and east central Wisconsin. The weight of the heavy snow caused severe damage power lines, telephone lines, bushes, and trees.

Snow/Ice: The Armistice Day Storm of November 11, 1940

On November 11, 1940, a rapidly deepening low pressure system moved northeast from Kansas City, MO (Fig. 1), through the Upper Mississippi River Valley, into the Upper Great Lakes where Duluth, MN reported a barometric pressure of 28.66 inches. Armistice Day (now known as Veteran’s Day) began with blue skies and temperatures in the 40s and 50s. The day was so nice that duck hunters dressed in short-sleeved shirts and rushed to the marshes along the Mississippi River early that morning. However, during the late morning and early afternoon, a strong cold front moved through the region. Behind the cold front, the weather became rather blustery and the temperature plunged to the single digits by the next morning (Table 1). The rain turned to sleet and eventually to driving snow. More than twenty duck hunters within a 50 mile radius of Winona, MN remained trapped on the Mississippi River by gusty winds and threatening waves. They had sought shelter on small islands and eventually froze to death. The howling winds and blinding snow brought all movement in Minnesota, Iowa, Wisconsin, and the Dakotas to a grinding halt. Winona, MN received 22" of snow and up to 17" of snow fell in Iowa. Winds estimated at 50 to 80 mph whipped snow into drifts 20 feet deep isolating whole towns. The blizzard left 49 dead in Minnesota, and gales on Lake Michigan caused ship wrecks resulting in another 59 deaths. The storm claimed a total of 154 lives, and killed thousands of cattle in Iowa. More than a million turkeys were killed by the storm in Wisconsin, Minnesota and other states. The storm became known as the “Armistice Day Storm”.

This storm, along with a slow moving blizzard which would move across northern Minnesota in mid March 1941, caused the Weather Bureau to rethink its forecasting procedures. Forecasting for the entire region had been directed by the Chicago office, but in the wake of this storm, responsibilities were distributed to regional centers to provide more timely and accurate predictions.

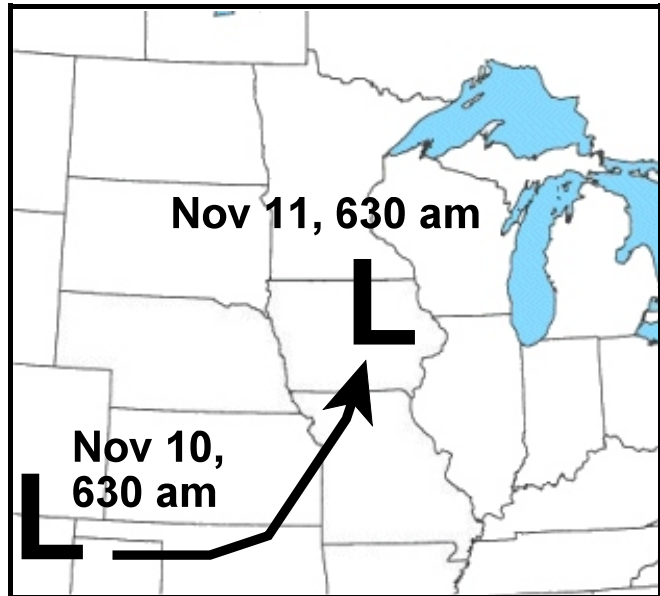


Fig 1. Track of the low pressure center for November 10-11, 1940 (time LST).

| Time (LST) | Temperature (F) |
|------------|-----------------|
| 430 am | 52 |
| 635 am | 49 |
| 735 am | 39 |
| 835 am | 30 |
| 935 am | 25 |
| 1035 am | 21 |
| 325 pm | 14 |

Table 1. La Crosse, WI temperatures for selected times on November 11, 1940.

Snow/Ice: The Ice Storm of February 21-23, 1922

This storm still stands out as one of the worst ice storms ever experienced in Wisconsin. Ice accumulations of 1-2", with a few reports of around 4", built up on trees, poles, and wires. Property damage was a staggering \$10 million in Wisconsin. Additional ice damage was reported in northeast Iowa and southeast Minnesota, but newspaper accounts were rather sketchy on the extent of this damage.

Light rain and freezing rain began falling across the Upper Mississippi River Valley during the afternoon of February 21, 1922. The precipitation intensity increased during the overnight and continued into the evening of the 22nd as a surface low pressure system moved northeast from eastern Kansas to southern Lower Michigan by the morning of the 23rd. There were even reports of an occasional thunderstorm across the region. Precipitation amounts were generally in the 1-3" range; however, there were a few isolated reports of over 4" in central Wisconsin (Fig. 1). In the following locations, February 22, 1922 stands as their wettest February day on record: Fayette, IA (2.42"), Hillsboro, WI (3.00"), Hatfield, WI (1.45"), La Crosse, WI (2.05"), Mather, WI (1.56"), Neillsville, WI (1.78"), Richland Center, WI (1.80"), and Winona, MN (1.65").

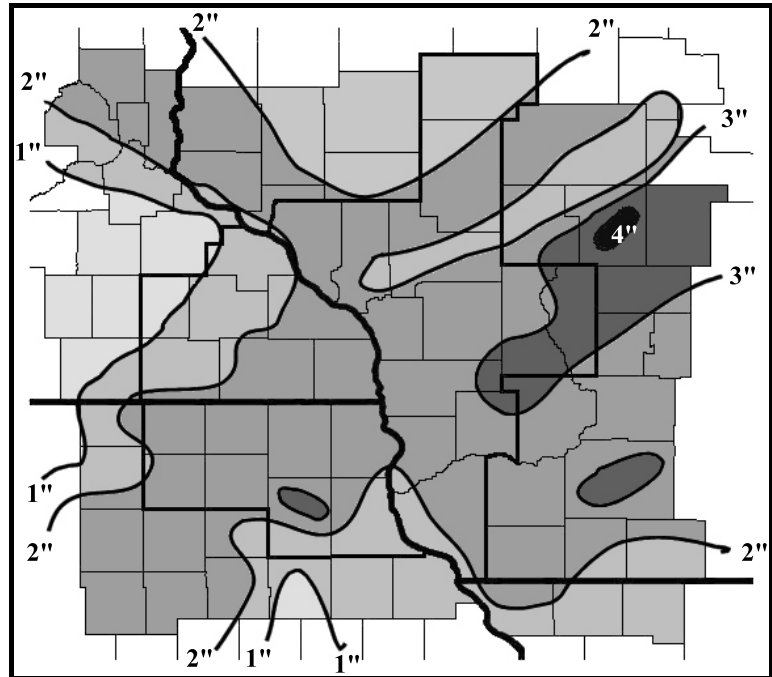


Fig 1. Ice accumulations from February 21-23, 1922.

According to the **February 1922 Monthly Weather Review**, a mixture of rain, sleet, and freezing rain fell across the southern two tiers of counties in Wisconsin. Further north, a mixture of freezing rain and sleet was seen north and west of a line from Prairie du Chien to Sheboygan and south of a line from Lake City, MN to Green Bay, WI. Ice accumulations of 1-2" were common in this area. Meanwhile, the remainder of Wisconsin saw a mix of sleet and heavy snow. Snowfall totals up to 3 feet were reported from Eau Claire to Green Bay.

In Wisconsin, the heavy ice accumulation brought down 15,000-20,000 communication poles. This resulted in interruptions of power, telegraph, and phone service from 2 to 15 days. In addition to the poles, there was considerable damage to timber, shade, and fruit trees. Ice accumulation on train tracks accounted for ten train wrecks as locomotives and cars slid off of their tracks. Minor flooding was reported in La Crosse, Sheboygan, Darlington, Fond du Lac, and a suburb in Milwaukee. This flooding caused considerable inconvenience, but little monetary loss. Fortunately, only two deaths were attributed to this storm.

Heat/Cold: The Arctic Outbreak of February 1-4, 1996

From February 1-4, 1996, arctic temperatures overspread the Upper Mississippi River Valley (Table 1). The culprit was a frigid airmass which moved into the region in late January. With clear skies at night, temperatures plummeted into the 30s below zero over much of the area. This blast of arctic air set all-time record low temperatures for Iowa, Minnesota, and Wisconsin: Elkader, IA (tied the record at -47 on the 3rd); Courderay, WI (-55 on the 4th); and Tower, MN (-60 on the 4th).

The average four-day temperature in Wisconsin during the cold wave was -18.3 degrees, with an even colder -23.6 degree average in Minnesota. In Rochester, MN, temperatures stayed below zero from the morning of the 29th until midnight on the 5th (Fig. 1).

| Location | 2/1/1996 | | 2/2/1996 | | 2/3/1996 | | 2/4/1996 | |
|----------------------|----------|------|----------|------|----------|------|----------|------|
| | High | Low | High | Low | High | Low | High | Low |
| Charles City, IA | -5 | -23* | -12* | -32* | -13* | -30* | 0 | -25* |
| Decorah, IA | -5 | -25 | -13* | -34 | -13* | -41* | 1 | -36* |
| Elkader, IA | -5 | -23 | -5* | -32 | -13* | -47* | 0 | -38* |
| Oelwein, IA | -11* | -28* | -20* | -31* | -15* | -32* | -1 | -22* |
| Austin, MN | -13* | -28 | -19* | -34* | -15* | -31* | 0 | -25* |
| Rochester, MN | -13* | -28 | -20* | -35* | -15* | -30 | 1 | -24 |
| Winona, MN | -4* | -20 | -16* | -31* | -11* | -31* | 4 | -31* |
| La Crosse, WI | -8 | -26 | -13* | -34* | -9 | -36* | 0 | -31* |
| Prairie Du Chien, WI | -1* | -17 | -8* | -29 | -11* | -36* | 0 | -31* |
| Medford, WI | -12* | -35* | -5 | -37* | -19* | -37* | -12* | -37* |

Table 1. Listing of high and low temperatures (F) for February 1-4, 1996. The * denotes a record temperature.

Temperature Trace for Rochester, MN

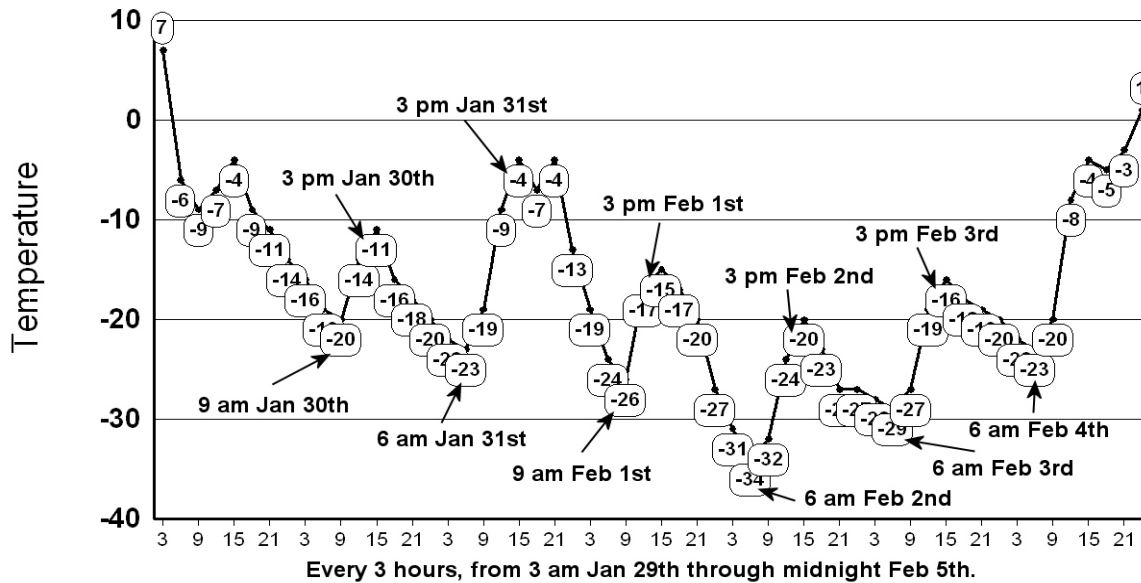


Fig 1. Temperature trace (F) for Rochester, MN.

Heat/Cold: The Heat Wave of July 1995

When most people think of weather related disasters, they tend to focus on tornadoes, hurricanes, severe thunderstorms, etc. How many would include extreme heat in that list? However, one of the deadliest weather related event to affect the United States was the July 1995 heat wave that baked the Midwest and parts of the east coast. Over 1,000 people lost their lives due to this heat wave. On average, around 175 people die each year from heat related causes.

A strong ridge of high pressure was the main cause for the July heat wave. This slow moving feature shifted into the Upper Mississippi River Valley during the early to mid part of July, allowing for a hot and humid air mass to build across the region. Abnormally wet soils to the southwest, across parts of southern Iowa, western Illinois, and Kansas and Missouri, aided the extreme conditions. Steady south to southwest winds moved across these moisture laden areas, increasing the humidity in the air as it traveled into the Upper Mississippi River Valley and Great Lake States. These high humidity values, along with high temperatures, produced heat indices above 110 degrees, and over 120 in some locations*. The main stretch for the deadly heat was from July 12th-15th, with the 13th being the hottest day. On the 13th, La Crosse's heat index topped 100 for nearly the entire day (Table 1), while the high temperature of 108 tied (with July 14, 1936) for the hottest on record. Rochester experienced 100 degrees or greater heat index values for the afternoon and early evening (Table 2). There have been hotter periods on record, but it was the combination of the heat and the abnormally high humidities that made this event so significant.

July wasn't the only hot stretch during the summer of 1995, as both June and August brought stretches of 90 degree or greater high temperatures to the region. La Crosse, WI would experience 37 days of 90 degrees or better throughout the summer months, second most after the summer of 1988 (46 days).

| Time (CDT) | Temp | Dewpoint | RH | Heat Index |
|------------|------|----------|-----|------------|
| 9 am | 89 | 77 | 68% | 102 |
| 10 am | 96 | 81 | 62% | 118 |
| 11 am | 97 | 73 | 46% | 109 |
| Noon | 101 | 73 | 41% | 114 |
| 1 pm | 102 | 73 | 40% | 116 |
| 2 pm | 107 | 72 | 33% | 121 |
| 3 pm | 108 | 67 | 27% | 117 |
| 4 pm | 108 | 65 | 25% | 115 |
| 5 pm | 108 | 70 | 30% | 120 |
| 6 pm | 105 | 73 | 36% | 119 |
| 7 pm | 101 | 75 | 44% | 117 |
| 8 pm | 97 | 77 | 53% | 114 |
| 9 pm | 92 | 78 | 64% | 108 |
| 10 pm | 90 | 79 | 70% | 106 |
| 11 pm | 89 | 79 | 72% | 104 |

Table 1. La Crosse Airport observations for July 13, 1995.

| Time (CDT) | Temp | Dewpoint | RH | Heat Index |
|------------|------|----------|-----|------------|
| Noon | 93 | 71 | 49% | 102 |
| 1 pm | 95 | 72 | 48% | 105 |
| 2 pm | 96 | 73 | 48% | 108 |
| 3 pm | 98 | 73 | 45% | 110 |
| 4 pm | 99 | 73 | 44% | 112 |
| 5 pm | 98 | 75 | 48% | 113 |
| 6 pm | 95 | 77 | 56% | 111 |
| 7 pm | 92 | 78 | 64% | 108 |
| 8 pm | 89 | 79 | 72% | 104 |

Table 2. Rochester Airport observations for July 13, 1995.

* For more information on the heat index, see the Appendix.

Heat/Cold: The Heat Wave of July 1936

The “Dust Bowl” years of 1930-36 brought some of the hottest summers on record to the United States, especially across the Plains, Upper Midwest and Great Lake States. For the Upper Mississippi River Valley, the first few weeks of July 1936 provided the hottest temperatures of that period, including many all-time record highs (Table 1).

The string of hot, dry days was also deadly. Nationally, around 5,000 deaths were associated with the heat wave.

In La Crosse, WI, there were 14 consecutive days (July 5th-18th) where the high temperature was 90 degrees or greater, and 9 days that were at or above 100. Six record July temperatures set during this time still stand, including the hottest day on record with 108 on the 14th (this was later tied on July 13, 1995). The average high temperature for La Crosse during this stretch of extreme heat was 101.

Several factors led to the deadly heat of early July 1936:

- A series of droughts effected the U.S. during the early 1930s. The lack of rain parched the earth and killed vegetation, especially across the Plains states.
- Poor land management (farming techniques) across the Plains furthered the impact of the drought, with lush wheat fields becoming barren waste lands.
- Without the vegetation and soil moisture, the Plains acted as a furnace. The climate of that region took on desert qualities, accentuating its capacity to produce heat.
- A strong ridge of high pressure set up over the west coast and funneled the heat northward across the Upper Midwest and Great Lakes.

As a result of the “Dust Bowl”, new farming methods and techniques were developed, along with a focus on soil conservation. This has helped to avert or minimize the impact of a prolonged drought.

| Location | Temperature | Date |
|---------------------|-------------|--------------|
| Decorah, IA | 111 | July 14 |
| Mondovi, WI | 110 | July 14 |
| New Hampton, IA | 110 | July 13 |
| Richland Center, WI | 110 | July 14 |
| Hatfield, WI | 108 | July 14 |
| La Crosse, WI | 108 | July 14 |
| Lancaster, WI | 108 | July 14 |
| Rochester, MN | 108 | July 11 & 14 |
| Viroqua, WI | 108 | July 13 |
| Grand Meadow, MN | 106 | July 14 |
| Mather, WI | 106 | July 14 |
| Medford, WI | 104 | July 13 |

Table 1. All-time record high temperatures set in July 1936.

Heat/Cold: Record Cold of February 1899

One of the most significant cold outbreaks to ever affect the United States occurred during the beginning of February 1899. An arctic area of high pressure sank southeast from northwest Canada, moving over the southern Plains by the morning of the 12th (Fig. 1). Low temperatures at or below zero extended from Montana into central Texas, and then northeast through Maine that morning. Temperatures at -20 F or colder gripped most of the Plains and Upper Mississippi River Valley. In fact, it was so cold that ice actually flowed down the Mississippi River and out into the Gulf of Mexico on the 17th.

The coldest period for the Upper Mississippi River Valley was from the 7th through the 12th (Table 1). During this time, low temperatures averaged around -30 F, while high temperatures were lucky to approach zero. The region averaged 30 to 40 degrees below normal for the 6 day stretch. Many record cold temperatures were set during this period.

Temperatures warmed back to seasonable normals by the 14th, and would continue near or above the normal through the end of the month. Despite this warmup, February 1899 continues to be one of the 5 coldest Februaries on record throughout much of the Upper Mississippi River Valley.

| Location | Average High | Average Low | Mean | Departure from Normal |
|------------------|--------------|-------------|-------|-----------------------|
| Cresco, IA | -10.0 | -30.5 | -20.2 | -36.7 |
| Decorah, IA | -8.3 | -28.8 | -18.6 | -35.5 |
| Elkader, IA | -3.3 | -24.2 | -13.8 | -31.9 |
| New Hampton, IA | -8.2 | -25.7 | -16.9 | -34.0 |
| Caledonia, MN | -7.3 | -30.2 | -18.8 | -35.5 |
| Grand Meadow, MN | -11.8 | -32.0 | -21.9 | -37.8 |
| Lake City, MN | -8.0 | -32.3 | -20.1 | -35.5 |
| St. Charles, MN | -8.0 | -28.7 | -18.3 | -34.4 |
| La Crosse, WI | -7.7 | -26.7 | -17.2 | -33.7 |
| Lancaster, WI | -5.7 | -24.7 | -15.2 | -33.7 |
| Neillsville, WI | -13.0 | -37.0 | -25.0 | -39.7 |
| Viroqua, WI | -7.8 | -26.7 | -17.2 | -34.4 |

Table 1. Temperatures for selected locations for February 7-12, 1899.

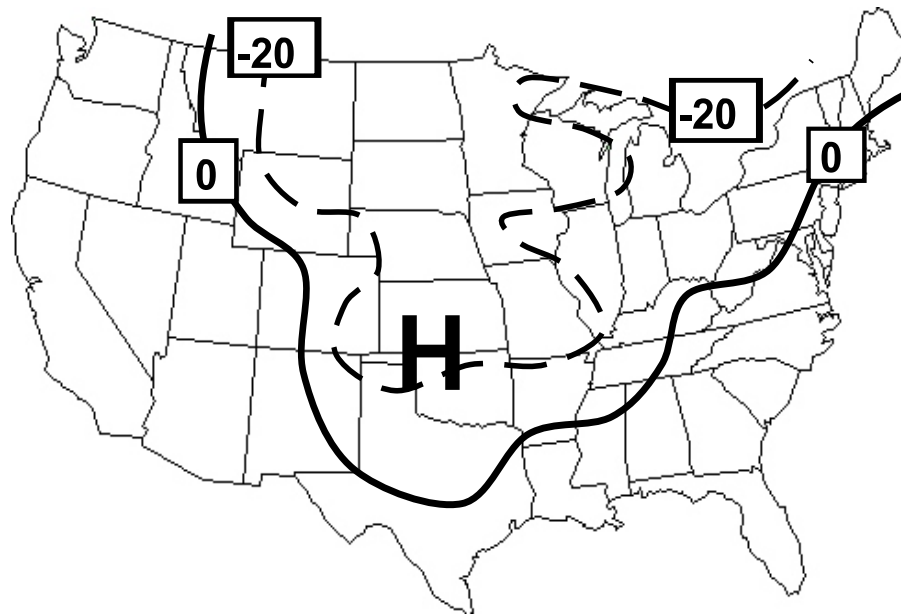


Fig 1. Low temperatures and position of high pressure at 8 am February 12, 1899.

Flooding: The Mississippi River Flood of 2001

Each spring, water from melting winter snows, combined with rainfall upon the snow or frozen ground, can cause flooding along the Mississippi River. The initial spring flood outlook in February 2001 called for locations to stay at or below flood stage. However, March storms brought significant snows to parts of Minnesota and Wisconsin. Cold temperatures in the north helped limit the amount of melting of the snow pack, although locations such as La Crosse, WI, Winona, MN and points south lost their snow cover by the end of March.

On April 5th and 6th, and then again on the 11th, showers and thunderstorms brought heavy rains to the Upper Mississippi River Valley. These rains, in excess of several inches in some locations, caused a rapid snow melt. Water from this snow melt, in addition to rain itself, funneled into area streams, creeks and rivers, causing rapid rises and flooding. Eventually, most of this water flowed into the Mississippi River.

The Mississippi River responded quickly for a river of its size, reaching flood stage from the impact of the first rains within a week. The additional rainfall on the 11th had the added impact of not only increasing the height of the crests, but extending the length of time locations remained above flood stage (Table 1). The last site in the local area finally dropped below flood stage on May 18th. Some tributaries went above flood stage more than once.

The flood brought the 2nd to 3rd highest crest on record to many Mississippi River locations (Fig 1). In addition, the flooding brought national media to the region, with live reports as the river reached its crests.

| Location | Above Flood Stage | |
|----------------|-------------------|------|
| | From | To |
| Lake City, MN | 4/11 | 5/18 |
| Wabasha, MN | 4/10 | 5/16 |
| Alma, WI | 4/13 | 5/4 |
| Winona, MN | 4/11 | 5/13 |
| La Crosse, WI | 4/12 | 5/14 |
| Lansing, IA | 4/16 | 5/11 |
| McGregor, IA | 4/13 | 5/18 |
| Guttenberg, IA | 4/14 | 5/16 |

Table 1. Month and day the Mississippi River went above and below flood stage in 2001.

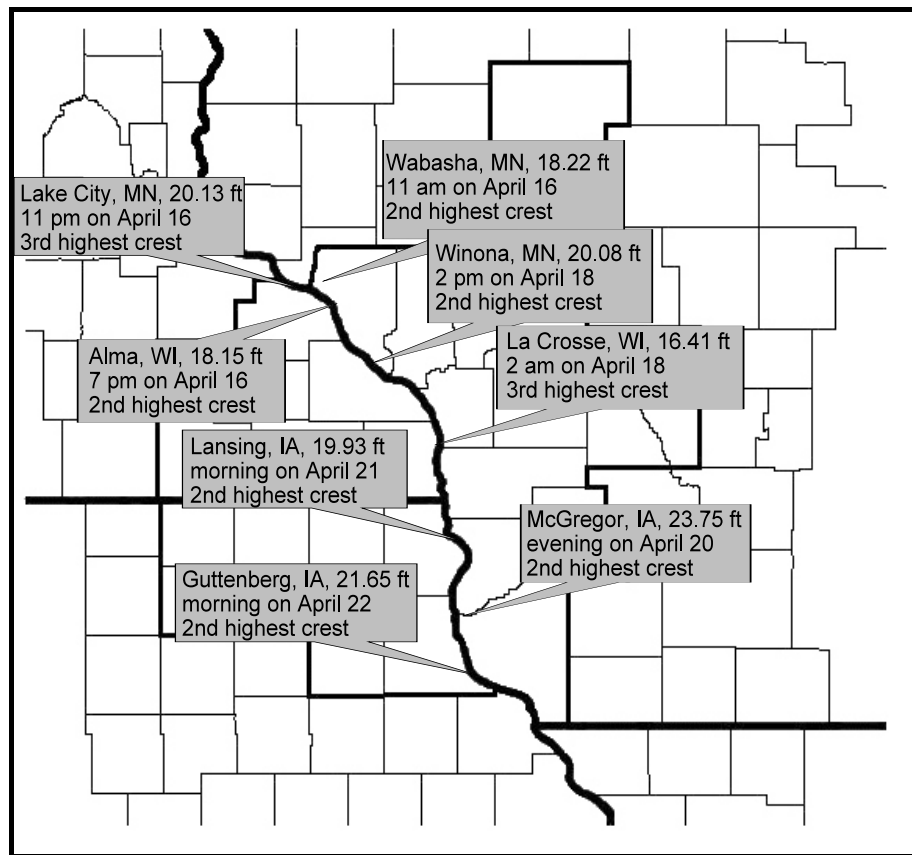


Fig 1. Location, crest, time of crest, and historical rank of crest in the 2001 Mississippi River flood.

Flooding: The Cedar River Flood of July 20-21, 1999

A series of thunderstorms affected portions of northeast Iowa from July 18th through early on the 21st. The slow moving thunderstorms drenched the region, dropping copious amounts of rain across the area (Fig. 1). Most creeks, streams and rivers in Chickasaw and Floyd Counties were at bankfull or flooding. Many roads were impassable.

On the Cedar River, approximately 100 homes in Charles City, IA had some type of flood damage. Only the Main Street bridge was passable and flood waters had crossed sections of Highway 218 closing businesses. The river level was so high that the gauge actually went under water. The river crested at an estimated 22.80" feet in Charles City on the 21st, which is its highest crest on record. Additionally, rain from a few days earlier caused the river to crest at 18.26" feet on the 19th, which was the 9th highest crest on record at that time.

Downstream in Nashua, IA the water had topped the dam at Cedar Lake, flooding nearby homes. Some water crossed Highway 346 and had backed up along the train bridge there, allowing water to rise into the downtown area. Sandbagging efforts were in full swing as the river crested.

Sections of the Wapsipinicon and Little Wapsipinicon Rivers were nearly a mile wide, flooding nearby fields and closing sections of Highways 18, 346 and 63.

Mitchell, Floyd, Chickasaw and Howard Counties were declared federal disaster areas.

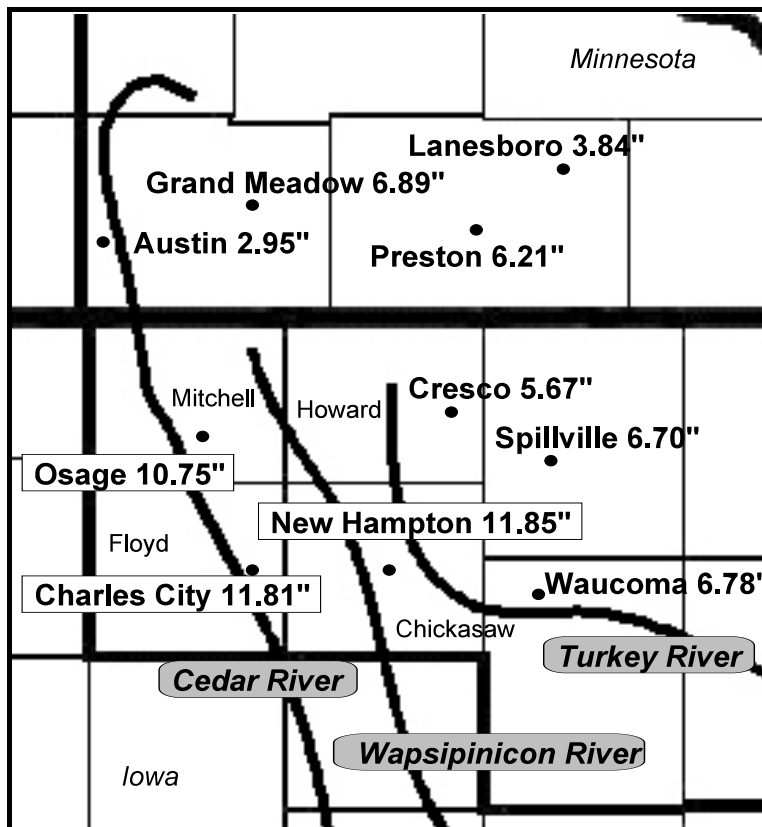


Fig 1. 48-hour rainfall totals from July 18-20, 1999 (7am to 7am CDT).

Flooding: The Mississippi River Flood of 1965

The spring Mississippi River flood of 1965 stands as the flood of record for nearly half of the river's length (from about 100 miles north of Minneapolis, MN to Hannibal, MO). At the time, the crests of that April (Fig. 1) exceeded previous records by several feet at many river gage sites. To this day, those record crests still out distance the 2nd highest crest by a foot or more at many of those same sites. The flood caused \$225 million in damage to public and private properties, with \$173 million of that occurring along the main stem of the Mississippi River. Emergency actions and evacuations, based on National Weather Service forecasts, prevented approximately \$300 million in additional damage.

Several factors contributed to this record flood:

- An early freeze in the fall of 1964 which lowered the frost depth deeper than usual.
- Significant snowfall in March across the region (300% above normal in east and east central Minnesota).
- Below normal temperatures for the last half of March and start of April, preventing the gradual melting and runoff of the snowpack.
- Heavy rainfalls in early to mid April, falling upon the snowpack and frozen grounds. With nowhere to go due to the frozen ground, the rain and melted snow quickly found their way into the Mississippi River and its tributaries. This runoff would create the record flood.

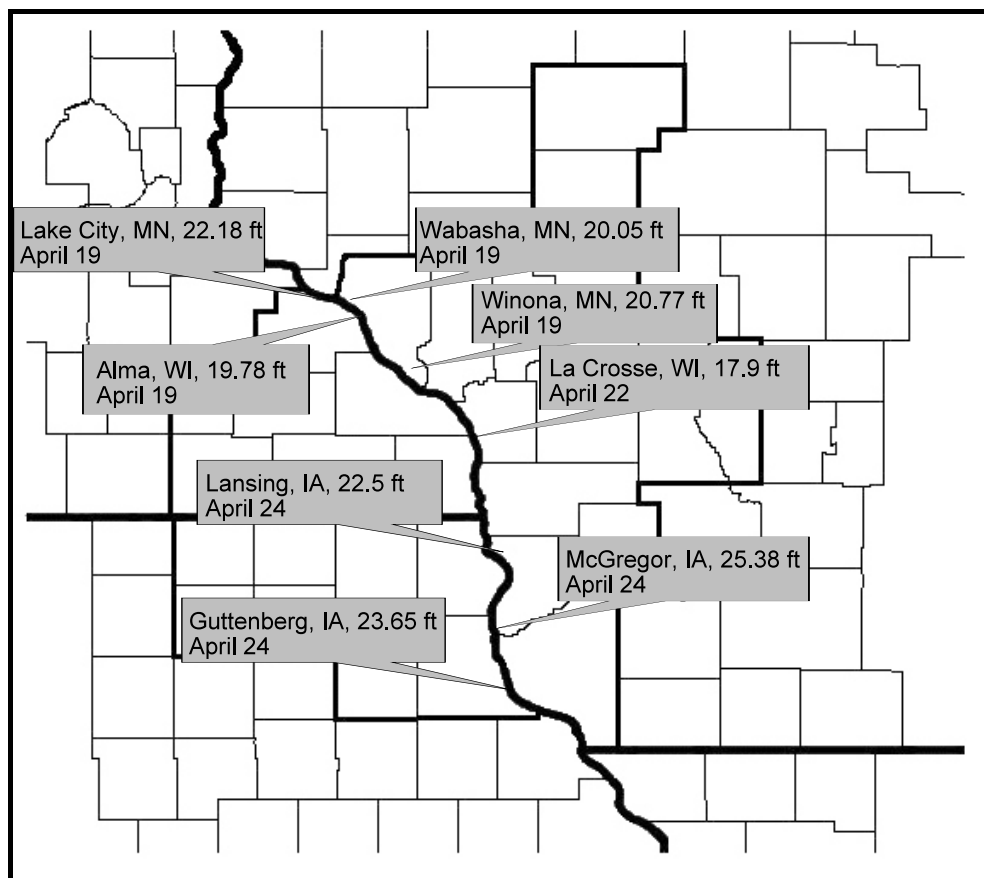


Fig 1. Location, crest, and day of crest for the 1965 Mississippi River flood. All locations listed recorded their all-time record crest.

Wind: The Wind Storm of October 10, 1949

On October 10, 1949, one of the most devastating wind storms to affect the region moved from the Central Plains northeast into the Upper Mississippi River Valley, and western Great Lakes. Residents in the region woke up to heavy rain and thunderstorms. Forecasts were for south winds up to 25 mph during the day. The only indication of the impending winds to come later in the morning was a report of a 120 mph wind for 7 minutes in Boulder, CO shortly after midnight.

The low pressure system responsible for this wind storm developed over northeast New Mexico during the morning of October 9th. This system rapidly intensified as it moved north northeast through the Central Plains during the evening of the 9th and early morning hours of the 10th (Fig. 1). By 6:30 am on the 10th, a very strong low pressure area was located over central South Dakota. It was about that time that Huron, SD recorded a barometric pressure reading of 28.70 inches (972 millibars) which was a record for that location. An occluded front extended southeast of this low pressure system across Iowa. This front moved north through Iowa, southern Minnesota, and southern Wisconsin during the morning, and then through northern Minnesota, northern Wisconsin, and western Upper Michigan during the afternoon.

Shortly after this front moved through, the south winds increased rapidly. From late morning through the afternoon, winds up to hurricane force were experienced across much of Minnesota, northern Iowa, western Wisconsin, and western Upper Michigan. At 1:27 pm on the 10th, the airport in Rochester, MN recorded sustained south southwest winds of 65 mph with gusts to 100 mph. In La Crosse, WI, the sustained winds reached 57 mph with gusts to 75 mph. In Austin, MN, the sustained winds reached 45 mph with wind gusts to 82 mph.

These winds partially or totally destroyed barns, outbuildings, garages, silos, hangars, neon signs, billboards, greenhouses, windmills, water towers, and drive-in-theaters (including one playing "Gone With the Wind" in Austin, MN). Shingles were torn off roofs and hundreds of trees were uprooted. Telephone and electric service were badly disrupted. The winds also blew in numerous plate glass windows injuring several people. Corn crops across the region were flattened. The damage to corn was greatly reduced by unusually favorable weather that followed the storm and permitted hand picking. However, the loss was considerable as much of the salvaged corn was good for only livestock feed, and in many instances extra labor had to be hired. In La Crescent, MN, thousands of bushels of late apples were torn from branches and were declared of little commercial value. Structural damage in Minnesota, Wisconsin, and Iowa was estimated at \$6.5 million. The Associated Press reported that the wind storm caused 16 deaths (4 in Minnesota and 6 in Wisconsin).

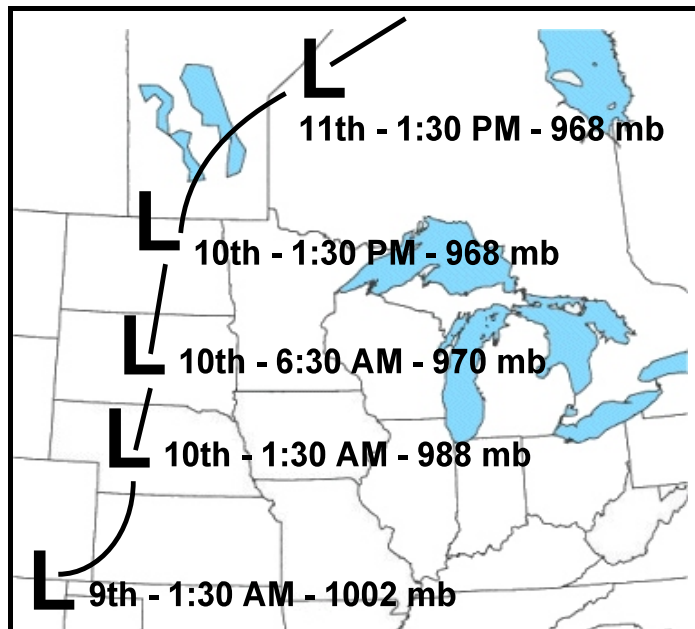


Fig. 1 Track of surface low pressure area from October 9-11, 1949.

Section 3:

Calendar Day Historical Weather Information

| Day | Weather Event |
|-------------------------|--|
| <p>January 1</p> | <ul style="list-style-type: none"> ● In 1999, La Farge, WI (8"), Osage, IA (6") snow. ● In 1985, Platteville, WI (7.5"), Elkader, IA (6") snow. ● In 1979, Lynxville, WI (6.5") snow. ● In 1978, a winter storm brought snow amounts of: In IA: Elkader (10"), Decorah (9"), Charles City (8"), Fayette (8"), Lansing (8"), Waucoma (8"), New Hampton (7"), Osage (7"), Oelwein (6"). In MN: Grand Meadow (8"), Caledonia (7"), Lanesboro (6.4"), Wabasha (6"). In WI: Prairie du Chien (12"), Mauston (9"), Readstown (9"), Galesville (8"), Lancaster (8"), Muscoda (8"), Platteville (6.2"), Cashton (6"), Genoa (6"), Lynxville (6"), Richland Center (6"), Trempealeau (6"), Viroqua (6"). ● In 1971, Harmony, MN (16", greatest one-day snowfall). ● In 1949, La Crescent, MN (7") snow. ● In 1942, Fayette, IA (13"), New Hampton, IA (8") snow. ● In 1919, snow began on New Year's Eve and continued into the afternoon on New Year's Day. Totals ranged from: Viroqua, WI (8"), La Crosse, WI (7.6"), New Hampton, IA (7.5"), Fayette, IA (7"). The snow caused train delays. ● In 1897, record warmth was felt across northeast Iowa, southwest and central Wisconsin. The following locations recorded their warmest January temperature: In IA: Elkader (64), Cresco (54). In WI: Prairie du Chien (66), Lancaster (60), La Crosse (57, tied with January 25, 1981), Viroqua (55), Medford (52). The temperature at Prairie du Chien also set a state record for the warmest January temperature. |
| <p>January 2</p> | <ul style="list-style-type: none"> ● In 2000, a narrow band of heavy snow moved from southeast Minnesota across Buffalo, Clark, Taylor, and Trempealeau counties in Wisconsin between 9 AM and 1 PM. This band was accompanied by thunder and lightning, which produced snowfall rates as much as 2-3" per hour. Some snowfall totals: Mondovi, WI (7.8"), Rochester, MN (7"), Arcadia, WI (6"), Blair, WI (6"), Gad, WI (6"). ● In 1999, the first winter storm of the season brought 8-13" of snow to southwest and central Wisconsin. Strong northeast winds created 2-4 foot drifts, making many roads impassable. The highest snowfall accumulations of 12-13" were reported by cooperative observers at Lancaster, Mauston, and Wilton. The snow began at 10 PM on the 1st and ended at 7 AM on 3rd. Six injuries were indirectly attributed to this storm. Some other snow amounts: In IA: Elkader (12"), Decorah (7"), Oelwein (7"), Waukon (7"), Waucoma (6"). In MN: Winona (7.8"), Hokah (6"). In WI: Readstown (10"), Galesville (9"), Viroqua (9"), Platteville (6"), Prairie du Chien (6"), Ontario (6"). ● In 1986, Platteville, WI (11.4") snow. ● In 1982, Dorchester, IA (6"), Elkader, IA (6"), and Ontario, WI (6") snow. ● In 1979, the temperature at Jump River, WI plunged to -47. This is their coldest temperature on record (later tied on December 19, 1983). ● In 1966, Winona, MN (7"), Grand Meadow, MN (6"), Dodge, WI, (6"), Jump River, WI, (6"), Mondovi, WI, (6"), Trempealeau, WI, (6") snow. ● In 1942, Viroqua, WI (6.5") snow. |

January 3

- In 2000, Goodrich, WI (8"), Owen, WI (6") snow.
 - In 1999, a winter storm brought snow amounts of:
In WI: Gays Mills (10"), Lynxville (10"), Genoa (9"), Mauston (9"), Richland Center (9"), Platteville (8"), Sparta (8"), Muscoda (7.2"), Alma (7"), Prairie du Chien (7"), Westby (7"), Hillsboro (6").
In IA: Fayette (6.1"), Postville (6").
In MN: Cuba City (12"), La Crescent (9").
 - In 1986, Lancaster, WI (13", tied March 6, 1959 for greatest one-day snowfall), Fayette, IA (9"), Elkader, IA (6"), and Goodrich, WI (6") snow.
 - In 1982, Muscoda, WI (10"), Lake City, MN (7.5"), Marble Rock, IA (6"), Prairie du Chien, WI (6"), and Viroqua, WI (6") snow.
 - In 1975, Dorchester, IA (6") snow.
 - In 1973, in MN: Austin (9"), Rochester (8.5"), Elgin (7.5"), and Preston (6") snow.
 - In 1971, Theilman, MN (13", greatest one-day snowfall), Richland Center, WI (7"), and Platteville, WI (6.5") snow.
 - In 1970, La Crosse, WI (10") snow.
 - In 1951, Lancaster, WI (6") and Richland Center, WI (6") snow.
 - In 1944, this day was the last of a streak of 56 consecutive days in La Crosse, WI without more than a trace of precipitation falling. The streak started on November 9, 1943. There were 11 days with a trace of precipitation.
 - In 1911, a strong cold front moved through central Wisconsin. After a high temperature of 30 at Blair, WI, the temperature plunged to -34. This 64 degree temperature difference is the greatest ever recorded in Blair.
 - In 1906, 1.55" of precipitation fell at Charles City, IA making it their wettest January day. Fayette, IA (11.5") and Viroqua, WI (7") snow.
 - In 1874, La Crosse, WI had their warmest January temperature at 57. This was later tied on January 1, 1897 and January 25, 1981.
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January 4

- In 1999, Fayette, IA (6.1") snow.
- In 1998, ice accumulations of 1/4 to 3/4 of an inch across southwest and central Wisconsin resulted in numerous accidents, but no serious injuries were reported. With only light winds accompanying the storm, power outages were localized. Stronger winds could have caused more widespread outages. Property damage was estimated at \$66,500.
- In 1994, Trempealeau, WI (7") snow.
- In 1990, Platteville, WI (6.4") and Lancaster, WI (6") snow.
- In 1982, a winter storm brought snow amounts of:
In IA: Lansing (6").
In MN: Winona (6").
In WI: Hillsboro (10.3"), Mauston (8"), Readstown (8"), Richland Center (8"), Viroqua (8"), Lancaster (6"), Necedah (6").
- In 1973, a winter storm brought snow amounts of:
In IA: Osage (9.5"), Charles City (7"), New Hampton (7"), Cresco (6.2"), Waucoma (6").
In MN: Winona (12.5"), Grand Meadow (12"), Harmony (12"), Lanesboro (11"), Minnesota City (11"), Lake City (7"), Wabasha (7"), La Crescent (6").
In WI: Dodge (14.2"), Trempealeau (11"), Alma (10"), Hatfield (7"), Jump River (6.5"), Galesville (6"), Owen (6").
- In 1971, one of the most significant snow storms on record hit the area on this day, producing blizzard conditions from Kansas into Wisconsin. One-day snowfall records were set all across the region:
In IA: Waucoma (15", tied March 8, 1959 for greatest one-day snowfall), Charles City (13", greatest one-day snowfall), Fayette (13"), Dorchester (12"), Elkader (12"), Waukon (12"), Lansing (11"), Cresco (10"), Osage (10").
In MN: La Crescent (16", tied March 6, 1959 and March 14, 1997 for greatest one-day snowfall), Caledonia (15"), Spring Grove (12.5"), Grand Meadow (12"), Lake City (11.1"), Wabasha (9.5"), Lanesboro (9"), Minnesota City (9"), Elgin (6").
In WI: Sparta (18", greatest one-day snowfall), Hatfield (17"), Mather (16.5"), Genoa (16", greatest one-day snowfall), Muscoda (16", greatest one-day snowfall), Trempealeau (16"), Dodge (14"), Prairie du Chien (14"), Curtiss (13", tied November 19, 1957 for greatest one-day snowfall), Goodrich (13"; 1.05" water equivalent, wettest January day), Mauston (13", tied January 27, 1996 for greatest one-day snowfall), Viroqua (13"), Hillsboro (12", greatest one-day snowfall), Lancaster (12"), Westby (12"), Alma (11"), Lynxville (11"), Neillsville (10"), Readstown (10"), Owen (6").
- In 1951, Muscoda, WI (6") snow.
- In 1943, Grand Meadow, MN (7") snow.
- In 1922, Viroqua, WI (12"), La Crosse, WI (11.5") and New Hampton, IA (10") snow.
- In 1910, Fayette, IA (12") and New Hampton, IA (10") snow.

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| <p>January 5</p> | <ul style="list-style-type: none"> ● In 1994, a significant snowstorm struck central and southern Wisconsin. Snowfall of 4-8" were common with an area of 8-10" observed in the central parts of the state. Schools were closed or dismissed early and a number of accidents were reported. Some snow amounts: Medford, WI (10") and Spring Grove, MN (6"). ● In 1991, Grand Meadow, MN (9"), Elkader, IA, (6"), Lancaster, WI (6"), Oelwein, IA, (6"), and Winona, MN, (6") snow. ● In 1951, Sparta, WI (7"), Austin, MN (6.3"), and Cresco, IA (6") snow. The 6" at Cresco, IA raised the snow depth to 27". This is the greatest snow depth ever recorded in Cresco. ● In 1946, it was a very wet day by January standards across northeast Iowa and southwest Wisconsin. The following locations recorded their wettest January day: In IA: Cresco (1.90"), New Hampton (1.71"), Oelwein (1.60"). In WI: Prairie du Chien (1.73"), Platteville (1.68"), La Crosse (1.67"), Richland Center (1.21"). ● In 1932, Winona, MN (13.5"), New Hampton, IA (7.5"), Grand Meadow, MN (7"), and Fayette, IA (6") snow. ● In 1929, snow fell from the evening of the 4th through the evening of the 5th, with totals of: La Crosse, WI (10.1"), Fayette, IA (10"), Viroqua, WI (9"), and New Hampton, IA (6"). |
| <p>January 6</p> | <ul style="list-style-type: none"> ● In 1994, in WI: Goodrich (7"), Jump River (7"), Cashton (6"), and Mather (6") snow. ● In 1980, Curtiss, WI (6") snow. ● In 1951, Lansing, IA (6.4") snow. ● In 1946, the following locations recorded their wettest January day: Fayette, IA (1.40"), Genoa, WI (1.35"), Lynxville, WI (1.28"). ● In 1888, Rochester, MN (1.50", wettest January day). |
| <p>January 7</p> | <ul style="list-style-type: none"> ● Based strictly on climatology, this day is the 'driest' day on record for La Crosse, WI, with measurable precipitation occurring about 14% of the time. ● In 1980, Mather, WI (10.2"), Mondovi, WI (7"), Grand Meadow, MN (6.5"), Goodrich, WI (6.5"), Hatfield, WI (6"), Hokah, MN (6"), and Osage, IA (6") snow. ● In 1967, a winter storm brought snow amounts of: In WI: Galesville (7"), Goodrich (7"), Hatfield (7"), Mather (7"), Neillsville (7"), Alma (6"), Mondovi (6"), Trempealeau (6"). In MN: Minnesota City (8"), Wabasha (8"). ● In 1913, Fayette, IA (6.5") and Viroqua, WI (6") snow. ● In 1912, Blair, WI (-49, coldest temperature on record) and Medford, WI (-40, coldest January temperature). ● In 1887, Rochester, MN (-42, coldest temperature on record). |
| <p>January 8</p> | <ul style="list-style-type: none"> ● In 2002, a strong warm front moved east across southeast Minnesota, northeast Iowa, and southwest and central Wisconsin during the day. Temperatures across the region ranged from 37 at Medford, WI to 57 at Oelwein, IA. The temperature at Oelwein was their warmest January temperature. However, this new record would only last about 2 weeks before a new all-time January temperature record would be established there on January 23rd. ● In 1978, a strong arctic cold front pushed southeast through the region. Prior to the cold front, Owen, WI had a high temperature of 32. However, by the end of the day, the temperature had plunged to -25. This 57 degree temperature difference is the greatest ever recorded in Owen. ● In 1939, this day began the start of 18 straight days with at least a trace of precipitation for La Crosse. ● In 1937, Winona, MN (8") snow. |

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| January 9 | <ul style="list-style-type: none"> ● In 1982, Ontario, WI (6") snow. ● In 1971, Lake City, MN (7") snow. ● In 1929, La Crosse, WI (8.1") snow. |
| January 10 | <ul style="list-style-type: none"> ● In 1924, a mixture of rain and snow began across the La Crosse, WI area during the afternoon of the 9th. The precipitation changed to all snow that night, and continued into the afternoon of the 10th. A total of 6.9" of snow fell in La Crosse. ● In 1901, Fayette, IA (10") and La Crosse, WI (7.5") snow. |
| January 11 | <ul style="list-style-type: none"> ● In 1996, Winona, MN (6") snow. ● In 1991, Decorah, IA (6.3") snow. ● In 1976, Lake City, MN (7") and Goodrich, WI (6.8") snow. ● In 1963, Elkader, IA (6") snow. ● In 1905, Viroqua, WI (6") snow. |
| January 12 | <ul style="list-style-type: none"> ● In 2000, a narrow band of snow remained nearly stationary across Adams, Buffalo, Clark, Jackson, Juneau, and Trempealeau Counties in southwest and central Wisconsin between 8 AM and 11:30 PM. The snowfall rates were as much as ½ to 1 inch per hour. Rome (12"), Osseo (11"), Merrilan (10.5"), and Mondovi (8") snow. ● In 1993, Austin, MN (10"), Elgin, MN (9.8"), Rochester, MN (8.4"), Oelwein, IA (7"), Decorah, IA (6"), and Dodge, WI (6") snow. ● In 1968, La Crosse, WI (3.5") snow. This was the latest in a winter that La Crosse had gone without having a one inch or greater snowfall. ● In 1963, a winter storm brought snow amounts of: In IA: Dorchester (9.5"), Lansing (9"), Decorah (8"), Osage (8"), Cresco (6"), Fayette (6"). In MN: Caledonia (9"), La Crescent (7.8"), Waucoma (7"), Grand Meadow (6"), Harmony (6"), Winona (6"). In WI: Mauston (9"), Mather (8.4"), Genoa (8"), Hillsboro (8"), Lynxville (8"), Sparta (7.5"), Viroqua (7"), Trempealeau (6.5"), Readstown (6"), Muscoda (6"). ● In 1960, Elkader, IA (1.55", wettest January day). ● In 1938, Fayette, IA (9") snow. ● In 1935, Winona, MN (11.5") snow. ● In 1912, a strong arctic high pressure system produced record cold across the region on the 11th and 12th. The following locations either tied or set their coldest temperature on record: Grand Meadow, MN (-38), Mauston, WI (-37, tied with January 13, 1912), Winona, MN (-35), Charles City, IA (-34), New Hampton (-34, tied with January 15, 1963). |

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| <p>January 13</p> | <ul style="list-style-type: none"> ● In 2000, in WI: Neillsville (9"), Mather (6.5"), Mondovi (6.2"), Alma (6"), and Owen (6") snow. ● In 1993, a storm system deposited from 6-13" of snow over all of Wisconsin from the 13th into the 14th. In the far south, the snow mixed with sleet and freezing rain. Numerous schools were closed and sporting events canceled. Many traffic accidents occurred as well. Snow amounts from this storm: In IA: Postville (10"), Lansing (9"), New Hampton (8"), Decorah (7.5"), Dorchester (7.5"), Elkader (7.5"), Cresco (7"), Osage (7"), Waukon (7"), Fayette (6.3"). In MN: Grand Meadow (10"), Lanesboro (10"), Spring Grove (9"), Harmony (8.5"), La Crescent (8.5"), Preston (8.5"), Caledonia (7"), Minnesota City (7"), Wabasha (6.6"). In WI: Ettrick (13"), Alma (12"), Black River Falls (12"), Melrose (12"), Ontario (12"), Prairie du Chien (12"), Sparta (11"), Victory (11"), Viroqua (11"), Neillsville (10.5"), Sparta (10.5"), Galesville (10"), Gays Mills (10"), Genoa (10"), Steuben (10"), Viroqua (10"), Hillsboro (9.5"), Readstown (9.5"), Mauston (9"), Muscoda (9"), Richland Center (9"), Trempealeau (9"), La Farge (8"), Lancaster (8"), Mather (8"), Cashton (7"), Hatfield (6.4"), Alma (6"), Lynxville (6"), Necedah (6"), Westby (6"). Dodge, WI (5" snow; 1.10" water equivalent, wettest January day). ● In 1979, Platteville, WI (11.3"), Lancaster, WI (8"), Cresco, IA (7.5"), and Caledonia, MN (6") snow. ● In 1966, in WI: Lancaster (8"), Muscoda (8"), and Hillsboro (6") snow. ● In 1963, Lancaster, WI (6") and Prairie du Chien, WI (6") snow. ● In 1950, Rochester, MN (7") and Theilman, MN (6") snow. ● In 1910, a winter storm brought snow amounts of: In IA: Fayette (9"), Waterloo (8"), New Hampton (6"), Mason City (4"). In WI: La Crosse (8.5"), Viroqua (5.5"). |
| <p>January 14</p> | <ul style="list-style-type: none"> ● In 2001, Lanesboro, MN (11") snow. ● In 1998, Jump River, WI (7") snow. ● In 1982, Winona, MN (7.5") snow. ● In 1966, Elkader, IA (6") snow. ● In 1952, Lake City, MN (6.6") snow. ● In 1950, a winter storm brought snow amounts of: In MN: Lake City (6.5"), Elgin (6"). In WI: Alma (10"), Galesville (10"), Goodrich (9"), Dodge (7.5"). ● In 1940, Fayette, IA (6") and Viroqua, WI (6") snow. ● In 1939, New Hampton, IA (6") snow. ● In 1932, Winona, MN (8") snow. ● In 1930, a snow storm, beginning on the 13th and ending early on the 15th, brought snowfall totaling: La Crosse, WI (12.6"), Viroqua, WI (8"), Fayette, IA (7.5"), New Hampton, IA (6"). |

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| <p>January 15</p> | <ul style="list-style-type: none"> ● In 1999, Rushford, MN (6") snow. ● In 1998, Winona, MN (6") snow. ● In 1997, winds of 20 to 30 mph caused considerable blowing and drifting snow in southwest and central Wisconsin from 7 PM on the 15th to 4 AM on the 16th. Travel became nearly impossible in open country and higher terrain where visibility was reduced to less than 1/4 mile. ● In 1978, Mauston, WI (6") snow. ● In 1976, Theilman, MN (6") snow. ● In 1963, an arctic air mass produced record cold across the region. Record low temperatures for January were set in: Necedah, WI (-46), Hillsboro, WI (-44), Austin, MN (-42), Viroqua, WI (-42, also coldest temperature on record), Cresco, IA (-35). ● In 1960, Oelwein, IA (8"), Platteville, WI (7.5"), and Mather, WI (7") snow. ● In 1953, a strong low pressure system moved rapidly from eastern Kansas around midnight to Mason City, IA by 7:30 AM and Menominee, MI by 1:30 PM. This low pressure area produced thunderstorms in the La Crosse, WI area around 5 AM and 8 AM. The second round of thunderstorms became severe and produced 1 ½" diameter hail in southeast La Crosse. ● In 1950, Owen, WI (6") snow. |
| <p>January 16</p> | <ul style="list-style-type: none"> ● In 1994, a snowstorm deposited a swath of up to 9" of snow from extreme southeast Minnesota to east central Wisconsin. Snow totals included: Richland Center, WI (9"), Ettrick, WI (8"), Taylor, WI (8"), Elgin, MN (7"), Winona, MN (6"). ● In 1980, Mauston, WI (1.15", wettest January day). ● In 1967, Jump River, WI (7") and Hillsboro, WI (6") snow. ● In 1935, Winona, MN (6") snow. |
| <p>January 17</p> | <ul style="list-style-type: none"> ● In 1994, Mather, WI (7"), Westby, WI (6.3"), and Richland Center, WI (6") snow. ● In 1982, Marble Rock, IA (6.5") snow. ● In 1967, Dodge, WI (6") and Hatfield, WI (6") snow. |
| <p>January 18</p> | <ul style="list-style-type: none"> ● In 1996, Mondovi (10") and La Crosse (6") snow. ● In 1996, a strong low pressure system moved through southeast Minnesota. Caledonia, MN had a high temperature of 57 which is their warmest January temperature. Later that day, a strong cold front moved through the region. In Rochester, the temperature to fell from 45 to -5 degrees. This 50 degree temperature difference was the greatest ever recorded in Rochester. Richland Center (52 to -5, 57 degree change) and Platteville (51 to -7, 58 degree change), WI also experienced their greatest temperature difference. Heavy snow also fell across parts of southeast Minnesota and central and western Wisconsin this day, with amounts ranging from 5-10". Blowing and drifting left drifts of 2-4 feet. Precipitation amounts from this day: In IA: New Hampton (7"), Postville (6"). In MN: Preston (8"), Hokah (7"), Rochester (6.9"), Lanesboro (6"), Winona (6"). In WI: Jump River (10" snow; 1.14" water equivalent, wettest January day), Galesville (6"), Mondovi (6"), Sparta (6"), Necedah (1.22", wettest January day). Other temperatures (High/Low) in IA: Guttenberg (54/2), New Hampton (52/-1), Oelwein (50/-9). ● In 1969, Curtiss, WI (7") and Goodrich, WI (6.5") snow. ● In 1967, Theilman, MN (-44) and Dodge, WI (-43) had their coldest temperature on record. ● In 1960, Platteville, WI (6") snow. ● In 1931, a snow storm beginning early on this date and ending early on the 19th brought snow totals for the 18th of: Fayette, IA (8"), New Hampton, IA (8"), La Crosse, WI (7.5"), Viroqua, WI (6"). ● In 1873, La Crosse, WI (-43, coldest temperature on record). |

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| January 19 | <ul style="list-style-type: none"> ● In 2000, Lanesboro, MN (6") and Osage, IA (6") snow. ● In 1988, Ontario, WI (8"), Hillsboro, WI (7.3"), and Rochester, MN (7") snow. ● In 1979, Rochester, MN (6.2") snow. ● In 1952, Hillsboro, WI (8") snow. ● In 1949, Mauston, WI (6") and Steuben, WI (6") snow. |
| January 20 | <ul style="list-style-type: none"> ● In 2000, a winter storm brought snow amounts of: In IA: New Hampton (8"), Elkader (7"), Cresco (6.5"). In MN: Austin (8"), Grand Meadow (7"), Preston (6.5"), Harmony (6"). In WI: Lynxville (7"). ● In 1998, Hokah, MN (6") snow. ● In 1990, Spring Grove, MN (6") snow. ● In 1988, Mather, WI (1.15") and Preston, MN (1.76") had their wettest January day. Snow amounts for this day: In IA: Cresco (6"). In MN: Elgin (10"), Harmony (10"), Lanesboro (10"), Wabasha (10"), Preston (8.7"), La Crescent (8"), Minnesota City (8"), Grand Meadow (7.5"), Caledonia (7"). In WI: Mather (12"), Necedah (12"), Mauston (9"), Mondovi (9"), Sparta (9"), Viroqua (9"), Hatfield (8"), Jump River (8"), Neillsville (8"), Westby (8"), Goodrich (7.8"), Alma (7"), Galesville (7"), Genoa (6"), Owen (6"), Richland Center (6"), Trempealeau (6"). ● In 1982, Lake City, MN (7") and Mondovi, WI (6.8") snow. ● In 1979, Theilman, MN (6") snow. ● In 1977, Fayette, IA (6") snow. ● In 1952, Trempealeau, WI (25", greatest one-day snowfall). |
| January 21 | <ul style="list-style-type: none"> ● In 2000, Elgin, MN (7") snow. ● In 1998, a winter storm brought snow amounts of: In IA: Cresco (6"). In MN: Spring Grove (8"), Lanesboro (6.5"), Caledonia (6"), Preston (6"). In WI: Sparta (6.5"), Viroqua (6.1"). ● In 1990, Osage, IA (8.3"), Cresco, IA (7"), Grand Meadow, MN (6"), Harmony, MN (6"), La Crescent, MN (6"), and Mather, WI (6") snow. ● In 1982, in WI: Alma (10"), Hatfield (6"), Neillsville (6") snow. ● In 1970, Preston, MN (-39, coldest January temperature). ● In 1959, Platteville, WI (6.5") snow. ● In 1917, heavy snow, which began during the early morning hours in La Crosse, WI, became light before noon. Heavy snow began again by 3 PM. The snow continued to fall into the early morning hours of the 22nd. Total snowfall in the La Crosse area was 10.5". Mondovi, WI (1.60", wettest January day). |
| January 22 | <ul style="list-style-type: none"> ● In 1988, Winona, MN (2.25", wettest January day). ● In 1982, a winter storm brought snow amounts of: In IA: Osage (8"), Cresco (6.5"), Charles City (6"), New Hampton (6"). In MN: Rochester (15.4", greatest one-day snowfall), Preston (14", tied November 18, 1957 for greatest one-day snowfall), Austin (13", greatest one-day snowfall), Harmony (7.5"). In WI: Mondovi (7.5"), Jump River (6"), Owen (6"). ● In 1973, 2.53" (water equivalent) of precipitation (8" of snow) fell at Austin, MN, making it their wettest January day. Grand Meadow, MN (6") snow. ● In 1952, a winter storm brought snow amounts of: In MN: Grand Meadow (8"), Lake City (7"), Winona (7"). In WI: Hatfield (8"), Mondovi (7.6"), Richland Center (6.2"), Alma (6"), Cashton (6"), Sparta (6"). ● In 1933, Blair, WI (1.80", wettest January day). |

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| <p>January 23</p> | <ul style="list-style-type: none"> ● In 2002, breezy southwest winds ahead of a cold front brought record warmth into northeast Iowa and southwest Wisconsin. High temperatures across the area ranged from 43 at Dodge Center, MN to 61 at Prairie du Chien, WI. Oelwein, IA had a high temperature of 59 which eclipsed not only the record for the date, but also the all-time January temperature (57 degrees) established earlier in the month (January 8th). This record would not last long, as it would be broken just 2 days later. ● In 1990, Hatfield, WI (6.5") and Mondovi, WI (6") snow. ● In 1982, a winter storm brought snow amounts of: In IA: New Hampton (7.5"), Dorchester (6"). In MN: Elgin (12.3"; 1.40" water equivalent, wettest January day), Winona (12"), Wabasha (9"), Lanesboro (7"; 0.99" water equivalent, wettest January day). In WI: Dodge (7"), Goodrich (7"), Jump River (6"). ● In 1979, Necedah, WI (10") and Cashton, WI (8") snow. ● In 1973, Mauston, WI (7.3") snow. ● In 1972, Lake City, MN (7") snow. ● In 1965, Mauston, WI (6.5") snow. ● In 1963, the temperature at Lancaster, WI plunged to -31. This tied February 2, 1996 as their coldest day. New Hampton, IA (7") and Osage, IA (6") snow. ● In 1952, Osage, IA (8") snow. ● In 1905, Fayette, IA (7") snow. |
| <p>January 24</p> | <ul style="list-style-type: none"> ● In 1999, a heavy snow band set up between 12 PM and 9 PM from La Crosse, WI through Tomah, WI to around Mauston, WI with accumulations of 6-8". A 28 car pileup occurred on Interstate 90-94 near Oakdale (Monroe County), but only minor injuries were reported. Another weather related accident occurred when a man was killed when his pickup truck was hit by a semi-trailer on a snowy on-ramp near Lyndon Station (Juneau County). Overall, 20 injuries and one fatality were attributed to this storm. In addition, property damage was estimated at \$130,000. In Viroqua, the 1.60" of water equivalent precipitation that fell made it their wettest January day. ● In 1997, a slow moving band of snow brought 6-9" of accumulation from Alma, WI (6") and Fountain City, WI to Whitehall, Neillsville, and Medford. Snow fell from 2 AM to 2 PM. Other totals: Jump River, WI (9"), Mondovi, WI (7.3"), Elgin, MN (6.2"). ● In 1996, Waucoma, IA (8"), Prairie du Chien, WI (6"), and Richland Center, WI (6") snow. ● In 1990, Neillsville, WI (7") and Owen, WI (7") snow. ● In 1988, Grand Meadow, MN (6.5"), Harmony, MN (6"), Lanesboro, MN (6") snow. ● In 1982, Marble Rock, IA (10.5", greatest one-day snowfall). ● In 1981, record warmth was felt across southeast Minnesota, northeast Iowa, and southwest Wisconsin. Austin, MN (55) and Preston, MN (55) had their warmest January temperature. More January record high temperatures were experienced across the region on the 25th. ● In 1979, Readstown, WI (6") snow. ● In 1972, Mondovi, WI (7") snow. ● In 1969, Dorchester, IA (6") snow. ● In 1966, Caledonia, MN (6") snow. |

January 25

- In 2002, little to no snow cover and breezy southwest winds brought record warmth into northeast Iowa and southwest Wisconsin. Charles City, IA had a high temperature of 59 which not only tied the record for the date (with 1981), but also for their warmest January temperature. In addition, Oelwein, IA had a high temperature of 61 which broke their record high temperature for the date and for the month. Amazingly, this was the third time that Oelwein's January high temperature record had been broken in January 2002. The previous dates were January 8th (57) and January 23rd (59).
 - In 1999, Mauston, WI (6") and Sparta, WI (6") snow.
 - In 1997, Mather, WI (8") and Neillsville, WI (6") snow.
 - In 1996, Decorah, IA (8"), Austin, MN (7.5"), Viroqua, WI (7"), and Osage, IA (6.5") snow.
 - In 1992, Osage, IA (6"), Prairie du Chien, WI (6"), and Rushford, MN (6") snow.
 - In 1986, Goodrich, WI (6") snow.
 - In 1981, the record warmth which began on the 24th across southeast Minnesota, northeast Iowa, and southwest Wisconsin continued. The following locations recorded their warmest January temperature:
In WI: Dodge (59), Necedah (58), La Crosse (57, tied with January 1, 1897), Lynxville (56), Trempealeau (56), Alma (55), Genoa (55).
In IA: Guttenberg (59), New Hampton (58), Waukon (54).
In MN: Theilman (56).
This heat wave continued into the 26th.
 - In 1973, Jump River, WI (54, warmest January temperature).
 - In 1972, Theilman, MN (7.5") snow.
 - In 1967, it was a very wet day by January standards across northeast Iowa and southeast Minnesota. The following locations recorded their wettest January day:
In IA: Decorah (1.25").
In MN: Theilman (2.65"), Grand Meadow (1.78"), Harmony (1.28").
In WI: Hatfield (1.21"), Owen (1.17"), Hillsboro (0.98").
 - In 1950, Hatfield, WI (8") and Harmony, MN (6") snow.
 - In 1944, record warmth was felt across the region. The following locations recorded their warmest January temperature: Winona, MN (64), Charles City, IA (60), Hatfield, WI (58), Rochester, MN (58), Medford, WI (57), and Richland Center (56).
 - In 1929, Viroqua, WI (6") snow.
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January 26

- In 2004, an inverted surface trough of low pressure brought mostly light, but steady and persistent snow to the region. Totals of 6-8" fell across southeast Minnesota and western Wisconsin, with 3-6" totals common elsewhere. The majority of the snow fell on the 26th, but continued into the morning of the 27th. Snow amounts from this event:
In IA: Osage (5.8"), Decorah (5.5"), New Hampton (5.5"), Mason City (5"), Waukon (5.0"), Charles City (4.3), Fayette (3.7").
In MN: Rochester (8.7"), Preston (8.4"), Austin (8"), Grand Meadow (8"), Theilman (6.3"), Winona (5"), Zumbrota (4.5"), Caledonia (4.2").
In WI: Mondovi (6.8"), Viroqua (6.6"), La Crosse (6"), Alma (5.5"), Hatfield (4"), Necedah (3.1"), Mauston (3"), Sparta (3").
- In 2002, the record warmth that began on the 25th continued across southeast Minnesota, northeast Iowa, and southwest Wisconsin. Austin, MN had a high temperature of 55. This was not only a record for the date, but it also tied their warmest January temperature (January 25, 1981). In addition, Charles City (64), Oelwein (64), and Decorah (63) in northeast Iowa had their warmest January temperature. Incredibly, this was the 4th time that Oelwein's January high temperature record had been broken in January 2002. The previous dates were January 8th (57), January 23rd (59), and January 25th (61).
- In 1996, a strong winter storm moved northeast from Iowa and blanketed much of southwest and central Wisconsin with 10-18" of snow. The heaviest snow occurred along a 100 mile axis centered from La Crosse northeast toward Fort McCoy and further into northeast Wisconsin. An isolated report of 18" was received 6 miles east of La Crosse and the La Crosse Regional Airport received 12" (record snowfall for this date). Meanwhile, the rest of the area experienced between 10-13". Blizzard conditions existed during the height of the storm (afternoon and evening) leaving drifts of 4 to 8 feet. Travel was nearly impossible. The snow lingered into the early morning hours of the 27th. Snow amounts for this event:
In IA: Charles City (10"), Lansing (10"), Decorah (8"), Cresco (7.5"), Dorchester (6.5"), Waukon (6").
In MN: Elgin (9.3"), Winona (9"), Lanesboro (8"), Minnesota City (8"), Rochester (7.2"), Grand Meadow (7"), Hokah (7"), Harmony (6.5"), Preston (6").
In WI: Viroqua (15"), Jump River (10"), Genoa (9"), Mather (6"), Muscoda (6").
- In 1981, the record warmth which began on the 24th continued across southwest Wisconsin, with the following locations recording their warmest January temperature: Hillsboro (59), Mather (58), Sparta (57), Blair (56), and Owen (52).
- In 1973, Mauston, WI (56, warmest January temperature).
- In 1950, Neillsville, WI (7.5") snow.
- In 1944, record warmth was experienced across southeast Minnesota and southwest Wisconsin. Grand Meadow, MN (57), and Mondovi, WI (56) all had their warmest January temperature.
- In 1918, Fayette, IA (6.5") snow.

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| <p>January 27</p> | <ul style="list-style-type: none"> ● In 2002, the record warmth that began on the 25th continued across southeast Minnesota, northeast Iowa, and southwest Wisconsin. La Crosse, WI set a record for the most 50 degree readings (5 days) in a January. ● In 1997, Jump River, WI (6") snow. ● In 1996, a winter storm continued from the 26th, dumping more snow across the region. Snow amounts for this day: In IA: Postville (12", greatest one-day snowfall), Dorchester (10", 26" on the ground, greatest snow depth on record), Elkader (10"), New Hampton (10"), Waukon (10"), Fayette (9.9"), Osage (9"), Oelwein (8"), Marble Rock (7.2"). In MN: Hokah (18", greatest one-day snow), Spring Grove (14"), La Crescent (12"), Caledonia (11"), Lanesboro (10"), Minnesota City (10"), Preston (9"), Harmony (6"). In WI: Cuba City (15"), Steuben (14"), Mauston (13", tied January 4, 1971 for greatest one-day snowfall), Trempealeau (13"), Genoa (12"), Mather (12"), Prairie du Chien (12"), Readstown (12"), Richland Center (12", tied April 9, 1973 for greatest one-day snowfall), Platteville (11.5"), Muscoda (11.4"), La Farge (11"), Ontario (11"), Galesville (10"), Gays Mills (10"), Goodrich (10"), Hillsboro (10"), Alma (9"), Mondovi (9"), Sparta (9"), Cashton (8"), Hatfield (8"), Lancaster (8"), Lynxville (8"), Owen (8"). ● In 1991, Owen, WI (7") snow. ● In 1978, Muscoda, WI (6") snow. ● In 1954, a winter storm brought snow amounts of: In IA: Decorah (9"), Cresco (8"), Osage (8"), Lansing (7.3"), New Hampton (7"), Charles City (6.8"), Elkader (6"). In MN: Caledonia (10"), Spring Grove (7.3"), La Crescent (6"). In WI: Viroqua (12"), Muscoda (10"), Cashton (9.5"), Richland Center (9.5"), West Salem (9.5"), Genoa (8"), Hillsboro (8"), Lynxville (8"), Steuben (7.6"), Gays Mills (6.5"), Sparta (6"). ● In 1949, Charles City, IA (7.4"), Harmony, MN (7"), and La Crosse, WI (6.2") snow. ● In 1944, Fayette, IA (61, warmest January temperature). |
| <p>January 28</p> | <ul style="list-style-type: none"> ● In 1996, Grand Meadow, MN (8") snow. ● In 1949, a winter storm brought snow amounts of: In IA: New Hampton (11"), Elkader (10"), Osage (10"), Waukon (8"). In MN: Caledonia (12"), Spring Grove (7.5"), Austin (6"). In WI: Mauston (12"), Prairie du Chien (10"), Viroqua (10"), Hillsboro (9.8"), West Salem (9.6"), Lynxville (9"), Genoa (8"), Mather (8"), Muscoda (8"), Richland Center (7.7"), Curtiss (7"), Lancaster (7"), Trempealeau (7"), Neillsville (6"). ● In 1948, a winter storm brought snow amounts of: In IA: Decorah (10.5"), Fayette (10"), Lansing (9.1"), Oelwein (7"), Dorchester (6.8"), Cresco (6.2"). In MN: Winona (7"). In WI: Steuben (10.3"), Gays Mills (8.5"). ● In 1936, Rochester, MN had a high temperature of 11 degrees. This ended a streak of 6 consecutive days (January 22-27, 1936) in which the temperature never exceeded zero. This is the longest period on record for Rochester. During this cold snap, the average high temperature was -5 and the average low temperature -23. This gives an average temperature of -14. In addition, one record low temperature and one lowest high temperature record were set. ● In 1918, Viroqua, WI (6") snow. |

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| <p>January 29</p> | <ul style="list-style-type: none"> ● In 2001, freezing rain and drizzle fell from 4 PM on the 29th to 3:30 AM on the 30th. This created a glaze of ice 1/4 to 1/2 inch thick, especially on sidewalks and secondary roads in Buffalo, Clark, Jackson, Taylor, and Trempealeau Counties in southwest and central Wisconsin. Only a few automobile accidents were reported, none of which were serious. ● In 1969, Austin, MN (6.5") snow. ● In 1947, Winona, MN (8"), Grand Meadow, MN (7"), and Viroqua, WI (7") snow. ● In 1932, the temperature fell to -4 at La Crosse, WI. This ended a streak of 348 consecutive days (which began back on February 15, 1931) in which the temperature never fell below zero. This is the 2nd longest streak at La Crosse. ● In 1926, a strong warm front moved north through the region. In central Wisconsin, temperatures rose from morning lows between 15 and 30 degrees below zero to high temperatures ranging from the middle 20s to middle 30s. Meanwhile in southeast Minnesota, northeast Iowa, and southwest Wisconsin, temperatures began the day in the zero to -10 range. By the end of the day, though, they were around 40. The greatest temperature change occurred in Postville, IA where the temperature rose from -10 to 38. This 48 degree temperature difference is the greatest ever recorded in Postville. ● In 1914, a low pressure system brought abundant moisture into the region, with the following locations recording their wettest January day: Neillsville, WI (1.75"), Caledonia, MN (1.56"), Medford, WI (1.50"). ● In 1909, Viroqua, WI (13") and La Crosse, WI (7.2") snow. |
| <p>January 30</p> | <ul style="list-style-type: none"> ● In 1987, in WI: Mauston (7.5"), Neillsville (7"), Hatfield (6"), Mather (6"), Owen (6") snow. ● In 1984, Elkader, IA (6") and Osage, IA (6") snow. ● In 1969, Dodge, WI (6.3"), Grand Meadow, MN (6"), and Minnesota City, MN (6") snow. ● In 1951, an arctic high pressure system brought record cold to northeast Iowa and southwest Wisconsin. The following locations recorded their coldest January temperature: In WI: Medford (-48), Sparta (-48), Richland Center (-46), Mondovi (-45), Trempealeau (-44), Genoa (-43), Lynxville (-43), Mather (-43), Wisconsin Dells (-43), Owen (-42), Prairie du Chien (-37). Platteville (-30). In IA: Decorah (-43), Guttenberg (-43), Fayette (-38), Oelwein (-30). ● In 1947, New Hampton, IA (11"), Grand Meadow, MN (8"), Winona, MN (7.5"), and Viroqua, WI (6") snow. ● In 1937, Viroqua, WI (6") snow. |
| <p>January 31</p> | <ul style="list-style-type: none"> ● In 1996, Alma, WI (-38, coldest temperature on record). ● In 1916, Fayette, IA (10") snow. ● In 1915, Fayette, IA (7.2") snow. ● In 1908, Fayette, IA (8.8") snow. ● In 1989, Platteville, WI (58, warmest January temperature). |

| Day | Weather Event |
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| February 1 | <ul style="list-style-type: none"> ● In 1998, Theilman, MN (7") snow. ● In 1985, Viroqua, WI (7") snow. ● In 1974, La Crosse, WI had its snowiest February day (15.2"). ● In 1965, Mauston, WI (6") snow. ● In 1918, Winona, MN (-33, coldest February temperature). ● In 1915, snow that started on the 31st of January continued to fall through the afternoon of the 1st. The amount of snow in La Crosse, WI on this day was 7.5" (storm total of 11.1"). The rain and sleet of January 31st and the snow of February 1st interrupted telephone, telegraph, street car, and railway service. Lines were down in all directions and trains were hours late. New Hampton, IA (12") and Fayette, IA (9") snow. |
| February 2 | <ul style="list-style-type: none"> ● In 2004, an area of low pressure tracked northeast from the southern Plains on the 1st, to across the eastern Great Lakes by the 3rd. An inverted surface trough north of the low brought widespread snow to the region, with the bulk of the precipitation falling on the 2nd. The heaviest snow fell across southeast Minnesota and north central Wisconsin with 8-12" common. Amounts south and east of there were in the 4-8" range. Snow amounts from this event: In IA: Osage (8.7"), New Hampton (8"), Charles City (7.5"), Mason City (6"), Oelwein (4.5"), Fayette (4.3"), Decorah (4"), Elkader (4"). In MN: Austin (12"), Grand Meadow (11"), Theilman (9.9"), Rochester (9.4"), Owatonna (8.5"), Preston (5.4"), Caledonia (5.3"), Zumbrota (5"). In WI: Mondovi (7.6"), Alma (7"), Hatfield (7"), Cashton (6"), Neillsville (6"), Viroqua (6"), La Crosse (5.9"), Genoa (4"), Lynxville (4"), Mauston (4"), Richland Center (4"). ● In 1998, Alma, WI (7"), Harmony, MN (6"), Lanesboro, MN (6"), Neillsville, WI (6"), and Osage, IA (6") snow. ● In 1996, the following locations recorded their coldest February temperature: Cresco, IA (-36, also coldest day on record), Austin, MN (-34), Osage, IA (-34, also coldest day on record), Charles City, IA (-32), and Lancaster, WI (-31, tied January 23, 1963 for coldest day on record). ● In 1983, a winter storm brought snow amounts of: In IA: Oelwein (10"), Decorah (9"), Marble Rock (9"), Waukon (8.5"), Charles City (7"), Elkader (7"), Waucoma (7"), Fayette (6.1"), Osage (6"). In MN: Rochester (9.3"), Austin (8"), Grand Meadow (6"), La Crescent (6"), Minnesota City (6"). In WI: La Crosse (10"), Mondovi (9"), Hillsboro (8.5"), Cashton (8"), Mauston (8"), Muscodah (8"), Necedah (8"), Platteville (6.3"), Lancaster (6"). ● In 1973, Theilman, MN (6") snow. ● In 1970, a strong arctic cold front moved through the region. Temperatures ahead of the cold front were mainly in the 30s. Once the cold front moved through, temperatures fell throughout the day, falling below zero by the end of day. One of the greatest temperature changes occurred at La Crescent, MN. They had a high temperature of 38 and low temperature of -8. This 46 degree temperature difference is the greatest ever recorded in La Crescent. ● In 1951, a strong arctic cold front moved through central Wisconsin. Temperatures at Alma, WI fell from a high of 41 to -12 by the end of the day. This 53 degree temperature difference tied March 22, 1951 for the greatest ever recorded in Alma. ● In 1965, Theilman, MN (-38, coldest February temperature). ● In 1956, Osage, IA (6") snow. |

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| <p>February 3</p> | <ul style="list-style-type: none"> ● In 1996, temperatures plunged to -45 at Preston, MN. This is their coldest temperature ever recorded. Other locations that recorded their coldest February temperature: In IA: Elkader (-47, also tied the state record for the coldest temperature on record in Iowa), Decorah (-41), Fayette (-40, also coldest temperature on record), Guttenberg (-38, also coldest temperature on record), Oelwein (-32, also coldest temperature on record). In WI: Blair (-45), Necedah (-41), Sparta (-41), Trempealeau (-41), Hillsboro (-40), Genoa (-38), Viroqua (-37), Prairie du Chien (-36), Alma (-35), Lynxville (-34), Mauston (-34), Platteville (-32, also coldest temperature on record), Lancaster (-31, tied January 23, 1963 for coldest temperature on record). ● In 1983, a winter storm brought snow amounts of: In IA: Dorchester (13"), Lansing (12"), Fayette (6.1"). In MN: Goodrich (15", greatest one-day snowfall; 1.29" water equivalent, wettest February day), Caledonia (12"), Harmony (12"), La Crescent (12"), Zumbro Falls (12"), Winona (9.5"), Lanesboro (9"), Elgin (8"), Grand Meadow (6.5"), Minnesota City (6"), Wabasha (6"). In WI: Dodge (15", greatest one-day snowfall), Mather (14"), Soldiers Grove (14"), Ontario (12"), Prairie du Chien (12"), Hatfield (11"), Trempealeau (10.5"), Genoa (10"), Owen (10"), Alma (8"), Neillsville (8"), Sparta (8"), Viroqua (6"). ● In 1936, snow began during the early morning hours of the 3rd and continued into the early morning hours of the 4th. Some snow amounts: La Crosse, WI (8.8"), Winona, MN (8.3"), and Viroqua, WI (6"). |
| <p>February 4</p> | <ul style="list-style-type: none"> ● In 1997, a winter storm produced 6-10" of snow across southwest and central Wisconsin. The snow began around 2 AM and continued through 4 PM. The snow was accompanied by strong winds, creating 2 to 4 foot drifts. Snow amounts: In IA: Osage (11.5"), Charles City (9"), Marble Rock (8.2"), Hampton (8"), Oelwein (8"), Decorah (7.5"), New Waukon (7"), Cresco (6.5"), Elkader (6"), Postville (6"). In MN: Spring Grove (8"), Rochester (7.2"), Grand Meadow (7"), Preston (6.5"), Elgin (6.4"). In WI: Cashton (10"), Viroqua (8"). ● In 1996, this day was the last of 6 consecutive days where temperatures did not climb above zero in La Crosse. The average high temperature during this stretch was -5.7degrees and 3 record low temperatures were set. ● In 1971, Lake City, MN (8") snow. ● In 1969, an arctic cold front moved through the region. Temperatures ahead of the front were in the 20s and 30s. After the cold front moved through, temperatures plummeted, falling to 15 to 30 below zero. One of the greatest temperature changes occurred at Minnesota City, MN where they had a high temperature of 32 and low temperature of -16 degrees. This 48 degree temperature difference is the greatest ever recorded in Minnesota City. ● In 1959, Austin, MN (6.5") snow. ● In 1945, snow began falling during the afternoon of the 3rd and continued through the late morning of the 4th. Some snow amounts: Winona, MN (8.4"), La Crosse, WI (6"), and Grand Meadow, MN (6"). ● In 1940, Fayette, IA (6") snow. ● In 1924, New Hampton, IA (6") snow. ● In 1916, Fayette, IA (8") snow. ● In 1903, La Crosse, WI (10"), Viroqua, WI, (9.2"), and Fayette, IA (8") snow. |

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| <p>February 5</p> | <ul style="list-style-type: none"> ● In 1997, a winter storm brought snow amounts of: In MN: Hokah (9"), Austin (7.5"), Caledonia (7.5"), Minnesota City (6"). In WI: Westby (12"), Readstown (7.2"), Alma (7"), Mather (7"), Mauston (6"), Neillsville (6"), Trempealeau (6"). ● In 1986, Prairie du Chien, WI (1.66", wettest February day). ● In 1975, Theilman, MN (7") snow. ● In 1974, Dorchester, IA (7") snow. ● In 1971, a winter storm brought snow amounts of: In IA: Fayette (10"), Lansing (8"), Decorah (6"; 22" snow depth, greatest on record). In MN: La Crescent (10"), Minnesota City (8"), Theilman (8"), Grand Meadow (7"), Elgin (6.5"), Austin (6.6"), Caledonia (6"). In WI: Curtiss (11"), Goodrich (11"), Hatfield (10"), Genoa (10"), Cashton (9.5"), Mather (9.2"), Lynxville (9"), Mondovi (9"), Hillsboro (8"), Mauston (8"), Necedah (8"), Alma (7.5"), Richland Center (7"), Sparta (7"), Westby (7"), Viroqua (7"), Owen (6"), Prairie du Chien (6"), Readstown (6"), Trempealeau (6"). ● In 1967, Winona, MN, (6.7"), Mauston, WI (6"), and Neillsville, WI (6") snow. ● In 1911, Fayette, IA (8") snow. ● In 1908, Viroqua, WI (8") snow. |
| <p>February 6</p> | <ul style="list-style-type: none"> ● In 2004, an area of low pressure tracked southeast of the area, moving across northern Illinois into the eastern Great Lakes on the evening of the 5th through the morning of the 6th. A trough northwest of the low center, along with a disturbance in the upper atmosphere, combined to produce snow across the region. The snow began on the afternoon of the 5th, ending on the morning of the 6th. The heaviest snow fell across northeast Iowa and southwest/central Wisconsin, with 6-9" totals. Snow amounts from this event: In IA: New Hampton (6"), Postville (6"), Elkader (5.5"), Fayette (5.3"), Decorah (5"), Charles City (4.5"), Waukon (4.1"), Oelwein (4"). In MN: Caledonia (6.1"), Austin (5"), Winona (3.8"), Preston (3.5"). In WI: Mauston (8"), Richland Center (7.5"), Necedah (7.1"), Prairie du Chien (6.8"), Sparta (6.5"), Gays Mills (6.5"), Lynxville (5.5"), Cashton (5"), Genoa (5"), Viroqua (5"), La Crosse (4.3"), Hatfield (4"). |
| <p>February 7</p> | <ul style="list-style-type: none"> ● In 2001, snow accumulations of 3-6" occurred across Buffalo, Clark, Taylor, and Trempealeau Counties in southwest and central Wisconsin between 2 PM and 10 PM, causing slippery travel conditions. Also, freezing rain (6 AM on the 7th to 3 AM on the 8th) produced widespread 1/4 inch ice accumulations across Crawford, Grant, and Richland Counties in southwest Wisconsin. Law enforcement officials reported extremely icy conditions, especially on sidewalks and secondary roads. ● In 1981, Jump River, WI (6") snow. |
| <p>February 8</p> | <ul style="list-style-type: none"> ● In 2001, freezing rain produced a widespread coating of up to ½ inch of ice between 5 PM on the 8th and 11 AM on the 9th across southwest and central Wisconsin. This was followed by 1-3" of snow accumulation. Law enforcement officials reported only minor accidents. ● In 1999, Blair, WI (2.22", wettest February day). ● In 1971, both La Crosse, WI (-36) and Jump River, WI (-44) had their coldest February temperature. ● In 1966, Necedah, WI (1.26", wettest February day). ● In 1950, New Hampton, IA (8"), Gays Mills, WI (6.1"), Cresco, IA (6"), Decorah, IA (6"), and Hillsboro, WI (6") snow. ● In 1936, Winona, MN (10"), Fayette, IA (6.5"), and New Hampton, IA (6") snow. ● In 1905, Fayette, IA (6") snow. ● In 1900, La Crosse, WI (7.5") snow. ● In 1899, Grand Meadow, MN (-34, coldest February temperature). |

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| February 9 | <ul style="list-style-type: none"> ● In 1984, a strong warm front moved through central Wisconsin. After a morning low of -9 at Mauston, WI, the temperature climbed to 48 later in the day. This 57 degree temperature difference is the greatest ever recorded in Mauston. ● In 1951, Owen, WI (-38, coldest February temperature). ● In 1950, Decorah, IA (7.5"), Mauston, WI (7"), and Viroqua, WI (6") snow. ● In 1899, Osage, IA (-32, coldest February temperature). ● In 1894, La Crosse, WI (8.4") snow. |
| February 10 | <ul style="list-style-type: none"> ● In 2000, Jump River, WI (7") snow. ● In 1981, Mauston, WI (6") snow. ● In 1959, a winter storm brought snow amounts of: In IA: Waucoma (9"), New Hampton (8"), Cresco (7"), Charles City (6.5"), Decorah (6"), Dorchester (6"), Fayette (6"), Lansing (6"), Oelwein (6"), Osage (6"). In MN: Austin (9"), Preston (8.2"), Grand Meadow (8"), Spring Grove (8"), Rochester (7.8"). In WI: Cashton (11.2"), Richland Center (11"), Westby (10"), La Crosse (9"), Mauston (9"), Elgin (8"), Readstown (7"), Viroqua (7"), Hillsboro (6"), Necedah (6"), Prairie du Chien (6"), Sparta (6"). ● In 1899, Medford, WI had its coldest temperature on record (-45) and Neillsville, WI had its coldest February temperature (-46). |
| February 11 | <ul style="list-style-type: none"> ● In 1981, Soldiers Grove, WI (6") snow. ● In 1959, Winona, MN (10"), Galesville, WI (9"), La Crescent, MN (7.8"), Dodge, WI (7"), Mather, WI (7"), Trempealeau, WI (7"), and Neillsville, WI (6") snow. ● In 1953, Waukon, IA (8") snow. |
| February 12 | <ul style="list-style-type: none"> ● In 1994, Jump River, WI (6") snow. ● In 1984, Mondovi, WI (1.42", wettest February day). ● In 1979, Muscoda, WI (6") and Charles City, IA (1.5"; 33" snow depth, greatest on record) snow. ● In 1965, a winter storm brought snow amounts of: In IA: Osage (9.5"), Charles City (9"), Hampton (7.5"), Cresco (7"), Decorah (7"), Lansing (6.1"), New Waucoma (6"). In MN: Grand Meadow (13"), Lake City (12", greatest one-day snowfall), Winona (12"), Minnesota City (11"), Wabasha (10"), Harmony (9"), Caledonia (8"), Lanesboro (8"), Spring Grove (7.8"), Elgin (7.5"), Austin (6"), La Crescent (6"). In WI: Dodge (12"), Trempealeau (11"), Alma (10"), Hatfield (10"), Sparta (10"), Jump River (9"), Mondovi (9"), Galesville (8"), Goodrich (8"), Mauston (8"), Curtiss (7"), Mather (7"), Necedah (7"), Viroqua (7"), Genoa (6"), Hillsboro (6"), Neillsville (6"), Prairie du Chien (6"), Readstown (6"), Westby (6"). ● In 1953, West Salem, WI (10.8"), Genoa, WI (8"), and Fayette, IA (7.5") snow. ● In 1950, Harmony, MN (7") snow. ● In 1882, La Crosse had its warmest February temperature (65). This was later tied on February 15, 1921. |

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| February 13 | <ul style="list-style-type: none"> ● In 2000, Spring Grove, MN (6") snow. ● In 1971, a strong arctic cold front moved through central Wisconsin. In Jump River, WI, the temperature fell from a high temperature of 21 to -36 by the end of the day. This 57 degree temperature difference tied March 14, 1975 and September 11, 1976 for the greatest ever recorded in Jump River. ● In 1951, Elkader, IA (7"; 40" snow depth, greatest on record), Muscoda, WI (7"), Fayette, IA (6"), Lynxville WI (6"), and Richland Center (6") snow. ● In 1950, a winter storm brought snow amounts of: In IA: New Hampton (11"), Elkader (7"), Charles City (6.8"). In WI: Lancaster (9"), Platteville (8.6"), Gays Mills (8"), Mather (8"), Cashton (7"). ● In 1949, Platteville, WI (6") snow. ● In 1915, New Hampton, IA (1.15", wettest February day). ● In 1906, Fayette, IA (6") snow. |
| February 14 | <ul style="list-style-type: none"> ● In 1950, a winter storm brought snow amounts of: In IA: Lansing (8"), Decorah (7.5"). In MN: Elgin (8"), Grand Meadow (8"), La Crescent (8"), Winona (8"), Caledonia (7.5"). In WI: Mauston (8.5"), Alma (8"), Muscoda (7.5"), West Salem (6.2"), Steuben (6"). ● In 1918, Medford, WI (1.40", wettest February day). ● In 1896, a strong low pressure system moved through the region. The warm front associated with this system moved through Prairie du Chien, WI during the day. As a result, the temperature climbed to 58 there. However, a strong cold front soon followed a few hours later and by midnight, the temperature had fallen to -8. This 66 degree temperature difference is the greatest ever recorded in Prairie du Chien. |
| February 15 | <ul style="list-style-type: none"> ● In 1967, Elgin, MN (6") and Mondovi, WI (6") snow. ● In 1961, Jump River, WI (6") snow. ● In 1950, Elgin, MN (6") and Goodrich, WI (6") snow. ● In 1942, snow began falling during the late morning of 15th and continued to fall through the early morning of the 16th. La Crosse, WI (7.7") snow. ● In 1921, the high temperature at La Crosse, WI was 65. This, along with February 12, 1882, are the warmest February temperatures on record for La Crosse. Other warmest February temperatures: Mondovi, WI (64) and Richland Center, WI (67). |
| February 16 | <ul style="list-style-type: none"> ● In 1990, Alma (7"), Grand Meadow, MN (6.5"), Dodge, WI (6"), Hatfield (6"), and Jump River, WI (6") snow. ● In 1988, Waucoma, IA (7") snow. ● In 1967, a winter storm brought snow amounts of: In MN: Lake City (8"), Wabasha (6"). In WI: Alma (8"), Goodrich (7"), Jump River (7"), Curtiss (6"), Hatfield (6"), Neillsville (6"). ● In 1936, Mondovi, WI had its coldest February temperature (-43). ● In 1926, a strong warm front moved through central Wisconsin. After a morning low of -22 at Hatfield, WI, the temperature climbed to 41 later in the day. This 63 degree temperature difference is the greatest ever recorded at Hatfield. ● In 1921, Viroqua, WI (63) and Mather, WI (60) recorded their warmest February temperature. |

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| <p>February 17</p> | <ul style="list-style-type: none"> ● In 1981, the following locations recorded their warmest February temperature: In IA: Charles City (65), New Hampton (65), Guttenberg (64), Oelwein (64), Osage (63), Decorah (62), Waukon (60). In MN: Preston (65), Rochester (63), Austin (62). In WI: Lynxville (63), Trempealeau (62), Neillsville (59). ● In 1979, Mondovi, WI had a high temperature of 29 and a low of -30. This 59 degree temperature difference is the greatest ever recorded in Mondovi. ● In 1975, Mauston, WI (6") and Readstown, WI (6") snow. ● In 1950, Trempealeau, WI had a high temperature of 46 and a low of -4 degrees. This 50 degree temperature difference is the greatest ever recorded in Trempealeau. ● In 1932, Grand Meadow, MN (6") snow. ● In 1901, Viroqua, WI (7") snow. |
| <p>February 18</p> | <ul style="list-style-type: none"> ● In 2000, heavy snow fell across Grant and Crawford Counties in southwest Wisconsin between 9 PM on the 17th to 2 PM on the 18th. Cuba City (8.5"), Platteville (6") and Prairie Du Chien (6") snow. ● In 1992, Austin, MN (6") snow. ● In 1981, the following locations recorded their warmest February temperature: Dodge, WI (65), Theilman, MN (65), Cresco, IA (63), Grand Meadow, MN (63), Hillsboro, WI (61), Owen, WI (54). ● In 1976, Mauston, WI (6.5") snow. ● In 1963, New Hampton, IA (8") and Westby, WI (6") snow. ● In 1962, a winter storm brought snow amounts of: In IA: Oelwein (13", greatest one-day snowfall; 1.46" water equivalent, wettest February day), Elkader (8"), Fayette (8"), Charles City (6.5"), Osage (6"), Waucoma (6"). In MN: Austin (6"), Elgin (6"). In WI: Platteville (8.5"). ● In 1961, a winter storm brought snow amounts of: In MN: Austin (9.8"), Elgin (9.5"; 0.92" water equivalent, wettest February day), Preston (9"), Rochester (6.4"), Lake City (6.2"). In WI: Jump River (12"), Mondovi (8"), Goodrich (6"). This was also the latest in the winter that Rochester went without having a one inch or greater snowfall. ● In 1887, Rochester, MN (1.20", wettest February day). |

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| <p>February 19</p> | <ul style="list-style-type: none"> ● In 1984, Harmony, MN (7") and Grand Meadow, MN (6") snow. Dodge, WI (2" snow; 1.38" water equivalent, wettest February day). ● In 1981, Winona, MN (68) and Blair, WI (61) had their warmest February temperature. ● In 1979, this was the last day of a stretch of 52 consecutive days where temperatures never rose above freezing in La Crosse, WI. The average high temperature during the stretch was 16.1 degrees. ● In 1971, Caledonia, MN (1.83"), Osage, IA (1.30"), and Hillsboro, WI (1.23") had their wettest February day. ● In 1962, a winter storm brought snow amounts of: In IA: New Hampton (10"), Elkader (7"), Waucoma (7"), Fayette (6"). In MN: Harmony (7"), In WI: Lynxville (10"), Prairie du Chien (7"), Readstown (7"), Sparta (6.5"), Hillsboro (6"). ● In 1961, a winter storm brought snow amounts of: In MN: Winona (7.5"), Minnesota City (6.3"), Theilman (6"). In WI: Hatfield (9"), Dodge (7.8"), Trempealeau (6.7"). ● In 1952, a winter storm brought snow amounts of: In WI: Cashton (11.5"), Richland Center (8"), Hillsboro (6.5"), La Crosse (6.4"), Sparta (6"). ● In 1945, Fayette, IA (10") snow. ● In 1917, La Crosse, WI, (7.3") and New Hampton, IA (7") snow. In La Crosse, snow fell at 2 inches per hour between 8:30 AM and 11:30 AM. |
| <p>February 20</p> | <ul style="list-style-type: none"> ● In 1994, flooding along the Root River, in Houston County, in extreme southeast Minnesota, began during the early morning hours and continued through the end of the month. The river reached flood stage at Hokah (47 feet) on the 20th and crested at 52 feet on the 22nd due to a large ice jam. A dike broke and flooded several county roads and one home received significant water damage. Sand and silt covered a large expanse of land on a sod farm near Hokah causing significant damage. ● In 1953, in WI: Owen (10"), Mondovi (8"), Goodrich (6") snow. ● In 1952, Winona, MN (8"), Neillsville, WI (6"), and Trempealeau, WI (6") snow. ● In 1929, Mather, WI had its coldest temperature on record (-44). In addition, Rochester, MN (-39) and Richland Center, WI (-40) had their coldest February temperature. ● In 1930, Fayette, IA (15") snow. ● In 1898, a winter storm which began on the 19th continued into the evening of the 20th at La Crosse, WI. This storm produced 10.8" (2.9" on the 19th and 7.9" on the 20th) of snow. |

February 21

- In 1993, a winter storm brought snow amounts of:
In IA: Waukon (10"), Waucoma (9.1"), Decorah (9"), Osage (9"), New Hampton (7"), Postville (7"), Cresco (6"), Elkader (6").
In MN: Preston (8"), Spring Grove (8").
In WI: Platteville (6.7"), Cashton (6"), Lancaster (6"), Lynxville (6"), Prairie du Chien (6").
 - In 1976, a winter storm brought snow amounts of:
In IA: Elkader (8"), Oelwein (7"), Fayette (6").
In MN: Caledonia (6").
In WI: Lancaster (8"), Platteville (6.4"), Lynxville (6"), Richland Center (6").
 - In 1971, New Hampton, IA (7") snow.
 - In 1970, La Crosse, WI (7.1") snow.
 - In 1962, Mauston, WI (7"), Austin, MN (6.3"), Lanesboro, MN (6"), Preston, MN (6"), and Richland Center, WI (6") snow.
 - In 1960, Lancaster, WI (6") and Platteville, WI (6") snow.
 - In 1952, Lake City, MN (7") snow.
 - In 1937, rain changed to snow during the afternoon of the 20th and then continued to fall through the afternoon of the 21st. The weight of the snow brought down some power and telephone lines. In addition, strong northwest winds caused considerable blowing and drifting of snow. Highways were drifted badly. There was also some reports of lightning. Some snow amounts from the storm: Viroqua, WI (15"; 1.25" water equivalent, wettest February day), La Crosse, WI (9.2"), New Hampton, IA (8"), Waukon, IA (1.48", wettest February day).
 - In 1930, both Fayette, IA (67) and Hatfield, WI (62) had their warmest February temperature.
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February 22

- In 1994, a slow moving storm system began depositing 6-16" of snow across the southern half of Wisconsin. The snow stopped falling on the 23rd. Brisk winds gusting to 40 mph caused whiteout conditions. Snow amounts totaled 15" at Mauston and Viroqua.
- In 1993, Grand Meadow, MN (9"), Lynxville, WI (8"), Ontario, WI (8"), Viroqua, WI (7"), and Cashton, WI (6") snow.
- In 1984, the following locations recorded their warmest February temperature: Mauston, WI (64), Necedah, WI (64), Sparta, WI (62).
- In 1981, Rochester, MN (7") snow. Wettest February days were recorded in Preston, MN (1.15") and Jump River, WI (1.19").
- In 1979, Rochester, MN had a high temperature of 35. This ended a streak of 65 days (December 19, 1978 to February 21, 1979) in which the temperature never exceeded 32. This is the longest streak on record there. During this streak, the average high temperature was 11.2 and the average low temperature was -6.5. This is an average temperature of 2.5 degrees. Four record low temperatures and 5 record lowest high temperatures were established during this time period. The low temperatures never went above zero on 44 days and the high temperatures never exceeded zero on 12 days.
- In 1974, Grand Meadow, MN (8"), Lancaster, WI (8"), Decorah, IA (6"), Harmony, MN (6"), New Hampton (6"), and Osage, IA (6") snow.
- In 1962, Dodge, WI (9"), Galesville, WI (8"), Mather, WI (8"), Winona, MN (7"), Trempealeau, WI (6.2"), and Neillsville, WI (6") snow.
- In 1945, snow began falling during the morning of the 21st and continued through the morning of the 22nd. Fayette, IA (9"), Grand Meadow, MN (8"), La Crosse, WI (7.9"), and Winona, MN (6") snow.
- In 1928, La Crosse, WI (8.8") snow.
- In 1922, rain and sleet began during the late morning of the 21st, changing to all rain by 3 PM, and continuing through the evening of the 22nd. The rain changed back to sleet at 7 PM and continued until 10 PM. The rain froze on contact, covering everything with ice. In addition, occasional thunderstorms were reported from 10 PM to 10 AM. In La Crosse, the ice thickness was 2" or more. Both telephone and telegraph service was badly crippled. Sidewalks and streets were completely covered with ice. The following locations recorded their wettest February day:
In IA: Fayette (2.42").
In MN: Winona (1.65").
In WI: Hillsboro (3.00"), La Crosse (2.05"), Richland Center (1.80"), Neillsville (1.78"), Mather (1.56"), Hatfield (1.45").
- In 1913, Fayette, IA (10") snow.
- In 1897, La Crosse, WI (8.2") snow.

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| <p>February 23</p> | <ul style="list-style-type: none"> ● In 1994, a winter storm brought snow amounts of: In IA: Decorah (13"), Waukon (10.5"), Dorchester (10"), Postville (10"), Lansing (9"), Charles City (7.8"), Elkader (7"), Osage (7"), Fayette (6.4"), Cresco (6"). In MN: Spring Grove (10"), Lanesboro (7"), Winona (7"), Grand Meadow (6"). In WI: Readstown (13"), La Farge (12", tied April 13, 1952 for greatest one-day snowfall), Cashton (10"), Gays Mills (9"), Hillsboro (9"), Lynxville (8"), Ontario (8"), Viroqua (8"), Westby (8"), Prairie du Chien (7"), Richland Center (7"), Trempealeau (6.5"), Muscoda (6"), Steuben (6"). ● In 1993, Winona, MN (6") snow. ● In 1991, Jump River, WI (9") snow. ● In 1981, Grand Meadow, MN (8"), Caledonia, MN (7"), Elgin, MN (7"), and Osage, IA (6") snow. ● In 1971, a winter storm brought snow amounts of: In IA: Waucoma (9"), Charles City (7.1"), Decorah (6"), Fayette (6"). In MN: Grand Meadow (6"), Lanesboro (6"), Minnesota City (6"). In WI: Dodge (6"), Viroqua (6"). ● In 1959, a winter storm brought snow amounts of: In IA: Osage (11"), Cresco (10"), New Hampton (8.5"), Decorah (7"), Lansing (7"), Waucoma (6.2"), Charles City (6"), Dorchester (6"), Waukon (6"). In MN: Caledonia (13.9"), Spring Grove (13.3"), Harmony (12"), La Crescent (11"), Grand Meadow (10"), Preston (7.8"). In WI: Cashton (13.5"), Mather (11"), Westby (11"), Viroqua (11"), Hillsboro (10"), Mauston (10"; 1.85" water equivalent, wettest February day), Readstown (10"), Sparta (9.5"), Necedah (9"), La Crosse (8.1"), Genoa (8"), Trempealeau (8"), Lynxville (7.5"), Galesville (6"). ● In 1940, La Crosse, WI (6.4") and New Hampton, IA (6") snow. ● In 1915, New Hampton, IA (9") and La Crosse, WI (7.2") snow. Rain of the 22nd turned to heavy snow after 3 AM, continuing until 1:30 PM when it became light. Snow became heavy again by 5 PM with one inch per hour snowfall rates through 7 PM. The snow continued into the 24th. |
| <p>February 24</p> | <ul style="list-style-type: none"> ● In 2001, freezing rain fell across southwest and central Wisconsin between 4 AM and 12:30 PM. Even though glazing was widespread, with ice accumulations of 1/4 inch, law enforcement officials reported only minor automobile accidents. ● In 2000, Caledonia (58, warmest February temperature). ● In 1994, Mauston, WI (10") and Preston, MN (8.8") snow. ● In 1992, Jump River, WI (6.5") snow. ● In 1991, Owen, WI (9") and Goodrich, WI (8") snow. ● In 1976, Jump River, WI (61, warmest February temperature). ● In 1975, a winter storm brought snow amounts of: In IA: New Hampton (10"), Fayette (9"), Elkader (8"; 1.63" water equivalent, wettest February day), Oelwein (8"), Dorchester (7"), Decorah (6"), Waucoma (6"). In MN: Caledonia (7"), Spring Grove (6.6"). In WI: Platteville (8.1"), La Crosse (8"), Richland Center (7"), Jump River (6.8"), Mauston (6.5"), Hillsboro (6"). |

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| <p>February 25</p> | <ul style="list-style-type: none"> ● In 2000, both Elkader, IA (66) and Genoa, WI (63) had their warmest February temperature. ● In 1994, Cashton, WI (9") and Austin, MN (6") snow. ● In 1975, Trempealeau, WI (9"), Winona, MN (6.5"), and Dodge, WI (6") snow. ● In 1973, Mather, WI (6") snow. ● In 1935, Winona, MN (6") snow. ● In 1926, snow began during the late afternoon of the 24th and continued into the early afternoon of the 25th. La Crosse (9.7") snow. Lancaster, WI (1.43", wettest February day). |
| <p>February 26</p> | <ul style="list-style-type: none"> ● In 2000, the following locations recorded their warmest February temperature: Platteville, WI (66), Lancaster, WI (64), and Alma, WI (62). ● In 1996, freezing rain and sleet fell from the afternoon of the 26th through the early morning hours of the 27th in southwest and central Wisconsin. There were also reports of thunder and lightning. A coating of ice 1/4 to 1/2 inch thick accumulated creating dangerous driving conditions and knocking down power lines. The glaze event marked the 5th time during that winter that glaze had occurred. ● In 1995, an ice storm struck the southern tier of Wisconsin, with freezing rain and freezing drizzle producing a coating of ice up to 1/4 inch. Roads and sidewalks became a sheet of ice. Two deaths were indirectly related to this ice storm. Hundreds of people were treated at local hospitals from mishaps while driving or walking. ● In 1994, Grand Meadow, MN (6.5") and Richland Center, WI (6") snow. ● In 1984, Elgin, MN (7") snow. ● In 1967, a strong warm front moved through central Wisconsin. The warm air replaced an arctic air mass that had resided across the area since February 23rd. After a morning low of -22 at Neillsville, WI, the temperature climbed to 38. This 60 degree temperature difference is the greatest recorded in Neillsville. Winona, MN had a high of 36 and a low of -21. This 57 degree temperature difference is the greatest recorded in Winona. ● In 1962, a winter storm brought snow amounts of: In IA: Oelwein (10"), Fayette (8"), Lansing (8"), Dorchester (7.2"), Elkader (7"), Waucoma (7"), Charles City (6"), Decorah (6"), New Hampton (6"). In MN: Harmony (6.5"), La Crescent (6"), Lanesboro (6"). In WI: Muscoda (8.1"), Lynxville (8"), Westby (8"), Necedah (7.5"), Hillsboro (7"), Lancaster (7"), Mauston (7"), Prairie du Chien (7"), Readstown (7"), Viroqua (7"), Galesville (6"), Mather (6"). ● In 1951, Theilman, MN (1.17") and Owen, WI (1.03") had their wettest February day. ● In 1936, Winona, MN (11") snow. |
| <p>February 27</p> | <ul style="list-style-type: none"> ● In 1998, the following locations recorded their wettest February day: Platteville, WI (1.71"), Trempealeau, WI (1.52"), Lynxville, WI (1.38"), Alma, WI (1.32"), and Lanesboro, MN (1.30"). ● In 1983, Caledonia, MN (6") snow. ● In 1948, Charles City, IA (1.94") and Austin, MN (1.04") had their wettest February day. ● In 1901, Cresco, IA (1.05", wettest February day). ● In 1896, Medford, WI (60, warmest February temperature). ● In 1893, Grand Meadow, MN (2.10", wettest February day). Rochester, MN (13.5", snowiest February day). |

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| February 28 | <ul style="list-style-type: none"> ● In 1981, Harmony, MN (1.48", wettest February day). ● In 1970, Rochester, MN (6") snow. ● In 1951, Oelwein, IA (10") snow. ● In 1949, Mather, WI (6") snow. ● In 1948, Genoa, WI (1.55") and Decorah, IA (1.46") had their wettest February day. ● In 1946, a strong warm front moved through northeast Iowa. In Decorah, IA, the temperature rose from a morning low of -10 to a high temperature of 51. This 61 degree temperature difference is the greatest ever recorded in Decorah. ● In 1939, snow began falling on the evening of the 27th and continued to fall through the afternoon of the 28th. New Hampton, IA (12"), La Crosse, WI (11.7"), Winona, MN (11.5"), Grand Meadow, MN (8"), Viroqua, WI (7") snow. ● In 1919, snow began on the afternoon of the 27th and then continued through evening of the 28th. The snow was heavy through the night and into the early afternoon. La Crosse, WI (8.2") and Viroqua, WI (6") snow. |
| February 29 | <ul style="list-style-type: none"> ● In 1948, Mather, WI (7") snow. |

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| <p>March 1</p> | <ul style="list-style-type: none"> ● In 1987, a winter storm brought snow amounts of: In IA: Waucoma (7.5"), Decorah (6"), Dorchester (6"), New Hampton (6"), Waukon (6"). In MN: Lanesboro (7"), Spring Grove (7"), Caledonia (6"), Grand Meadow (6"), Harmony (6"), Preston (6"). In WI: Trempealeau (9"), Dodge (7"), Galesville (7"), Hokah (7"), Goodrich (6"), Hatfield (6"), Jump River (6"), Mondovi (6"). ● In 1984, Lake City, MN (6") snow. ● In 1965, New Hampton, IA (7.5") snow. ● In 1962, the following locations recorded their coldest March temperature: In IA: Decorah (-33), Fayette (-33), Charles City (-32), Guttenberg (-30), Cresco (-29), Oelwein (-27), Osage (-27), Waukon (-21). In MN: Preston (-35), Austin (-34), Grand Meadow (-31), Rochester (-31). In WI: Medford (-40), Necedah (-40), Neillsville (-39), Dodge (-38), Hillsboro (-38), Mather (-37), Owen (-36), Viroqua (-35), Lynxville (-34), Mondovi (-34), Blair (-33), Prairie du Chien (-33), Trempealeau (-32), Genoa (-31), Richland Center (-30), Sparta (-30), La Crosse (-28), Alma (-27), Platteville (-27), Lancaster (-22). ● In 1958, Jump River, WI (6") snow. ● In 1951, Owen, WI (8"), Alma, WI (6"), Grand Meadow, MN (6"), Jump River, WI (6"), Neillsville, WI (6"), and Osage, IA (6") snow. ● In 1932, La Crosse (7.4") snow. The snow began to fall during the early morning hours of the 1st and continued through the early morning hours of the 2nd. The snow mixed with sleet during the evening of the 1st. |
| <p>March 2</p> | <ul style="list-style-type: none"> ● In 2002, the very mild 2001-2002 winter led to a record for the latest sub-zero temperature at La Crosse. Temperatures did not drop below zero until this date for the entire winter. In addition, a record was set for the longest string of above zero temperatures. The record was set from March 1, 2001 to March 2, 2002 for a total of 366 days. ● In 1989, Hokah, MN (6") snow. ● In 1972, Caledonia, MN (6"), Hatfield, WI (6"), and Trempealeau, WI (6") snow. ● In 1948, Richland Center, WI (7.5"), Fayette, IA (7"), and New Hampton, IA (6") snow. |
| <p>March 3</p> | <ul style="list-style-type: none"> ● In 1989, a winter storm brought snow amounts of: In IA: Osage (6"). In MN: Winona (9.5"), Harmony (8"), Hokah (7"), Elgin (6.4"), Austin (6"), Grand Meadow (6"). In WI: Jump River (12"), Necedah (10"), La Crosse (7.5"), Mondovi (7.5"). ● In 1985, Rochester, MN (9") and Winona, MN (8.5") snow. ● In 1977, Jump River, WI (7"), and Lake City, MN (6"), and Mondovi, WI (6") snow. ● In 1951, Theilman, MN (9.3"), Winona, MN (7"), Alma, WI (6"), Mather, WI (6"), and Mondovi, WI (6") snow. ● In 1923, a mix of rain and snow began during the afternoon at La Crosse and then changed to heavy snow during the evening. The snow continued until about 2 AM on the 4th. La Crosse, WI (8.8") snow. ● In 1900, New Hampton, IA (6") snow. |

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| <p>March 4</p> | <ul style="list-style-type: none"> ● In 1992, Genoa, WI (1.70", wettest March day). ● In 1989, a winter storm brought snow amounts of: In IA: Waucoma (7"), Caledonia (6"), Cresco (6"). In MN: Wabasha (7.5"), Harmony, MN (7"), Grand Meadow (6"), Theilman (1.78", wettest March day). In WI: Mather (10"), Owen (10"), Goodrich (9"), Alma (8"), Hatfield (8"), Neillsville (7"). ● In 1985, a winter storm brought snow amounts of: In IA: Dorchester (6"). In MN: Elgin (8.5"), Grand Meadow (7"), Zumbro Falls (7"), Wabasha (6.5"), Austin (6"), Caledonia (6"), Lanesboro (6"). In WI: Alma (12"), Hatfield (11"), Jump River (10"), Neillsville (9"), Goodrich (8.5"), Owen (8"), Sparta (8"), Galesville (6.5"), Mauston (6"), Mondovi (6"). ● In 1982, Platteville, WI (6.6") and Lancaster, WI (6") snow. ● In 1972, a winter storm brought snow amounts of: In MN: Winona (7"), Theilman (6.5"), Minnesota City (6"), Wabasha (6"). In WI: Curtiss (9"), Neillsville (8"), Jump River (6.2"), Hatfield (6"), Owen (6"), Trempealeau (6"), Viroqua (6"). ● In 1962, a winter storm brought snow amounts of: In IA: Decorah (6"). In MN: Preston (10"), Lake City (8"), Lanesboro, (8"), Winona (8"), Austin (6"), Grand Meadow (6"). In WI: La Crosse (7.5"), Galesville (7.4"), Viroqua (7"), Prairie du Chien (6"). ● In 1924, Viroqua, WI (9") snow. Oelwein, IA (2.16", wettest March day). ● In 1920, snow began during the morning of the 3rd and continued into the late morning of the 4th. The heaviest snow fell between 7:30 PM and 9:30 PM. In the La Crosse area, 6" of snow fell and northwest winds caused considerable drifting and delayed trains. |
| <p>March 5</p> | <ul style="list-style-type: none"> ● In 2000, La Crosse, WI (70) high temperature. This was the earliest 70 degree reading in La Crosse. ● In 1985, Cashton, WI (8") snow. ● In 1984, Zumbro Falls, MN (8"), Jump River, WI (6.5"), Alma, WI (6"), and Wabasha, MN (6") snow. ● In 1976, Dodge, WI (6"), Hatfield, WI (6"), and Muscoda, WI (6") snow. ● In 1972, Curtiss, WI (6") snow. ● In 1963, Elkader, IA (10"), New Hampton, IA (8"), Spring Grove, MN (6.5"), and Richland Center, WI (6") snow. ● In 1962, Osage, IA (6") snow. ● In 1959, a winter storm brought snow amounts of: In IA: Elkader (12"), Oelwein (10"). In MN: Spring Grove (11"), Preston (8"). In WI: Necedah (13"), Cashton (11.5"), La Crosse (10"), Richland Center (10"), Westby (10"), Mauston (8"), Sparta (8"), Platteville (7"). |

March 6

- In 1995, a well-anticipated winter storm began on this date and continued into the 7th. It affected a wide swath from southwest to northeast Wisconsin. Some snow amounts:
In MN: Winona (9"), Austin (8.5").
In WI: Arcadia (10"), Friendship (10"), Viroqua (7.5"), La Crosse (7.1"), Prairie du Chien (7").
- In 1963, a winter storm brought snow amounts of:
In IA: Fayette (10.5"), Waucoma (10"), Charles City (9.5"), Lansing (9"), Decorah (7"), Waukon (7"), Cresco (6").
In MN: Caledonia (10"), La Crescent (8.5"), Winona (7.5"), Lanesboro (6.5").
In WI: Prairie du Chien (12"), Lynxville (10"), Mather (9.5"), Hatfield (9"), Hillsboro (9"), Mauston (9"), Sparta (8.5"), Viroqua (8"), Trempealeau (7.4"), Genoa (7"), Lancaster (7"), Dodge (6.5"), Muscoda (6"), Necedah (6").
- In 1961, Preston, MN (6") snow.
- In 1959, a very potent winter storm brought significant snows, with amounts totaling:
In IA: Fayette (21", greatest one-day snowfall), Cresco (14", tied November 19, 1957 for greatest one-day snowfall), Lansing (14", greatest one-day snowfall), Waucoma (14"), Decorah (13"), Osage (10.5"; 2.07" water equivalent, wettest March day), Dorchester (10"), Waukon (9"), Charles City (8.3"), Oelwein (6").
In MN: La Crescent (16", tied January 4, 1971 and March 14, 1997 for greatest one-day snowfall), Harmony (14"), Lanesboro (12"), Winona (11"), Grand Meadow (8"), Spring Grove (6.5").
In WI: Hatfield (20", greatest one-day snowfall), Prairie du Chien (16", greatest one-day snowfall), Readstown (16", greatest one-day snowfall), Mather (15"), Muscoda (15"), Neillsville (15", greatest one-day snowfall), Viroqua (15"), Lynxville (14", greatest one-day snowfall), Galesville (13"), Lancaster (13", tied January 3, 1986 for greatest one-day snowfall), Necedah (13"), Trempealeau (12.3"), Dodge (12"), Sparta (12"), Westby (12"), Genoa (11"), Curtiss (10"), Goodrich (10"), Mauston (7"), Platteville (6"), Cashton (6.1"). Sparta (31" snow depth, greatest on record).
- In 1958, Lancaster, WI (6") snow.
- In 1948, Fayette, IA (8"), New Hampton, IA (8"), and Winona, MN (6") snow.
- In 1944, New Hampton, IA (7") snow.

March 7

- In 2000, La Crosse, WI (82) high temperature. This was the earliest 80 degree reading in La Crosse.
 - In 1998, Oelwein, IA (10") snow.
 - In 1995, a winter storm brought snow amounts of:
In IA: New Hampton (10"), Cresco (9"), Osage (8.5"), Lansing (8.2"), Waucoma (8"), Marble Rock (7.7"), Charles City (7.5"), Postville (7"), Dorchester (6.2"), Waukon (6").
In MN: Grand Meadow (10.5"), Lanesboro (9.5"), Preston (9.5"), Minnesota City (9"), Harmony (8"), Spring Grove (8"), La Crescent (7.5"), Caledonia (6").
In WI: Alma (7"), Mauston (6"), Neillsville (8"), Prairie du Chien (7"), Richland Center (6"), Mather (8"), Lancaster (6"), Trempealeau (6.5"), Sparta (8"), Steuben (6"), Gays Mills (7"), Ontario (7"), Galesville (6"), La Farge (8"), Hokah (6.8"), Westby (7.2"), Lynxville (6.5").
 - In 1975, a winter storm brought snow amounts of:
In IA: New Hampton (8"), Waucoma (7"), Charles City (6"), Decorah (6"), Dorchester (6"), Elkader (6"), Fayette (6"), Lancaster (6"), Osage (6").
In WI: Lynxville (7.5"), Muscoda (6"), Prairie du Chien (6").
 - In 1963, Harmony, MN (8") snow.
 - In 1961, Hatfield, WI (6") snow.
 - In 1959, 22.7" of snow fell (3.57" water equivalent) in Caledonia, MN making it their snowiest day on record and their wettest March day. This also increased their snow depth to 37", which is the greatest on record for Caledonia.
 - In 1956, Hatfield, WI (9"), Spring Grove, MN (6.8"), La Crosse, WI (6.7"), Harmony, MN (6.5"), Gays Mills, WI (6"), New Hampton, IA (6"), and Richland Center, WI (6") snow.
 - In 1948, Winona, MN (6") snow.
 - In 1935, Fayette, IA (7") snow.
 - In 1934, Grand Meadow, MN (9") snow.
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March 8

- In 1999, a strong low pressure system marched out of the Rockies and into the central Great Plains. The center of this winter storm tracked across central Iowa and Illinois, sending bands of snow as far north as central Wisconsin. Buffalo, Crawford, Grant, Jackson, Richland, and Trempealeau Counties in southwest Wisconsin received 6-10" of snow between 8 AM on the 8th and 4 AM on the 9th. Strong southeast winds gusting to 40 mph caused considerable blowing and drifting, with drifts in some places 3-4 feet high. Osage, IA (6") and Waucoma, IA (6") snow.
- In 1998, a winter storm affected Adams, Crawford, Grant, Juneau, Richland, and Vernon Counties in southwest and central Wisconsin from 5 AM to 8 PM. Between 6-12" of snow was common with amounts up to 14" in areas along and south of the Wisconsin River. The deep snow, combined with strong north winds, created 3 foot drifts and reduced visibility to near zero at times. Some snow amounts in WI: Muscoda (9.2"), Readstown (9"), Ontario (6"), Viroqua (6").
- In 1967, Theilman, MN (-28, coldest March temperature).
- In 1961, a winter storm brought snow amounts of:
In IA: Elkader (20", greatest one-day snowfall), Fayette (17"), Waucoma (15", greatest one-day snowfall), Charles City (12"), Decorah (11"), New Hampton (10"), Waukon (10"), Dorchester (9.2"), Oelwein (9"), Cresco (7").
In MN: Spring Grove (14.5"), Harmony (14"), Lanesboro (12"), Preston (12"), Grand Meadow (10"), Austin (9"), Elgin (7"), Rochester (6.6"), Theilman (6.4"), Caledonia (6"), Winona (6").
In WI: Prairie du Chien (14"), Platteville (13"), Lancaster (10"), La Crosse (8.5"), Richland Center (8"), Westby (8"), Mauston (7"), Sparta (6.4"), Galesville (6.2"), Alma (6"), Dodge (6"), Genoa (6"), Lynxville (6"), Muscoda (6"), Necedah (6"), Readstown (6"), Trempealeau (6").
- In 1956, Waukon, IA (9") and Mather, WI (6") snow.
- In 1946, snow began falling during the afternoon of the 7th and continued through the late afternoon of the 8th. North winds of 15 to 25 mph caused some blowing and drifting of the snow. This was especially true on the ridges along the Mississippi river. Some snow amounts: Fayette, IA (6.4"), La Crosse, WI (6"), New Hampton, IA (6"), Viroqua, WI (6").
- In 1907, Grand Meadow, MN (83, warmest March day).

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| <p>March 9</p> | <ul style="list-style-type: none"> ● In 2002, after a very quiet and mild winter, a late season blizzard hit parts of the region. Winds were sustained at 30-40 mph with gusts around 50 mph. This caused whiteout conditions, especially across northeast Iowa and southeast Minnesota. There were numerous accidents, one of which ended up with a fatality in Byron, MN. Some roads were closed due to snow and ice, including a part of I-90. ● In 1999, a winter storm brought snow amounts of: In IA: Cresco (6"). In MN: Wabasha (10"), Dodge Center (9"), Grand Meadow (8"), Strawberry Point (7"), Preston (6.8"), Lanesboro (6"). In WI: Alma (12"), Cashton (8.5"), Mondovi (7.2"), Trempealeau (7"), Muscoda (6.2"), Cuba City (6"), Galesville (6"), Mather (6"). ● In 1998, a winter storm brought snow amounts of: In IA: Fayette (9.2"), New Hampton (8"), Elkader (7"). In WI: Mauston (12"), Richland Center (10"), Platteville (9"), Gays Mills (8"), Hillsboro (8"), Lynxville (8"), La Farge (7"), Prairie du Chien (7"), Westby (6"). ● In 1992, La Crosse, WI (1.58", wettest March day) and Preston, MN (1.52", wettest March day). Jump River, WI (8") and Goodrich, WI (7") snow. ● In 1961, Osage, IA (9"), Hatfield, WI (8"), Mather, WI (8"), Genoa, WI (6"), Harmony, MN (6"), Hillsboro, WI (6"), Lansing, IA (6"), and Lynxville, WI (6") snow. ● In 1957, Grand Meadow, MN (8") snow. ● In 1943, New Hampton, IA (7") snow. ● In 1918, Medford, WI (1.80", wettest March day). ● In 1909, a snow storm which began during the evening of the 8th continued into the 9th across southeast Minnesota, northeast Iowa, and southwest and central Wisconsin. Between noon and 2:30 PM, the snow fell at a rate of over an inch per hour in the La Crosse, WI area. Some storm amounts: La Crosse, WI (13.7"), New Hampton, IA (11"), Mason City, IA (10.7"), Fayette, IA (7"), Viroqua, WI (7"), Waterloo, IA (7"). |
| <p>March 10</p> | <ul style="list-style-type: none"> ● In 1993, Neillsville, WI (8"), Mather, WI (7"), Mauston, WI (6"), and Sparta, WI (6") snow. ● In 1980, Lanesboro, MN (6") snow. ● In 1956, Rochester (10.8", snowiest March day), Elgin, MN (10"), and La Crosse, WI (8") snow. ● In 1956, Rochester, MN (10.8") and Austin, MN (10") snow. ● In 1943, Viroqua, WI (11") snow. ● In 1876, an F3 tornado moved east-northeast across Hazel Green, WI (Grant County) destroying a large part of the town. Parts of a church steeple were carried more than 3 miles. Several people were "crushed beyond recognition" in their homes. Two children were carried 400 yards and set down. They were badly bruised, but they were alive. It was reported that two horses were carried to a height of 60 feet and set down 600 yards from their barn "unbruised but stone dead 20 feet apart". The village hearse was "carried off" and a coffin handle was found eight miles to the northeast. Southwest of Hazel Green "a furrow 600 feet long, 4 feet wide, and several feet deep was plowed." Newspapers reported that "Hazel Green will never be resurrected, 23 homes (were) ground finer than grist from the mills of the Gods." During the 3 years prior, Hazel Green had weathered several damaging wind storms, a nitro-glycerine explosion, and a plague of scarlet fever. |

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| <p>March 11</p> | <ul style="list-style-type: none"> ● In 2001, a winter storm began to spread heavy snow across the area late on the 11th and continued through the afternoon of the 12th. Widespread snowfall amounts of 6-10" were reported. At least one building collapsed due to the weight of the heavy snow. Spring Valley, MN (11") and Whitehall, WI (11") snow. ● In 1985, Jump River, WI (6.3") snow. ● In 1973, Jump River, WI (1.68"), Owen, WI (1.62"), and Goodrich, WI (1.57") all recorded their wettest March day. ● In 1962, Austin, MN (8.3"), Elkader, IA (8.0"), Lake City, MN (7"), Elgin, MN (6.2"), and Mondovi, WI (6") snow. ● In 1956, a winter storm brought snow amounts of: In IA: Cresco (10"), Osage (10"), Decorah (6"), Dorchester (6"), Lansing (6"). In MN: Winona (14"), Grand Meadow (9"), La Crescent (9"), Lake City (8"), Lanesboro (8"), Spring Grove (7.5"), Caledonia (7"). In WI: Hatfield (17"), Alma (12"), Neillsville (10"), Viroqua (10"), Trempealeau (9"), Cashton (8"), Hillsboro (8"), La Crosse (7.5"), Dodge (7"), Mather (6"), Necedah (6"), Prairie du Chien (6"), Readstown (6"). ● In 1951, Charles City, IA (10.8") and Cresco, IA (7") snow. ● In 1950, a winter storm brought snow amounts of: In IA: Decorah (8.5"), Elkader (8"), Lansing (8"), New Hampton (8"), Oelwein (8"), Cresco (6.5"), Fayette (6"), Osage (6"). In WI: Muscoda (12"), Lynxville (10"), Steuben (8.3"), Gays Mills (8"), Prairie du Chien (7.3"), Lancaster (7"), Viroqua (6"). ● In 1948, New Hampton, IA (-25, coldest March temperature). ● In 1941, snow began falling during the late evening of the 9th and continued to fall through the early morning of the 12th. Viroqua, WI (10.5"), La Crosse, WI (8.2"), and Fayette, IA (7.5") snow. |
| <p>March 12</p> | <ul style="list-style-type: none"> ● In 2001, the last winter storm of the season brought heavy snow to southwest and central Wisconsin. This forced the closure of schools and businesses. Snowfall amounts of 6-10" were common. Law enforcement officials in Whitehall reported 11" and a cooperative observer near La Crosse Regional Airport reported 7.5". Other snowfall amounts: In MN: Winona (10.5"), Hokah (10"), Rochester (8.6"), Preston (7.1"), Lanesboro (7"), Elgin (6.5"), Austin (6"), Grand Meadow (6"). In WI: Mondovi (11"), Galesville (8"), Blair (7"), Jump River (6"), Trempealeau (6"). ● In 1997, Elgin, MN (18", greatest one-day snowfall) and Theilman, MN (8") snow. ● In 1991, Oelwein, IA (6.5") snow. ● In 1965, Hatfield, WI (6") and Lake City, MN (6") snow. ● In 1962, a winter storm brought snow amounts of: In IA: Cresco (7"), New Hampton (6"). In MN: Grand Meadow (9"), Harmony (7.2"), Theilman (6.7"), Caledonia (6"), Lanesboro (6"). In WI: Mather (11"), Neillsville (10"), Goodrich (7"), Jump River (7"), Owen (6"). ● In 1951, a winter storm brought snow amounts of: In IA: New Hampton (18", greatest one-day snowfall), Elkader (16"), Osage (13", greatest one-day snowfall), Fayette (11"), Decorah (8"). In MN: Grand Meadow (7"). In WI: Prairie du Chien (9.5"), Lynxville (9"), Steuben (7.3"), Gays Mills (6"). ● In 1923, Fayette, IA (6") snow. |

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| <p>March 13</p> | <ul style="list-style-type: none"> ● In 1997, one of the most significant spring snow storms on record was centered on this day. A total of 19.1" fell on La Crosse from the 12th through the 14th, with 14.3" falling on the 13th. This was the highest one-day snowfall for March and the 2nd highest one-day snowfall total recorded there. In Rochester, 10.5" of snow fell on the 13th, with a total of 13.3" for the 3 days. Many rural roads were blocked as drifts reached as much as 6 feet high. Other snow amounts from this day: In MN: Winona (11"), Austin (8"). In WI: Viroqua (17", greatest one-day snowfall), Cashton (9"), Hillsboro (8"), Galesville (6"), Gays Mills (6"), La Farge (6"), Mauston (6"), Mather (6"), Ontario (6"). ● In 1991, Elkader, IA (8"), Lancaster, WI (7.5"), Platteville, WI (6.9"), Prairie du Chien, WI (6"), Waucoma, IA (6") snow. ● In 1980, Cresco, IA (6"), Preston, MN (6"), and Minnesota City, MN (6") snow. ● In 1954, Jump River, WI (10"), Alma, WI (7"), and Hatfield, WI (6") snow. ● In 1952, Cresco, IA (6") and Gays Mills, WI (6") snow. ● In 1951, Mauston, WI (6.7") and Minnesota City, MN (6") snow. ● In 1940, snow began falling during the evening of the 12th and continued through the morning hours of the 14th. Amounts ranged from: Grand Meadow, MN (9"), La Crosse, WI (8.6"), New Hampton, IA (8"), Winona, MN (8"). ● In 1925, La Crosse, WI (9") snow. |
| <p>March 14</p> | <ul style="list-style-type: none"> ● In 1997, a winter storm brought snow amounts of: In MN: La Crescent (16", tied March 6, 1959 and January 4, 1971 for greatest one-day snowfall), Minnesota City (16", greatest one-day snowfall), Hokah (12.1"), Caledonia (12"), Grand Meadow (10"), Lanesboro (10"), Preston (9.2"), Spring Grove (9"), Winona (6"). In WI: Mather (16"), Galesville (15", greatest one-day snowfall), Sparta (15"), Trempealeau (15"), Genoa (12"), Mauston (12"), Neillsville (12"), Alma (10"), Ontario (10"), Hillsboro (9"), La Farge (9"), Cashton (8"), Readstown (8"), Goodrich (7.6"), Owen (6.5"), Mondovi (6"). ● In 1990, both Cresco, IA (1.91") and Hatfield, WI (2.05") had their wettest March day. ● In 1975, a strong arctic cold front moved through central Wisconsin. In Jump River, WI, the temperature fell from a high temperature of 37 to -20 by the end of the day. This 57 degree difference between the high and low temperature tied February 13, 1971 and September 11, 1976 for Jump Rivers' greatest temperature difference. ● In 1959, La Crosse, WI (6.5") snow. ● In 1951, Minnesota City, MN (6") snow. ● In 1918, La Crosse, WI (7.4") snow. ● In 1913, Neillsville, WI (2.10") and Viroqua, WI (2.37") had their wettest March day. ● In 1905, Fayette, IA (8") snow. ● In 1904, Fayette, IA (6") and Viroqua, WI (6") snow. |
| <p>March 15</p> | <ul style="list-style-type: none"> ● In 1959, a winter storm brought snow amounts of: In IA: New Hampton (12.5"), Cresco (12"), Dorchester (10"), Fayette (10"), Decorah (9"), Charles City (8"), Osage (8"), Waucoma (7"), Elkader (6"). In MN: Caledonia (10.4"), La Crescent (9"), Spring Grove (9"), Lanesboro (8"), Harmony (7"). In WI: Viroqua (11"), Platteville (8"), Westby (8"), La Crosse (7.5"), Lancaster (6"), Mather (6"), Mauston (6"), Muscoda (6"), Readstown (6"), Richland Center (6"), Sparta (6"), Trempealeau (6"). ● In 1923, New Hampton, IA (6.8") and La Crosse, WI (6.2") snow. |
| <p>March 16</p> | <ul style="list-style-type: none"> ● In 1983, Zumbro Falls, MN (8"), Jump River, WI (6.3"), and Wabasha, MN (6") snow. ● In 1965, Dorchester, IA (6.1") snow. |

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| March 17 | <ul style="list-style-type: none"> ● In 1989, Mather, WI (6") and Mondovi, WI (6") snow. ● In 1965, Mauston, WI (8"), Richland Center, WI (8"), Cashton, WI (7.5"), Spring Grove, MN (7.5"), Platteville, WI (7.3"), Elgin, MN (6"), Mondovi, WI (6"), Prairie du Chien, WI (6"), and Preston, MN (6") snow. ● In 1942, Grand Meadow, MN (11") snow. |
| March 18 | <ul style="list-style-type: none"> ● In 1998, 6-8" of snow fell around Medford, WI and points east and south from 1 AM to 10 PM. Strong winds accompanying the snow created 2 to 3 foot drifts. ● In 1989, Hatfield, WI (6.5"), Mauston, WI (6.5"), and Neillsville, WI (6") snow. ● In 1977, in WI: Mather (8"), Hatfield (6.5"), Neillsville (7"), Mauston (6"), and Goodrich (6") snow. ● In 1971, Richland Center, WI (8"), Cresco, IA (7"), Rochester, MN (6.9"), and Austin, MN (6") snow. ● In 1965, a winter storm brought snow amounts of: In IA: Decorah (6"). In MN: Wabasha (10.5", greatest one-day snowfall), Minnesota City (10"), La Crescent (8.4"), Caledonia (8"), Winona (8"), Harmony (6"), Lake City (6"). In WI: Jump River (12"), Hatfield (11"), Mather (11"), Alma (9"), Galesville (9"), Readstown (9"), Dodge (8.6"), Trempealeau (8"), Westby (7.5"), Curtiss (7"), Goodrich (7"), Muscoda (7"), Neillsville (7"), Owen (7"), Lynxville (6"). ● In 1957, Richland Center, WI (9"), Preston, MN (6"), and Spring Grove, MN (6") snow. ● In 1951, a winter storm brought snow amounts of: In IA: Cresco (10"), Osage (10"), New Hampton (8"), Dorchester (6"), Waukon (6"). In MN: Harmony (12"), Spring Grove (12"), Winona (11"), Minnesota City (10"), Theilman (9.1"), Grand Meadow (9"), Lake City (8.5"), Austin (8"), La Crescent (8"), Rochester (7.1"), Caledonia (7"). In WI: Hatfield (15"), Mondovi (11.3"), Mather (9"), Alma (8"), Trempealeau (7.5"), Galesville (7"), Neillsville (7"), Owen (6"), Sparta (6"), West Salem (6"). ● In 1923, Viroqua, WI (6") snow. ● In 1899, New Hampton, IA (10") snow. |

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| <p>March 19</p> | <ul style="list-style-type: none"> ● In 1998, Goodrich, WI (6.5") and Owen, WI (6") snow. ● In 1971, a winter storm brought snow amounts of: In IA: New Hampton (12"), Waucoma (11"), Waukon (10"), Charles City (9"), Lansing (7.3"), Fayette (6"). In MN: Harmony (9"), Caledonia (6"). In WI: Readstown (10"), Viroqua (10"), Lancaster (8"), Mauston (8"), Muscoda (8"), Richland Center (8"), Westby (7"), Lynxville (6.5"), Alma (6"). ● In 1966, Goodrich, WI (6") snow. ● In 1965, Lanesboro, MN (8") snow. ● In 1957, a winter storm brought snow amounts of: In IA: Cresco (11"), Decorah (9"), Dorchester (8"), Lansing (8"), Fayette (6.6"), Osage (6"). In MN: Harmony (7"), Caledonia (6.5"). In WI: Lynxville (10"), Muscoda (8"), Readstown (8"), Prairie du Chien (7.5"), Genoa (7"), Viroqua (6.5"). ● In 1933, rain changed over to snow during the evening of the 18th and then continued to fall through the 20th. During this time La Crosse, WI received 16.2" of snow. Meanwhile, south and east of La Crosse, freezing rain produced a heavy coating of ice on power lines. Many poles ended up breaking due to the weight of the ice. Grand Meadow, MN (18", greatest one-day snowfall), Winona, MN (16", tied March 30, 1934 and December 1, 1985 for greatest one-day snowfall), and Viroqua, WI (8") snow. ● In 1922, rain changed to moderately heavy snow at La Crosse, WI at 7 AM and then continued to fall through 3 PM. La Crosse, WI (6") snow. ● In 1920, 3.8" of light yellow snow fell from the evening of the 18th through mid day of the 19th in La Crosse, WI. The coloration of the snow is believed to have come from dust storms in both Colorado and Wyoming. |
| <p>March 20</p> | <ul style="list-style-type: none"> ● In 1984, Alma, WI (7") snow. ● In 1970, a winter storm brought snow amounts of: In IA: Charles City (7"), Cresco (7"), Osage (6.5"), Decorah (6"), Fayette (6"). In MN: Harmony (6"), Grand Meadow (6"), Minnesota City (6"), Theilman (6"). In WI: Trempealeau (6.5"), Mauston (6"), Neillsville (6"), Sparta (6"), Viroqua (6"). ● In 1967, Elkader, IA (9"), Platteville, WI (8.9"), Lancaster, WI (7"), Decorah, IA (6.5"), and Waucoma, IA (6") snow. ● In 1965, Jump River, WI (-27, coldest March temperature). ● In 1933, New Hampton, IA (10") snow. ● In 1901, Viroqua, WI (6") snow. |
| <p>March 21</p> | <ul style="list-style-type: none"> ● In 2001, Grand Meadow, MN (6") snow. ● In 1993, a winter storm dumped up to 13" of snow over southwest Wisconsin. A number of accidents took place. Some snow amounts: Cuba City (13"), Victory (11.5"), and Cassville (10"). ● In 1984, Dodge, WI (8.5"), Winona, MN (7.8"), Lanesboro, MN (7"), Dorchester, IA (6"), Elgin, MN (6"), and Zumbro Falls, MN (6") snow. ● In 1971, Decorah, IA (12") snow. ● In 1967, Prairie du Chien, WI (8"), Mather, WI (6.5"), and Neillsville, WI (6") snow. ● In 1955, a winter storm brought snow amounts of: In IA: Decorah (6"), Dorchester (6"), New Hampton (6"). In MN: Caledonia (8"), Hokah (8"), Grand Meadow (6"), Harmony (6"), La Crescent (6"), Spring Grove (6"), Winona (6"). In WI: Mather (7"), Sparta (7"), Trempealeau (7"), Hatfield (6.1"), Cashton (6"), Curtiss (6"), Goodrich (6"), Neillsville (6"), Owen (6"). ● In 1951, Curtiss, WI (9.4") snow. ● In 1932, Fayette, IA (6") snow. |

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| <p>March 22</p> | <ul style="list-style-type: none"> ● In 1993, Lanesboro, MN (7"), Platteville, WI (6.5"), Preston, MN (6.5"), New Hampton, IA (6"), and Postville, IA (6") snow. ● In 1992, in WI: Richland Center (7"), Muscodia (6.7"), La Farge (6"), Ontario (6"), and Viroqua (6") snow. ● In 1991, Clayton County, IA reported thunderstorm wind gusts in excess of 85 mph. ● In 1952, a winter storm brought snow amounts of: In IA: Cresco (10"), Charles City (9.7"), New Hampton (8"), Lansing (7.5"). In MN: Rochester (10.2"), Harmony (8"), Austin (6"). In WI: La Crosse (6.8"), Platteville (6.3"), Lancaster (6"). ● In 1951, a strong warm front moved through central Wisconsin. After a morning low of -10 at Alma, the temperature climbed to 43 later in the day. This 53 degree difference between the high and low temperature tied February 2, 1970 for Alma's greatest temperature difference. ● In 1938, destructive thunderstorm winds between 4 AM and 4:30 AM caused between \$5,000 and \$10,000 damage at French Island, WI. In addition, there was some interruption of telephone and power service. Hail broke some street lightning globes in La Crosse. The La Crosse Floral Company reported some glass damage. ● In 1916, Fayette, IA (6") snow. ● In 1903, New Hampton, IA (8") snow. ● In 1893, La Crosse, WI (6.5") snow. |
| <p>March 23</p> | <ul style="list-style-type: none"> ● In 1993, Steuben, WI (8") snow. ● In 1980, Jump River, WI (6") snow. ● In 1966, a winter storm brought snow amounts of: In IA: Charles City (2"; 1.75" water equivalent, wettest March day). In MN: Grand Meadow (12"; 2.00" water equivalent, wettest March day), Elgin (11.5"; 1.57" water equivalent, wettest March day), Austin, MN (9"), Lanesboro (6"). In WI: Goodrich (8"), Mondovi (8"), Jump River (7"), Alma (6"; 1.70" water equivalent, wettest March day), Blair (4"; 1.74" water equivalent, wettest March day), Mather (2.2"; 1.51" water equivalent, wettest March day), Trempealeau (3.0"; 2.10" water equivalent, wettest March day), Dodge (5"; 1.92" water equivalent, wettest March day). ● In 1952, a winter storm brought snow amounts of: In IA: Osage (10"), Lansing (7.5"), Fayette (6.5"). In MN: Minnesota City (10"), Winona (9"), Grand Meadow (8"), Theilman (7"), Hokah (6"). In WI: Alma (14", greatest one-day snowfall), Owen (9"), Hatfield (8"), West Salem (6.2"), Goodrich (6"), Steuben (6"), Trempealeau (6"). ● In 1951, Rochester, MN (7.4") snow. ● In 1910, the temperature rose to 84 in Winona, MN and Osage, IA. This is the warmest March temperature at both locations. |

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| March 24 | <ul style="list-style-type: none"> ● In 1996, residents of Clark and Taylor Counties in central Wisconsin were hit by a late March snowstorm. Thunder and lightning accompanied the snow, resulting in snowfall rates of 1-3" per hour at times. Total accumulations of 4-8" were common across the area. Snow amounts included: Goodrich (9.5"), Jump River (8.5"), Owen (8"), Lublin (7"), Gad (5"). ● In 1988, an F2 tornado moved northeast across Fayette and Winneshiek Counties in northeast Iowa. It did considerable damage to buildings in its path. Some of the buildings were almost completely destroyed. Besides this tornado, an F1 tornado caused structural damage just east of Nora Springs, IA (Floyd County) and an F0 tornado destroyed a machine shed just south of Riceville, IA (Mitchell County). ● In 1979, Preston, MN (8.5"), Goodrich, WI (8"), Wabasha, MN (8"), Elgin, MN (7.5"), Hatfield, WI (7.5"), and Hokah, MN (6") snow. ● In 1951, Theilman, MN (5") snow. This brought the snow depth to 30", which is their greatest on record. ● In 1937, Winona, MN (15") snow. ● In 1932, Fayette, IA (8") and New Hampton, IA (6") snow. ● In 1910, Blair, WI (85) and Rochester, MN (82) recorded their warmest March temperature. |
| March 25 | <ul style="list-style-type: none"> ● In 1996, a late March snowstorm hit western and north central Wisconsin. The snow began Sunday evening (24th) and continued through Monday morning (25th) producing 4-8" of accumulation. Strong winds of 15-30 mph produced near white-out conditions, resulting in numerous school closings throughout the area. Some precipitation amounts: Jump River, WI (12.5"), Elgin, MN (6.4"), Mondovi, WI (6"), Nelson, WI (6"), Fountain City, MN (4") snow. Winona, MN (2.00", wettest March day). ● In 1964, Dorchester, IA (7"), La Crosse, WI (6.2"), and Cashton, WI (6") snow. |
| March 26 | <ul style="list-style-type: none"> ● In 1964, a winter storm brought snow amounts of: In IA: New Hampton (8"), Waucoma (8"), Waukon (8"), Lansing (7.8"), Decorah (7"), Charles City (6.2"). In MN: Harmony (7"), Caledonia (6"). In WI: Mather (8.8"), Sparta (7"), Viroqua (7"), Mauston (6.5"), Genoa (6"), Hillsboro (6"), Necedah (6"), Readstown (6"). ● In 1959, Preston, MN (7.1"), Cashton, WI (6.4"), and Richland Center, WI (6") snow. ● In 1950, Waukon, IA (2.66") and Austin, MN (1.94") had their wettest March day. |

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| <p>March 27</p> | <ul style="list-style-type: none"> ● In 1995, a winter storm dumped 6-12" of very wet, heavy snow in a band from northwest to east-central Wisconsin between 3 AM and 5 PM. Sleet, freezing rain, and thunderstorms were also mixed in. Several hundred electrical customers were without power for several hours due to scattered power outages. These outages were the result of the heavy snow and winds gusting to 30 mph pushing tree branches into power lines. Numerous vehicle accidents and four deaths were indirectly related to this storm. Numerous school classes were either delayed or cancelled. Black River Falls (9") snow. ● In 1983, Austin, MN (6") and Marble Rock, IA (6") snow. ● In 1975, La Crosse, WI (6.8") snow. ● In 1972, Spring Grove, MN (6") snow. ● In 1968, an F2 tornado moved from 5 miles southwest of Whitehall, WI to 3 miles east of Whitehall. It destroyed several wood frame barns and a concrete block barn. It caused no injuries or deaths. ● In 1959, Grand Meadow, MN (7") and Lanesboro, MN (7") snow. ● In 1945, an F3 tornado obliterated a farm house and barn 8 miles southwest Medford, WI. ● In 1944, Winona, MN (11") and Grand Meadow, MN (9") snow. ● In 1940, Viroqua, WI (6") snow. ● In 1907, Lancaster, WI (82, warmest March temperature). |
| <p>March 28</p> | <ul style="list-style-type: none"> ● In 1995, Mather, WI (10") and Neillsville, WI (8") snow. ● In 1975, Decorah, IA (7") snow. ● In 1969, Dodge, WI (6.5"), Mauston, WI (6"), Minnesota City, MN (6"), and Necedah, WI (6") snow. ● In 1956, a winter storm brought snow amounts of: In IA: Decorah (1.97" water equivalent, wettest March day). In MN: Lanesboro (1.69" water equivalent, wettest March day). In WI: Curtiss (7"), Jump River (6"), Mondovi (6"), Owen (6"), Harmony (1.87" water equivalent, wettest March day). ● In 1931, snow began during the afternoon of the 27th and continued through the early morning hours of the 29th. La Crosse, WI (13.1") and Viroqua, WI (6") snow. |
| <p>March 29</p> | <ul style="list-style-type: none"> ● In 1998, a weak F0 tornado touched down briefly just west of Wabasha, MN and from 1 mile south of Maxville, WI to 5 miles east of Maxville. No damage was reported with either. These tornadoes were part of a family of tornadoes that ravaged Comfrey and St Peter, MN earlier in the day. ● In 1987, Harmony, MN (11"), Hatfield, WI (8"), Osage, IA (8"), La Crosse, WI (7.3"), Hokah, MN (6"), Lanesboro, MN (6"), and Mauston, WI (6") snow. ● In 1986 [also see March 30th], the following locations recorded their warmest March temperature: In IA: Elkader (87), Guttenberg (87), Charles City (85), Fayette (85), Oelwein (85), New Hampton (84), Waukon (82). In WI: Dodge (86), Hatfield (85), Necedah (85), Platteville (85), La Crosse (84), Mauston (84), Hillsboro (83), Mondovi (83), Neillsville (83), Trempealeau (83), Viroqua (83), Lynxville (82), Genoa (81), Alma (80). ● In 1984, Wabasha, MN (7.9") snow. ● In 1972, Mauston, WI (6.5") snow. ● In 1942, Viroqua, WI (6") snow. ● In 1924, La Crosse, WI (7.5") snow. Thunder was reported during the early morning hours. ● In 1910, Medford, WI (78, warmest March temperature). ● In 1895, Prairie du Chien, WI had a high temperature of 89. This is the warmest March temperature in Wisconsin. |

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| <p>March 30</p> | <ul style="list-style-type: none"> ● In 1986 [also see March 29th], a heat wave continued this day, with record March temperatures ranging from: In IA: Decorah (84), Cresco (83). In MN: Caledonia (86), Preston (82). In WI: Mather (84), Richland Center (84), Sparta (84), Theilman (83), Owen (78). ● In 1982, an F1 tornado touched down in the Armenia Township, WI (Juneau County) where it destroyed a house and three nearby mobile homes. Two occupants of the house were injured. The tornado then moved northeast on a 22 mile intermittent path, just southeast of Nekoosa before lifting southwest of Stevens Point. ● In 1974, Harmony, MN (8") and Cresco, IA (6.2") snow. ● In 1968, Preston, MN had a high temperature of 78 and a low temperature of 21. This 57 degree temperature difference is the greatest ever recorded in Preston. ● In 1967, a large barn was destroyed by an F2 tornado 2 miles south of Protovin, IA in Chickasaw County and then moved north into southeast Howard County. ● In 1951, Lancaster, WI (6") snow. ● In 1934, snow began during the early morning hours of the 29th and continued through the early morning hours of the 31st. Some snow amounts: Winona, MN (16", tied March 19, 1933 and December 1, 1985 for greatest one-day snowfall), La Crosse, WI (12.7"), Grand Meadow, MN (12"), Viroqua, WI (9"). ● In 1924, Fayette, IA (8") snow. ● In 1901, Fayette, IA (7.5") and New Hampton, IA (6") snow. |
| <p>March 31</p> | <ul style="list-style-type: none"> ● In 1998, the following locations recorded their wettest March day: In IA: Elkader (3.23"), Guttenberg (2.93"), Fayette (2.29"). In WI: Muscodia (3.75"), Lancaster (3.60"), Richland Center (3.29"), Prairie du Chien (2.80"), Platteville (2.55"), Lynxville (2.50"), Mauston (2.22"), Hillsboro (2.09"), Necedah (2.03"). ● In 1993, Mondovi, WI (1.89") and Rochester, MN (1.81") had their wettest March day. ● In 1986, Jump River, WI (79, warmest March temperature). ● In 1985, a winter storm brought snow totals of: In IA: Decorah (7.5"), Cresco (6"), Dorchester (6"), New Hampton (6"), Osage (6"). In MN: Lake City (9"), Rochester (7.4"), Austin (7"), Harmony (7"). In WI: Jump River (11"), Mondovi (8"), Caledonia (6"), Cashton (6"), Genoa (6"). ● In 1981, thunderstorm wind gusts up to 90 mph blew through Clark County, WI. ● In 1978, Austin, MN (79, warmest March temperature). ● In 1967, two weak F1 tornadoes touched down shortly after midnight near Elroy, WI (Juneau County) and west of Westby, WI (Vernon County). Neither tornado caused any injuries or deaths. ● In 1949, Hatfield, WI (9"), Curtiss, WI (8"), and Goodrich, WI (8") snow. ● In 1929, snow began on the evening of the 30th and continued through the morning of April 1st. In addition, thunder was reported in the La Crosse, WI area on the 31st. La Crosse received a storm total of 10.3" of snow. The heavy wet snow caused millions of dollars of damage to telephone lines. |

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| <p>April 1</p> | <ul style="list-style-type: none"> ● In 1993, Mauston, WI (6") snow. ● In 1985, Dorchester, IA (9") and Minnesota City, MN (6") snow. ● In 1975, Jump River, WI (-10, coldest April temperature). ● In 1969, Necedah, WI (-1, coldest April temperature). ● In 1962, a winter storm brought snow amounts of: In IA: Fayette (6"). In MN: Caledonia (9"), Grand Meadow (8"), Lanesboro (8"), Winona (8"), Minnesota City (6"). In WI: Dodge (6.5"). ● In 1946, La Crosse, WI (7) low temperature. This, along with April 6, 1982, are the coldest April temperatures ever recorded at La Crosse. ● In 1927, Fayette, IA (8") and New Hampton, IA (6") snow. ● In 1924, the following locations recorded their coldest April temperature: Hatfield, WI (-5), Mondovi, WI (-5), Mather, WI (3), Winona, MN (4) . ● In 1918, a strong cold front moved through the region. Temperatures ahead of the cold front climbed into the 60s and 70s. Meanwhile, temperatures fell into the 20s by the end of the day behind the front. Fayette, IA had a high temperature of 79 and a low temperature of 23. This 56 degree temperature difference is the greatest ever recorded in Fayette. |
| <p>April 2</p> | <ul style="list-style-type: none"> ● In 1981, Necedah, WI had a high temperature of 79 and low temperature of 21. This 58 degree temperature difference is the greatest ever recorded in Necedah. ● In 1979, Lansing, IA (7") and Marble Rock, IA (6") snow. ● In 1975, Platteville, WI (6.3") snow. ● In 1962, New Hampton, IA (6") snow. |
| <p>April 3</p> | <ul style="list-style-type: none"> ● In 1999, 3" of precipitation fell at both Winona, MN and Richland Center, WI. This was the wettest April day at Richland Center. ● In 1995, widespread damaging winds of 58 to 69 mph raked central and southwest Wisconsin between 2:30 PM and 5:30 PM. The powerful winds were generated by strong synoptic-scale winds being convectively enhanced by a series of dry microbursts associated with a strong cold front. Numerous trees and limbs were blown down with resultant power outages. Grass fires (causes unknown) occurred north of Onalaska and across Juneau County. The high winds blew part of a roof off a home in south La Crosse. Some peak wind gusts (mph): La Crosse (69), Mauston (61), Coon Valley (60), Black River Falls (59). ● In 1980, Rochester, MN (6.7") snow. ● In 1964, Lancaster, WI (2.25", wettest April day). ● In 1954, Owen, WI (2, coldest April day). |

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| <p>April 4</p> | <ul style="list-style-type: none"> ● In 1995, a strong arctic cold front moved through the region. The temperatures ahead of the cold front were in the 50s and 60s. However, once the cold front moved through the temperatures fell throughout the remainder of the day. In Gays Mills, WI, the temperature fell from 65 to 12. In Sparta, WI, the temperature fell from 65 to 9. In Cresco, IA, the temperature fell from 64 to 7. In Waukon, IA, the temperature fell from 66 to 10. In Caledonia, MN, the temperature fell from 64 to 8. In Grand Meadow, MN, the temperature fell from 62 to 1. This was the greatest temperature difference ever recorded at all 6 locations. In addition, both Grand Meadow, MN (1) and Alma, WI (7) had their coldest April temperature. ● In 1994, a snowstorm dropped up to 6" of snow across west-central and central Wisconsin, including Buffalo and Trempealeau Counties. Several vehicles skidded into ditches. ● In 1981, the following locations recorded their wettest April day: In IA: Lansing (4.48"), Waukon (4.17"), Cresco (2.90"). In WI: Readstown (3.72"), Mauston (3.70"), Hillsboro (3.20"), Westby (3.10"). ● In 1980, Goodrich, WI (7") snow. ● In 1977, Necedah, WI (8") and Mauston, WI (7") snow. ● In 1945, snow began falling during the morning of the 3rd and continued through the evening of the 4th. Considerable glazing and wire trouble were reported to the south of La Crosse, WI, and as far south as Decorah, IA. Grand Meadow, MN (17"), Winona, MN (10"), and La Crosse, WI (7") snow. ● In 1942, a F3 tornado moved from 2 miles south of Cadott, WI (Chippewa County) to Thorp, WI (Clark County). Twenty-six barns were damaged or destroyed. Three homes and a cheese factory were destroyed. Twenty head of livestock were killed. Damage estimates were \$60,000. ● In 1892, a tornado occurred near Livingston, WI (Grant County) shortly before 5 PM. |
| <p>April 5</p> | <ul style="list-style-type: none"> ● In 2000, a wildfire, fanned by strong northwest winds gusting to around 55 mph, caused nearly 800 acres to be burned in the Burr Oak, WI area between 7 PM on the 5th to 5:30 AM on the 6th. Homes were evacuated, but none of the structures received damage as fire fighters contained the blaze. ● In 1999, Dodge, WI (4.40", wettest day on record). ● In 1982, a winter storm started to effect the region on this day, with its affects lasting into the 7th. Platteville, WI (7.4"), Dorchester, IA (7"), Lancaster, WI (6"), and Preston, MN (6") snow. |
| <p>April 6</p> | <ul style="list-style-type: none"> ● In 1982, (see April 5th and 7th) the low temperature was 5 at Rochester, MN and 7 at La Crosse, WI (tied on April 6, 1946). These are the coldest April temperatures for both locations. Other record low April temperatures set this day: In MN: Preston (-8), Theilman (0), Caledonia (2). In IA: Fayette (-2), Cresco (-1), Charles City (3), Decorah (5), Osage (6), Guttenberg (7). In WI: Viroqua (-8), Blair (-4), Sparta (-1), Richland Center (0), Genoa (6), Lancaster (6), Trempealeau (8). Also on this date: Prairie du Chien, WI (8"), Fayette, IA (6"), and Richland Center, WI (6") snow. ● In 1977, Mauston, WI (5, coldest April temperature). Also, Prairie du Chien, WI (8") and Richland Center, WI (6") snow. ● In 1958, Owen, WI (2.80") and Medford, WI (2.07") had their wettest April day. ● In 1938, New Hampton, IA (6") snow. ● In 1911, Fayette, IA (8.5"), Viroqua, WI (7"), and La Crosse, WI (6") snow. |

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| April 7 | <ul style="list-style-type: none"> ● In 2000, Grant County in southwest Wisconsin was affected by an early spring snowstorm, which brought 3-4" of accumulation between 6 AM and 8 AM. The snow, combined with brisk northeast winds of 15 to 25 mph, caused poor traveling conditions. ● In 1982, (see April 5th and 6th) the temperature fell to 3 at Platteville, WI. This is their coldest April temperature. ● In 1980, a weak F0 tornado touched down in Trempealeau County, WI. ● In 1951, Jump River, WI (1.91", wettest April day). ● In 1911, New Hampton, IA (5, coldest April day). |
| April 8 | <ul style="list-style-type: none"> ● In 1991, an F1 tornado skipped along a 3-mile path from west to east of Freeburg, MN (Houston County). A chimney was blown off the top of a roof and many large trees snapped in half, killing two head of livestock. Numerous farm buildings were damaged or destroyed. In addition to this tornado, an F0 tornado tipped over a gravity bin just south of Bloomington, WI (Grant County). ● In 1976, Charles City, IA (3.06") rain. ● In 1972, Oelwein, IA (3), Prairie du Chien (0), and Lynxville, WI (11) had their coldest April day. ● In 1923, Medford, WI (-4, coldest April day). |
| April 9 | <ul style="list-style-type: none"> ● In 1995, a quick-hitting convective snowstorm struck southwest and central Wisconsin with thunder, lightning, extremely large snow flakes, and sleet. The event began in the evening and continued into the early morning hours of the 10th. The width of the heavy snow band was only 20 miles extending from La Crosse to Wisconsin Dells to Green Lake. At the height of the storm visibilities were near zero. Some snow amounts: Wisconsin Dells (12"), La Crosse (8"), La Farge (8"), Stoddard (8"), Yuba (6"). ● In 1980, 2.90" of precipitation fell in Mondovi, WI. This is their wettest April day. Snow amounts ranged from: Spring Grove, MN (7"), Cashton, WI (6"), Harmony, MN (6"), Zumbro Falls, MN (6"). ● In 1975, Waucoma, IA (6") snow. ● In 1973, a significant snow storm, which began early on the 8th, brought heavy snows to the region. Snow amounts for the 9th ranged from: In IA: Waucoma (12"), Decorah (10.5"), Elkader (10"), New Hampton (10"), Cresco (8"), Lansing (8"), Fayette (6"), Oelwein (6"). In MN: Harmony (11"), Caledonia (10"), La Crescent (10"), Spring Grove (9.4"), Elgin (9"), Minnesota City (9"), Grand Meadow (8"), Rochester (6.4"). In WI: Viroqua (13"), Prairie du Chien (12"), Richland Center (12", greatest one-day snowfall), Hillsboro (11"), La Crosse (10.3", snowiest April day, total snowfall 16"), Platteville (10.2"), Lynxville (9.5"), Genoa (9"), Lancaster (9"), Mauston (9"), Mondovi (8"), Muscoda (8"), Trempealeau (8"), Westby (8"), Sparta (7"), Alma (6"), Galesville (6"), Dodge (6"), Mather (6"). |
| April 10 | <ul style="list-style-type: none"> ● In 1995, La Farge, WI (8"), Lanesboro, MN, (6.5"), and Preston, MN (6.5") snow. ● In 1975, Dorchester, IA (7") snow. ● In 1973, a winter storm brought snow amounts of: In IA: Lansing (8"), Osage (7"), Charles City (6.5"), New Hampton (6"). In MN: Grand Meadow (13"), Minnesota City (7"), Winona (6.5"), Harmony (6"), La Crescent (6"). In WI: Dodge (9"), Lancaster (8"), Hillsboro (7"), Westby (7"), Hatfield (6"), Curtiss (6"), Muscoda (6"), Prairie du Chien (6"), Sparta (6"). ● In 1969, Hillsboro, WI (-14, coldest April day). |

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| <p>April 11</p> | <ul style="list-style-type: none"> ● In 2001, an F1 tornado touched down along P Avenue (just south of Highway 18 or about 2 ½ miles west of West Union, Iowa) in central Fayette County, IA. A farm was hit hard with several barns, sheds, and outbuildings damaged or destroyed. A 69-year old woman was trapped in one of the barns that collapsed, suffering injuries that put her into critical care. The tornado continued north-northeast toward the Douglas area, but lifted about 2 ½ miles northwest of West Union just east of P Ave, about a mile north of Highway 18. Rochester, MN (3.75") rain. ● In 1997 (see April 12th), the Mississippi River reached it's third highest flood on record, affecting several homes and businesses. High water also forced the closure of some highways. On this date, the Mississippi River crested at both Lake City, MN (19 ft) and Wabasha, MN (16.5 ft). ● In 1995, Winona, MN (3.10", wettest April day). ● In 1965, at least one barn was totally destroyed as an F2 tornado tracked northeast across Crawford County, WI from 3 miles south of Gays Mills to 4 miles east of Soldiers Grove. Another F2 touched down 4 ½ miles west of Tomah, WI, destroying sheds and barns on a farm. Also, an F1 tornado touched down in Chickasaw County, IA. None of these tornadoes caused any injuries or deaths. ● In 1973, Neillsville, WI (10") snow. ● In 1964, an F2 tornado destroyed sheds and barns on a farm 5 miles west of Tomah, WI. ● In 1962, Rochester, MN (7.2") snow. ● In 1911, New Hampton, IA (6") snow. |
| <p>April 12</p> | <ul style="list-style-type: none"> ● In 2001, Grand Meadow, MN (3.74") rain. ● In 1997 (see April 11th), the Mississippi River reached it's third highest flood on record, affecting several homes and businesses. High water also forced the closure of some highways. On this date, the Mississippi River crested at 18.3 ft in Winona, MN. ● In 1997, Lancaster, WI (6"), Lansing, IA (6"), and Platteville, WI (6") snow. ● In 1991, 85 mph thunderstorm produced wind gusts were reported in Mitchell County, IA. Oelwein, IA (2.38", wettest April day). ● In 1962, Rochester, MN (7.2"), Elgin, MN (6"), and Mondovi, WI (6") snow. |
| <p>April 13</p> | <ul style="list-style-type: none"> ● In 1973, Austin, MN (7.5") snow. ● In 1970, Austin, MN (8.2") snow. ● In 1964, an F2 tornado occurred in Olmsted County, MN. ● In 1962, Neillsville, WI (6") snow. ● In 1952, a winter storm brought snow amounts of: In IA: Charles City (6.1"), Cresco (6"). In MN: Rochester (6.5"), Spring Grove (6.1"). In WI: La Farge (12", tied February 23, 1994 for greatest one-day snowfall), Hatfield (10"), Gays Mills (9"), La Crosse (7.3"), Sparta (6"), Viroqua (6"). ● In 1883, an F2 tornado destroyed a wagon shop and store/home in Zumbro Falls, MN. |
| <p>April 14</p> | <ul style="list-style-type: none"> ● In 1983, Austin, MN (8") snow. ● In 1974, Mauston, WI (7") snow. Platteville, WI (2.42" water equivalent, wettest April day). ● In 1969, Hillsboro, WI (-14, coldest April day). ● In 1952, Cashton, WI (9.5"), Lancaster, WI (7"), and Owen, WI (6") snow. ● In 1941, strong winds behind a cold front caused damage to cottages in Onalaska, WI. The maximum wind reported at the La Crosse, WI airport was 46 mph. However, wind gusts exceeded 50 mph. |

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| April 15 | <ul style="list-style-type: none"> ● In 2000, Theilman, MN had a high temperature of 82 and a low temperature of 20. This 62 degree temperature difference is the greatest ever recorded in Theilman. ● In 1993, a slow moving storm system deposited a 6-14" swath of snow from southwest to central to northeast portions of Wisconsin. Numerous schools closed, hundreds of accidents occurred and gusty winds to 49 mph downed trees and power lines. St. Joseph Ridge, (La Crosse County) WI (14") and Cashton, WI (7") snow. ● In 1983, Grand Meadow, MN (6") snow. ● In 1949, a winter storm brought snow amounts of: In IA: Fayette (10"), Cresco (6.2"), Decorah (6"), New Hampton (6"), Oelwein (6"). In MN: Spring Grove (7"), Caledonia (6"). In WI: Gays Mills (6"). ● In 1928, Neillsville, WI (2, coldest April day). |
| April 16 | <ul style="list-style-type: none"> ● In 2001, water levels on the Mississippi River rose to near record levels due to a combination of snow melt runoff and heavy rains. In fact, only the all-time flood of record in April 1965 produced higher crests. At Lake City, MN and Wabasha, MN, the river crested at 20.1 ft and 18.2 ft respectively, which was the second highest crest on record for both locations. Numerous homes, businesses and roads near the river were damaged by the high water, with total damage estimated around \$5 million. As a result, Wabasha, Winona, and Houston Counties in southeast Minnesota were declared eligible for state and federal disaster relief funds. Even though the river began falling during the latter part of the April, water levels remained above flood stage until the middle of May (also see April 17th). ● In 1993, a winter storm brought snow amounts of: In IA: Waukon (6"). In MN: Spring Grove (10"), Caledonia (9"). In WI: Ontario (7"), Goodrich (6.5"), Hatfield (6.4"), Dodge (6"), Viroqua (6"). ● In 1973, Caledonia, MN (2.95", wettest day on record), Lanesboro, MN (2.80", wettest April day), and Hatfield, WI (2.05", wettest April day) rain. ● In 1921, Fayette, IA (10") snow. |
| April 17 | <ul style="list-style-type: none"> ● In 2001 (see April 16th), the Mississippi River at Winona, MN crested at 20.1 ft which is their second highest crest. ● In 1975, a weak F0 tornado touched down during the evening in Adams County, WI and an F1 tornado occurred in Howard County, IA. ● In 1960, Prairie du Chien, WI (2.15", wettest April day). |

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| <p>April 18</p> | <ul style="list-style-type: none"> ● In 2002, a series of thunderstorms dropped large hail across the region. Over 60 reports of large hail were received at the La Crosse National Weather Service and a total of 46 warnings were issued. The largest hail was golf ball sized and there were occasional wind gusts to 60 mph. ● In 1995, two small F0 tornadoes touched down in Mower County, MN during the early afternoon. The first occurred in Rose Creek, damaging a machine shed and a home as well as uprooting some trees. Debris was scattered over a stretch of one mile. The second tornado occurred 8 miles east of Grand Meadow. It touched down briefly and damaged a farm building. Debris was scattered over an area 3/4 of a mile wide. ● In 1976, Charles City, IA (3.06", wettest April day), New Hampton, IA (3.04"), and Decorah, IA (3.03") rain. ● In 1955, an F1 tornado moved across Crawford County, WI between Prairie du Chien and Lynxville shortly after midnight. It caused no injuries or deaths. ● In 1949, Goodrich, WI (8") snow. ● In 1941, Waukon, IA (3.10") rain. ● In 1917, a hail storm occurred in La Crosse, WI from 4:37 PM to 4:44 PM. "The hail was large, very rough, and irregular in shape. The largest hail stones were more than 1 inch in diameter, but thin. The ground was about 1/10 covered with these hail stones. Over 2,000 panes of glass said to have been broken at the green houses causing loss over \$1,000." Source: <i>U.S. Department of Agriculture, Weather Bureau Daily Local Record</i>. ● In 1909, the following Iowa cities had their wettest April days: New Hampton (4.60"), Elkader (3.60"), and Fayette (3.13"). |
| <p>April 19</p> | <ul style="list-style-type: none"> ● In 1993, a band of heavy snow fell across central portions of Wisconsin. Winds gusting to 45 mph knocked down power lines and trees. Schools were closed and a number of accidents took place. Friendship (8") and Mauston (6.5") snow. ● In 1966, an F2 tornado touched down 1.5 miles west of Hillsboro, WI and moved northeast to the Elroy, WI area where it lifted. It caused no injuries or deaths. ● In 1957, an F4 tornado skipped across Juneau County, WI and it moved from New Lisbon to 5 miles north of Necedah. When it briefly hit a farm, it destroyed a small home. The house "exploded" killing a man as it was blown away. An F3 tornado touched down just northwest of Kendall. It destroyed small buildings on about a dozen farms. On three farms, all buildings were destroyed except the house. On one farm, only the kitchen was left standing. Farm animals were killed. Also, on this date, an F2 tornado touched down in Holmen, WI and an F0 tornado occurred in Winneshiek County, IA. |
| <p>April 20</p> | <ul style="list-style-type: none"> ● In 1992, an F1 tornado destroyed a 40x50 foot shed and damaged a nearby garage and home 2 miles south of Hillsboro, WI. ● In 1968, a weak F0 tornado touched down in Mower County, MN and an F1 tornado occurred in Fillmore County, MN during the late morning. ● In 1893, La Crosse, WI (7") snow. |
| <p>April 21</p> | <ul style="list-style-type: none"> ● In 1980, Rochester, MN had a high temperature of 91, making it the earliest occurrence of a 90 degree day, and tying it for its warmest April temperature. Other warmest April temperatures set this day: Caledonia, MN (93), Dodge, WI (93), Trempealeau, WI (93), Theilman, MN (92), Preston, MN (91). ● In 1925, an F2 tornado moved east across Howard County, IA from 2 miles south of Davis Corners to just east of Cresco. It destroyed several barns and silos. One boy was killed near Davis Corners when the barn he was seeking shelter in was destroyed. |

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| April 22 | <ul style="list-style-type: none"> ● In 1980 (see April 23rd), early spring warmth continued, with the high temperature at La Crosse, WI reaching 93. This (along with April 29, 1910) is the warmest April temperature recorded in La Crosse. Other locations that had their warmest April day: In IA: Guttenberg (97), Fayette (96), Oelwein (96), Charles City (94), New Hampton (94), Decorah (93), Osage (92), Waukon (91). In MN: Grand Meadow (91). In WI: Prairie du Chien (96), Platteville (94), Lancaster (95), Lynxville (93), Genoa (93), Necedah (93), Mauston (91). ● In 1970, two F1 tornadoes touched down during the late afternoon in Mower County, MN. |
| April 23 | <ul style="list-style-type: none"> ● In 1990, Rochester, MN (3.81") and Elgin, MN (3.10") had their wettest April day. ● In 1980 (see April 22nd), Rochester, MN had a high of 91. This, along with the day before, were their warmest April temperatures. Other warmest April days: Richland Center, WI (93), Blair, WI (91), Cresco, IA (91), Hillsboro, WI (91). ● In 1968, Waucoma, IA (3.81") and Decorah, IA (3.74", wettest April day) rain. ● In 1963, Goodrich, WI (7"), Owen, WI (7"), and Curtiss, WI (6") snow. ● In 1948, a three block long section was devastated at the edge of Ionia, IA (Chickasaw County) by an F4 tornado. Six homes and a church were leveled and nine other homes were badly damaged. Two deaths occurred in the collapse of the Huffman Implement Store. Overall, the tornado killed 5 people, injured 25, and caused \$250,000 in damages. An F2 tornado touched down initially 5 miles northeast of Rochester, MN. Barns, silos, windmills, and machinery were destroyed on four farms as this tornado tracked north. In addition, it caused 9 injuries. |
| April 24 | <ul style="list-style-type: none"> ● In 1994, a weak F1 tornado just north of Cataract, WI damaged 30 trees, a barn, and a picnic shelter. ● In 1990, rain amounts on this day: In MN: Grand Meadow (4.53", wettest April day), Minnesota City (3.60", wettest April day), Theilman (2.56", wettest April day). In WI: Dodge (4.12"), Blair (2.82", wettest April day), Trempealeau (2.60", wettest April day). |
| April 25 | <ul style="list-style-type: none"> ● In 1995, Winona, MN (3.00") rain. ● In 1994, the following locations had their wettest April day: In MN: Hokah (3.55"), La Crescent (3.43"). In WI: Sparta (3.80"), Cashton (3.22"), Ontario (3.00"), Necedah, WI (2.79"), Mather (2.47"), Goodrich (1.78"). |
| April 26 | <ul style="list-style-type: none"> ● In 1988, Rochester, MN (13", snowiest April day). ● In 1954, F1 tornadoes touched down in Camp Decorah (between Holmen, WI and Galesville, WI) and north of Andover, WI. ● In 1935, an F2 tornado removed parts of a roof off a house at the west edge of Viroqua, WI and carried its debris a half mile into town. Several buildings, including three barns, were destroyed on six farms. Estimated damage was \$20,000. |
| April 27 | <ul style="list-style-type: none"> ● In 1991, thunderstorm wind gusts of 80 mph were reported in Clayton County, IA. ● In 1988, Elgin, MN (8") and Austin, MN (7") snow. ● In 1984, 85 mph thunderstorm wind gusts blew through Olmsted County, MN and an F1 tornado touched down in Jackson Township, WI (Adams County) damaging several homes, garages, and barns. ● In 1975, La Crosse, WI (3.91") and Genoa, WI (3.02") had their wettest April day. |

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| April 28 | <ul style="list-style-type: none"> ● In 1975, the following locations had their wettest April day: In IA: Osage (3.05"), In MN: Lake City (3.20"), Lanesboro (2.40"), Preston (2.12"). In WI: Viroqua (3.88"), Galesville (3.08"), Neillsville (2.35"), Alma (2.22"). ● In 1952, Hatfield, WI (91, warmest April day). ● In 1899, Lansing, IA (3.00") rain. |
| April 29 | <ul style="list-style-type: none"> ● In 1981, an F2 tornado touched down a mile and a half south of Pine Island, MN. It destroyed several homes and two silos, demolished barns, shattered outbuildings, and strewn about farm machinery. Livestock was killed and 2 people injured. Also, on this date, two other F0 tornadoes touched down briefly in Olmsted County. ● In 1970, Jump River, WI (88, warmest April day). ● In 1956, a winter storm produced a band of heavy snow across Olmsted and Wabasha Counties in southeast Minnesota and Buffalo County in west central Wisconsin. Rochester, MN (7.1"), Cashton, WI (6.5"), and Mondovi, WI (6.5") snow. ● In 1952, Mondovi, WI (91) and Medford, WI (89) had their warmest April temperature. ● In 1910, La Crosse, WI (93) and Elkader, IA (92) had their warmest April temperature. La Crosse would tie this record on April 22, 1980. |
| April 30 | <ul style="list-style-type: none"> ● In 1984, Lynxville, WI (2.37") and Guttenberg, IA (2.30") had their wettest April day. ● In 1967, an F2 tornado touched down a mile and a half southeast of Austin, MN. As it moved north for 6 miles, it unroofed and tore apart at least two barns and one home. Another F2 tornado moved from Marion, MN to just northeast of Eyota, MN. It destroyed a barn and a trailer. ● In 1956, a band of 6-7" of snow fell across northeast Clark and eastern Taylor Counties in central Wisconsin. Owen (7") and Goodrich (6") snow. ● In 1954, an F2 tornado destroyed all buildings, except the house, on a farm 4 miles north of Lamont on the Buchanan and Fayette County, IA line. Livestock was killed and 7 other farms were hit. Another F2 tornado moved northeast across Delaware and Clayton Counties in northeast Iowa from 2 miles west of Dundee to Garber. Homes and businesses were unroofed and torn apart on the east side of Garber. Damage was estimated at \$1.25 million. Also on this date, La Crosse (3.84") rain. ● In 1952, the following locations had their warmest April temperature: Winona, MN (96), Mather, WI (92), Neillsville, WI (90), Viroqua, WI (90), Alma, WI (89), Owen, WI (87). ● In 1936, an F2 tornado touched down 7 miles south of Fillmore, MN. All buildings on one farm were destroyed, except for a "huge farm house" which was stripped of shingles, shifted, and had every window broken. Damaged estimates were \$25,000. |

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| <p>May 1</p> | <ul style="list-style-type: none"> ● In 2001, four tornadoes affected Freeborn, Mower, and Olmsted Counties in southeast Minnesota during the evening. The first tornado (F2) moved through Glenville (Freeborn County). Another F2 tornado touched down just northeast of Glenville hitting several farms as it tracked northeast. Several hog farms were destroyed. This tornado crossed Interstate 90 between mile markers 173 and 174 west of Austin, tracked just southeast of Oakland, MN and continued toward the community of Lansing before lifting about 4 miles north of Austin. The tornado hit numerous farms, outbuildings, power poles, and crossed fields that were still bare of crops. Hardest hit were several homes in the small community of Andyville north of Austin, just off of Highway 218. Roofs were torn off and trees sheared off. Also, in this family of tornadoes, F0 tornadoes touched down briefly between Rose Creek and Elkton (Mower County), and in a field 5 miles east of Stewartville (Olmsted County). ● In 1978, Jump River, WI (12), Mauston, WI (18), and Platteville, WI (26) recorded their coldest May temperature. ● In 1973, Lake City, MN (3.50") rain. ● In 1972, an F0 tornado touched down during the evening in Grant County, WI. ● In 1954, Galesville, WI (3.97"), Blair (3.48", wettest May day), La Crescent, MN (3.48", wettest May day), Hokah, MN (3.41"), Genoa (3.14"), and Caledonia, MN (3.00") rain. ● In 1950, Guttenberg, IA (28, coldest May temperature). ● In 1936, Winona, MN (3.83", wettest May day) rain. ● In 1930, an F3 tornado skipped from 2 miles south of Holmen, WI to Tomah, WI. Most of the damage was north of West Salem, WI and the west and north edges of Sparta, WI. Homes and barns were destroyed. Damage estimates were \$150,000. It also caused 15 injuries. In addition to this tornado, two F2 tornadoes occurred. The first F2 tornado moved east from southeast of Ettrick, WI to near Melrose, WI. Cottages and barns were leveled in the South Beaver Creek valley. Ten people were injured in one home. Estimated damage costs were \$50,000. The second F2 tornado moved through Westby, WI. Losses in the business district were about \$100,000 as 35 buildings were damaged or destroyed. A nine-year old boy was killed by a flying store front as he ran for home. Also, eleven people were injured. ● In 1911, La Crosse, WI (5.2") snow. Rain and sleet changed to snow around 4:45 AM and was heavy until about 9 AM, when it became light. Trees, wires, etc were heavily coated with snow and considerable damage resulted to shade trees. ● In 1887, a tornado occurred in Clark County, WI around 9 PM. |
| <p>May 2</p> | <ul style="list-style-type: none"> ● In 1993, Prairie du Chien, WI (3.00") rain. ● In 1959, Blair, WI (93) and Sparta, WI (92) had their warmest May temperature. ● In 1911, the low temperature at La Crosse, WI was 26. This, along with May 3, 1971 and May 6, 1989, are the coldest May temperatures at La Crosse. Mather, WI (16) also has its coldest May temperature. ● In 1908, Lancaster, WI (23, coldest May temperature). ● In 1901, Caledonia, MN (90, warmest May temperature). ● In 1895, a tornado caused 3 injuries in Humbird, WI (Clark County). |

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| <p>May 3</p> | <ul style="list-style-type: none"> ● In 1971, the low temperature at La Crosse, WI was 26. This along with May 2, 1911 and May 6, 1989 are the coldest May temperatures at La Crosse. ● In 1967, the following locations recorded their coldest May temperature: Mondovi, WI (20), Rochester (21), Austin, MN (22), Alma, WI (24), Waukon, IA (24). ● In 1959, Owen, WI (93, warmest May temperature). ● In 1949, Cresco, IA (91, warmest May temperature). ● In 1935, La Crosse, WI (6") and Viroqua, WI (6") snow. Rain changed to sleet during the evening of the 2nd and into snow during the morning hours of the 3rd. ● In 1902, Wabasha, MN (3.06") rain. |
| <p>May 4</p> | <ul style="list-style-type: none"> ● In 1976, Neillsville, WI (15, coldest May temperature). ● In 1964, baseball sized hail (2.75") fell in Crawford County WI. ● In 1964, an F2 tornado moved across Jackson County, WI from 2 miles southeast of Melrose to 7 miles south southeast of Black River Falls. It leveled barns and destroyed trailers. All the trees on one side of a hill were leveled. Another F2 tornado moved northeast from east of Rossville, IA to northeast of Lynxville, WI and eventually to 1 mile east of Rising Sun. Farm losses totaled \$100,000 as barns were destroyed northwest of Harpers Ferry, in Taylor Township. All 3 injuries occurred in Crawford County, WI. Yet another F2 tornado moved across Juneau County, WI from 2 miles south of Hustler to 4 miles northwest of New Lisbon. It unroofed one home and a dozen smaller buildings were damaged. Another F1 tornado occurred 3 miles west of Necedah, WI. ● In 1959, a weak F0 tornado touched down in Wabasha County, MN. ● In 1935, Richland Center, WI (21, coldest May temperature). ● In 1907, Fayette, IA (18), Charles City, IA (20), and Viroqua, WI (23) recorded their coldest May temperature. ● In 1902, Chester, IA (3.30") rain. ● In 1900, Medford, WI (16, coldest May temperature). |
| <p>May 5</p> | <ul style="list-style-type: none"> ● In 1965, an F4 tornado moved east-northeast from 2 miles north of Nora Springs, IA, passing 3 miles north of Cresco, IA and lifting near Yucatan, MN. About 28 farms lost buildings in Iowa. Six people were injured in Minnesota, as homes and barns were destroyed near Canton, Lenora, and Newburg (Fillmore County). Six people were injured in Floyd County, IA and 5 in Howard County, IA. Also, on this date, an F3 tornado moved east-northeast from northwest of Money Creek, crossing the Mississippi River near Dakota, MN, and passing between Mindoro and Stevenson, WI. Several barns and a brick school house were destroyed. A dozen Wisconsin farms lost buildings and 1 person (La Crosse County, WI) was injured when a car was thrown 75 feet. F2 tornadoes tore apart 2 farms south of Fremont, MN and damaged at least one barn on 20 farms from Le Roy, MN to Chatfield, MN. Finally, a weak F0 tornado touched down in Wabasha County, MN. ● In 1962, Oelwein, IA (3.10") rain. ● In 1959, an F2 tornado touched down briefly just north of Black River Falls, WI. It leveled a barn and destroyed a greenhouse. Another F1 tornado touched down near Mondovi, WI during the evening (7 PM). Neither tornado caused any injuries or deaths. ● In 1949, Oelwein, IA (92, warmest May temperature). ● In 1909, Rochester began the day with a morning low of 32. Later that afternoon, the temperature had rose 58 degrees to top out at 90. This stands as the greatest temperature difference ever recorded in Rochester. Wabasha, MN (44 to 92) also had their greatest temperature difference. ● In 1907, Blair, WI (17, coldest May temperature). |

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| May 6 | <ul style="list-style-type: none"> ● In 1989, the low temperature at La Crosse, WI was 26 degrees. This, along with May 2, 1911 and May 3, 1971, are the coldest May temperatures at La Crosse. Other coldest May temperatures on this date: Prairie du Chien, WI (22), Cresco, IA (23), Genoa, WI (27), Lynxville, WI (27). ● In 1962, Fayette, IA (4.41") rain. ● In 1960, Platteville, WI (3.00") rain. ● In 1936, Medford, WI (2.77", wettest May day) rain. |
| May 7 | <ul style="list-style-type: none"> ● In 1965, an F1 tornado touched down during the afternoon in Fayette County, IA. ● In 1964, F2 tornadoes occurred in both Juneau County, WI (1 mile north of Meadow Valley) and Fayette County, IA. The tornado in Juneau County caused one injury. ● In 1960, Cashton, WI (6") snow. |
| May 8 | <ul style="list-style-type: none"> ● In 2002, numerous severe thunderstorms dropped large hail and caused considerable wind damage over much of the region. The worst damage was in northeast Iowa where supercells dropped large hail and produced wind gusts up to 100 mph. A pole barn was destroyed near Protivin, IA and a brief F0 tornado caused damage near Waukon, IA. Heavy rains also caused flash flooding leading to extensive field erosion. ● In 1988, Grant County, WI was visited by 7 tornadoes causing \$500,000 in damages. Small tornadoes damaged some farm buildings and trees near Beetown, Union, Boscobel, and Rockville. A tornado path over 7 miles long between Stitzer and Montfort damaged mainly trees along with a few farm buildings. A tornado around Mount Ida damaged 2 homes, destroyed farm buildings, and uprooted trees. Another tornado with a 10 mile long track between Mount Hope and Fennimore, WI damaged 4 homes, downed 2 barns, and several farm buildings and trees. In addition to the tornadoes in Grant County, an F2 tornado mainly crossed rural areas of the Monroe County, WI (1 mile northeast of Cashton to 5 miles west of Warrens). Several farms and barns were destroyed or heavily damaged. Another F2 tornado touched down initially southwest of Richland Center, WI and then tracked to ½ mile east of Buck Creek before lifting just west of Cazenovia. Numerous barns, farm sheds, and trees were damaged in addition to 2 homes. There were also three F1 tornadoes reported in Juneau County. These tornadoes caused 2 injuries. ● In 1964, an F2 tornado moved north from 3 miles northwest of Lyndon Station, WI to 8 miles east of Adams, WI. It shifted a home off its foundation and destroyed it. Another home was unroofed. A trailer was destroyed and a barn was leveled. Trees were debarked. Also, an F2 tornado leveled barns as it tracked northeast from east of Readstown, WI to 2 miles south of Viola, to 3 miles northwest of Yuba, WI to west of Hillsboro. Two people were injured in Richland County. ● In 1960, Curtiss, WI (6") snow. ● In 1920, several barns were completely destroyed in Washington Township in Chickasaw County, IA by an F2 tornado. Damage totaled \$10,000. |
| May 9 | <ul style="list-style-type: none"> ● In 1966, Owen, WI (13, coldest May temperature). ● In 1945, Osage, IA (21, coldest May temperature). ● In 1918, an F4 tornado moved across Floyd, Chickasaw, and Winneshiek Counties in northeast Iowa from 2 miles north of Pearl Rock to Calmar. Two people died just east of Calmar, when the tornado was a mile wide. Losses in and near Calmar totaled \$250,000. Overall, this tornado killed 7 people and injured 15 others. An F3 tornado initially touched down a mile south of Pachard, IA (Butler County) then moved east northeast into Chickasaw County, IA and dissipated 3 miles east of Pearl Rock. A woman was killed there when a dozen homes were damaged. As many as 30 people hid in a single cellar. Overall, it killed one person, injured 5 others, and caused \$50,000 in property damage. |

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| <p>May 10</p> | <ul style="list-style-type: none"> ● In 2001, two funnel clouds were seen with a thunderstorm just northeast of Edgewood, IA. The northern funnel touched down (F0) sporadically for 1 mile. It did damage to trees and 3 outbuildings on two farms. ● In 1979, an F2 tornado occurred in Monroe County, WI. ● In 1966, the following locations recorded their coldest May temperatures: Necedah, WI (16), Preston, MN (18), Theilman, MN (18), Hillsboro, WI (19), Sparta, WI (21), Decorah, IA (22). ● In 1963, Charles City, IA (3.55", wettest May day) rain. ● In 1953, four F4 tornadoes and one F3 affected the area. One F4 tornado moved northeast from northeast of Fountain City, WI to Colburn, WI (Chippewa County). This tornado or tornado family struck about a hundred farms. Eight farms were hit in Glencoe Township, northeast of Fountain City. Total damage from this tornado was \$1 million and it caused 10 injuries. The second F4 tornado moved from 5 miles southwest of Chester, IA to 4 miles northeast of Chatfield, MN. Eleven farms were heavily damaged in northern Iowa before this tornado crossed into Fillmore County, MN. Twenty barns were damaged or destroyed in Minnesota and one man was killed as his barn was destroyed 1 mile southeast of Wykoff. A rural school was leveled 3 miles south of Chatfield as well. The only death occurred in Olmsted County. Six injuries occurred in Olmsted County and 2 injuries in Howard County, IA. The third F4 tornado moved northeast and passed about 2 miles northwest of St. Charles, MN. Farms were torn up all along the track. An infant was killed (Olmsted County) and 4 other people were injured in a car that was thrown 100 feet, about 1 ½ miles west of St. Charles, IA. Four more injuries occurred in a barn, and 3 more in another car. Hundreds of trees were snapped at Whitewater State Park. Overall this tornado killed one person (Olmsted County) and injured 11 people (6 in Olmsted County and 5 in Winona County). The final F4 tornado moved across Rusk, Price, and Taylor Counties in Wisconsin. This storm tracked north-northeast to 7 miles north of Phillips (Price County), but the damage path was not continuous. One farm house was leveled and pieces of it were found 7 miles away. The tornado was most intense in Price County where F4 damage was witnessed for 12 miles. The damage was estimated at \$150,000. An F3 tornado moved northeast across Clayton County, IA from 7 miles north northeast of Elkader to just northeast of Giard. Barns and silos were destroyed as the tornado struck 8 farms. At least 60 head of cattle were killed. A farmer was carried 700 feet, but suffered only minor injuries. Damage estimates were \$150,000. ● In 1918, Lansing, IA (3.29") rain. ● In 1905, Grand Meadow, MN (3.00") rain. |
| <p>May 11</p> | <ul style="list-style-type: none"> ● In 1967, New Hampton, IA (2.97", wettest May day) rain. ● In 1937, a barn and other farm buildings were destroyed by an F2 tornado near Rudd, IA. Damage estimated at \$10,000. |
| <p>May 12</p> | <ul style="list-style-type: none"> ● In 1888, a tornado occurred in Crawford County, WI around 5 PM. |
| <p>May 13</p> | <ul style="list-style-type: none"> ● In 1978, Lancaster, WI (3.00") rain. ● In 1942, an F3 tornado moved from 3 miles south of Black River Falls, WI to Loyal, WI. Most of the damage and the only death occurred in Jackson County as businesses and homes were destroyed along the east and southeast edge of Black River Falls. Other damage was sustained 1 mile north of Hatfield with a gap in damage around Neillsville. Total damage was \$100,000. ● In 1940, half dollar size hail (1.25") fell on the north side of La Crosse, WI during the evening (7:30 PM to 7:35 PM). The hail caused \$300 to \$400 damage to the glass at La Crosse Floral Company. |

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| May 14 | <ul style="list-style-type: none"> ● In 1961, an F2 tornado moved through the southeast part of La Crosse, WI during the afternoon. It wrecked several garages and sheds. Also, several trees were uprooted. ● In 1957, a weak F1 tornado touched down in Dodge County, MN. ● In 1905, Winona, MN (3.00") rain. |
| May 15 | <ul style="list-style-type: none"> ● In 1999, Elgin, MN (2.54", wettest May day) rain. ● In 1998, a weak F1 tornado formed very quickly 2 miles northwest of Eyota, MN, moved north along Highway 42, and damaged several farms and trees before lifting along the Olmsted-Wabasha County line just south of Elgin. In addition, F0 tornadoes touched down in both Buffalo and La Crosse Counties in Wisconsin. ● In 1985, Muscoda, WI (3.15") rain. ● In 1968, an F5 tornado moved through Butler, Chickasaw, Floyd, Franklin, and Howard Counties in northeast Iowa. The tornado moved northeast from north of Hansell, passing east of Aredale, west of Greene, east of Marble Rock, and devastated Charles City. The tornado grew larger and more intense as it approached Charles City. The huge funnel passed directly through town, destroying 337 homes, and causing about \$30 million in damage. The tornado continued to the northeast hitting Elma and caused another \$1.5 million in damage. From there the tornado turned to the north and dissipated south of Chester, 4 miles south of the Minnesota border. Nearly 2,000 homes were damaged or destroyed. All 13 deaths occurred in Floyd County. 450 injuries were reported in Floyd County and 12 injuries in Howard County. Another F5 tornado moved north-northeast from southwest of Oelwein to Maynard and east of Randalia in Fayette County, IA. Homes were leveled and swept away in both Oelwein and Maynard. The warning sirens sounded for only 15 seconds before power failed in Oelwein. Nearly 1,000 homes were damaged or destroyed along the path, and 34 people had to be hospitalized. Almost 1,000 families were affected. Damage was \$21 million. In addition to these F5 tornadoes, an F2 tornado touched down 6 miles south of Cresco, IA, two weak F1 tornadoes touched down in Dodge County, MN and F1 tornadoes occurred in Fillmore and Chickasaw Counties, MN. Also, baseball size hail (2.75") fell in Fayette County, IA. ● In 1909, Lancaster, WI (3.18", wettest May day) rain. |

May 16

- In 1999, record flooding began over northeast Iowa along the Turkey River and its tributaries. Over 5" of rain fell in many locations that Sunday, with over 8" in Oelwein. Major damage was done to the towns of Oelwein and Fayette where water inundated homes, business, and roadways. Boat rescues were needed. The worst of the damage occurred along the Volga River from Volga to Elkport, and on the Turkey from Elkader to near Osterdock. Roads were flooded, some bridges swept away, mudslides, and even entire towns were evacuated. At one point, the town of Fayette was under 10 feet of water. A record flood was recorded in Garber, IA due to these rains, with the crest eventually reaching 30.6 feet a couple days later. Oelwein (4.38", wettest May day) rain. In addition, lightning struck a home in Rochester, MN blowing a hole in the wall of the kitchen as well as blasting the bark off a tree in the backyard. The lightning also set off an explosion in a nearby sewer, which damaged three homes and caused a gasoline leak. Several neighborhoods were evacuated. Damage was estimated at \$25,000.
- In 1968, Blair (3.12"), Grand Meadow, MN (3.00"), and Decorah, IA (2.97", wettest May day) rain.
- In 1951, Jump River, WI (2.70", wettest May day) rain.
- In 1933, walnut size hail fell in La Crosse, WI between 2:25 PM and 2:29 PM. The hail depth on the ground was approximately an inch from the bluffs to southeast of the airport.
- In 1899, an F4 tornado moved east northeast from 3 miles northwest of Greeley in Delaware County, IA to northwest of Colesburg into Clayton County, IA. At least five farms were hit. The tornado narrowed to only 75 yards near Colesburg and swept away all buildings including homes on three of the farms. Two people were killed in one family and four others may have died later. Four men were caught in the one mile from Colesburg and two of them were killed as they looked for shelter. A tombstone of some kind was reportedly carried for two miles. This tornado killed 4 people (all in Clayton County) and injured 14 others.

May 17

- In 2000, Rochester (4.02", wettest May day) and Viroqua (3.97", wettest May day) rain.
 - In 1999, rain amounts on this day:
In IA: Fayette (6.20", wettest day on record), Elkader (4.50", wettest May day), West Union (3.88"), Guttenberg (3.30", wettest May day).
In MN: Strawberry Point (5.48", wettest day on record).
In WI: Cuba City (5.70", wettest day on record), Platteville (3.21", wettest May day).
 - In 1996, softball (4.5") size hail pummeled Charles City, IA. Property damage was estimated to be \$600,000, with an additional \$25,000 in crop damage.
 - In 1982, three F2 tornadoes and one F1 touched down on this date. The first occurred in Frankford Township, MN where it damaged two farm sites. It moved northeast and it was observed to the west of Spring Valley, MN and again while crossing Highway 16. The second one touched down near Chatfield, MN and moved northeast through sections of Winona and Wabasha Counties in southeast Minnesota before crossing into western Wisconsin. Eleven barns were destroyed, 12 homes were damaged, and three people were injured from flying glass. The people injured were in Buffalo County. The final F2 tornado moved from the south-southwest crossed the Mississippi River and climbed the bluff in Buffalo County between Alma and Buffalo, then continued north-northeast across County Road N through Herold. The tornado lifted at Herold, set down again briefly 2 miles to the northeast at the intersection of County Roads N and T, then disappeared. Eleven large barns were demolished along the tornado's path, and 12 houses sustained some damage. One house trailer was also overturned. Three minor injuries due to flying glass and debris resulted. In addition to these tornadoes, an F1 tornado touched down just southwest of Ettrick, WI. It destroyed 9 farm buildings including two large barns. Also, F0 tornadoes touched down just west of Mantorville, MN and northwest of Rochester, MN. An F1 tornado wrecked a 50x75 foot steel pole shed, a 12x14 foot cattle hutch, and sent a heavy timber from the pole shed through the roof of a hog farrowing house just south of Lime Springs, IA. A piece of wood from the wreckage was driven between the tire and rim of a tractor sitting north of the pole shed.
 - In 1936, an F2 tornado moved northeast from Elk Creek, WI to Hale, WI (Trempealeau County) hitting eight farms and completely destroying three barns. A second tornado may have touched down at Elk Creek at 5 AM. Damage estimates were \$30,000.
 - In 1902, Fayette, IA (5.00") rain.
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| <p>May 18</p> | <ul style="list-style-type: none"> ● In 2000, rain amounts on this day: In IA: Lansing (4.18"). In MN: Lanesboro (5.01", wettest May day), Grand Meadow (4.70", wettest May day), Preston (4.70"), Hokah (4.33", wettest May day), Rushford (4.22", wettest May day), Caledonia (3.96", wettest May day), Harmony (3.73", wettest May day), Spring Valley (3.55"), La Crescent (3.20"). In WI: La Farge (4.54", wettest May day), Readstown (4.46", wettest May day), Westby (3.98", wettest May day), Genoa (3.96", wettest May day), Mauston (3.86", wettest May day), Trempealeau (3.75", wettest May day), Muscoda (3.70", wettest May day), Richland Center (3.68", wettest May day), Hillsboro (3.33", wettest May day), Sparta (3.16", wettest May day), Steuben (3.07", wettest May day), Ontario (3.05", wettest May day). ● In 1996, thunderstorms dropped 2.75" hail in the town of Eitzen, MN and portions of northeast Iowa. Property damage was estimated at \$1 million with \$500,000 in crop damage. Two injuries were also reported. ● In 1979, a weak F1 tornado touched during the afternoon in Adams County, WI. ● In 1972, Mauston, WI (94, warmest May temperature). ● In 1971, a weak F1 tornado touched during the afternoon in Adams County, WI. This tornado caused 5 injuries. Later that evening, two F1 tornadoes touched down 7 miles southwest of Lancaster and 5 miles west of Hazel Green in Grant County, WI. Neither of these tornadoes caused any injuries or deaths. ● In 1967, a weak F1 tornado moved southeast between Gays Mills and Mount Sterling in Crawford County, WI. It caused no injuries or deaths. Also on this date, Osage, IA had a high temperature of 95 (warmest May temperature). ● In 1918, Mauston, WI (3.35") rain. ● In 1902, Postville, IA (5.45") and Elkader, IA (3.10") rain. ● In 1898, an F3 tornado moved northeast from 7 miles west of Osseo, WI to 2 miles north of Augusta, WI. About 10 farm houses were destroyed. Several of them were leveled to the ground. A child was killed in one of them near the touchdown point. A feather bed was carried 2 miles. This tornado caused an estimated \$75,000 damage. |
| <p>May 19</p> | <ul style="list-style-type: none"> ● In 1996, wind gusts over 90 mph were reported in Byron, MN creating an estimated \$900,000 in property damage. The thunderstorms rolled from southeast Minnesota to across western Wisconsin, with gusts around 90 mph in the communities of Alma and Nelson in Buffalo County, WI. There were 2 injuries reported due to these thunderstorms winds, with estimated damage costs of \$85,000. These storms produced an additional \$500,000 in damage in Clark County and \$100,000 in Taylor County, WI. ● In 1971, Hillsboro, WI (3.14") and Lynxville, WI (2.87", wettest May day) rain. ● In 1966, Caledonia, MN (19, coldest May temperature). ● In 1959, a barn and a few sheds were leveled by an F2 tornado as it moved east across Grant County, WI from 6 miles south of Bloomington to 5 miles west of Lancaster. Also on this date, baseball sized hail (2.75") was reported in Floyd County, IA. ● In 1918, Viroqua, WI (3.04") rain. ● In 1912, La Crosse, WI (3.06", wettest May day) rain. |

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| May 20 | <ul style="list-style-type: none"> ● In 1989, Waukon, IA (89, warmest May temperature). ● In 1953, an F3 tornado moved north northeast across Chickasaw and Floyd Counties in northeast Iowa, from 3 miles east of Bassett to 4 miles southwest of Lime Springs. Although barns were destroyed near Bassett, the worst damage was done near the end of the path in Howard County. An F2 tornado moved from 4 miles west of Allison, IA to Charles City, IA. Only a rope-stage funnel was seen in Charles City with trees downed. More damage occurred in Butler County. ● In 1948, Decorah, IA (93, warmest May temperature). ● In 1912, Mauston, WI (3.20") and Rochester, MN (2.97") rain. ● In 1902, West Union, IA (3.00") rain. |
| May 21 | <ul style="list-style-type: none"> ● In 1970, Jump River, WI (91, warmest May temperature). ● In 1963, Dodge, WI (21, coldest May temperature). ● In 1918, an F4 tornado touched down 4 miles southwest of Elkport, IA and then moved east northeast across Grant and Richland Counties in southwest WI, finally dissipating 4 miles southwest of Baraboo, WI. This was a distance of 80 miles. This tornado was one of the largest tornadoes during an outbreak of 19 tornadoes in Iowa. After causing extensive damage in Guttenberg, IA, the tornado crossed the Mississippi River 1 mile south of Glen Haven. Farms were lightly damaged in Grant County as the tornado probably lifted and re-formed. The tornado then hit Lone Rock destroying much of the town and killing 4 people there. Four more people were killed on three separate farms before the event dissipated to a downburst in the Baraboo area. Overall, the tornado caused 8 deaths, 100 injuries, and \$650,000 in damage. In addition, an F2 tornado destroyed two barns as it moved northeast across Clayton County, IA from 2 miles northeast of Elkport to 2 miles southeast of Garnavillo. ● In 1908, Osage, IA (4.40") rain. ● In 1902, rain amounts on this day: Postville, IA (3.42"), Caledonia, MN (3.38"), Decorah, IA (3.35"), Lansing, IA (3.25"), Prairie du Chien, WI (3.21", wettest May day), Viroqua, WI (3.01"). |
| May 22 | <ul style="list-style-type: none"> ● In 1975, Necedah, WI (93, warmest May temperature). ● In 1972, Lynxville, WI (92, warmest May temperature). ● In 1970, Goodrich, WI (2.60", wettest May day) rain. ● In 1962, an F0 and F2 tornado touched down in Olmsted County, MN. ● In 1925, Hatfield, WI (96, warmest May temperature). ● In 1920, an F2 tornado moving northeast across Howard County, IA destroyed 4 barns in the northwest corner of New Oregon Township. Damage estimates were \$10,000. ● In 1902, Cresco, IA (2.70", wettest May day) rain. |
| May 23 | <ul style="list-style-type: none"> ● In 1981, an F2 tornado destroyed a trailer, three barns, three machine sheds, and a garage about 4 ½ miles south of St. Ansgar, IA. ● In 1975, thunderstorm wind gusts nearing 100 mph (98 mph) blew through Olmsted County, MN during the morning. Mondovi, WI (3.16", wettest May day) rain. ● In 1964, 83 mph thunderstorm wind gusts were reported in Olmsted County, MN and F2 tornadoes occurred in Clark, Trempealeau, and Jackson Counties in Wisconsin. An F1 tornado touched down in Buffalo County, WI. ● In 1954, an F2 tornado touched down during the evening in Mitchell County, IA. ● In 1933, a family of two or three small tornadoes moved northeast from the southeast corner of Houston County, MN, passing 3 miles south of Coon Valley, WI, through southeast La Crosse County, WI, and dissipated near Sparta. Two tornadoes may have actually crossed the Mississippi River. A dozen barns and farm houses were unroofed, mostly near Coon Valley. |

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| May 24 | <ul style="list-style-type: none"> ● In 1989, an F0 tornado downed 50 to 75 trees and damaged a few cottages and mobile homes near the Castle Rock Flowage, WI. Earlier in the afternoon, baseball sized hail (2.75") fell across Mower County, MN. During the evening, an F1 tornado did little damage as it moved northeast across Chickasaw and Winneshiek Counties in northeast Iowa from 3 miles east of Lawler to Jackson Junction. Also, a farmstead was damaged 3 miles northwest of St. Olaf, IA. ● In 1963, Trempealeau, WI (24, coldest May temperature). ● In 1914, Decorah, IA (3.28") and Lansing, IA (3.09") rain. ● In 1896, Postville, IA (3.20") and Prairie du Chien, WI (3.08") rain. ● In 1874, about 3 PM a thunderstorm was noticed to the north and west of La Crosse, WI moving rapidly south. This storm produced 0.81" of rain in 35 minutes and hail from the size of peas to 1.75" in diameter. |
| May 25 | <ul style="list-style-type: none"> ● In 1994, an F1 tornado tracked east southeast over mainly open country in Clayton County, IA causing minimal damage from 4 miles north of Garber to a half mile northwest of Osterdock. ● In 1989, rain amounts in Wisconsin on this day: Galesville (4.19", wettest May day), Mauston (3.45"), Necedah (3.27", wettest May day), Trempealeau (3.01"). ● In 1964, 80 mph thunderstorm winds gusts and an F0 tornado occurred in Olmsted County, MN. ● In 1957, an F2 tornado moved across Grant County, WI between Bloomington and Fennimore. It caused no injuries or deaths. Another tornado moved across Chickasaw County, IA. It also caused no injuries or deaths and was ranked an F0. ● In 1945, Mather, WI (3.30", wettest May day) rain. ● In 1918, Hatfield, WI (4.10", wettest May day) rain. |
| May 26 | <ul style="list-style-type: none"> ● In 2002, a brief F0 tornado touched down in an open field just west of Arcadia, WI (Trempealeau County), but did no damage. Straight-line winds estimated at around 70 mph destroyed a garage in Arcadia, throwing debris into homes and cars directly across the street. A parade in town had just ended when the storm hit, but there were no injuries reported. ● In 1978, Grand Meadow, MN (3.48") rain. Also, Preston, MN (91) and Dodge, WI (95) had their warmest May temperature. ● In 1967, both Hillsboro, WI and Trempealeau, WI had a high temperature of 92. This is the warmest May temperature at both locations. ● In 1965, La Crosse, WI (2.10") rain. ● In 1959, an F2 tornado skipped north-northeast from 1 mile east of Trempealeau, WI, through western Jackson County, to 4 miles northeast of Fairchild, WI (southwest Clark County). A café was destroyed in Clark County. Trees and sheds were downed. Two injuries occurred in Clark County. ● In 1903, West Union, IA (4.06") and Postville, IA (3.16") rain. |
| May 27 | <ul style="list-style-type: none"> ● In 1991, baseball sized hail (2.75") fell in Olmsted County, MN. ● In 1978, Theilman, MN (94, warmest May temperature). ● In 1971, the latest occurrence of freezing temperatures in La Crosse, WI. ● In 1970, Rochester, MN (2.08") rain. ● In 1969, Alma, WI (92, warmest May temperature). ● In 1956, La Crosse, WI (2.36") rain. ● In 1941, Postville, IA (3.28") rain. ● In 1938, Osage, IA (4.85") rain. ● In 1903, Charles City, IA (3.24") rain. ● In 1900, Elkader, IA (94, warmest May temperature). |

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| <p>May 28</p> | <ul style="list-style-type: none"> ● In 1998, Guttenberg, IA (95, warmest May temperature). ● In 1995, Elkader, IA (3.14") rain. ● In 1988, Austin, MN (94, warmest May temperature). ● In 1970, rainfall (continuing from the 27th) caused flooding across parts of Wabasha County, MN. Flooding was worst in the Trout Brook/Zumbro River basin. Several cars were washed from roads drowning three persons. The Zumbro River at Zumbro Falls rose 11 feet in one hour and crested 3.4 feet above flood stage. Rain amounts on this day: Wabasha, MN (6.15") and Lake City, MN (5.60") had their wettest day on record. Alma, WI (3.35", wettest May day) rain. ● In 1959, an F0 tornado touched down in the morning in Mower County, MN. ● In 1947, a very late season snow storm moved through Iowa, southern Minnesota, and Wisconsin from the afternoon into the early morning hours of the 29th. The heavy wet snow caused extensive damage to trees and power lines in Allamakee County, IA and Adams, Crawford, Juneau, Richland, and Vernon Counties, WI. In addition, this was the latest snow for southeast Minnesota, northeast Iowa, and southwest and central Wisconsin. Gays Mills, WI (10"), Viroqua, WI (9"), and Waukon, IA (7.5") snow. ● In 1936, Mather, WI (98, warmest May temperature). ● In 1899, West Union, IA (3.00") rain. |
| <p>May 29</p> | <ul style="list-style-type: none"> ● In 1981, Theilman, MN (2.50", wettest May day) rain. ● In 1980, an F1 tornado touched down during the evening in Mower County, MN and an F0 tornado occurred in Howard County, IA. ● In 1978, an F1 tornado occurred during the afternoon in Houston County, MN. Minnesota City, MN (4.20", wettest May day) rain. ● In 1962, Platteville, WI (3.18") rain. ● In 1955, Mondovi, WI (3.07", wettest May day) rain. ● In 1943, Mather, WI (3.14") rain. ● In 1942, Winona, MN (3.11") rain. |

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| <p>May 30</p> | <ul style="list-style-type: none"> ● In 2000, a lightning strike knocked out telephone service to the entire city of La Crescent, MN for over 12 hours. Lightning also struck a house, burning a hole in the roof, but no one was injured. Damage was estimated at \$30,000. ● In 1994, baseball size hail (2.75") was reported in Salem Corners, MN. ● In 1991, a small F0 tornado caused minor tree damage to a golf course just west of Whitehall, WI. Fayette, IA (3.35") rain. ● In 1989, Necedah, WI (3.18"), Mather, WI (3.05"), Owen, WI (2.60", wettest May day) rain. ● In 1985, an F3 tornado touched down west of Elkader, IA and tracked east northeast at about 45 mph. While the tornado did miss the town of Elkader, it did hit the County Care Facility and killed two residents. More than 20 farmsteads were also struck, with significant damage to dwellings, farm buildings, machinery, livestock, and crops. Total damage in Clayton County, IA alone was estimated at \$9 million, including \$1.5 million at the care facility alone. The tornado crossed the Mississippi River near Bagley, WI. There were 25 injuries in Clayton County and 2 injuries in Grant County, WI. An F2 tornado caused over \$100,000 worth of damage to area farms north of Livingston, WI. Also on this date, baseball sized hail (2.75") fell in Floyd County, IA. ● In 1980, Preston, MN (5.63", wettest May day), Grand Meadow, MN (3.90"), Austin, MN (3.50"), and Dodge, WI (2.84", wettest May day) rain. ● In 1979, Ontario, WI (4.10") rain. ● In 1953, Platteville, WI (93) and Genoa, WI (90) had their warmest May temperature. ● In 1942, Alma, WI (3.29") rain. ● In 1941, Decorah, IA (7.70") and Waukon, IA (5.98") had their wettest day on record. |
| <p>May 31</p> | <ul style="list-style-type: none"> ● In 2000, Waukon, IA (4.10"), Viroqua, WI (4.00"), Lansing, IA (3.87"), and Oelwein, IA (3.11") rain. ● In 1980, Lanesboro, MN (3.42") rain. ● In 1969, a weak F0 tornado touched down in Dodge County, MN. An F1 tornado traveling northeast touched down at several places from near Bagley, WI on the Mississippi River to Mount Hope, WI. Neither tornado caused any injuries or deaths. ● In 1934, La Crosse, WI (107) and Rochester, MN (106) had their warmest May temperature. Other record May temperatures for this day: In IA: Fayette (109), New Hampton (105), Charles City (104). In MN: Grand Meadow (107, also warmest day on record), Winona (107). In WI: Prairie du Chien (109, also warmest May temperature in Wisconsin), Mondovi (108), Viroqua (106), Neillsville (105), Lancaster (104), Richland Center (103), Medford (101). |

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| <p>June 1</p> | <ul style="list-style-type: none"> ● In 2000, an F1 tornado touched down near Cataract, WI. It sheared off trees, demolished barns and sheds, caused light structural damage to a house, and tossed farm equipment and debris about 600 to 700 yards. It crossed Highway 27 moving west to east. Another F1 tornado moved across Juneau County, WI from 2 miles north of New Lisbon to 4 miles north of Mauston. The damage consisted of sheared or blown down trees, demolished barns and sheds, damaged garages, and light structural damage to homes. Hardest hit were homes and farms along 8th Avenue north of New Lisbon, along Meredith Road north of Mauston, and along Highway 58 north of Mauston. Besides the tornadoes, softball size hail (4") fell in Oakdale, WI. Property damage was estimated to be \$250,000 with an additional \$50,000 in crop damage. Wind gusts of 100 mph were reported (Camp Douglas, WI) as this same storm tracked into Adams County. Property and crop damage were estimated to be around \$300,000 in Adams County. Rain amounts on this day: In IA: Cresco (4.12"), Decorah (4.66"), Dorchester (5.13", wettest day on record), Waukon (4.10", wettest June day). In MN: Harmony (5.71", wettest day on record), Rochester (4.81", wettest June day), Preston (4.23", wettest June day), Lanesboro (3.04"). In WI: Platteville (5.98", wettest day on record), Readstown (5.33"), Genoa (4.90", wettest June day), Steuben (4.88", wettest June day), Lynxville (4.60", wettest June day), Muscoda (4.10", wettest June day), Richland Center (3.94"), Necedah (3.75"), Mondovi (3.60"), Cuba City (3.51", wettest June day), Lancaster (3.4"). ● In 1993, Decorah, IA (33, coldest June temperature). ● In 1964, Dodge, WI (25), Necedah, WI (28), Hillsboro, WI (32), and Sparta (32) recorded their coldest June temperature. ● In 1958, Curtiss, WI (3.47") rain. ● In 1945, Hillsboro, WI (3.30") rain. ● In 1934, Mather, WI (105), Hatfield, WI (103) and Mondovi, WI (102) had their warmest June temperature. ● In 1916, Decorah, IA (3.50") rain. ● In 1903, Fayette, IA (30, coldest June temperature). ● In 1897, Medford, WI (25), Viroqua, WI (30), Cresco, IA (31), and Lancaster, WI (35) had their coldest June temperature. |
| <p>June 2</p> | <ul style="list-style-type: none"> ● In 2000, Neillsville, WI (3.10") rain. ● In 1973, an F1 tornado touched down in Trempealeau County, WI. ● In 1943, Lancaster, WI (3.65") rain. ● In 1925, an F2 tornado moved through Clark County, WI from Humbird to a mile north of Loyal. It destroyed barns and other buildings on 11 farms, totaling \$30,000 in damage. ● In 1916, Prairie du Chien, WI (4.10") and Mauston, WI (3.01") rain. ● In 1902, Elkader, IA (4.10") rain. ● In 1896, Prairie du Chien, WI (35, coldest June temperature). |
| <p>June 3</p> | <ul style="list-style-type: none"> ● In 1985, Platteville, WI (36, coldest June temperature). ● In 1974, an F1 tornado touched down during the late afternoon in Mitchell County, IA. ● In 1946, New Hampton, IA (34, coldest June temperature). |

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| <p>June 4</p> | <ul style="list-style-type: none"> ● In 2002, rainfall amounts of 3.5-5" produced flash flooding in and near the town of Cassville, WI. Furnace Creek, which flows into the northwest part of town, was choked with so much debris that the flow of the water was diverted into nearby homes and a park. Twenty-five homes had to be evacuated with 8 homes receiving significant damage. One home was destroyed when the basement collapsed. Local residents also reported cars floating in water 2 to 3 feet deep. ● In 1998, Neillsville, WI (22, coldest June temperature). ● In 1987, Preston, MN (31, coldest June temperature). ● In 1973, a new home in Ossian, IA had part of its roof blown off by an F2 tornado. ● In 1969, barns and other buildings were destroyed or damaged on 20 farms from Union to Belmont (Grant County, WI) by an F2 tornado. Only the shell of one house remained. Another F2 tornado moved south southeast across Grant and Lafayette Counties in southwest Wisconsin from 4 miles north of Cassville to 5 miles east northeast of Cassville. Over 30 head of cattle were killed when a barn collapsed. Buildings on three farms were destroyed. ● In 1966, La Crosse, WI (2.09") rain. ● In 1959, Grand Meadow, MN (3.13") rain. ● In 1958, an F4 tornado moved from 2 miles southeast of Cadott, WI to Curtiss, WI. Four deaths occurred in farm houses south of Boyd and Stanley (Chippewa County). Rochester, MN (4.02") and Grand Meadow, MN (3.95") rain. ● In 1945, La Crosse, WI (32) and Waukon, IA (32) had their latest spring freeze and their coldest June temperature. Mondovi, WI (29) and Richland Center, WI (31) also recorded their coldest June temperature. ● In 1925, Neillsville, WI (3.29") rain. ● In 1914, Medford, WI (5.93") rain. ● In 1890, an F3 tornado moved northeast from 6 miles south southwest of Chester, IA destroying a home and a school 3 miles south of Chester. A teacher and 10 students were injured at the school and one student lingered near death for days. Hogs were carried for up to 2 miles. Bedding from one home was found in trees about 2 miles from its foundation. |
| <p>June 5</p> | <ul style="list-style-type: none"> ● In 1997, spotters reported a weak F0 tornado touching down in an open field just northwest of Utica, MN. ● In 1980, an F3 tornado moved southeast from near Stoddard to Chaseburg, Viroqua, and Readstown in Vernon County, WI. Eight residences, 30 barns, and 200 other rural structures were damaged or destroyed by the tornado and its accompanying downburst winds. An injury occurred when a trailer was destroyed. An F2 tornado touched down 2 miles southeast of Lewiston, MN. It destroyed all the barns and outbuildings on a farm. Witnesses reported three funnels. Another F2 tornado moved from 2 miles south of St. Joseph, WI to a mile west of Coon Valley, WI (Vernon County). This tornado damaged several barns and four homes. One home was unroofed. One barn was destroyed and nine cattle were killed. Also on this date, additional weak tornadoes touched down in Olmsted County, MN (F1) and in Dodge County, MN (F0). ● In 1958, Owen, WI (3.16") rain. ● In 1951, Oelwein, IA (36, coldest June temperature). ● In 1905, Medford, WI (8.00", wettest day on record) rain. ● In 1892, Grand Meadow, MN (5.00", wettest June day) rain. |

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| <p>June 6</p> | <ul style="list-style-type: none"> ● In 1980, Curtiss, WI (3.96", wettest June day), Owen, WI (3.80", wettest June day), and Medford, WI (3.63") rain. ● In 1915, Medford, WI (3.08") rain. ● In 1914, Grand Meadow, MN (4.43") and Winona (4.42", wettest day on record) rain. ● In 1906, an F4 tornado moved east-northeast from 3 miles southwest of Caledonia, MN, crossing the Mississippi River about 12 miles south of La Crosse, WI, and dissipated 10 miles northeast of Coon Valley, WI. A mother and two children were killed as their farm near Freeburg, MN was leveled. One child was carried about half a mile. Fifteen people were injured in rural Minnesota homes. Fourteen homes were damaged or destroyed in Wisconsin, with 1 death occurring 2 miles east of Stoddard. An F3 tornado moved east-northeast out of Winneshiek County, IA destroying a large brick home southeast of Newhouse, MN just inside the Minnesota border. Clothes from the home were found over three miles away. One boy was severely injured, and may have died later. He had been closing windows on the second floor when the tornado struck. Also, on this date, an F2 tornado touched down just southeast of Sparta, WI and it moved north-northeast to near the Jackson County, WI border. The worse damage was east of Angelo, where "trees and barns were torn to shreds". About a dozen farms were damaged. ● In 1902, Elkader, IA (4.10", wettest June day) rain. |
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June 7

- Based strictly on climatology, rain has fallen in La Crosse, WI on this day more often than any other, around 50% of the time.
 - In 1984, an F2 tornado struck in the southern outskirts of Austin, MN knocking down trees and farm buildings before moving northeast. The heaviest damage occurred at a bowling alley in southeast Austin off Highway 218. The roof on the east side of the building and one wall were blown off. Debris was blown inside the building as well as across the street. Three cars in the parking lot were tossed about and a truck driver broke a collarbone when his truck was blown off Highway 218. The tornado also destroyed a home and TV repair shop across the street from the bowling alley before crossing an open field. The tornado went on to cause damage to the Austin Country Club and flipped over a mobile home east of Austin before dissipating. Seven people were injured. Another F2 tornado touched down in Chippewa County, WI and moved east-northeast to Withee Township in Clark County, WI. On one farm, two barns and machine sheds were flattened, along with a silo snapped in half. The tornado destroyed two other barns and sheds along the way. Some house damage was also reported. Several large trees were snapped or uprooted, including 13 in one yard. Also on this date, an F1 tornado touched down at a farm site 3 miles east of Douglas, MN and moved north. The tornado ripped one barn apart and scattered debris for 300 yards. A second barn was lifted from its foundation and destroyed. Trees were uprooted at the farm site and debris was found twisted.
 - In 1971, weak tornadoes touched down in Wabasha County, MN (F0) and between Bagley and Wyalusing, WI (F1) in Grant County. Neither tornado caused any injuries or deaths.
 - In 1970, two F0 tornadoes were reported in Olmsted County, MN.
 - In 1967, an F0 tornado touched down briefly near Bloomington, WI during the evening. It caused no injuries or deaths.
 - In 1912, Mauston, WI (30, coldest June temperature).
 - In 1908, an F3 tornado touched down in Hillsboro, WI and then moved northeast to just southeast of Mauston, WI. About 4 miles south of Mauston, the tornado killed a farmer and his son as they ran for their storm cellar. Another F3 tornado tracked northeast from 9 miles northwest of Charles City, IA to 2 miles northeast of Charles City. It left only the floor boards on a small farm house about 5 miles northwest of Charles City. In the east part of Charles City, 5 homes were destroyed and 20 others were severely damaged. A man was killed by a falling chimney and ten others were injured. About 200 buildings were damaged.
 - In 1899, an F3 tornado moved north northeast from 2 miles northwest of Lewiston, MN, crossing the Mississippi River 6 miles northwest of Winona, and cutting a path through the Waumandee Valley in Wisconsin. There was little damage in Minnesota, but homes and barns were swept away in Wisconsin, and all 5 injuries occurred there. Over 50 hogs were killed on Wisconsin farm.
 - In 1885, a tornado occurred in Vernon County, WI around 1 PM.
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| <p>June 8</p> | <ul style="list-style-type: none"> ● In 1993, an F2 tornado struck four farmsteads, damaging one severely, just southeast of Osage, IA. Several small outbuildings and barns were damaged, but the farm houses were spared. Two F0 tornadoes touched down in Olmsted County, MN in Dover and Pleasant Grove, three F0 tornadoes in Mower County, MN in Dexter and just south of Leroy and Grand Meadow, and an F0 tornado touched down ten miles south of Spring Valley. On this same date, eighteen other tornadoes touched down in Wisconsin. Prairie du Chien, WI (3.22") rain. ● In 1985, Osage, IA (101, warmest June temperature). ● In 1984, Osage, IA (3.39") and Harmony, MN (3.30") rain. ● In 1967, wind gusts of 80 mph or greater were produced by thunderstorms moving across La Crosse County, WI. A small F1 tornado traveled east for about 8 miles starting 1½ miles east of Mt. Tabor, WI to Union Center, WI. It caused no injuries or deaths. ● In 1963, wind gusts topped 100 mph in Winona County, MN and 80 mph in La Crosse County, WI. ● In 1934, Rochester, MN (2.20") rain. ● In 1933, 1" diameter hail fell in La Crosse, WI. The hail caused \$200 in damage to greenhouse windows. ● In 1901, Grand Meadow, MN (32, latest spring freeze) and Osage, IA (34) recorded their coldest June temperature. |
| <p>June 9</p> | <ul style="list-style-type: none"> ● In 1985, Preston, MN (100) and Caledonia, MN (97) recorded their warmest June temperature. ● In 1974, F1 tornadoes occurred in Olmsted (MN) and Adams (WI) Counties. Charles City, IA (3.42") and New Hampton, IA (3.06") rain. ● In 1967, Harmony, MN (4.00"), Readstown, WI (3.74"), and Hillsboro, WI (3.27") rain. ● In 1963, Oelwein, IA (3.52") rain. ● In 1937, Rochester, MN (31, latest spring freeze) and Winona, MN (35) recorded their coldest June temperature. ● In 1901, Charles City, IA (34, coldest June temperature). |
| <p>June 10</p> | <ul style="list-style-type: none"> ● In 1972, Jump River, WI (23), Blair, WI (28), Owen, WI (28), Alma, WI (38), Genoa, WI (38), Trempealeau, WI (38), Lynxville, WI (40) all had their coldest June temperature. ● In 1968, baseball sized hail (2.75") struck Trempealeau County, WI. ● In 1961, a weak F1 tornado touched down in Dodge County, MN. ● In 1960, an F1 tornado occurred during the evening in Houston County, MN. ● In 1946, Hatfield, WI (3.88") rain. ● In 1922, Neillsville, WI (4.05") rain. ● In 1913, Mather, WI (30, coldest June temperature). ● In 1900, Charles City, IA (3.40") and New Hampton, IA (3.00") rain. ● In 1897, an F4 tornado moved slowly east northeast from 5 miles west of Lyle, MN to 1 mile north of Lyle. At least 20 farms that were hit had every building swept away. Seven farm homes were destroyed. The only confirmed death was a man in a barn 3 miles west of Lyle. The family was building a new home and they were eating supper in the barn. Much of the track was 1 mile north of the Iowa border. Two other people may have died. This tornado also caused 22 injuries. The tornado caused an estimated \$30,000 damage. |

June 11

- In 2004, six tornadoes occurred in southeast Minnesota and northeast Iowa during the late afternoon and early evening. The most significant of these tornadoes was an F3 tornado which touched down 2 miles north of Riceville, IA (Howard County) and then moved north 12 miles. This tornado dissipated 2 miles northwest of Le Roy, MN (Mower County) and destroyed a home (built in 1900) and several buildings on the Minnesota/Iowa state line. It also heavily damaged Koch Industries Grain Company about 2 miles west of Le Roy.
 - In 2001, 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, WI (Buffalo County), but only some crop damage was reported. Hail (2.5") fell at the La Crosse National Weather Service Office. Thunderstorm winds at an estimated at 70 mph heavily damaged four homes in the Pigeon Falls area (Trempealeau County), and also knocked down several barns. The Hixton area (Jackson County) was also hard hit with power lines being blown down. This closed Interstate 94 for an hour and a half.
 - In 1999, Marble Rock, IA (4.02", wettest June day) rain.
 - In 1966, an F2 tornado occurred during the evening in Mitchell County, IA.
 - In 1956, Alma, WI (101, warmest temperature on record).
 - In 1942, Richland Center, WI (3.11") rain.
 - In 1941, Elkader, IA (3.20") rain.
 - In 1929, Rochester, MN (3.67") rain.
 - In 1925, an F2 tornado skipped northeast across Floyd County, IA from 2 miles south of Marble Rock through Carrville (where homes were unroofed). Total damage estimates totaled \$10,000. At the same time, another F2 tornado developed in a meeting place known as "Farmers Grove", IA (Butler County) and moved north to 5 miles northwest of Greene, IA. Trees were mowed down near Farmers Grove and all barns were destroyed on one farm about 5 miles northwest of Greene. Charles City, IA (3.66") rain.
 - In 1899, St. Charles, MN (5.30") rain.
 - In 1883, an F3 tornado moved northeast passing across the southern part of Elkport, IA. Fifteen farms lost barns or other buildings in rural areas. Three homes were destroyed and others unroofed in town. The tornado caused an estimated \$85,000 worth of damage and injured 8 people.
 - In 1880, an F2 tornado destroyed barns on 2 farms and one person may have died near Browndale, MN. Also on this date, a tornado occurred in Monroe County, WI.
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June 12

- In 2001, Mauston, WI (3.52") and Blair, WI (3.12") rain.
- In 1994, an F1 tornado moved east across Grant County, WI from just northeast of Patch Grove to just south of Mt. Hope. It ripped a roof from a large hay barn, threw over a grain elevator, damaged several homes and leveled numerous trees and power lines.
- In 1990, an F1 tornado moved east across Winneshiek County, IA from 2 miles southeast of Ossian to 2 miles northwest of Castalia. It moved a mobile home off of its foundation. An F1 tornado caused major damage to two farmsteads near El Dorado, IA. In addition to these two tornadoes, F0 tornadoes touched down in Fort Atkinson, IA and 3 miles west of West Union, IA.
- In 1976, Grant County, WI reported baseball sized hail (2.75") and an F1 tornado touched down in Mower County, MN.
- In 1950, Dorchester, IA (3.20") rain.
- In 1947, Charles City, IA (3.72", wettest June day) rain.
- In 1943, Austin, MN (3.06") rain.
- In 1925, Osage, IA (4.43"), Mather, WI (3.76"), and Mondovi, WI (3.10") rain.
- In 1915, an F4 tornado moved northeast from northwest of Waterville, IA crossing the Mississippi River 2 miles south of Ferryville, WI. The last damage ended near Soldiers Grove. A man and his daughter were killed in one of three homes that were obliterated southwest of "Heytman", a small railroad station on the Mississippi River. Sixty buildings and 8 homes were destroyed in Wisconsin. This tornado caused approximately \$200,000 in damage. In addition to this tornado, an F2 tornado moved northeast across Fayette and Clayton Counties in northeast Iowa from 3 miles south of West Union to 2 miles south of Postville. One farm was "devastated", the house and barn leveled. Heavy machinery was thrown 300 yards. Clothing was carried two miles. A man was injured in a barn near the end of the path.
- In 1899, Minnesota City, MN (8.00") and La Crosse (3.01") rain.

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| <p>June 13</p> | <ul style="list-style-type: none"> ● In 2001, Dodge Center, MN (3.43", wettest June day) rain. ● In 2000, an outbuilding was destroyed and several trees were uprooted by an F0 tornado near Fredricksburg, IA. Osage, IA (3.20") and Rochester, MN (2.90") rain. ● In 1990, an F2 tornado damaged farm buildings as it moved east northeast across Clayton County, IA from Elkader to just northwest of Garnavillo. Rain amounts ranged from: Wabasha, MN (4.12"), Mondovi, WI (3.74"), Alma, WI (3.73", wettest June day), Blair, WI (3.45"). ● In 1972, an F1 tornado occurred during the evening in Richland County, WI. ● In 1950, rain amounts on this day: In MN: Theilman (5.10", wettest June day), Elgin (4.90", wettest June day), Rushford (4.50", wettest June day), Lake City (4.25"), Caledonia (3.97", wettest June day), Zumbro Falls (3.71"). In WI: Trempealeau (3.35"), Hatfield (3.09"). ● In 1947, rain amounts on this day: In IA: Decorah (3.90"), Guttenberg (3.60"), New Hampton (3.52"), Lansing (3.43"). In WI: Lancaster (4.10", wettest June day), Muscoda (3.63"), Prairie du Chien (3.52"), Richland Center (3.40"), Viroqua (3.11"), Genoa (3.09"). ● In 1930, a very large tornado (F4) destroyed 6 farms, sweeping away all buildings from 3 of them, as it moved from 5 miles north of Austin, MN to Oslo, MN. In Oslo, it destroyed the town hall. Damage was estimated at \$75,000. Another tornado moved through western Trempealeau County, northern Jackson County, eastern Clark County, and northwestern Marathon County in west central Wisconsin. It caused no injuries or deaths. This was one of six tornadoes to occur in west central Wisconsin on this date between 4 PM and 8 PM. Oelwein, IA (3.45") and Fayette, IA (3.13") rain. ● In 1925, an F2 tornado skipped southeast from 3 miles north of Blooming Prairie, MN to 5 miles east of Grand Meadow, MN. Barns were destroyed near the starting and ending points. Damage in the southeast part of Hayfield totaled \$75,000 as at least a dozen homes were unroofed and many smaller buildings were destroyed. Losses outside Hayfield totaled \$8,000. Another F2 tornado moved across Juneau County, WI from Elroy to Lindina Township. It destroyed a barn and several silos. Several homes were partly unroofed, with damage estimates of \$30,000. ● In 1914, Osage, IA (6.31") and New Hampton, IA (4.96") had their wettest June day. ● In 1899, Grand Meadow, MN (3.75") rain. |
| <p>June 14</p> | <ul style="list-style-type: none"> ● In 2000, Lynxville, WI (3.25") and Charles City, IA (3.10") rain. ● In 1981, thunderstorms gusts exceeded 80 mph in Buffalo County, WI. ● In 1974, a weak F1 tornado touched down in Monroe County, WI and baseball size (2.75") was reported in Richland County, WI. ● In 1930, Neillsville, WI (3.77") rain. ● In 1916, Lancaster, WI (3.48") rain. ● In 1887, Rochester, MN (2.42") rain. |

June 15

- In 1997, thunderstorm wind gusts of 80 mph blew through De Soto and Newry, WI. Property damage was over \$50,000 and two injuries were reported.
 - In 1991, record flooding occurred on the Turkey River. The flood was preceded by several months of well above normal precipitation. Beginning late on the 14th and continuing into the 15th, torrential rainfall fell across the region. Unofficial rainfall reports far exceeded the official ones, with the USGS DCP at Luana (Clayton County) reporting 13.96" and 9.28" five miles south of Postville. Both Monona (Clayton County) and Fayette reported unofficial amounts of 13.00". Damage was widespread and nearly catastrophic across Fayette and Clayton Counties, exceeding \$3 million in non-agricultural losses. Numerous bridges and roads washed out and many homes were damaged. Rain amounts on this day:
In WI: Prairie du Chien (4.53", wettest June day), Lancaster (3.65"), Platteville (3.03"), Richland Center (3.00").
In IA: Guttenberg (4.50", wettest June day), Postville (4.30"), Elkader (3.28"), Waucoma (3.05").
 - In 1981, Platteville, WI (3.71") rain.
 - In 1978, Charles City, IA (3.56") and Marble Rock, IA (3.42") rain.
 - In 1967, an F1 tornado touched down in both Trempealeau (2 miles west of Galesville, WI) and Winona (MN) Counties and an F0 tornado occurred in La Crosse County, WI (2 miles east of Mindoro). None of the tornadoes caused any injuries or deaths.
 - In 1925, Oelwein, IA (6.50", wettest June day) rain.
 - In 1920, La Crosse, WI (2.91") rain.
 - In 1892, Grand Meadow, MN (5.00") rain.
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June 16

- In 2004, six weak tornadoes touched down in southeast Minnesota and northeast Iowa during the afternoon. The strongest of these tornadoes was an F1 tornado that touched down 2 miles north of New Haven, IA. This tornado remained on the ground for 5 miles and dissipated on the Floyd County line east of Osage.
- In 2001, Elgin, MN (3.89") rain.
- In 1997, Guttenberg, IA (3.69"), Muscoda, WI (3.53"), Platteville, WI (3.28"), and Lancaster, WI (3.10") rain.
- In 1996, an F0 tornado moved east across southern Fayette County, IA from 6 miles north of Oelwein to 5 miles west of Arlington. The tornado did not do much damage as it was only on the ground intermittently and over open farm land. Also on this date, local law enforcement officials reported an F0 tornado near the town of Bagley, WI on the Mississippi River. Rochester, MN (2.11") rain.
- In 1990, an F1 tornado moved east across Floyd County, IA from 3 miles northeast of Nora Springs to 5.5 miles north of Rudd. Extensive damage occurred when several farmsteads were hit in the northwest part of the Floyd County.
- In 1984, an F0 tornado touched down during the evening, 2 miles west of Charles City, IA. Ontario, WI (5.70", wettest June day), La Crosse, WI (3.82", wettest June day), Hokah, MN (3.75", wettest June day), and Hillsboro, WI (3.17") rain.
- In 1979, an F1 tornado touched down in Trempealeau County, WI. Jump River, WI (3.25", wettest June day).
- In 1978, Prairie du Chien, WI (3.70") and Lancaster, WI (3.00") rain.
- In 1967, La Crescent, MN (3.25") and Sparta, WI (3.03") rain.
- In 1964, Guttenberg, IA (40, coldest June temperature).
- In 1954, Austin, MN (3.30", wettest June day) rain.
- In 1946, an F2 tornado touched down 5 miles north of Grand Meadow, MN and tracked east-northeast passing just northwest of Racine, MN. Five farms lost buildings. One small house was destroyed, a rural school was leveled, and at least two barns were destroyed causing \$15,000 of damage.
- In 1944, Postville, IA (3.02") rain.
- In 1920, Richland Center, WI (4.14") rain.

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| <p>June 17</p> | <ul style="list-style-type: none"> ● In 1996, rain amounts on this day: In IA: Fayette (3.29", wettest June day). In MN: Harmony (3.30"). In WI: Readstown (6.25", wettest day on record), Westby (4.20", wettest June day), Cashton (4.04", wettest June day), Hillsboro (3.91", wettest June day). ● In 1993, La Crosse, WI (2.83") and Rochester, MN (2.06") rain. ● In 1987, a small tornado touched down briefly at McDonald Island (5 miles west of Eastman in Crawford County, WI) and it knocked down some trees. ● In 1984, a weak F0 tornado touched down just west of Mazeppa, MN along the Goodhue and Wabasha County line. Meanwhile, another weak F0 tornado touched down in Alma, WI. Several witnesses described the tail of a small tornado dipping down to a marina, lifting large metal docks and tossing them around, ramming a covered dock into the bank, and pushing a 40 foot ramp to the top of the roadway. Rain amounts on this day: Mauston, WI (3.82"), La Crescent, MN (3.55", wettest June day), Sparta, WI (3.20"), Cashton, WI (3.06"). ● In 1979, Medford, WI (3.17") rain. ● In 1978, rain amounts on this day: In IA: Dorchester (4.55"), Lansing (3.53"), Waukon (3.02"). In WI: Richland Center (4.56"), Lynxville (4.12"), Readstown (4.02"), Viroqua (3.81"), Platteville (3.03"). ● In 1962, a weak F1 tornado occurred in Olmsted County, WI. ● In 1899, an F3 tornado moved north northeast from 2 miles northwest of Lewiston, MN, crossing the Mississippi River 6 miles northwest of Winona, and then cutting a path through the Waumandee Valley in Wisconsin. There was little damage in Minnesota, but homes and barns were swept away in Wisconsin, and all injuries occurred there. Over 50 hogs were killed on Wisconsin farm. This tornado also caused 5 injuries. ● In 1864, a tornado occurred in Vernon County, WI. |
| <p>June 18</p> | <ul style="list-style-type: none"> ● In 1998, several homes were damaged and hundreds of trees were knocked down in Lancaster, WI by an F0 tornado. This tornado also injured one person. ● In 1996, Preston, MN (3.73") rain. ● In 1991, an F1 tornado moved south across Chickasaw County, IA from 3 miles east of New Hampton to 6 miles southeast of New Hampton. Trees were blown down and hail up to tennis ball size was reported. ● In 1987, Genoa, WI (101, warmest June temperature). ● In 1984, the rain began to fall in Caledonia, MN on the 17th and continued into the 18th. The total rainfall amount for these two days was 6.55". ● In 1974, thunderstorm wind gusts around 83 mph and a weak F1 tornado caused 2 injuries in Olmsted County, MN. ● In 1954, an F2 tornado touched down during the early evening in Hixton, WI. ● In 1932, Oelwein, IA (3.20") rain. ● In 1904, Osage, IA (3.20") rain. |

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| <p>June 19</p> | <ul style="list-style-type: none"> ● In 1997, an F0 tornado briefly touched down 2 miles northwest of Harmony, MN. The same thunderstorm also produced golf ball size hail near Harmony. ● In 1996, Ontario, WI (3.75") rain. ● In 1993, minor tree damage was reported and power lines were knocked down by F0 tornadoes in Grant County, WI just northeast of Georgetown, 3 miles south of Platteville, and near Sinsinawa. Elgin, MN (3.73") and La Crosse, WI (3.12") rain. ● In 1992, a pickup truck was lifted off a road and rotated by an F1 tornado 4½ miles south of Elkader, IA. A radio tower was also knocked down. The tornado was over open country most of the time. In addition to this tornado, an F0 tornado hit a farmstead destroying a barn and topping a few trees just west and northwest of Elkader, IA. ● In 1979, an F0 tornado touched down during the evening in Winneshiek County, IA. ● In 1971, Olmsted County, MN reported thunderstorm wind gusts up to 86 mph. ● In 1954, Alma, WI (3.20"), Blair, WI (3.18"), Mather, WI (3.18"), and Minnesota City, MN (3.01", wettest June day) rain. ● In 1937, an F2 tornado moved east-northeast from west of Riceville, IA, passing near Davis Corners, northwest of Cresco, to near Kendallville, IA. A half dozen barns were damaged or destroyed. Beyond Kendallville, downburst damage in Winneshiek County totaled \$100,000. ● In 1931, an F2 tornado moved northeast across Chickasaw and Howard Counties in northeast Iowa from Deerfield to 2 miles southeast of Lourdes. Barns were destroyed on four farms. Total damage estimates were \$62,000. ● In 1904, Charles City, IA (3.67") rain. ● In 1890, St. Charles, MN (3.20") rain. |
| <p>June 20</p> | <ul style="list-style-type: none"> ● In 1997, thunderstorm wind gusts exceeding 80 mph hit right around midnight in Oelwein, IA. Property damage was in excess of \$50,000. ● In 1988, in WI: Dodge (101), Platteville (101), Lynxville (100), and Mauston (100) recorded their warmest June temperature. ● In 1987, Waucoma, IA (4.50") rain. ● In 1971, Osage, IA (4.09") rain. ● In 1968, an F0 tornado touched down in Winona County, WI. ● In 1964, an F1 tornado touched down briefly in Mondovi, WI during the afternoon. It caused no injuries or deaths. ● In 1937, one barn was destroyed by an F2 tornado 3 miles east of Protovin, IA. Damage was estimated at \$8,000. ● In 1933, La Crosse, WI (102, tied July 21, 1988 for warmest June temperature). ● In 1921, Mondovi, WI (3.61") rain. ● In 1908, Decorah, IA (3.90") rain. |

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| <p>June 21</p> | <ul style="list-style-type: none"> ● In 2002, law enforcement officials observed a brief F0 tornado touchdown along Highway 18 near Ionia, IA (Chickasaw County) during the early evening. There was no damage reported with this tornado. However, golf ball size hail near the tornado did cause some damage. ● In 1992, Austin, MN (35, coldest June temperature). ● In 1991, Jump River, WI (3.19") rain. ● In 1988, warmest June temperatures on this day: In IA: Elkader (103), Guttenberg (101), Cresco (100), Oelwein (100), Waukon (96). In MN: Austin (100, also warmest day on record), Theilman (100). In WI: Richland Center (103), La Crosse (102), Necedah (101), Hillsboro (100), Sparta (100). ● In 1974, rain amounts on this day: In IA: Dorchester (4.65"), Waukon (3.58"), Guttenberg (3.43"), Elkader (3.00"). In MN: Lanesboro (5.28", wettest June day), Elgin (3.96"), Caledonia (3.01"). In WI: Prairie du Chien (3.66"). ● In 1968, Trempealeau, WI (4.26", wettest June day), Galesville, WI (3.85", wettest June day), Winona, MN (3.55"), and Dodge, WI (3.00", wettest June day) rain. ● In 1908, Prairie du Chien, WI (3.47") rain. |
| <p>June 22</p> | <ul style="list-style-type: none"> ● In 2002, repeated thunderstorms with heavy rain caused flash flooding over parts of central Wisconsin during the overnight hours of June 21st-22nd. Hardest hit was northeast Adams County where Doppler radar estimated total amounts of 15" of rain. Cooperative weather observers reported 5" of rain at Big Flats, WI, 7" in Leola, WI, with up to 12" reported just north and east of Leola. Numerous roads were closed or badly eroded, with many bridges washed out. Area lakes were full, while levees and dikes nearby breached. Many basements and septic fields flooded out. ● In 1988, Decorah, IA (101) and Blair, WI (100) recorded their warmest June temperature. ● In 1984, an F0 tornado briefly touched down 5 miles south of Charles City, IA. ● In 1975, a thunderstorm produced wind gusts up to 85 mph in Grant County, WI. ● In 1964, Dorchester, IA (4.75") rain. ● In 1944, an F4 tornado moved southeast from near Fennimore, WI into northern Illinois (10 miles east northeast of Freeport). Seven people were killed and 65 were injured in Wisconsin (2 people died and 13 were injured in Illinois). Total damage was estimated at \$2 million. Also on this date, an F2 tornado moved east-northeast from near Finley, WI, passing along the edge of Nekoosa, and south of Port Edwards, WI. At least 13 barns were damaged or destroyed totaling \$20,000. ● In 1940, Neillsville, WI (4.53") and Mauston, WI (3.30") rain. ● In 1930, Charles City, IA (3.10") rain. ● In 1892, an F3 tornado zig zagged east and southeast across Bremer and Chickasaw Counties in northeast Iowa. An elderly woman was killed in one of the eight farm houses that were torn apart and scattered. Horses and cattle were killed on many of 25 farms that were damaged. Eight injuries and one death occurred in Chickasaw County. |

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| <p>June 23</p> | <ul style="list-style-type: none"> ● In 2004, a line of thunderstorms that moved out of Minnesota produced wind damage, hail, and four F1 tornadoes in west central and central Wisconsin. One of these tornadoes in Monroe County, WI struck the Jellystone Campground near Warrens. It injured 4 campers. One gentleman was seriously injured when a tree fell on him during a rescue attempt. ● In 1992, an F0 tornado touched down near St. Lucas, IA. This same thunderstorm produced large hail which damaged crops between St. Lucas and Fayette. ● In 1981, an F1 tornado touched down in La Crosse County, WI during the evening. ● In 1964, Decorah, IA (4.99", wettest June day) and Waucoma, IA (3.45") rain. ● In 1962, an F2 tornado touched down briefly during the afternoon in Thorp, WI. It caused no injuries or deaths. ● In 1952, Rochester, MN (4.01") and La Crosse, WI (3.42") rain. ● In 1919, an F3 tornado touched down 5 miles northeast of Nashua, IA. Two farms were devastated by a tornado for the second year in a row. The house and barns had just been rebuilt after being destroyed in the 1918 tornado. A woman was injured by falling cement blocks in her cellar. A half dozen farms were damaged. Estimates of damage totaled \$60,000. Also, on this date, an unusual F2 tornado "smashed barns to kindling" and killed horses and cattle just southeast of Riceville, IA. The funnel made a complete loop and crossed its own path, all within a small area of Douglas Township. Some eye witnesses claimed that there were three tornadoes, and that two followed the exact same looping path. ● In 1917, Grand Meadow, MN (3.56") rain. ● In 1908, Grand Meadow, MN (4.25") and Rochester, MN (4.10") rain. ● In 1894, Grand Meadow, MN (3.10") rain. ● In 1890, an F2 tornado moved east southeast across Mitchell and Howard Counties, IA from northwest of Riceville to about 1 mile south of Saratoga. Ten barns were damaged or destroyed across Howard County. One home near Saratoga was shifted 8 feet, another was unroofed, and another house was hit by trees and lost its kitchen. St Charles, MN (3.22") rain. |
| <p>June 24</p> | <ul style="list-style-type: none"> ● In 1998, a weak F0 tornado touched down briefly in a corn field 2 miles south of Byron, MN. ● In 1994, Guttenberg, IA (3.44"), Elkader, IA (3.36"), and New Hampton, IA (3.20") rain. ● In 1981, Marble Rock, IA (3.00") rain. ● In 1971, an F3 tornado touched down in Fayette County, IA and F1 tornadoes occurred in both Prairie du Chien, WI and from Bagley to Bloomington in Grant County, WI. The Prairie du Chien tornado caused extensive damage to the city and 4 injuries. ● In 1946, Goodrich, WI (3.55", wettest June day) and Medford, WI (3.38") rain. ● In 1940, Mondovi, WI (3.90") rain. ● In 1919, Medford, WI (3.60") rain. |

June 25

- In 2002, a tornado formed out of a squall line moving across northern Clark County, WI and dropped down in the center part of Abbotsford, WI causing considerable damage. A large feed mill was demolished, with debris damaging 15 cars at a nearby car dealership. An electric generator from the feed mill was thrown about two blocks, damaging the front of a building, before coming to rest on a minivan, demolishing it. Utility poles were sheared off and tossed, as well as a railroad crossing guard. Winds gusting to 65 mph also caused nearby damage. The tornado was rated an F1 with a width of approximately 70 yards. There were two known injuries but no fatalities.
 - In 1998, Mather, WI (3.05") rain.
 - In 1988, Owen, WI (94, warmest June temperature).
 - In 1968, Waucoma, IA (3.10") rain.
 - In 1966, an F0 tornado occurred in Olmsted County, MN.
 - In 1959, an F1 tornado touched down in the late afternoon in Mower County, MN and during the late evening in Howard County, IA. Rain amounts on this day: Lanesboro, MN (4.40"), Genoa, WI (3.97"), Rochester, MN (3.80"), Prairie du Chien, WI (3.53"), New Hampton, IA (3.48").
 - In 1951, Spillville, IA (3.16") rain.
 - In 1950, an F2 tornado moved from 2 miles west of Unity, WI to 3 miles northeast of Abbotsford, WI (Clark County). Three barns were destroyed causing \$25,000 in damage. This was 1 of 3 significant tornadoes in Wisconsin that day, including an F4 that hit Oneida County. This tornado caused one death in Clark County.
 - In 1949, Guttenberg, IA (3.05") rain.
 - In 1934, just prior to midnight (11:30 PM), a tornado moved through Briggsville, WI. It caused no injuries or deaths. Friendship, WI (6.00", wettest day on record) and Neillsville, WI (3.00") rain.
 - In 1913, Rochester, MN (4.18") rain.
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June 26

- In 2002, an F0 tornado touched down during the afternoon on a farm just west of Fort Atkinson, IA. It completely destroyed an old barn. Other nearby outbuildings and a farm house sustained minor damage. There were no injuries reported.
- In 1998, Black River Falls, WI (5.28") rain.
- In 1989, wind gusts from thunderstorms reached 85 mph across Grant County, WI and an F0 tornado in Guttenberg, IA uprooted trees and damaged several buildings. One young boy was injured by flying debris.
- In 1986, an F2 tornado skipped along a 5½ mile path, first touching down near Highway 15 about 5 miles west of Sparta, WI, and moved northeast. It lifted a large roof from a machine shed, heavily damaged 2 buildings, and destroyed a small windmill. Associated thunderstorm winds leveled trees and damaged roofs on neighboring farms, and also blew down a pole barn and tipped a recreation vehicle over. As much as 4 inches of rain caused \$750,000 worth of soil damage and marble size hail led to \$236,000 worth of crop damage.
- In 1973, an F1 tornado touched down during the evening in Richland and Grant Counties in southwest Wisconsin.
- In 1969, an F2 tornado tracked northeast from York, WI, across southeast Eau Claire County, and into Clark County (5 miles north northwest of Curtiss). Ten farms in the Withee, WI area were damaged. Two injuries occurred in Clark County. Another F2 tornado touched down 3 miles east of Fennimore, WI. A barn collapsed, injuring two people. Other farm buildings were destroyed as this tornado moved northeast. In addition to these F2 tornadoes, an F1 tornado touched down during the afternoon in Mitchell County, IA and 92 mph thunderstorm wind gusts were reported in Winona County, MN. An F1 tornado moved through Clark and Taylor Counties, WI. It caused major damage at the Taylor County airport near Medford. Osage, IA (3.85") and Harmony, MN (3.03") rain.
- In 1959, Harmony, MN (3.45") and Cresco, IA (3.10") rain.
- In 1951, in IA: Decorah (4.72"), Nashua (4.07"), New Hampton (3.47"), and Dorchester (3.00") rain.
- In 1934, Mather, WI (3.25") rain.
- In 1934, Hatfield, WI (4.00") and Mauston, WI (3.00") rain.
- In 1920, Mondovi, WI (4.75", wettest June day) rain.
- In 1906, Hatfield, WI (3.15") rain.
- In 1874, a severe thunderstorm produced torrential rain and wind gusts up to 90 mph as it moved through the La Crosse, WI area shortly after 2 PM. The wind blew off several roofs and caused two chimneys to collapse in the downtown area.

June 27

- In 1998, a line of severe thunderstorms tracked across southeast Minnesota, northeast Iowa and western Wisconsin. This line of storms produced two long swaths of damage. One extended from just north of Rochester, MN to near Necedah WI. The other main damage track ran from Austin, MN to near Mauston, WI. A wind gust of 93 mph was recorded at the Austin airport as the line moved through, while estimates of 100 mph and greater winds were estimated in other locations. Total damage from the event was estimated to be in excess of \$15 million. In addition, a brief F0 tornado was reported by amateur radio storm spotters 2 miles west of Cresco, IA. It only damaged a small area of crops. Rain amounts on this day: Blair, WI (3.74", wettest June day), Galesville, WI (3.56"), Elgin, MN (3.33"), Waucoma, IA (3.15"), Lake City, MN (3.07").
 - In 1996, flash flooding was observed on numerous small creeks and streams across both Winona and Wabasha Counties, MN during the early morning. Crops sustained some damage and many county roads had wash outs or were closed. Flash flooding was also observed in the Rochester, MN area with some basements flooded. Property damage was estimated at \$55,000 and crop damage was estimated at \$40,000.
 - In 1990, Mitchell County, IA reported 3" hail.
 - In 1986, the following Wisconsin locations had their wettest June day: Neillsville (4.83"), Hatfield (4.79"), Mather (4.7"), Necedah (3.38").
 - In 1985, Charles City, IA (3.57") and Blair, WI (3.05") rain.
 - In 1983, Waukon, IA (3.5") and Elkader, IA (3.24") rain.
 - In 1977, a weak F1 tornado touched down occurred during the evening in Houston County, MN.
 - In 1969, New Hampton, IA (3.12") rain.
 - In 1966, two F1 tornadoes touched down during the evening in Fayette County, IA.
 - In 1952, Caledonia, MN (3.95") rain.
 - In 1934, Fayette, IA (108), Charles City, IA (105), Grand Meadow, MN (105), New Hampton, IA (105), and Rochester, MN (105) recorded their warmest June temperature.
 - In 1914, La Crosse, WI (2.20") rain.
 - In 1882, an F2 tornado caused one injury as it destroyed 2 homes south of Cashton, WI.
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June 28

- In 1998, New Hampton, IA (3.85"), Charles City, IA (3.32"), Decorah, IA (3.27"), Muscoda, WI (3.25"), Harmony, MN (3.09"), and Richland Center, WI (3.02") rain.
- In 1995, an F0 tornado touched down in Onalaska, WI and ripped off a swimming pool cover, tar paper, and blew twigs into the air some 200 feet. The tornado was said to have made a high pitch whistling noise and looked like a white pillar reaching about 300 feet into the air.
- In 1990, Rochester, MN (2.28") rain.
- In 1983, Harmony, MN (3.31") rain.
- In 1980, Osage, IA (3.86") and Owen, WI (3.16") rain.
- In 1967, Richland Center, WI (4.71", wettest June day) rain.
- In 1960, an F2 tornado moved from 3 miles east southeast of Mondovi, WI to 6 miles east southeast to Strum, WI. This tornado destroyed a barn.
- In 1947, Cresco, IA (3.60", wettest June day) rain.
- In 1943, Viroqua, WI (3.20") rain.
- In 1942, an F2 tornado moved east-northeast across Wilmington and Winnebago Townships in southern Houston County, MN. Two barns were destroyed with damage estimates at \$10,000. Rain amounts on this day: La Crosse, WI (3.76"), Sparta, WI (3.66"), Charles City, IA (3.31").
- In 1931, Winona, MN (106, warmest June temperature).
- In 1923, Grand Meadow, MN (3.59") rain.
- In 1865, a tornado moved east along the Amherst/Holt Township line in Fillmore County, MN destroying four homes and damaging several others. The damage scene included "splinters, shingles, rails, and every conceivable article used about the farm or dwelling, together with shreds of torn garments, bed clothing, beds torn open and feathers filling the air like snow flakes. Chickens and turkeys stripped of their feathers and lying dead in every direction." Another tornado moved east northeast from southwest of Viroqua, WI (devastating the southern part of that town) and then moved south of Rockton before dissipating to a six-mile wide downburst near the Juneau County, WI line. Approaching Viroqua, the funnel was accompanied by a "branch whirl holding on like a parasite." Multiple vortex "branches" and "eddies" were observed as the tornado passed through the town. "Death rode upon that sulphury siroc" as "the angry elements at the beck of an invisible power lay waste the fairest portion of the village." Ten people were killed on one street. A death total of 17 is usually given for this tornado, but according to the History of Vernon County at least 13 people were killed in Viroqua and as many as 12 others may have died later from injuries. The tornado was moving at an estimated 60 mph, as it approached a schoolhouse 2 miles east of Viroqua containing a teacher and 24 students. The building was lifted into the air "and dashed to ground", killing the teacher and eight students. Foot-square timbers were carried "long distances; tree tops were filled with feather beds, chairs, and clothing. All kinds of livestock were either dead or writhing on the points of broken branches; 20-ton rocks were rolled, lifted, and broken."

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| <p>June 29</p> | <ul style="list-style-type: none"> ● In 1996, baseball size hail (2.75") was reported in Oronoco, MN. ● In 1990, Platteville, WI (3.05") rain. ● In 1983, an F1 tornado knocked down a cattle shed, killed some cattle, and downed some trees 2 miles northeast of Bassett, IA. ● In 1981, Neillsville, WI (3.31") rain. ● In 1969, an F1 tornado touched down 6 miles south of Lancaster, WI. It caused no injuries or deaths. ● In 1966, an F2 tornado leveled barns northeast of Rib Lake, WI. ● In 1947, Gays Mills, WI (3.50", wettest June day) and Lancaster, WI (3.10") rain. ● In 1942, Decorah, IA (6.40", wettest June day), Grand Meadow, MN (4.83"), Viroqua, WI (4.01", wettest June day), West Salem, WI (3.87"), and Lansing, IA (3.40") rain. ● In 1931, Viroqua, WI (101) and Lancaster, WI (100) had their warmest June temperature. ● In 1910, Neillsville, WI (104, warmest June temperature). |
| <p>June 30</p> | <ul style="list-style-type: none"> ● In 1993, New Hampton, IA (3.00") rain. ● In 1983, an F0 tornado was reported by the public 12 miles west of Lancaster, WI. The tornado caused no damage. ● In 1969, Platteville, WI (3.00") rain. ● In 1967, a small F1 tornado touched down 10 miles northeast of Neillsville, WI. It caused no injuries or deaths. ● In 1963, Jump River, WI (94, warmest June temperature). ● In 1956, a weak F0 tornado touched down in Olmsted County, MN. ● In 1949, Trempealeau, WI (99, warmest June temperature). ● In 1938, Mauston, WI (4.00", wettest June day) rain. ● In 1931, Prairie du Chien, WI (105, warmest June temperature). |

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| <p>July 1</p> | <ul style="list-style-type: none"> ● In 1997, 90 mph thunderstorm wind gusts were reported in Loyal, WI causing an estimated \$40,000 in damage. ● In 1988, Osage, IA (40, coldest July temperature). ● In 1983, Preston, MN (3.13") rain. ● In 1978, an F1 tornado was reported during the evening in Vernon County, WI. In addition, many rainfall records were set across the area. Some amounts on this day: In IA: Dorchester (3.51"). In MN: Theilman (8.00", wettest day on record), Lake City (5.25"), La Crescent (4.43", wettest day on record), Winona (4.30", wettest July day), Elgin (4.28"), Minnesota City (4.21"), Caledonia (4.20"), Wabasha (3.96"). In WI: Genoa (6.02"), Ontario (6.00", wettest day on record), Richland Center (4.92", wettest July day), La Crosse (4.79", wettest July day), Cashton (4.75", wettest day on record), Sparta (4.55"), Neillsville (4.38", wettest July day), Westby (4.30", wettest day on record), Dodge (4.22", wettest July day), Blair (4.17", wettest July day), Viroqua (4.16"), Alma (4.15"), Hatfield (4.12"), Galesville (4.04"), Readstown (3.89"), Trempealeau (3.85", wettest July day), Mather (3.64"), Mondovi (3.48"), Mauston (3.40"). ● In 1964, Minnesota City, MN (3.45") rain. ● In 1963, Hillsboro, WI (100, warmest July temperature). ● In 1956, a small F0 tornado cut a path to the northeast passing east of Calmar, IA. Three farms sustained heavy damage. Two men saw a funnel and ran for cover. ● In 1948, Austin, MN (41, coldest July temperature). Remarkably, just 5 days later, they had their warmest July temperature (99). ● In 1924, Winona, MN (43, coldest July temperature). |
| <p>July 2</p> | <ul style="list-style-type: none"> ● In 2000, an F0 tornado briefly touched down east of Hanover, IA. It only damaged a few corn fields. ● In 1993, Theilman, MN (3.10") rain. ● In 1992, a weak F0 tornado touched down briefly in Hayfield, MN. It destroyed a three season porch and damaged the local high school. The concrete portion of a scoreboard was pulled from the ground and a flag pole was bent over. Trees were blown down over most of the town. ● In 1969, 3" hail fell across Grant County, WI. ● In 1962, Platteville, WI (4.67"), Harmony, MN (3.60"), Lansing, IA (3.25"), and Guttenberg, IA (3.10") rain. ● In 1944, Austin, MN (4.32", wettest July day) and Osage, IA (3.05") rain. ● In 1933, Decorah, IA (4.50"), Cuba City, WI (3.90"), and Lansing, IA (3.89") rain. ● In 1928, a tornado moved through Blair, WI around 2 AM. Even though it occurred during the early morning hours, it caused no deaths or injuries. ● In 1904, Fayette, IA (38, coldest July temperature). |

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| <p>July 3</p> | <ul style="list-style-type: none"> ● In 1983, an F3 tornado touched down 4 miles north of Cutler, WI. Eyewitnesses reported that 2 vortices merged over the Eagle's Nest Resort. One vortex moved from the south and the vortex from the north briefly became a waterspout as it moved across a small lake. The tornado picked up a mobile home and lifted it over a 10 foot tree, dropping it 40 feet from its original site. Eight people were injured and briefly trapped in the wreckage. One person was seriously injured with head and chest wounds. Other trailers were also blown over and damaged by falling trees. Damage at the resort was in excess of \$100,000. An F2 tornado briefly touched down near a home 6 miles west of Unity, WI inflicting minor damage. It lifted and then touched down again 5 miles west of Unity leaving a 50-foot path through a corn field. A farmer spotted the tornado touching down for a third time 1 mile west of Unity where it hit some power lines. The tornado crossed Highway 13 into Marathon County, where it did much more damage. In addition to these, weak F0 and F1 tornadoes occurred in Lyndon Station and just west of Mauston in Juneau County, WI; near Arcadia, WI; 8 miles northwest of West Union, IA; and Dellwod, Lake Mason, and Plainville in Adams County, WI. ● In 1979, an F2 tornado caused extensive damage to 4 farms and transmission towers just north of Simpson, MN. Also, two F0 tornadoes touched down in Crawford County, WI. One of the tornadoes there caused 3 injuries. ● In 1977, La Crosse, WI (2.45") rain. ● In 1973, 4" hail was reported in Buffalo County, WI. ● In 1968, Sparta, WI (40, coldest July temperature). ● In 1966, an F2 tornado leveled 2 barns near Polley, WI. ● In 1960, Caledonia, MN (3.66") rain. ● In 1954, Blair, WI (4.11") and Cashton, WI (4.02") rain. ● In 1951, an F2 tornado touched down briefly 3 miles southwest of Cazenovia, WI. A barn and sheds were destroyed and scattered over a wide area. Shingles from the barn roof were dropped 8 miles away. Estimated damage was \$20,000. ● In 1907, a family of 7 tornadoes (with two or three on the ground at the same time) tracked south-southeast crossing a total of 5 counties (Clark, Jackson, Juneau, Monroe, and Sauk) in Wisconsin. At least 20 homes were leveled. Three people were killed just outside of Oakdale. A hundred people were left homeless in town. Four people died at "Tunnel Siding" north of Elroy. At least four, and possibly six, people were killed north of Tomah. ● In 1903, Caledonia, MN (3.43") rain. ● In 1900, Minnesota, MN (4.20") rain. ● In 1860, a home was unroofed by what the owner called a "waterspout" a few miles west of Wasioja, MN. |
| <p>July 4</p> | <ul style="list-style-type: none"> ● In 1994, five homes, two sheds, and two farms were damaged near Dickeyville, WI by an F1 tornado. Damage was estimated at \$200,000. ● In 1972, Blair, WI (36) and Jump River, WI (27) had their coldest July temperature. Also, Jump River has the coldest temperature ever recorded in July for Wisconsin. ● In 1967, Decorah, IA (41), Elkader, IA (46), and Genoa, WI (46) had their coldest July temperature. ● In 1912, Hatfield, WI (3.50") rain. ● In 1911, Osage, IA (103, warmest temperature on record). ● In 1907, Neillsville, WI (3.50") rain. ● In 1901, Neillsville, WI (3.80"), St. Charles, MN (3.43"), and Caledonia, MN (3.10") rain. |

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| <p>July 5</p> | <ul style="list-style-type: none"> ● In 2004, a couple of tornadoes occurred in northeast Iowa during the early evening. The first one hit a barn that housed turkeys near Protivin (Howard County). The other tornado touched down in a corn field just north of Arlington (Fayette County). Both of these tornadoes were F0. ● In 1995, an F1 tornado moved east across Chickasaw County, IA from 2 ½ miles south of New Hampton to 3 miles south of Lawler. One farm building was destroyed and several others were damaged. Several trees were also knocked down. The tornado tracked across fields to the southeast of New Hampton and did not directly effect another farmstead before lifting south of Lawler. Property damage was \$100,000, with \$4,000 in crop damage. ● In 1978, a weak F1 tornado touched down causing 2 injuries in Trempealeau County, WI. Rochester, MN (6.22", 2nd highest one-day rainfall). ● In 1975, Elgin, MN (3.12") rain. ● In 1935, an F2 tornado moved east-southeast and passed just south of Fairchild, WI (Eau Claire County) into Jackson County. Two barns, a house, and a filling station were destroyed with damage estimates at \$12,000. ● In 1934, La Crosse, WI (3.27") rain. ● In 1907, Hatfield, WI (4.50") rain. |
| <p>July 6</p> | <ul style="list-style-type: none"> ● In 1994, an F1 tornado occurred in Floyd County, IA. In addition, F0 tornadoes touched down in the Mississippi River just east of Harpers Ferry, IA and in a field near Hawkeye, IA. ● In 1993, Cuba City, WI (3.79") rain. ● In 1978, rain amounts on this day: Minnesota City, MN (5.30", wettest day on record), Alma, WI (4.75"), Marble Rock, IA (3.42"), Preston, MN (3.41"), Elgin, MN (3.23"). ● In 1972, Richland Center, WI (38, coldest July temperature). ● In 1965, Preston, MN (42, coldest July temperature). ● In 1964, an F2 tornado touched down several times just northwest of Medford, WI. It caused 2 injuries and no deaths. ● In 1948, Austin, MN (99, warmest July temperature). Remarkably, just 5 days earlier, they had their coldest July temperature (41). ● In 1943, Winona, MN (3.32") rain. ● In 1922, Fayette, IA (3.00") rain. |

July 7

- In 2003, an F0 tornado hit a farm near New Hampton, IA just after 3 AM. This tornado demolished a barn and damaged some trees. No livestock were in the barn, but three tractors and two combines were buried under debris.
 - In 1997, Osage, IA (41, coldest July temperature).
 - In 1994, an F2 tornado moved northeast across Chickasaw County, IA from 9 miles southwest of New Hampton to 3 miles east of New Hampton. It hit a truck repair shop at the intersection of Highway 63 and County Road B54, removing the roof. Most of the tornado track was through open country, which kept damage to a minimum. Damaging wind from the parent thunderstorm also caused extensive damage around New Hampton and in Fredericksburg. Also, an F0 touched down in an open field 5 miles north of Clermont, IA. Black River Falls, WI (4.08") rain.
 - In 1991, two tornadoes occurred in Mower County, MN. The first tornado (F1) touched down just northeast of Lyle where it sheared the top of a large evergreen tree, flattened field crops, damaged five large grain bins, and snapped many power poles. Lyle was without power for 5 hours. The second tornado (F0) touched down briefly in an athletic field in Adams, cutting power but doing little damage.
 - In 1990, Elgin, MN (5.00") rain.
 - In 1984, coldest July temperatures were recorded in: Elkader, IA (35), Viroqua, WI (36), Theilman, MN (39), Trempealeau, WI (43). Elkader, IA tied Neola, IA (July 9, 1895) and Logan, IA (July 9, 1895) for Iowa's coldest July temperature.
 - In 1980, Lynxville, WI (101, warmest temperature on record). This was later tied on August 17, 1988.
 - In 1951, Strum, WI (3.81") rain.
 - In 1934, Mather, WI (35, coldest July temperature).
 - In 1925, Lansing, IA (3.80") rain.
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| <p>July 8</p> | <ul style="list-style-type: none"> ● In 1999, an F2 tornado touched down just northwest of Lewiston, MN, then moved into the middle of town and intensified. Numerous homes along Main Street had extensive damage with broken windows, damaged roofs, and downed trees. One home had the entire roof taken off, while at least 4 cars were demolished from debris landing on them. A farm on the southeast corner of town had every building destroyed, except the house. Only two injuries were reported. About an hour earlier, an F1 tornado sheared off trees and caused minor damage to homes and barns before hitting the town of Mondovi, WI. Two homes in Mondovi had roofs removed or garages damaged. This tornado caused 3 injuries. Jump River, WI (3.00") rain. ● In 1993, an F1 tornado touched down 3 miles north of Platteville, WI. Three houses, two barns, and two sheds were damaged. Trees were blown down as well. Another F1 tornado occurred just east of Beetown, WI. It damaged a mobile home, car, pole shed, and nearby trees. Finally, an F0 tornado touched down briefly 7 miles north of New Hampton, IA. Oelwein, IA (3.00") rain. ● In 1990, Minnesota City, MN (3.03") rain. ● In 1959, an F2 tornado destroyed a barn and farm machinery 8 miles north of Charles City, IA. Medford, WI (4.77") and Jump River, WI (4.02") had their wettest July day. ● In 1957, Owen, WI (3.66") and Curtiss, WI (3.51") had their wettest July day. ● In 1955, Caledonia, MN (3.84"), Mondovi, WI (3.68"), Oelwein, IA (3.60"), Lake City, MN (3.37"), Alma, WI (3.37"), and Minnesota City, MN (3.21") rain. ● In 1951, Platteville, WI (4.92", wettest July day), Cuba City, WI (4.62", wettest July day), Strawberry Point, IA (3.93"), Mondovi, WI (3.24"), Hatfield, WI (3.22"), and Elkader, IA (3.00") rain. ● In 1901, Lancaster, WI (42, coldest July temperature). ● In 1896, Prairie du Chien, WI (41, coldest July temperature). ● In 1885, an F2 tornado moved east northeast from 4 miles south of Rochester, MN damaging buildings on 2 farms. The roof and part of a home were torn off. Two members of a family were injured as they ran for cover. Another farm home was shifted and torn apart and the adjoining barn was destroyed. |
| <p>July 9</p> | <ul style="list-style-type: none"> ● In 2000, an F1 tornado touched down at the intersection of County Road T and Levi Road about 2 miles southeast of Norwalk, WI. A large machine shed was demolished while a nearby house was left untouched. At the next residence on the road, a large barn and smaller shed were demolished. The roof of the house was peeled up several inches and the wall unit air conditioner was blown into the living room. Spring Valley, MN (3.21"), Rochester, MN (3.13"), and Austin, MN (3.10") rain. ● In 1999, Mather, WI (4.22", wettest July day) and Neillsville, WI (3.03") rain. ● In 1993, Guttenberg, IA (3.21") rain. ● In 1985, a wind gust of 125 mph was reported in La Crosse County, WI. ● In 1984, baseball size hail was reported in Trempealeau County, WI. ● In 1972, Cresco, IA (3.85") rain. ● In 1965, Austin, MN (3.26") rain. ● In 1964, an F0 tornado touched down during the evening in Mower County, MN. ● In 1963, Osage, IA (3.01") rain. ● In 1959, Goodrich, WI (4.74", wettest day on record) and Lake City, MN (3.40") rain. ● In 1938, an F2 tornado tracked through parts of Freeborn and Mower Counties (MN), moving 6 miles southwest of Austin. At least one barn was destroyed and several cattle were killed. ● In 1912, La Crosse, WI (2.44") rain. ● In 1909, Decorah, IA (3.09") rain. ● In 1903, West Union, IA (4.20"), Elkader, IA (4.06"), Postville, IA (4.04"), Caledonia, MN (3.55"), New Hampton, IA (3.42"), and Lancaster, WI (3.17") rain. ● In 1897, Grand Meadow, MN (37, coldest July temperature). |

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| <p>July 10</p> | <ul style="list-style-type: none"> ● In 2000, Readstown, WI (4.33", wettest July day), Lansing, IA (3.60"), and Spring Valley, MN (3.60") rain. ● In 1994, Theilman, MN (3.00") rain. ● In 1993, an F2 tornado moved southeast from Nora Springs to 7 miles west of Charles City in Floyd County, IA. It damaged several farmsteads. ● In 1985, Lansing, IA (3.85") rain. ● In 1984, an F2 tornado touched down in the Dellwood subdivision along Castle Rock Lake, WI. A total of 59 homes were hit and 14 were destroyed. More than 2,000 trees were downed. Winds from the accompanying thunderstorm also flattened a potato warehouse 12 miles north of Friendship. An F1 tornado touched down south of Decorah, IA and wrought significant damage to more than one farmstead. The storm turned a 40,000 bushel grain bin inside out and wrapped it around a chicken house. Holes were punched in the roof of a storage building by a grain elevator and a door was ripped off. Numerous trees were knocked down, and fencing destroyed at another farm. A wagon was blown into a new pickup, and at still another farm a branch flew through a house window and sprayed glass all over the furniture. A good deal of corn was knocked down by this storm as well. In addition, to these tornadoes, an F0 tornado touched down briefly in a corn field just west of Lewiston, MN. Platteville, WI (3.31") and Mondovi, WI (3.11") rain. ● In 1966, an F2 tornado occurred near Merrilan, WI (Jackson County) and F1 tornadoes touched down near La Crosse and Onalaska in La Crosse County, WI. The tornadoes caused 3 injuries in Jackson County and an injury in La Crosse County. ● In 1940, Gays Mills, WI (3.40") and Rochester, MN (3.01") rain. ● In 1934, an F2 tornado skipped southeast from 2 miles southeast of Alta Vista, IA, tearing apart barns 3 miles southeast of Alta Vista and 5 miles north of New Hampton. The final damage was just northeast of Valier with \$5,000 estimates. Another F2 tornado unroofed or tore apart a dozen homes in West Union, IA. The tornado moved southeast and lifted in Clayton County. It caused one injury in Clayton County. Damage estimates totaled \$80,000. ● In 1932, Viroqua, WI (3.50") rain. ● In 1897, Prairie du Chien, WI (3.39") rain. |
| <p>July 11</p> | <ul style="list-style-type: none"> ● In 1987, an F0 tornado touched down briefly 2 ½ miles southeast of Rollingstown, MN. ● In 1984, Wabasha, MN (3.94") and Neillsville, WI (3.13") rain. ● In 1981, Rochester, MN (7.47", wettest day on record), Preston, MN (7.30", wettest day on record), Lanesboro, MN (5.85", wettest day on record), Grand Meadow, MN (3.27"), Zumbro Falls, MN (3.17"), and La Crosse, WI (3.10") rain. ● In 1940, Genoa, WI (3.90") rain. ● In 1936, Rochester, MN (108, warmest day on record). ● In 1898, Neillsville, WI (34, coldest July temperature). |

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| <p>July 12</p> | <ul style="list-style-type: none"> ● In 1991, Charles City, IA (3.25") rain. ● In 1987, Theilman, MN (4.42") and Blair, WI (3.36") rain. ● In 1981, Hokah, MN (5.00", wettest day on record), Richland Center, WI (4.49"), Soldiers Grove, WI (3.70"), Minnesota City, MN (3.16"), and Viroqua, WI (3.00") rain. ● In 1972, Cresco, IA (3.90"), Waucoma, IA (3.54"), Lynxville, WI (3.17"), and Medford, WI (3.00") rain. ● In 1971, an F4 tornado moved southeast through Howard, Chickasaw, and Fayette Counties in northeast Iowa from 2 miles west of Elma to just southwest of Waucoma. The tornado hit 50 farms. Three homes and barns were swept away. Damage estimates were \$1.5 million. Both Fayette and Howard Counties reported 4 injuries apiece. In addition to this tornado, an F3 tornado moved northeast from southeast of Grafton, IA, passing 5 miles east-southeast of St. Ansgar and south of Stacyville, IA. Homes, barns, and other farm buildings were torn apart and scattered. Fifteen farms were severely damaged, and over 5,000 acres of grain were destroyed. A potato sack was carried for 7 miles. An F2 tornado touched down 4 miles northeast of Sumner, IA destroying 8 barns. Also, on this date, wind gusts of 87 mph were produced by thunderstorms in Olmsted County, MN. ● In 1953, La Crosse, WI (2.65") rain. ● In 1936, Winona, MN (108, warmest day on record). ● In 1912, Grand Meadow, MN (3.40") rain. ● In 1896, Medford, WI (3.05") rain. |
| <p>July 13</p> | <ul style="list-style-type: none"> ● In 1995, warmest July temperatures were recorded in: Genoa, WI (109, also warmest day on record), La Crosse, WI (108, also tied for the warmest day on record with July 14, 1936), Necedah, WI (104), Trempealeau, WI (103), Decorah, IA (102), and Guttenberg, IA (102). ● In 1975, Oelwein, IA (40, coldest July temperature). ● In 1966, an F2 tornado touched down briefly in Platteville, WI during the afternoon. It caused no injuries or deaths. ● In 1936, warmest July temperatures were recorded in: Wisconsin Dells, WI (114, also warmest day on record in Wisconsin), New Hampton, IA (110), Viroqua, WI (108), Medford, WI (104). ● In 1929, Oelwein, IA (3.10") rain. ● In 1912, Hatfield, WI (5.40", wettest day on record). ● In 1900, Lancaster, WI (3.18") rain. |

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| July 14 | <ul style="list-style-type: none"> ● In 1995, 3" hail fell in Medford, WI. Also on this date, warmest July temperatures were recorded in: Blair, WI (105, tied for warmest day on record with August 23, 1948), Sparta, WI (105, warmest day on record), Waukon, IA (102, warmest day on record), Mauston, WI (103), Owen, WI (99). ● In 1977, 80 mph thunderstorm wind gusts were reported in Mower County, MN and an F2 tornado severely damaged 3 churches in Wykoff, MN. A new residential area was hit there, and at least one home was unroofed. Several barns collapsed killing 23 head of cattle. In addition, the tornado caused 10 injuries. ● In 1966, rain amounts on this day: In WI: Muscoda (4.60", wettest July day), Lynxville (3.45"), Lancaster (3.35"), Platteville (3.01"), Prairie du Chien (3.00"). In IA: Osage (3.60"), Elkader (3.50"), Waucoma (3.42"), Guttenberg (3.16"). ● In 1936, extreme heat was found across the region, with the following locations recording their warmest day on record: In MN: Rochester (108), Grand Meadow (106). In WI: Mondovi (110), Richland Center (110), Hatfield (108), La Crosse (108, tied with July 13, 1995), Lancaster (108), Mather (106). ● In 1935, an F3 tornado tracked south-southeast across southwest parts of the Fayette County, IA crossing into Buchanan County, IA about 6 miles west of Oelwein. At least one barn was destroyed. Total tornado and wind damage was estimated at \$100,000. ● In 1900, La Crosse, WI (3.92") rain. |
| July 15 | <ul style="list-style-type: none"> ● In 1995, Medford, WI (4.03") rain. ● In 1988, Mather, WI (3.05") rain. Jump River, WI (98, warmest July temperature). ● In 1980, an F1 tornado occurred in Clark County, WI. ● In 1965, a weak F1 tornado touched down during the afternoon 4 miles southeast of Cataract, WI. It caused no injuries or deaths. ● In 1950, Fennimore, WI (5.80") and Richland Center, WI (4.81") rain. ● In 1900, Minnesota City, MN (4.10"), Grand Meadow, MN (3.30"), and St. Charles, MN (3.00") rain. |
| July 16 | <ul style="list-style-type: none"> ● In 1972, F1 tornadoes touched down during the afternoon in both La Crosse and Trempealeau Counties, WI. Also, 4" diameter hail was reported in La Crosse County. ● In 1968, Elkader, IA (3.50") rain. ● In 1957, Elgin, MN (5.27", wettest day on record), Lanesboro, MN (3.40"), Lake City, MN (3.30"), Theilman, MN (3.11"), Decorah, IA (3.06"). ● In 1950, record rainfalls caused the Platte River at Rockville, WI to have its greatest flood on record, reaching a crest of 17.26 feet. Rain amounts on this day: In MN: Harmony (5.15", wettest July day), Caledonia (3.57"). In WI: Steuben (6.95", wettest day on record), Lynxville (5.09", wettest July day), Muscoda (4.70", wettest July day), Lancaster (4.55"), Gays Mills (4.40", wettest July day), Prairie du Chien (4.13"), Genoa (3.04"). In IA: Cresco (4.75", wettest July day), Waukon (4.46", wettest July day), Decorah (4.22"), Osage (3.90"), Lansing (3.33"). ● In 1903, Prairie du Chien, WI (3.73") rain. ● In 1887, a tornado occurred in Clark County, WI around 2 PM. |

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| <p>July 17</p> | <ul style="list-style-type: none"> ● In 1999, baseball sized hail (2.75") fell in Charles City, IA. This caused \$60,000 in combined property and crop damage. ● In 1991, Necedah, WI (4.54", wettest July day) and La Crosse, WI (3.62") rain. ● In 1983, thunderstorm wind gusts of 90 mph blew through Vernon County, WI. ● In 1978, Grand Meadow, MN (3.71") and Elgin, MN (3.61") rain. ● In 1977, Lancaster, WI (3.23") rain. ● In 1969, Rochester, MN (2.34") rain. ● In 1968, Guttenberg, IA (5.70", wettest day on record) and Fayette, IA (4.86") rain. ● In 1964, Dodge, WI (102, warmest July temperature). ● In 1963, Elgin, MN (3.28") rain. ● In 1958, Necedah, WI (37, coldest July temperature). ● In 1956, an F2 tornado touched down during the afternoon in Chickasaw County, IA. ● In 1911, Mondovi, WI (39), Mauston, WI (40), and Rochester, MN (40) had their coldest July temperature. ● In 1908, Postville, IA (5.93") and Fayette, IA (4.14") rain. ● In 1903, Elkader, IA (5.00"), Lancaster, WI (3.90"), West Union, IA (3.56"), Fayette, IA (3.42"), Postville, IA (3.20"), and New Hampton, IA (3.00") rain. |
| <p>July 18</p> | <ul style="list-style-type: none"> ● In 1999, Osage, IA (5.75", wettest July day), Austin, MN (3.13"), Lake City, MN (3.08"), and Postville, IA (3.05") rain. ● In 1998, a short-lived F1 tornado hit a dairy barn near Retreat, WI, killing five cows and injuring 1 person. It skipped along the ground and stacked trees together after its passage. It dissipated 5 miles west of Westby, WI. ● In 1991, La Crescent, MN (3.90"), Grand Meadow, MN (3.11"), Trempealeau, WI (3.04"), and Viroqua, WI (3.02") rain. ● In 1981, Blair, WI (3.00") rain. ● In 1977, Platteville, WI (4.15") and Muscoda, WI (3.53") rain. ● In 1971, an F2 tornado moved east from 2 miles south of Melrose, WI to Cataract, WI. It destroyed several barns. ● In 1969, Preston, MN (3.55"), New Hampton, IA (3.14"), and Harmony, MN (3.10") rain. ● In 1964, La Crosse County, WI reported baseball size hail and La Crosse received 2.12" of rain. Preston, MN (101, tied with August 2, 1964 for warmest day on record). ● In 1963, Fayette, IA (3.60") and Preston, MN (3.50") rain. ● In 1936, this day marked the end of the warmest period on record for La Crosse, WI. From the 5th through the 18th, temperatures climbed to 90 or better everyday, and at or above 100 eight times. During this time 6 record temperatures were set and the average high temperature for the period was 101. ● In 1895, Wabasha, MN (4.34") rain. |

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| <p>July 19</p> | <ul style="list-style-type: none"> ● In 1999, Grand Meadow, MN (5.22", wettest July day), Charles City, IA (5.16"), New Hampton, IA (4.75"), Cresco, IA (3.61"), Spillville, IA (3.55"), Hatfield, WI (3.25"), and Waucoma, IA (3.08") rain. ● In 1998, wind gusts reached more than 80 mph in the communities of Platteville and Bagley, WI. Property and crop damage was estimated to be around \$125,000. ● In 1994, one farmstead was completely destroyed while 3 others sustained heavy damage as an F3 tornado tracked intermittently across Howard and Winneshiek Counties in northeast Iowa, from just west of Schley to 7 miles north of Decorah. Numerous farm buildings were flattened. This same storm produced a wind gust of 98 mph in Cresco and caused over \$500,000 in damage. It was one of the worst storms to ever hit Cresco. An F2 tornado crossed primarily open farm land, but did destroy a few farm buildings just northwest of Schley, IA. An F1 tornado moved east across Allamakee County, IA from 2 ½ miles west northwest of Waukon to 2 miles south of Churchtown. There were numerous reports of barns and sheds being damaged or destroyed. Trees and power lines were also knocked down. Also, an F1 tornado did significant damage to a farmstead just west of Elma, IA. Finally, F0 tornadoes touched down briefly 7 miles southwest of Decorah, IA, 6 miles north northeast of New Hampton, IA, and 3 miles northeast of Alta Vista, IA. ● In 1986, Jump River, WI (3.48") rain. ● In 1983, an F1 tornado hit a farm 7 miles south of Thorp, WI ripping the top off a barn and cutting a silo in half. Also destroyed were a chicken shed, pig house, heifer shed, and farm machinery. ● In 1980, baseball size hail (2.75") fell in Fillmore County, MN and an F2 tornado touched down in Adams County, WI. ● In 1964, Charles City, IA (3.67") rain. ● In 1963, Oelwein, IA (4.63", wettest July day) and Osage, IA (3.41") rain. |
| <p>July 20</p> | <ul style="list-style-type: none"> ● In 1999, an F1 tornado touched down during the afternoon just north of Nashua, IA and caused extensive damage to two farms, including a blown down silo, several damaged barns and outbuildings, sheared trees, and damaged crops. Rain amounts on this day: Osage, IA (5.00"), Waukon, IA (3.64"), Oelwein, IA (3.51"), Lansing, IA (3.41"), Hokah, MN (3.06"). ● In 1998, 3" hail fell in Lime Springs, IA. The hail caused over \$100,000 in both property and crop damage. This same cluster of storms also produced wind gusts in excess of 90 mph in Mt. Sterling, WI. A total of \$130,000 worth of damage was estimated for this county. The city of Winona, MN also had wind gusts up to 85 mph on this day. ● In 1997, thin F0 tornadoes ("landspouts") touched down briefly 2 miles southwest of Dodge Center and 8 miles west of Byron in Dodge County, MN. Also, an F0 tornado damaged a home west of Cresco, IA. ● In 1994, New Hampton, IA (4.70") rain. ● In 1980, Hillsboro, WI (3.16", wettest July day) rain. ● In 1970, Alma, WI (43, coldest July temperature). ● In 1966, Owen, WI (35, coldest July temperature). ● In 1951, Alma, WI (4.08") and Dodge Center, MN (3.16") rain. ● In 1952, West Salem, WI (4.46") and Richland Center, WI (3.56") rain. ● In 1912, Mauston, WI (3.75", wettest July day) and La Crosse, WI (2.38") rain. |

July 21

- In 1999, the Cedar River in Charles City, IA reached its all-time crest of an estimated 22.8 feet. Approximately 100 homes had flood damage in Charles City. Elsewhere across Chickasaw and Floyd Counties, nearly every creek, stream and river was at bankfull and flooding. Many roads were impassible. Almost 12" of rain fell in a 48 hour period over these counties. Rain amounts on this day: New Hampton, IA (7.10", wettest day on record), Charles City, IA (6.65"), West Union, IA (4.00"), Richland Center, WI (3.73"), Waucoma, IA (3.70"), Spillville, IA (3.15"), Necedah, WI (3.12").
 - In 1991, torrential rains fell during the evening hours over the town of Stockton in Winona County, MN, about 4 miles southwest of Winona. The headwaters of Garvin Brook and the drainage area of Stockton Valley Creek received about 5.5" of rain between 6 and 7 PM. This is about 1.9 times the 100-year, 1-hour rainfall of 2.9 inches for that area. Damages from this flash flood included 3 homes destroyed and 112 damaged, amounting to about \$1.5 million in damage.
 - In 1983, Alma, WI (100, warmest July temperature).
 - In 1982, Mondovi, WI (3.43") rain.
 - In 1980, Viroqua, WI (3.10") rain.
 - In 1978, Ontario, WI (3.40") and Viroqua, WI (3.25") rain.
 - In 1951, heavy rains on this day caused one of the worst floods to affect the Kickapoo River Valley in Wisconsin. Soldiers Grove was hit by a 5 foot wall of water that caused severe damage to the town and contributed to it's decline over time. At Steuben the peak flow (10,300 cfs) is the 4th highest on record. Flooding was also severe in southeast Minnesota. The Zumbro River at Zumbro Falls, MN had its highest recorded stage and discharge, at 30.8 feet and 35,900 cfs on the 22nd. The crest on the South Fork Zumbro at Rochester, MN was also among the highest (4th since 1951) on record. Flood impacts were severe in the city of Rochester, with widespread residential and business district flooding. Rain amounts on this day:
In MN: Caledonia, MN (6.60", wettest day on record), Hokah (4.43"), Rushford (4.30", wettest July day), Theilman (4.25"), Lake City (3.54"), Minnesota City (3.50"), Winona (3.46"), La Crescent (3.30"), Rochester (3.18"), Elgin (3.05").
In WI: Viroqua (8.30"), Genoa (6.13", wettest day on record), La Farge (5.50", wettest day on record), Richland Center (3.85"), La Crosse (3.78"), Coon Valley (3.63"), Trempealeau (3.20"), Mauston (3.09"), Cashton (3.00").
 - In 1949, Richland Center, WI (3.15") rain.
 - In 1945, Rochester, MN (2.02") rain.
 - In 1907, Viroqua, WI (6.83"), La Crosse, WI (4.48"), Hillsboro, WI (3.70", wettest July day), Mauston, WI (3.44") rain.
 - In 1901, Charles City, IA (108) and Caledonia, MN (103) had their warmest day on record.
 - In 1883, an F4 tornado moved east northeast from 4 miles southeast of Dodge Center, MN to just south of Kasson and passing 1 mile north of Byron, MN. The tornado turned to the north and dissipated after passing southeast of Douglas. About 20 homes, 30 barns, and three schools were damaged or destroyed. Three people were killed as two of "the finest homes in the county" were leveled in Dodge County. A half dozen farms had "not a wall left standing." The damage may have been from two parallel tracks. Also on this date, an F2 tornado moved northeast through Olmsted and Wabasha Counties, MN. The hardest hit area was the town of Elgin where there was \$60,000 damage. About 20 homes and 8 businesses were torn apart. Every building in town was damaged to some degree. This tornado caused 1 death and 8 injuries.
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| July 22 | <ul style="list-style-type: none"> ● In 1991, Wabasha, MN (3.28") rain. ● In 1967, an F2 tornado destroyed 3 barns and 16 cattle were killed at Spokeville, WI (Clark County). It also hit Marshfield, WI where it destroyed buildings and trailers and it caused 2 injuries. ● In 1947, La Crosse, WI (41, coldest July temperature). ● In 1942, Alma, WI (5.91", wettest day on record). ● In 1917, Viroqua, WI (8.57", wettest day on record) and Sparta, WI (3.00") rain. ● In 1907, Mather, WI (3.91") rain. ● In 1901, Prairie du Chien, WI (110, warmest day on record). ● In 1884, a tornado occurred in Trempealeau County, WI shortly after noon. |
| July 23 | <ul style="list-style-type: none"> ● In 1987, Lake City, MN (4.00") rain. ● In 1973, an F0 tornado was reported during the late evening in Fillmore County, MN. ● In 1968, Cresco, IA (3.00") rain. ● In 1965, an F1 tornado occurred in City Point, WI. It caused no injuries or deaths. ● In 1950, Hatfield, WI (3.54") rain. ● In 1853, a tornado occurred in Monroe County, WI. |
| July 24 | <ul style="list-style-type: none"> ● In 1987, Zumbro Falls, MN (4.80") and Theilman, MN (3.15") rain. ● In 1973, Elgin, MN (3.36") rain. ● In 1901, Elkader, IA (111), Fayette, IA (110), and Neillsville, WI (106) had their warmest day on record. ● In 1875, a weak F1 tornado moved southeast across the city of La Crosse, WI. Many homes had roof damage. A circus tent was torn apart with some injuries during the ensuing panic. |
| July 25 | <ul style="list-style-type: none"> ● In 1997, Lanesboro, MN (3.04") rain. ● In 1985, Soldiers Grove, WI (5.45", wettest day on record) and Fayette, IA (4.03") rain. ● In 1982, a small F1 tornado moved from north to south in Irving Township, WI (Jackson County), extending from County Road X to County Road H. |
| July 26 | <ul style="list-style-type: none"> ● In 2000, an F0 tornado briefly touched down causing minor damage to a home just northwest of Chaseburg, WI and knocking down nearby trees and corn. ● In 1999, Jump River, WI (3.84") and Elgin, MN (3.01") rain. ● In 1972, Cashton, WI (3.27") rain. ● In 1934, Hillsboro, WI (3.55") rain. ● In 1953, Elkader, IA (5.49"), Elgin, MN (4.60"), Guttenberg, IA (4.04"), Goodrich, WI (3.50"), and Medford, WI (3.20") rain. ● In 1949, Rochester, MN (5.24") rain. ● In 1944, Elkader, IA (3.80") rain. ● In 1940, Lancaster, WI (6.17", wettest day on record). Other rain amounts in IA: Elkader (6.67", wettest day on record), Charles City (6.66", wettest day on record), New Hampton (6.36"), Postville (6.15", wettest day on record), Oelwein (4.55"), Fayette (4.99", wettest July day). ● In 1918, Postville, IA (3.10") rain. |

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| <p>July 27</p> | <ul style="list-style-type: none"> ● In 1995, an F2 tornado touched down in Adams, MN and moved northeast touching down several times. Several buildings were damaged or destroyed. Many trees were uprooted. A church in Adams lost its steeple and bell tower. ● In 1993, there was a brief touchdown of an F0 tornado 4 miles north of Altura, MN in a cornfield. It cut a swath 1/8 mile by 50 feet wide near a farm home. The tornado ripped shingles and a large door from a building. ● In 1990, Charles City, IA (3.84") and Marble Rock, IA (3.50", wettest July day) rain. ● In 1987, La Crosse, WI (5.24", wettest day on record) and Hokah, MN (4.10") rain. ● In 1986, Winona, MN (3.25") rain. ● In 1966, Curtiss, WI (3.15") rain. ● In 1957, Decorah, IA (3.46") rain. ● In 1955, Platteville, WI (102, warmest July temperature). ● In 1947, Mondovi, WI (3.80", wettest July day) rain. ● In 1940, Prairie du Chien, WI (5.46", wettest day on record), Guttenberg, IA (3.68"), and Platteville, WI (3.42") rain. ● In 1935, an F2 tornado moved northeast from 2 miles south of Chatfield, MN to 3 miles north of Lewiston, MN. It was accompanied by a 5 mile wide downburst. Every home was damaged at Utica and barns were swept away on at least 4 farms. Wind-related damage totaled \$350,000, with flooding also causing damage. The tornado also caused 8 injuries. Rochester, MN (2.37") rain. |
| <p>July 28</p> | <ul style="list-style-type: none"> ● In 1997, Fayette, IA (3.31") rain. ● In 1995, Platteville, WI (3.03") rain. ● In 1990, Caledonia, MN (3.82") rain. ● In 1987, Galesville, WI (4.25", wettest July day), La Crescent, MN (3.70"), and Lynxville, WI (3.12") rain. ● In 1976, Elgin, MN (4.92"), Lancaster, WI (4.24"), Guttenberg, IA (3.56"), Fayette, IA (3.44"), Oelwein, IA (3.30"), and Elkader, IA (3.21") rain. ● In 1970, Dorchester, IA (3.36") and Cresco, IA (3.00") rain. ● In 1964, 80 mph thunderstorm wind gusts were reported in Juneau County, WI. Grand Meadow, MN (3.90") and La Crescent, MN (3.15") rain. |
| <p>July 29</p> | <ul style="list-style-type: none"> ● In 1987, an F2 tornado moved through mainly rural areas along the Winneshiek-Allamakee County, IA line until it hit a lumber yard south of Waukon. There it destroyed 2 buildings and threw 2x4 boards through the walls of others. Damage at the lumberyard alone was around \$250,000. ● In 1973, near 100 mph thunderstorm wind gusts (98 mph) blew through Wabasha County, MN during the morning. ● In 1970, Decorah, IA (6.08", wettest July day), Waukon, IA (4.05"), Lansing, IA (3.77"), Elkader, IA (3.70"), and Charles City, IA (3.02") rain. ● In 1952, Platteville, WI (42, coldest July temperature). ● In 1948, two farms were hit, and one barn destroyed east of Lancaster, WI as an F2 tornado moved northeast across Grant County. One man was killed in the barn and another was injured. Total damage estimates were \$25,000. Another tornado moved through La Crosse County, WI around 6:30 PM. It caused no injuries or deaths. ● In 1926, Fayette, IA (3.05") rain. |

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| <p>July 30</p> | <ul style="list-style-type: none"> ● In 2002, a line of severe thunderstorms tracked across southeast Minnesota and into Wisconsin and produced widespread damaging winds. Wind gusts were measured at 70 mph in Rochester, MN and up to 80 mph in central Wisconsin. Some buildings sustained damaged in Abbotsford, WI and a mobile home park was heavily damaged near the town of New Rome, WI. ● In 1994, High Forest, MN reported 2.75" hail. ● In 1988, Theilman, MN (103, warmest July temperature). ● In 1987, Lancaster, WI (3.17") rain. ● In 1979, Fayette, IA (3.33") rain. ● In 1977, an F3 tornado tracked east and northeast from just northwest of Cornell, WI, to near Jump River, WI, and lifted in Rusk County. A man was killed south of Holcombe when a car was lifted, then dropped 70 yards off Hwy 27 "into a crumpled ball." His body was found 385 feet from the car. Five homes near Cornell were destroyed and 25 were damaged. Total estimated damage costs were \$800,000. All injuries and deaths occurred in Chippewa County. ● In 1980, Lynxville, WI (46, coldest July temperature). ● In 1959, Dodge Center, MN (4.84", wettest day on record) rain. ● In 1955, Blair, WI (3.36") rain. ● In 1950, Zumbro Falls, MN (3.07") rain. ● In 1938, Rochester, MN (2.06") rain. ● In 1899, Medford, WI (34), Charles City, IA (39), and Osage, IA (42) had their coldest July temperatures. ● In 1888, a tornado occurred in Trempealeau County, WI around 6 PM. |
| <p>July 31</p> | <ul style="list-style-type: none"> ● In 1999, Lansing, IA (3.35") rain. ● In 1994, two farms were hit by an F1 tornado west of Stacyville, IA. The first farmstead had several buildings destroyed, while the second farm sustained building damage. ● In 1988, Oelwein, IA (103, ties August 17, 1988 for warmest temperature on record). ● In 1972, Preston, MN (3.58") and Harmony, MN (3.25") rain. ● In 1961, Waucoma, IA (6.55", wettest day on record), New Hampton, IA (4.74"), Fayette, IA (4.00"), and Austin, MN (3.75") rain. ● In 1956, Osage, IA (3.70") rain. ● In 1955, Cresco, IA (102, warmest day on record). ● In 1950, Lansing, IA (3.26") rain. ● In 1921, New Hampton, IA (41, coldest July temperature). ● In 1897, Wabasha, MN (3.44") rain. |

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| August 1 | <ul style="list-style-type: none"> ● In 1988, the following locations had their warmest August temperature: La Crosse, WI (105), Necedah, WI (105, also warmest day on record), Dodge, WI (104, also warmest day on record), Hatfield, WI (104), Theilman, MN (104, also warmest day on record), Caledonia, MN (102). ● In 1967, a weak F0 tornado touched down in Dodge County, MN and an F1 occurred in Ithaca, WI. Neither tornado caused any injuries or deaths. ● In 1953, Mauston, WI (3.78") rain. ● In 1935, La Crosse, WI (3.04") rain. ● In 1931, Rochester, MN (3.27") wettest August day. ● In 1928, Grand Meadow, MN (3.04") rain. ● In 1888, a tornado occurred around 11 PM in Trempealeau County, WI. |
| August 2 | <ul style="list-style-type: none"> ● In 2001, in WI: Owen (3.35"), Hillsboro (3.33"), Medford (3.15") rain. ● In 1988, Sparta, WI (102, warmest August temperature). ● In 1981, Fayette, IA (5.28", wettest August day), Prairie du Chien, WI (4.70"), Elkader, IA (4.36", wettest August day), and Lancaster, WI (4.05") rain. ● In 1980, an F1 tornado occurred during the early morning in Howard County, IA. ● In 1964, Preston, MN (101, tied July 18, 1964 for warmest day on record) and Jump River, WI (100, warmest day on record). ● In 1963, a 98 mph wind gust was reported in La Crosse County, WI. ● In 1953, Lansing, IA (3.76") rain. ● In 1935, La Crosse, WI (3.04") and Cresco, IA (3.00") rain. ● In 1884, an F2 tornado moved northeast from 3 miles southwest of Cazenovia, WI to near Ironton, WI. Ten buildings were unroofed or destroyed in Cazenovia and another ten on farms northeast of that town. The tornado dissipated by the time it reached Ironton. Twenty horses and cattle were killed. |
| August 3 | <ul style="list-style-type: none"> ● In 1988, Elkader, IA (106, warmest August temperature). ● In 1964, Owen, WI (101, warmest day on record). ● In 1960, Olmsted County, MN reported 80 mph thunderstorm wind gusts. ● In 1959, Caledonia, MN (4.02"), Genoa, WI (3.68"), Prairie du Chien, WI (3.36"), Lansing, IA (3.28"), and Viroqua, WI (3.20") rain. ● In 1956, Jump River, WI (3.21") rain. ● In 1952, Medford, WI (3.43") rain. ● In 1930, the following locations had their warmest August temperature: Fayette, IA (104), Lancaster, WI (103), Grand Meadow, MN (102), and Rochester, MN (100, tying the warmest August temperature with several other dates: August 4, 1947, August 15, 1936, August 23, 1948, and August 24, 1948). ● In 1924, Viroqua, WI (3.60") and La Crosse, WI (2.95") rain. ● In 1908, Richland Center, WI (102, warmest August temperature). |

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| <p>August 4</p> | <ul style="list-style-type: none"> ● In 1990, Westby, WI (4.37", wettest August day) and Ontario, WI (3.03") rain. ● In 1982, Muscoda, WI (5.33", wettest day on record), Soldiers Grove, WI (3.76"), and Dorchester, IA (3.45") rain. ● In 1979, three F1 tornadoes touched down during the early morning in Winneshiek County, IA. Two of these tornadoes caused an injury. ● In 1961, an F2 tornado touched down in Austin, MN destroying garages, unroofing one home, and damaging many more. It also caused 2 injuries. In addition to the tornado, baseball size hail (2.75") was reported in Floyd County, IA. Rochester, MN (2.30") rain. ● In 1947, Rochester MN (100, tying the warmest August temperature with several other dates: August 3, 1930, August 15, 1936, August 23, 1948, and August 24, 1948) and Waukon, IA (99). ● In 1924, New Hampton, IA (3.54") and Charles City, IA (3.48") rain. ● In 1916, La Crosse, WI (2.93") rain. ● In 1897, Cresco, IA (3.06") rain. ● In 1896, Medford, WI (100, warmest August temperature). ● In 1888, a tornado occurred in Trempealeau County, WI around 9:40 PM. |
| <p>August 5</p> | <ul style="list-style-type: none"> ● In 1998, Prairie du Chien, WI (3.88") rain. ● In 1955, Goodrich, WI (3.10", wettest August day) rain. ● In 1945, Austin, MN (3.49"), Decorah, IA (3.25"), and Cresco, IA (3.10") rain. ● In 1935, La Crosse, WI (2.61") rain. ● In 1916, Hillsboro, WI (3.60") and Caledonia, MN (3.05") rain. |
| <p>August 6</p> | <ul style="list-style-type: none"> ● In 1969, Rochester, MN (2.37") rain. ● In 1968, a weak F0 tornado touched down in both Monroe (Norwalk) and Crawford (Ferryville) Counties, WI. Two F0 tornadoes were also reported in Vernon County: one touched down 14 miles southeast of Viroqua, WI and the other one touched down 15 miles northeast of Viroqua. ● In 1951, Lynxville, WI (6.42", wettest day on record), Fennimore, WI (4.86"), Waukon, IA (4.72", wettest August day), Steuben, WI (3.90", wettest August day), Decorah, IA (3.64", wettest August day), and Prairie du Chien, WI (3.11") rain. ● In 1935, Hillsboro, WI (3.90") rain. |
| <p>August 7</p> | <ul style="list-style-type: none"> ● In 1991, Rochester, MN (2.02") rain. ● In 1980, 80 mph wind gusts moved through Olmsted, Houston, Winona and Mower Counties in southeast Minnesota. Necedah, WI (5.00", wettest day on record), Ontario, WI (3.80", wettest August day), and Mather, WI (3.42") rain. ● In 1973, Trempealeau, WI (3.15") rain. ● In 1963, Alma, WI (3.38") and Wabasha, MN (3.30") rain. ● In 1925, Richland Center, WI (3.29", wettest August day) and Postville, IA (3.20") rain. ● In 1924, an F4 tornado moved southeast from south of Osseo, WI to Black River Falls, WI. One person was killed as a home was leveled and a boy was killed running to the storm cellar near the start of the path. Two people died as farm homes were swept away near the northeast edge of Black River Falls. Damage totaled \$200,000 as 50 farms were hit and buildings were unroofed in the town of Northfield. The tornado followed the present route of Interstate 94. |

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| August 8 | <ul style="list-style-type: none"> ● In 1991, Platteville, WI (4.62", wettest August day), Grand Meadow, MN (3.40"), Dorchester, IA (3.30"), Lancaster, WI (3.20"), Hokah, MN (3.17"), Galesville, WI (3.02"), and Readstown, WI (3.00") rain. ● In 1980, in WI: Neillsville (5.00", wettest day on record), Mather (4.06"), Readstown (3.79", wettest August day), Hatfield (3.71"), Hillsboro (3.54"), Westby (3.42"), Sparta (3.25"), Mauston (3.20"), Necedah (3.19", 8.19" total for the 8th and 9th) rain. ● In 1970, Waucoma, IA (3.95"), Elkader, IA (3.70"), and Hokah, MN (3.55", wettest August day) rain. ● In 1942, Rochester, MN (2.94") rain. ● In 1905, an F2 tornado moved east-northeast, damaging or destroying 6 homes in Fillmore County, MN. This tornado tracked into Winona County, MN before dissipating. Also on this date, an F1 tornado touched down near La Crosse, WI, crossing the Mississippi River, and just missed an excursion steamer with 500 people on board. La Crosse (2.06") rain. ● In 1904, Mather, WI (28, coldest August temperature). |
| August 9 | <ul style="list-style-type: none"> ● In 1999, a weak tornado touched down near Rice Lake, MN but damage was limited to fields and a few trees. ● In 1998, Winona, MN (3.40") rain. ● In 1993, an F2 tornado moved east across Chickasaw County, IA from 5 miles west of New Hampton to New Hampton. Several farmsteads were damaged. Two people were injured in their car 5 miles west of New Hampton when it was spun into the air and dropped in the ditch facing the opposite direction. Debris from a nearby building shattered the windows in the car as well. Flooding also closed 21 miles of roads in the county from this storm. ● In 1990, 80 mph thunderstorm wind gusts were reported in Chickasaw County, IA and an F1 tornado did little damage as it moved across farm fields and narrowly missed several farmsteads near Schley, IA. ● In 1984, Lake City, MN (3.05") rain. ● In 1980, Winona, MN (4.10") rain. ● In 1979, an F2 tornado touched down in Hillsboro, WI and it moved east and lifted just south of Wonewoc, WI. A plane was destroyed, and barns and homes were damaged; some were leveled. Marble Rock, IA (3.11") rain. ● In 1949, Oelwein, IA (3.87") rain. ● In 1909, New Hampton, IA (4.30") rain. |
| August 10 | <ul style="list-style-type: none"> ● In 1998, Charles City, IA (6.30"), Minnesota City, MN (3.70", wettest August day), and Rushford, MN (3.20") rain. ● In 1994, Winona, MN (3.00") and Rochester, MN (2.93") rain. ● In 1993, New Hampton, IA (5.20", wettest August day) rain. ● In 1980, in IA: Osage (6.37", wettest day on record), Charles City (6.30", wettest August day), Marble Rock (5.60", wettest day on record), New Hampton (5.00"), Fayette (3.92"), and Waucoma (3.15") rain. ● In 1979, Mauston, WI (3.55") rain. ● In 1974, La Crosse, WI (2.73") rain. |

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| <p>August 11</p> | <ul style="list-style-type: none"> ● In 1994, Genoa, WI (3.79") rain. ● In 1972, an F1 tornado touched down during the evening in Richland County, WI. ● In 1921, Fayette, IA (3.76") rain. ● In 1909, St. Charles, MN (4.45"), West Concord, MN (3.20"), and La Crosse, WI (3.18") rain. ● In 1907, a tornado tracked from near La Crosse, WI eastward (along where Interstate 90 is currently) toward Tomah. Property damage was estimated at \$100,000 and it caused 2 injuries. ● In 1887, a tornado occurred around 4 PM in Richland County, WI. ● In 1863, a tornado occurred during the early morning in New Lisbon, WI. |
| <p>August 12</p> | <ul style="list-style-type: none"> ● In 1985, an F2 tornado set down south of Kendall, WI, destroying a barn and damaging a home before moving northeast into Juneau County. The tornado moved from the countryside into New Lisbon, ripping through a trailer court on the northern edge of town before dissipating on the north edge of Castle Rock Lake. A couple was killed and 22 others were injured in Juneau County. Seventeen of the 35 mobile homes were destroyed while 3 homes and a gasoline station just north of the trailer court were damaged. Numerous trees and power lines were downed, including 100 acres of forest at Buckhorn State Park. Over \$620,000 in damage occurred. This became known as the "New Lisbon Tornado". ● In 1982, Sparta, WI (32, coldest August temperature and earliest freezing temperature). ● In 1909, Rochester, MN (2.04") rain. ● In 1906, Decorah, IA (3.50") rain. |
| <p>August 13</p> | <ul style="list-style-type: none"> ● In 1995, an F0 tornado briefly touch downed 1 mile southwest of Rochester, MN. It caused extensive damage to an office plaza roof, uprooted several large trees, and knocked down power lines. ● In 1964, Oelwein, IA (37, coldest August temperature). ● In 1943, rain amounts on this day: In WI: Prairie du Chien (4.00"), Lancaster (3.50"), Platteville (3.08"). In IA: Postville (4.52"), Osage (3.73"), Cresco (3.62"), Elkader (3.00"). ● In 1911, Grand Meadow, MN (6.41", wettest day on record), Prairie du Chien, WI (4.00"), and Decorah, IA (3.26") rain. ● In 1909, Grand Meadow, MN (3.85") rain. ● In 1907, Osage, IA (37, coldest August temperature). |
| <p>August 14</p> | <ul style="list-style-type: none"> ● In 1995, Black River Falls, WI (5.72", wettest day on record), Blair, WI (5.31"), Mather, WI (3.32"), and Minnesota City, MN (3.27") rain. ● In 1987, Fayette, IA (3.12") rain. ● In 1981, Dodge, WI (3.28") rain. ● In 1971, Hillsboro, WI (3.23") rain. ● In 1964, the following locations recorded their coldest August temperature: Theilman, MN (32, also earliest freezing temperature), Mauston, WI (33), and Caledonia, MN (35). ● In 1909, Mauston, WI (4.65", wettest day on record), Winona, MN (3.42"), Viroqua, WI (3.05"), and La Crosse, WI (2.98") rain. |

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| <p>August 15</p> | <ul style="list-style-type: none"> ● In 2000, Medford, WI (3.75") rain. ● In 1993, slow moving thunderstorms produced torrential rain across Mower County, MN. Rainfall exceeded 4" over most of the county with the highest total of 10.25" at Adams, MN. Significant flooding occurred within the city of Austin, MN, where 1,000 homes suffered water damage. Most of the damage occurred when sewer systems backed up into basements, but several homes suffered flood damage from both the Cedar River and Turtle Creek which flow through the city. The Cedar River in Austin rose rapidly out of its banks through the day. It crested at 21.3 ft (6.3 ft above flood stage) by 7 PM. Up to that time, it was the second highest stage on record for Austin, being surpassed only by the July 17, 1978 flood which crested at 21.9 ft. Turtle Creek crested at 7.7 ft by 4 PM. Several basements were flooded near Granger, MN as the Upper Iowa River overflowed its banks. In excess of 4" of rain fell in a short period of time across southern portions of Fillmore County, MN. Other rainfall totals: Cresco, IA (4.36"), Harmony, MN (4.12"), Decorah, IA (3.43"), Austin, MN (3.10"), Waukon, IA (3.00"). ● In 1944, La Crosse, WI (2.01") rain. ● In 1942, an F2 tornado moved northeast across Washington Township, IA and it caused \$4,000 in damage. ● In 1940, Guttenberg, IA (3.25", wettest August day) rain. ● In 1936, Rochester, MN (100, warmest August temperature and tied with several other dates: August 3, 1930, August 4, 1947, August 23, 1948, and August 24, 1948). |
| <p>August 16</p> | <ul style="list-style-type: none"> ● In 1983, a small (F0) tornado caused extensive damage to a farm and home just east of Christie, WI. An empty silo was leveled and the top of another blown off. The house was tilted. The electric meter, and all but one top story window, was blown out. An outhouse and shed were knocked over. Further down the road, another barn was blown down along with a tree and chopper wagon. ● In 1963, 3" hail fell during the early afternoon over Olmsted County, MN. ● In 1952, Alma, WI (3.75", wettest August day) rain. ● In 1938, Sparta, WI (3.03") rain. ● In 1898, two barns were "blown to pieces" and seven homes were damaged just east of Fairbank, IA by an F2 tornado. ● In 1852, a tornado occurred in Monroe County, WI. |
| <p>August 17</p> | <ul style="list-style-type: none"> ● In 1994, an F0 tornado touched down briefly in an open field just east of Osage, IA. Large hail pelted sections of the county. ● In 1988, the following locations recorded their warmest August temperature: Charles City (104), New Hampton, IA (104), Platteville, WI (103, also warmest day on record), Oelwein, IA (103, tied with July 31, 1988 for warmest day on record), Hillsboro, WI (101, also warmest day on record), Lynxville, WI (101, tied for warmest day with July 7, 1980). ● In 1983, Curtiss, WI (4.16", wettest August day) and Owen, WI (2.18") rain. ● In 1955, Alma, WI (100, warmest August temperature). ● In 1938, Lansing, IA (3.14") rain. ● In 1937, Viroqua, WI (103, warmest August temperature). |
| <p>August 18</p> | <ul style="list-style-type: none"> ● In 2001, cold air funnels were reported by the public and law enforcement officials in Trempealeau County during the evening. One of these funnels actually touched down making it a tornado near Osseo, WI. There were no reports of injuries or damage. ● In 1994, Cresco, IA (3.54") rain. ● In 1990, Hatfield, WI (3.15") and Medford, WI (3.00") rain. ● In 1979, Fayette, IA (3.10") rain. ● In 1976, Fayette, IA (3.59") rain. ● In 1918, Charles City, IA (3.59") rain. |

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| <p>August 19</p> | <ul style="list-style-type: none"> ● In 1999, Lanesboro, MN (3.62", wettest August day) rain. ● In 1996, a small F0 tornado was reported by law enforcement and the public just north of Davis Corners, IA. It moved across open fields for several hundred yards, flattening corn, but did not hit any buildings. ● In 1995, Mather, WI (3.63") rain. ● In 1994, a hail storm dropped baseball sized hail (2.75") 5 miles south of Randalia in Fayette County, IA, causing \$50,000 in property damage and \$500,000 in crop damage. ● In 1990, Platteville, WI (3.52"), Lanesboro, MN (3.12"), and Rochester, MN (2.16") rain. ● In 1980, an F1 tornado touched down during the early morning in Grant County, WI. Preston, MN (3.31") rain. ● In 1972, Winona, MN (4.22", wettest August day) rain. ● In 1961, Winona, MN (3.21") rain. ● In 1926, Chatfield, MN (5.17") rain. ● In 1924, Grand Meadow, MN (3.54") rain. ● In 1918, Fayette, IA (3.14") rain. ● In 1912, Prairie du Chien, WI (3.70") and Fayette, IA (3.48") rain. ● In 1907, Caledonia, MN (6.50", wettest August day) and Grand Meadow, MN (3.70") rain. ● In 1889, St. Charles, MN (3.00") rain. |
| <p>August 20</p> | <ul style="list-style-type: none"> ● In 1968, Blair, WI (3.58") rain. ● In 1952, Mather, WI (3.66") rain. ● In 1950, the following WI locations recorded their coldest August temperature: Owen (28), Blair (33), Platteville (38), Trempealeau (40), Alma (42), and Lynxville (44). Cresco, IA (34) also recorded their coldest August temperature. ● In 1939, Neillsville, WI (3.87") and La Crosse, WI (3.03") rain. ● In 1928, an F4 tornado initially touched down in Winnebago County, IA, moved through Freeborn County, MN, and hit the south side of Austin, MN. About \$600,000 of the \$1 million in total loses was to about 100 homes in Austin (estimated F3 damage). Five of the 6 deaths were in Austin and there were 60 injuries. Later in the day, an F3 tornado moved from 3 miles north of New Amsterdam, WI to 2 miles south of West Salem, WI. Three farm homes and five barns were destroyed. Many cattle were also killed. Damage was estimated at \$60,000. The tornado caused 3 injuries. Mondovi, WI (3.04") rain. ● In 1926, Hillsboro, WI (3.95"), Neillsville, WI (3.40"), and Hatfield, WI (3.25") rain. ● In 1920, New Hampton, IA (3.78") rain. ● In 1916, Prairie du Chien, WI (104, warmest August temperature). ● In 1907, Decorah, IA (3.25") rain. |

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| August 21 | <ul style="list-style-type: none"> ● In 1979, Rochester, MN (2.09") rain. ● In 1966, Lancaster, WI (4.50") and Oelwein, IA (4.44") rain. ● In 1955, the following locations recorded their warmest August temperature: Decorah, IA (104, also warmest temperature on record), Mauston, WI (102), Osage, IA (102), Cresco, IA (101), and Genoa, WI (100). ● In 1950, Prairie du Chien, WI (3.47") rain. ● In 1936, Neillsville, WI (3.25") rain. ● In 1926, Mather, WI (4.13") rain. ● In 1883, an F5 tornado moved east northeast from 4 miles northwest of Hayfield, MN passing through and devastating Rochester, MN. At least 10 of the 40 farms hit in Dodge County, MN were leveled and at least 5 people were killed. Over 135 homes were destroyed and another 200 damaged (mostly on the north side of town). Many of the injuries were very serious and other deaths probably occurred, but are not listed in the total. The tornado derailed a train causing many injuries. At least one crew member was killed. This tornado was a large factor in the subsequent development of the Mayo Clinic in Rochester. Total damage was estimated at \$700,000. In addition to this tornado, an F2 tornado moved northeast through Pleasant Grove (10 miles south of Rochester). It hit two hours before the major event to the north (tornado listed prior to this one). Most of the damage occurred on four farms and at least one was completely destroyed. It caused 2 deaths and 10 injuries. An F3 tornado moved east northeast from 2 miles north of St. Charles, MN to 4 miles north of Lewiston. One man was killed in the destruction of a farm house 4 miles northeast of St. Charles. Seventeen people were injured in another farm house. This was 3 hours after the Rochester tornado. Also, around noon on this date, another tornado moved through central Wisconsin (Clark and Wood Counties). |
| August 22 | <ul style="list-style-type: none"> ● In 2001, Ontario, WI (3.25") rain. ● In 1979, Lanesboro, MN (3.44"), Grand Meadow, MN (3.16"), and Theilman, MN (3.02") rain. ● In 1975, Lancaster, WI (3.96"), Platteville, WI (3.42"), and Waucoma, IA (3.07") rain. ● In 1973, La Crosse, WI (2.84") and Rochester, MN (2.43") rain. ● In 1959, Charles City, IA (3.35"), Osage, IA (3.31"), and Austin, MN (3.14") rain. ● In 1884, an F2 tornado moved southeast destroying five homes and several barns east of Ball Center, WI around 6:20 PM. It caused 6 injuries. Earlier that afternoon (4:30 PM), a tornado occurred in Buffalo County, WI. |

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| August 23 | <ul style="list-style-type: none"> ● In 1998, Wabasha, MN (3.87") and Blair, WI (3.10") rain. ● In 1997, an F1 tornado damaged seven farms, destroying numerous grain bins and outbuildings 5 miles southwest and south of Charles City, IA. Eight cattle were also killed by downed power lines. Also, a brief F0 tornado touchdown heavily damaged a farm house just northwest of Caledonia, MN. Boards were blown through a bedroom wall and glass debris was strewn throughout the house. ● In 1975, in WI: Blair (6.08", wettest day on record), Mather (5.55", wettest day on record), Mondovi (5.04", wettest August day), Hatfield (4.19", wettest August day) rain. ● In 1973, La Crescent, MN (3.61", wettest August day), Theilman, MN (3.60"), Sparta, WI (3.45"), Blair, WI (3.43"), Lake City, MN (3.15"), and Trempealeau, WI (3.10") rain. ● In 1962, and Jump River, WI (3.10") rain. ● In 1954, Osage, IA (5.10"), Cresco, IA (3.25"), and Preston, MN (3.11") rain. ● In 1948, the following locations recorded their warmest August temperature: Blair, WI (105, tied for warmest day with July 14, 1995), Trempealeau, WI (101), Rochester MN (100, tied for warmest August temperature with several other dates: August 3, 1930, August 4, 1947, August 15, 1936, and August 24, 1948), Austin, MN (99). ● In 1938, an F2 tornado touched down briefly 4 miles south of New Lisbon, WI and it destroyed 3 barns and 2 garages. Mather, WI (3.05") rain. ● In 1928, Prairie du Chien, WI (4.74", wettest August day), Decorah, IA (4.46"), Osage, IA (4.42"), and Cuba City, WI (3.98", wettest August day) rain. ● In 1899, Postville, IA (3.70") rain. |
| August 24 | <ul style="list-style-type: none"> ● In 1978, Jump River, WI (3.21") and Hatfield, WI (3.11") rain. ● In 1977, Jump River, WI (24, coldest August temperature). ● In 1975, an F0 tornado occurred during the evening in Floyd County, IA. Viroqua, WI (3.56") rain. ● In 1962, Platteville, WI (3.02") rain. ● In 1948, the following locations recorded their warmest August temperature: Mather, WI (107, also warmest day on record), Mondovi, WI (104), Winona, MN (103), Rochester MN (100, also tying their warmest August temperature with several other dates: August 3, 1930, August 4, 1947, August 15, 1936, and August 23, 1948). ● In 1927, Mondovi, WI (33, coldest August temperature). |
| August 25 | <ul style="list-style-type: none"> ● In 1990, in IA: Cresco (5.24"), Waucoma (3.95"), Waukon (3.70"), Elkader (3.30"), Decorah (3.07") rain. ● In 1983, rain amounts on this day: In IA: Lansing (3.85"), Waukon (3.78"), Decorah (3.34"), Dorchester (3.20"). In MN: Preston (4.70"), Lanesboro (3.45"), Grand Meadow (3.30"), Harmony (3.20"), Rochester (2.69"). In WI: Lynxville (5.00"), Muscoda (3.51"). ● In 1965, an F2 tornado destroyed barns as it moved southeast across Winneshiek County, IA from Ridgeway to 2 miles north of Ossian. This same storm also produced 3.5" diameter hail in Winneshiek County. An F2 tornado occurred in Clayton County, IA. Finally, an F1 tornado was reported in both Houston County, MN and Howard County, IA. ● In 1958, Austin, MN (34), Decorah, IA (35), and Genoa, WI (41) recorded their coldest August temperature. ● In 1948, Neillsville, WI (103, warmest August temperature). ● In 1940, Osage, IA (5.75") and Decorah, IA (4.40") rain. |

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| August 26 | <ul style="list-style-type: none"> ● In 2000, Rochester, MN (2.15") rain. ● In 1990, thunderstorm wind gusts of 90 mph blew through Clark County, WI. ● In 1986, Austin, MN (3.30"), Harmony, MN (3.19"), and Dorchester, IA (3.00") rain. ● In 1981, Lancaster, WI (3.57") rain. ● In 1972, Viroqua, WI (4.87", wettest August day) rain. ● In 1880, an F2 tornado moved east northeast from the east edge of Dodge Center, MN to Kalmar Township, MN. Twenty buildings were destroyed on nine farms. |
| August 27 | <ul style="list-style-type: none"> ● In 1994, an F3 tornado rolled through the town of Big Flats, WI and caused \$1 million in damage. An 80 year old man and his 78 year old wife died when the tornado destroyed their home in Big Flats. Twenty four homes were destroyed, 8 suffered major damage, and 160 had light to moderate damage. In addition, the Big Flats Fire Department and town hall were destroyed, as well as a thrift shop. Seventy cows were crushed to death in one barn as the walls blew out and the upper floor, filled with 16,000 bales of hay, and the roof collapsed. This tornado became known as the "Big Flats Tornado". In addition to this tornado, two other F1 tornadoes touched down on this date. The first touched down just south of Lyndon Station, WI and then moved southeast for just over 5 miles. This tornado damaged 8 mobile homes and plowed through a campground where 2 trailers were hit. Considerable tree damage also occurred. Three injuries were caused by this tornado. The second F1 tornado briefly touched down in a field causing some crop damage just southeast of Plainville, WI. ● In 1981, Caledonia, MN (3.13") rain. ● In 1964, an F2 tornado touched down during the late evening in Floyd County, IA. ● In 1960, an F1 tornado touched down briefly during the evening 3 miles north of Medford, WI. Preston, MN (3.16") rain. ● In 1959, in WI: Genoa (4.75", wettest August day), La Crosse, WI (4.23", wettest August day), Hillsboro (4.15", wettest August day), Westby (4.08"), Mather (3.76"), Viroqua (3.75") rain. ● In 1931, New Hampton, IA (3.22") rain. ● In 1903, Postville, IA (3.40") and Grand Meadow, MN (3.00") rain. ● In 1896, Prairie du Chien (35, coldest August temperature). |
| August 28 | <ul style="list-style-type: none"> ● In 1986, Viroqua, WI (32), Richland Center, WI (33), and Guttenberg, IA (40) recorded their coldest August temperature. ● In 1981, an F0 tornado touched down during the afternoon in Chickasaw County, IA. ● In 1979, Rochester, MN (2.19") rain. ● In 1966, Jump River, WI (3.30") rain. ● In 1964, a weak F2 tornado touched down in Wabasha County, MN. ● In 1960, an F2 tornado leveled a barn 8 miles north of Sparta, WI. ● In 1956, Osage, IA (3.15") rain. ● In 1948, Guttenberg, IA (103, warmest day on record). |
| August 29 | <ul style="list-style-type: none"> ● In 1995, Fayette, IA (3.27") rain. ● In 1992, an F1 tornado touched down a couple miles east of Big Flats, WI. It toppled trees and destroyed a 24x30 ft building. This was the same severe weather episode that led to the Wautoma, WI tornado. ● In 1981, Waucoma, IA (3.12") rain. ● In 1979, an F1 tornado caused an injury in Juneau County, WI. Oelwein, IA (3.34") rain. ● In 1975, Dodge, WI (3.46", wettest August day) rain. ● In 1965, Necedah, WI (28, coldest August temperature). ● In 1960, Trempealeau, WI (3.79", wettest August day), Lanesboro, MN (3.50"), Galesville, WI (3.00") rain. ● In 1947, Austin, MN (4.55", wettest August day). |

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| August 30 | <ul style="list-style-type: none"> ● In 1993, Wabasha, MN (3.31") and Theilman, MN (3.12") rain. ● In 1983, Jump River, WI (4.84", wettest day on record) and Medford, WI (3.00") rain. ● In 1982, Cresco, IA (3.47") rain. ● In 1974, a weak F0 tornado touched down during the late afternoon in Monroe County, WI. ● In 1962, Austin, MN (3.12") rain. ● In 1931, Medford, WI (30, coldest August temperature). ● In 1915, each of these locations had its coldest August temperature: Neillsville, WI (31), Rochester, MN (32, also earliest first occurrence of freezing temperatures), Fayette, IA (33), Winona, MN (33), Charles City, IA (34), Grand Meadow, MN (34), Lancaster, WI (34), La Crosse, WI (35), New Hampton, IA (35). Wabasha, MN (4.90") rain. ● In 1893, Elkader, IA (30, Iowa record for coldest August temperature). This was later tied by Mason City on August 30, 1915 and Britt and Sibley on August 20, 1950. |
| August 31 | <ul style="list-style-type: none"> ● In 1989, Hillsboro, WI (3.20") rain. ● In 1981, Oelwein, IA (6.38", wettest August day) rain. ● In 1967, Preston, MN (30, coldest August temperature). ● In 1962, rain amounts on this day: In IA: Cresco (6.20", wettest day on record), Osage (5.74"), Dorchester (4.40"), Charles City (3.76"), Decorah (3.62"), Waucoma (3.40"), Lansing (3.23"), Waukon (3.08"). In MN: Grand Meadow (5.15"), Theilman (5.05", wettest August day), Wabasha (4.37"), Harmony (4.26", wettest August day), Caledonia (3.82"), Elgin (3.62", wettest August day), La Crescent (3.42"), Lanesboro (3.40"), Lake City (3.38"), Preston (3.16"). In WI: Mondovi (3.35"), Blair (3.28"), Alma (3.27"), Sparta (3.21"), Genoa (3.15"), Galesville (3.15", wettest August day), Trempealeau (3.15"). ● In 1941, Medford, WI (3.39") rain. ● In 1938, Medford, WI (4.14", wettest August day) rain. ● In 1931, Neillsville, WI (3.50") and Mondovi, WI (3.15") rain. |

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| September 1 | <ul style="list-style-type: none"> ● In 1989, Waucoma, IA (4.91") rain. ● In 1969, Caledonia, MN (3.22") rain. ● In 1953, Platteville, WI (100, warmest September temperature). ● In 1931, Prairie du Chien, WI (3.04") rain. ● In 1913, Grand Meadow, MN (100, warmest September temperature). ● In 1897, Postville, IA (3.12") rain. |
| September 2 | <ul style="list-style-type: none"> ● In 2002, a tornado touched down about a mile northwest of Gilman, WI and moved southeast into the village a couple minutes later. A few trees and homes were lightly damaged before the tornado hit the Gilman school. The roof was blown off the school gymnasium, where the high school football team had been seeking cover a minute before moving into the hallways and interior rooms. Debris was blown from the school onto the nearby football field and into homes east of Gilman. The tornado kept tracking southeast into the Chequamegon National Forest, producing occasional house damage and knocking down hundreds of trees. The worst damage was found near the end of the path, along Sawyer Ave. west of Medford, WI where the top of a two story house was sheared off. There were no reports of deaths or injuries. This was the first confirmed tornado in Taylor County, WI since 1977. This was the same day as the Ladysmith Tornado. ● In 1966, Theilman, MN (3.10") rain. ● In 1964, in WI: Jump River (4.74", wettest September day), Curtiss (4.70", wettest day on record), Owen (4.02"), Medford (3.95") rain. ● In 1961, an F2 tornado occurred during the late evening in Howard County, IA. ● In 1898, Medford, WI (99, warmest September temperature). |
| September 3 | <ul style="list-style-type: none"> ● In 1964, an F2 tornado moved east through Richland County, WI affecting the communities of Excelsior, Richmond, Eagle, Orion, and Sextonville. It destroyed all barns on two farms. Only the houses were left standing. Four people were injured. ● In 1961, a weak tornado touched down briefly 5 miles west of Thorp, WI. This was the second of a family of four small tornadoes which touched down briefly between Glenwood and Athens. ● In 1941, an F2 tornado formed east of Millville, IA and lifted water 60 feet in the air when crossing into Wisconsin. It caused an injury in Grant County, WI. |
| September 4 | <ul style="list-style-type: none"> ● In 1968, Preston, MN (3.28") rain. ● In 1941, Neillsville, WI (3.00") rain. ● In 1939, Mauston, WI (3.00") rain. ● In 1921, Hillsboro, WI (3.00") rain. |
| September 5 | <ul style="list-style-type: none"> ● In 1985, thunderstorm produced wind gusts up to 85 mph were reported in Fayette County, IA. Osage, IA (4.39"), Waukon, IA (3.76", wettest September day), and Decorah, IA (3.20") rain. ● In 1946, Austin, MN (3.72") and Rochester, MN (2.39") rain. ● In 1938, a streak of 10 consecutive days with measurable rainfall for La Crosse, WI began on this day. The streak ran through September 14th, with a total of 6.89" falling during the period. Osage, IA (4.03") rain. ● In 1913, Osage, IA (101, warmest September temperature). |

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| <p>September 6</p> | <ul style="list-style-type: none"> ● In 2001, an F1 tornado touched down near the Fayette-Buchanan County line southwest of Arlington, IA. It then skipped along for 6 miles before lifting near the community of Taylorsville, IA. The storm damaged a school near the intersection of Highways 187 and 3 southwest of Arlington. A dairy barn was also damaged just north of Arlington. There were no injuries reported. ● In 1992, Cresco, IA (3.16") rain. ● In 1946, rain amounts on this day: In MN: Grand Meadow (4.37", wettest September day), Austin (3.02"). In WI: Viroqua (4.00", wettest September day), Genoa (3.37", wettest September day), Blair (3.11"), Hillsboro (3.03"). In IA: Cresco (4.10"), Decorah (4.08"). ● In 1939, Charles City, IA (100, latest occurrence of 100 in a year and their warmest September temperature). ● In 1938, Charles City, IA (3.15"), Postville, IA (3.07"), and La Crosse, WI (2.51") rain. ● In 1936, several homes were damaged as an eastward moving F2 tornado hit the southwest edge of Rockford, IA. Damage estimates totaled \$15,000. ● In 1925, Hillsboro, WI (3.25") rain. ● In 1922, Winona, MN (102), La Crosse, WI (101), and Hatfield, WI (100) had their warmest September temperature. ● In 1913, Rochester, MN (100, latest occurrence of 100 in a year and their warmest September temperature). |
| <p>September 7</p> | <ul style="list-style-type: none"> ● In 2001, a mobile home was hit by a tornado between Cataract and Angelo, WI (Monroe County) along County Road Q. It completely demolished the structure and tossed it about 30 feet. A woman was in the mobile home when the storm hit and she managed to crawl out in spite of sustaining minor injuries. Elsewhere across southwest Wisconsin, thunderstorm winds knocked down trees and power lines. The thunderstorms also produced just over 3" of rain in Goodrich, WI (3.14"). ● In 1989, Oelwein, IA (7.19", wettest day on record). ● In 1980, rain amounts on this day: In WI: Alma (3.37"), Dodge (3.12"), La Crosse (2.12"). In MN: La Crescent (3.31"), Lake City (3.26"), Hokah (3.25"). ● In 1978, Mondovi, WI (100), Dodge, WI (99), Theilman, MN (99), Trempealeau, WI (98), and Alma, WI (97) had their warmest September temperature. ● In 1976, Jump River, WI (95, warmest September temperature). ● In 1964, Rochester, MN (2.39") rain. ● In 1939, Prairie du Chien, WI (104) tied Richland Center, WI (104 on September 10, 1908) for the warmest September temperature in Wisconsin. New Hampton, IA (101), and Lancaster, WI (100) also recorded their warmest September temperatures. ● In 1922, Fayette, IA (101) and Mather, WI (101) had their warmest September temperature. ● In 1916, Decorah, IA (3.20") rain. |
| <p>September 8</p> | <ul style="list-style-type: none"> ● In 1978, Necedah, WI (98, warmest September temperature). ● In 1976, Owen, WI (94, warmest September temperature). ● In 1964, Neillsville, WI (4.04"), Blair, WI (3.78"), Charles City, IA (3.78"), Minnesota City, MN (3.17"), Wabasha, MN (3.12"), and Alma, WI (3.00") rain. ● In 1941, Oelwein, IA (4.25"), Richland Center, WI (3.54"), Lancaster, WI (3.40"), and Platteville, WI (3.28", wettest September day) rain. ● In 1939, Viroqua, WI (99, warmest September temperature). ● In 1938, Mondovi, WI (3.30") rain. |

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| September 9 | <ul style="list-style-type: none"> ● In 1990, an F1 tornado touched down initially in Nelson, WI where the bulk of the damage and a lone injury occurred. An estimated \$1 million in damage occurred in the Nelson area as 95% of the town was affected. Thirty homes and 31 mobile homes were destroyed, 24 homes and businesses received major damage. The tornado skipped along a 30 mile path causing barn damage near Waumandee, WI. It produced \$600,000 damage to sheds and agriculture buildings in Trempealeau County, WI along with extensive crop damage. Also, baseball sized hail (2.75") fell in Clark County, WI. ● In 1978, Hillsboro, WI (96, warmest September temperature). ● In 1971, two F1 tornadoes touched down during the afternoon in Grant County, WI. ● In 1970, an F2 tornado touched down initially in Butler County, IA and moved into Floyd County, IA. It moved a pickup truck 300 feet and destroyed many barns. Another F2 tornado moved northeast across Grant and Lafayette Counties in southwest Wisconsin from just east of Tennyson to just northwest of Leslie. Ten homes and a church were destroyed or severely damaged in Platteville. A trailer was destroyed and some homes were unroofed. Finally, an F1 tornado moved across Grant County, WI from the Dubuque, IA area to just east of Dickeyville, WI. It caused no injuries or deaths. ● In 1965, barns were destroyed and a car was moved 200 feet by an F2 tornado near Lime Springs, IA. ● In 1955, the following locations had their warmest September temperature: In IA: Elkader (102), Decorah (100), Oelwein (99), Cresco (98), Guttenberg (98), Waukon (96). In MN: Preston (98), Austin (97). In WI: Mauston (99), Blair (98), Lynxville (96), Sparta (96), Genoa (95). ● In 1938, Medford, WI (4.27") rain. ● In 1929, Prairie du Chien, WI (3.86"), Cuba City, WI (3.68", wettest September day), and Richland Center, WI (3.51") rain. ● In 1927, Richland Center, WI (4.04") rain. |
| September 10 | <ul style="list-style-type: none"> ● In 1994, Hillsboro, WI (3.37", wettest September day). ● In 1986, Ontario, WI (3.50", wettest September day) and Rochester, MN (3.04") rain. ● In 1938, Rochester, MN (3.11") rain. ● In 1919, Decorah, IA (3.71") and Prairie du Chien, WI (3.54") rain. ● In 1908, Richland Center, WI (104) recorded Wisconsin's warmest September temperature. This was later tied by Prairie du Chien, WI on September 7, 1939. |
| September 11 | <ul style="list-style-type: none"> ● In 1986, Mauston, WI (3.83", wettest September day) and Waukon, IA (3.21") rain. ● In 1976, Jump River, WI had a high temperature of 84 and a low temperature of 27. This 57 degree difference between the high and low temperature tied February 13, 1971 and March 14, 1975 for the greatest temperature difference ever recorded in Jump River. ● In 1975, Mondovi, WI (3.63") rain. ● In 1903, Wabasha, MN (3.72") rain. ● In 1899, Medford, WI (30, coldest September temperature). |
| September 12 | <ul style="list-style-type: none"> ● In 1991, Prairie du Chien, WI (3.37") and Postville, IA (3.12") rain. ● In 1980, Neillsville, WI (3.20") rain. ● In 1978, Rochester, MN (5.98", wettest September day), Elgin, MN (4.51"), Mondovi, WI (4.50"), and Neillsville, WI (3.45", wettest September day) rain. ● In 1951, Medford, WI (3.42") rain. |

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| September 13 | <ul style="list-style-type: none"> ● In 1993, Mondovi, WI (3.57") rain. ● In 1992, an F1 tornado touched down 5 miles north of Melrose, WI. It caused damage for about 2 miles along Highway 54. Farm buildings and machinery were damaged and a barn was destroyed. ● In 1982, Medford, WI (4.04") rain. ● In 1978, Theilman, MN (4.10", wettest September day), Alma, WI (3.94", wettest September day), New Hampton, IA (3.64"), Grand Meadow, MN (3.57"), and Osage, IA (3.07") rain. ● In 1961, Lancaster, WI (5.75", wettest September day), Muscoda, WI (4.47", wettest September day), Guttenberg, IA (4.32", wettest September day), Platteville, WI (3.20"), and Prairie du Chien, WI (3.05") rain. ● In 1902, La Crosse, WI (32, earliest first occurrence of a freezing temperature in a year). ● In 1897, Caledonia, MN (20, coldest September temperature). |
| September 14 | <ul style="list-style-type: none"> ● In 1994, Blair, WI (5.59", wettest September day), Sparta, WI (5.42", wettest day on record), Galesville, WI (3.78"), Mauston, WI (3.60"), and Cashton, WI (3.00") rain. ● In 1992, Platteville, WI (3.11") and Muscoda, WI (3.03") rain. ● In 1928, an F2 tornado moved northeast from southeast Bremer County, IA, then curved due north along the county line, mostly in Fayette County, IA. Barns were destroyed and livestock was killed on at least two farms. A dozen farms had at least minor damage. Damage estimates totaled \$40,000. Neillsville, WI (3.23") and La Crosse, WI (2.00") rain. |
| September 15 | <ul style="list-style-type: none"> ● In 2004, a storm system brought very heavy rain to parts of southeast Minnesota and northeast Iowa on the 14th through the morning of the 15th. Rain was most intense from near Mason City, IA through the Albert Lea/Austin, MN area to locations around Rochester, MN. There were many areas that had over 4" of rain, with isolated higher amounts. Flash flooding was the initial problem, but as all that rain drained into river basins, many of the regional rivers and creeks saw dramatic rises overnight into the morning of the 15th. The Austin area saw very high to record crest levels on the Cedar River and creeks leading into it. Other rivers affected included the Upper Iowa, Zumbro, and Root. Hardest hit was the Austin area where flooding affected parts of the city and widespread sand bagging efforts took place. A 20-year old man, who was walking to work, walked into high water and was swept away. A 51-year old man also died of a heart attack while sand bagging. Rain amounts on this day: In IA: Waucoma (1.71"), Jackson Junction (1.57"). In MN: Dodge Center (8.45"), Grand Meadow (7.20"), Fountain, (6.86"), Wykoff (6.70"), Austin (5.40", wettest day on record), Winona (4.98"), Chatfield (4.70"), Rochester (4.03"), Preston (3.99"). ● In 1992, La Farge, WI (3.71") rain. ● In 1941, Rochester, MN (3.17") rain. |
| September 16 | <ul style="list-style-type: none"> ● In 1992, Wabasha, MN (3.56") rain. Other locations in WI: Mondovi (6.30", wettest day on record), Mather (3.35", wettest September day), Alma (3.26"), Neillsville (3.03"), Readstown (3.02"), Cashton (3.01"), La Crosse (2.85"). ● In 1962, an F4 tornado leveled four homes and destroyed seven others 4 miles southeast of Rochester, MN during the early morning. Damage estimates were \$200,000 and it injured 34 people. Also on this date, an F2 tornado moved from 2 miles west of Pleasant Grove, MN to 2 miles north northeast of Pleasant Grove. Five barns were destroyed and two homes damaged from this northeast moving tornado. Blair, WI (5.26") rain. ● In 1967, Sparta, WI (3.03") rain. ● In 1941, Sparta, WI (4.03") rain. ● In 1906, Grand Meadow, MN (3.63") rain. |

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| September 17 | <ul style="list-style-type: none"> ● In 1942, Rochester, MN (2.36") rain. ● In 1907, Lancaster, WI (3.79") rain. |
| September 18 | <ul style="list-style-type: none"> ● In 1942, Medford, WI (6.06", wettest September day) and Richland Center, WI (3.91") rain. ● In 1926, Mondovi, WI (3.03") rain. ● In 1907, Prairie du Chien, WI (4.25", wettest September day) and Caledonia, MN (3.20") rain. ● In 1897, this day began a streak of 18 straight days without La Crosse, WI recording any precipitation (September 18th through October 5th). |
| September 19 | <ul style="list-style-type: none"> ● In 1983, rain amounts on this day: In IA: New Hampton (3.87"). In MN: Hokah (4.20", wettest September day), Austin (3.83", wettest September day), Theilman (3.07"), Rochester (2.51"). In WI: Trempealeau (3.63"), La Crosse, WI (3.35", wettest September day), Hatfield (3.14", wettest September day), Cashton (3.11", wettest September day). ● In 1967, Sparta, WI (19, coldest September temperature). ● In 1965, Dodge, WI (3.62", wettest September day) rain. ● In 1957, an F1 tornado occurred in Hillsboro, WI. It caused no injuries or deaths. ● In 1942, Steuben, WI (5.74", wettest day on record). ● In 1935, Neillsville, WI (3.10") rain. ● In 1931, Oelwein, IA (3.05") rain. |
| September 20 | <ul style="list-style-type: none"> ● In 1995, Viroqua, WI (20, coldest September temperature). ● In 1983, rain amounts on this day: In IA: Osage (5.17", wettest September day), Marble Rock (3.93", wettest September day), New Hampton (3.87", wettest September day), Cresco (3.10"), Charles City (3.02"). In MN: Harmony (4.97", wettest September day), Preston (4.76", wettest September day), Lanesboro (4.34", wettest September day), Caledonia (3.88", wettest September day), Elgin (3.67"), Grand Meadow (3.63"), Sparta (3.63"), Minnesota City (3.33"), Zumbro Falls, MN (3.10"). In WI: Blair (3.42"), Neillsville (3.38"), Alma (3.17"). ● In 1980, La Crescent, MN (3.65", wettest September day) rain. ● In 1948, Grand Meadow, MN (3.60") rain. ● In 1908, Neillsville, WI (98, warmest September temperature). ● In 1907, Blair, WI (4.00") rain. ● In 1881, a tornado killed 12 people in Mondovi, WI. |

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| <p>September 21</p> | <ul style="list-style-type: none"> ● In 1995, Rochester, MN saw a trace of snow. This is their earliest first trace of snow. ● In 1986, rain amounts on this day: In IA: Cresco (5.15", wettest September day), Decorah (4.79", wettest September day), Waukon (3.35"), Elkader (3.23"). In MN: Austin (3.74"), Zumbro Falls (3.29"), Preston (3.00"). ● In 1980, rain amounts on this day: In MN: Preston (3.04"). In WI: Trempealeau (6.01", wettest day on record, also was nearly half of their monthly rainfall of 13.13" which was their wettest all-time September), Owen (4.51", wettest day on record), Curtiss (4.08"), Medford (3.50"), Goodrich (3.40", wettest September day). ● In 1924, what was probably a family of tornadoes moved northeast from near Augusta, WI to 10 miles southwest of Thorp, WI to north of Chelsea. Near Rib Lake, at least 20 farms were destroyed or altogether obliterated. Thirty other farms were damaged. Fourteen people were killed in Clark County and four in Taylor County, WI. The lack of alignment in the positions of destroyed farms, in the Withee-Thorp-Owen area hint strongly that more than one tornado was involved. Four people died and 13 were injured in that area at a Sunday School meeting in a farm house. One entire wall of a home was reportedly carried for 14 miles. Damage may have been F5 intensity 4 miles south of Thorp and north of Withee near the county border. Damage estimates were \$229,000. ● In 1899, Cresco, IA (21, coldest September temperature). ● In 1894, an F4 tornado moved northeast from 5 miles northeast of Mason City, IA killing at least 3 people in northeast Cerro Gordo County. At least four people died in homes 4 miles northeast of Osage, IA as 13 farm houses were destroyed in that county. At Leroy, MN, damage totaled \$120,000 as four people were killed and 80 buildings were damaged or destroyed including 35 homes. Entire farms were leveled southwest of Spring Valley, MN. Ten homes were destroyed, five people killed and 35 injured in the northwest part of Spring Valley as losses there totaled \$60,000. Another F4 tornado moved east northeast across Mitchell and Howard Counties, IA from 2 miles south of Osage to 6 miles south of Riceville to about 10 miles west southwest of Cresco. Five or more homes were destroyed and five people were killed all in or near the community of Lowther (5 miles north of Elma) in Mitchell County. This tornado also caused 20 injuries. In addition to this tornado, an F2 tornado moved to the northeast from Homer, MN to Marshland, WI. The new town hall was destroyed at Homer as were two homes, a dry goods store, and three barns. Another barn was destroyed near Marshland. In addition, it caused 3 injuries. |
| <p>September 22</p> | <ul style="list-style-type: none"> ● In 1995, Jump River, WI (1.5") and Cashton, WI (0.5") had their earliest measurable snowfall. ● In 1988, Platteville, WI (3.04") rain. ● In 1986, Elgin, MN (4.76", wettest September day), Neillsville, WI (3.36"), and Mather, WI, (3.05") rain. ● In 1980, Galesville, WI (4.08", wettest day on record). ● In 1974, Necedah, WI (18) and Mauston, WI (20) recorded their coldest September temperature. ● In 1967, Theilman, MN (22, coldest September temperature). ● In 1959, an F0 tornado touched down briefly in a corn field 10 miles southeast of Stanley, WI. Westby, WI (3.26") rain. ● In 1942, Mondovi, WI (22, coldest September temperature). ● In 1894, an F2 tornado skipped east northeast from Akan to Willow Townships in Richland County, WI. The tornado moved just 3 miles north of Richland Center. Barns were destroyed and debris was carried over a mile. |
| <p>September 23</p> | <ul style="list-style-type: none"> ● In 1976, Austin, MN (23, coldest September temperature). ● In 1926, Richland Center, WI (4.15", wettest September day) rain. |

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| September 24 | <ul style="list-style-type: none"> ● In 1985, 0.2" of snow fell in Wabasha, MN. This is their earliest measurable snowfall. ● In 1984, Crawford and Vernon Counties, WI reported baseball sized hail (2.75"). 3" hail was reported in La Crosse County, WI with this same cluster of storms. ● In 1950, Platteville, WI (25, coldest September temperature). |
| September 25 | <ul style="list-style-type: none"> ● In 1986, Fayette, IA (3.05") rain. ● In 1981, Oelwein, IA (3.22") rain. ● In 1972, in IA: Charles City (5.18", wettest September day), Decorah (4.56"), Dorchester (4.21"), Cresco (3.54"), New Hampton (3.05") rain. ● In 1942, 0.3" of snow fell in Rochester, MN. This is their earliest measurable snowfall. |
| September 26 | <ul style="list-style-type: none"> ● In 1998, Owen, WI (3.70") rain. ● In 1994, Platteville, WI (3.07", wettest September day) rain. ● In 1986, an F1 tornado touched down briefly at a farm and heavily damaged a barn just south of Thorp, WI. Trees were uprooted as well, damaging nearby cars. Windows were also blown out of a house. ● In 1984, Alma, WI (25, coldest September temperature). ● In 1973, an F1 tornado caused an injury in Olmsted County, MN. ● In 1965, Goodrich, WI (0.4") and Medford, WI (0.1") had their earliest measurable snowfall. ● In 1942, Winona, MN (25, coldest September temperature). Also on this date, Caledonia, MN (5") and Fayette, IA (1"), and La Crosse, WI (0.2") had their earliest measurable snowfall. Snow fell in early morning, mostly melting as it fell. ● In 1934, Blair, WI (3.52") rain. ● In 1881, an F3 tornado moved northeast across Fayette, Clayton, and Allamakee Counties in northeast Iowa. Three homes and several barns were destroyed on at least two farms. Only a foundation was left of a home in Post Township. A girl may have died and it injured 7 others. |
| September 27 | <ul style="list-style-type: none"> ● In 1902, New Hampton, IA (3.80") rain. |
| September 28 | <ul style="list-style-type: none"> ● In 1986, an F2 tornado struck a farmhouse, slightly injuring a couple inside, in Colwell, IA. The roof was removed which tipped the house over into the basement. A number of outbuildings were also destroyed. ● In 1976, Jump River, WI (14, coldest September temperature). ● In 1972, an F1 tornado touched down during the afternoon in Grant County, WI. ● In 1971, a complex family of tornadoes tracked from south of Boyd, WI, to 7 miles south of Thorp, WI, to 1 mile south of Dorchester, to near Athens, to north of Merrill, WI. A brick school lost its roof and a wall. Three people were injured when their car was blown 200 feet off the road. About 60 farms along the track were damaged. The livestock loss was severe. Damage was estimated at \$2 million. At least three different tornadoes were involved. There were 3 injuries in Chippewa County, 1 injury in Marathon County, and 1 injury in Clark County. ● In 1961, Oelwein, IA (25, coldest September temperature). ● In 1942, the following locations had their coldest September temperature: Fayette, IA (20), Richland Center, WI (22), Rochester, MN (22). |
| September 29 | <ul style="list-style-type: none"> ● In 1984, Dodge, WI (17), Genoa, WI (29) and Lynxville, WI (29) had their coldest September temperature. ● In 1967, Blair, WI (18), Preston, MN (19), Owen, WI (21), and Hillsboro, WI (23) had their coldest September temperature. ● In 1949, Hatfield, WI (12), Mather, WI (18), New Hampton, IA (19), Decorah, IA (21), La Crosse, WI (23), Trempealeau, WI (23), and Guttenberg, IA (27) had their coldest September temperature. |

September 30

- In 2002, an F0 tornado touched down 2 miles southwest of the town of Chelsea, WI. The tornado caused some damage to house and a barn. It also downed numerous trees while it was on the ground for ½ mile. Another F0 tornado touched down briefly in a field just south of Loyal, WI. This tornado caused no damage. The thunderstorms associated with these tornadoes also produced hail as large as golf balls and 60 to 70 mph winds.
- In 1961, rain amounts on this day:
In IA: Elkader (3.37", wettest September day), Fayette (3.35", wettest September day), Oelwein (3.35").
In WI: Richland Center (3.38"), Lynxville (3.40", wettest September day), Readstown (3.00").
- In 1961, Austin, MN (0.5") had their earliest measurable snowfall. Lynxville, WI (3.40", wettest September day) rain.
- In 1939, Grand Meadow, MN (22, coldest September temperature).
- In 1899, Neillsville, WI (14), Charles City, IA (19), Lancaster, WI (20), and Osage, IA (20) had their coldest September temperature.

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| October 1 | <ul style="list-style-type: none"> ● In 1999, Caledonia, MN (2", earliest measurable snowfall) snow. ● In 1976, Hatfield, WI (94), Preston, MN (92, also latest occurrence of 90 in a year), Neillsville, WI (92), Caledonia, MN (91), and Jump River, WI (87) had their warmest October temperature. ● In 1872, a tornado occurred in Crawford County, WI. |
| October 2 | <ul style="list-style-type: none"> ● In 1999, Elgin, MN (2") and Harmony, MN (0.5") had their earliest measurable snowfall. ● In 1953, Platteville, WI (91) and Mondovi, WI (90) recorded their warmest October temperature. ● In 1927, Oelwein, IA (2.40", wettest October day) rain. |
| October 3 | <ul style="list-style-type: none"> ● In 1999, Elkader, IA (0.5") had their earliest measurable snowfall. ● In 1997, warmest October temperatures were recorded in: Guttenberg, IA (94), Oelwein, IA (94), La Crosse, WI (93, tied with October 6, 1963 for warmest October day), Rochester, MN (93), Austin, MN (92), Lynxville, WI (92). ● In 1954, Blair, WI (4.22"), Alma, WI(3.85"), Hatfield, WI (3.70", wettest October day), and Theilman, MN (3.60") rain. ● In 1953, Owen, WI (88, warmest October temperature). ● In 1903, an F4 tornado moved northeast from west of Chatfield, MN, passing through and devastating St.Charles, MN. Seven people were killed and 30 injured as 50 homes and businesses were damaged or destroyed. Homes were also swept away in Wisconsin, along Eagle Creek and then at Independence, where two people died and half of the town was torn apart. Damage for both states totaled \$400,000. About two hours later, another F4 tornado apparently formed over extreme northern Adams County, WI (about 5 miles east of Rome) and then moved east-northeast passing 1 ½ miles south of Bancroft in Portage County. The tornado was up to ½ mile wide but most of the damage was in Portage County. |
| October 4 | <ul style="list-style-type: none"> ● In 1999, Lancaster, WI (0.7") had their earliest measurable snow. ● In 1997, Hampton, IA (95), Theilman, MN (94, also latest occurrence of a 90 degree temperature in a year), Cresco, IA (92), Grand Meadow, MN (92), Alma, WI (91), and Waukon, IA (91) had their warmest October temperature. ● In 1973, Theilman, MN (3.70") rain. ● In 1962, a weak F0 tornado occurred in Olmsted County, MN. ● In 1900, Prairie du Chien, WI (2.42", wettest October day) rain. |
| October 5 | <ul style="list-style-type: none"> ● In 1963, Charles City, IA (95) and Osage, IA (93) had their warmest October temperature. ● In 1911, Neillsville, WI (3.12") rain. ● In 1897, this day was the last of a streak of 18 consecutive days in La Crosse, WI where not even a trace of precipitation reached the ground. The streak started on September 18th of that year. |

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| October 6 | <ul style="list-style-type: none"> ● In 1995, Mather, WI (2.52", wettest October day) rain. ● In 1964, Mather, WI (1") had their earliest measurable snowfall. ● In 1963, warmest October temperatures were recorded in: In IA: Decorah (94), Elkader (94), Fayette (91). In WI: Dodge, WI (93), La Crosse (93, tied with October 3, 1997), Prairie du Chien (93), Hillsboro (92), Lancaster (92), Necedah (92), Genoa (91), Richland Center (91), Blair (90), Mauston (90), Sparta (90), Trempealeau (90), Viroqua (90). ● In 1955, Fayette, IA (2.70", wettest October day) rain. ● In 1911, Rochester, MN (2.85", wettest October day) rain. |
| October 7 | <ul style="list-style-type: none"> ● In 1963, Winona, MN (93) and Mather, WI (91) had their warmest October temperature. ● In 1948, Waukon, IA (2.08") and Charles City, IA (1.77") had their wettest October day. |
| October 8 | <ul style="list-style-type: none"> ● In 1992, an F1 tornado damaged four outbuildings, 3 mobile homes, and many trees in the Mauston, WI area. Also, on this date, a weak F0 tornado damaged a pole shed, silo, and several trees just north of Mondovi, WI. ● In 1967, Guttenberg, IA (2.04", wettest October day) rain. ● In 1883, an F2 tornado moved northeast through Trempealeau County, WI passing 6 miles east of Arcadia. Two farm houses were destroyed and many barns were wrecked on the upper side of the North Creek Valley. Four horses were killed in one of the many barns that were swept away. There was a "deafening roar and a sulphuric odor." In addition, it caused 5 injuries. |
| October 9 | <ul style="list-style-type: none"> ● In 1973, a weak F0 tornado touched down in Dodge County, MN. ● In 1970, wettest October days were recorded in: In IA: New Hampton (4.20"), Charles City (3.22"), Osage (2.67"). In MN: Elgin (4.25"), Grand Meadow (2.92"). ● In 1904, Medford, WI (3.00") and Viroqua, WI (2.85") had their wettest October day. |
| October 10 | <ul style="list-style-type: none"> ● In 1962, a weak F1 tornado touched down during the morning 18 miles southeast of Neillsville, WI. It caused no injuries or deaths. ● In 1954, Platteville, WI (2.80", wettest October day) rain. ● In 1949, a rapidly deepening low pressure area moved north through the Dakotas. It produced gale to hurricane force winds across much of Minnesota, Iowa, Wisconsin, Nebraska, Michigan, and the Dakotas. Sustained 1-minute winds reached 79 mph in La Crosse, WI and 85 mph in Rochester, MN during the early afternoon. Winds gusts were as high as 100 mph. This produced extensive damage to buildings and power lines. In addition, many corn crops were flattened. ● In 1913, a complex of tornadoes and downburst winds produced about \$300,000 in property losses. Starting in Crawford County, WI one tornado tracked northeast through Richland and Vernon Counties in Wisconsin. Five homes were destroyed and over 100 more were damaged in the northwest part of Mauston before the tornado lifted. |
| October 11 | <ul style="list-style-type: none"> ● In 1990, Mauston, WI (5") had their earliest measurable snowfall. ● In 1987, Dodge, WI (9, coldest October temperature). ● In 1986, Winona, MN (2.64", wettest October day) rain. |
| October 12 | <ul style="list-style-type: none"> ● In 1966, Austin, MN (2.18", wettest October day) rain. ● In 1961, two F1 tornadoes touched down during the evening in Chickasaw County, IA. ● In 1959, Mondovi, WI (1") had their earliest measurable snowfall. |

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| October 13 | <ul style="list-style-type: none"> ● In 1997, both Elkader, IA (2.50") and Lynxville, WI (1.98") had their wettest October day. ● In 1959, Theilman, MN (3") and Blair, WI (1") had their earliest measurable snowfall. |
| October 14 | <ul style="list-style-type: none"> ● In 1986, Neillsville, WI (1") and Owen, WI (0.5") had their earliest measurable snowfall. ● In 1966, thunderstorms produced wind gusts up to 80 mph in Mower County, MN. Also, two F1 tornadoes touched down in Allamakee County, IA and an F1 tornado occurred in Fayette County, IA. Lake City, MN (3.30"), Rochester, MN (2.81"), and La Crosse (2.01") rain. |
| October 15 | <ul style="list-style-type: none"> ● In 1972, Necedah, WI (0.2") had their earliest measurable snowfall. ● In 1966, wettest October days were recorded in: In IA: Cresco (4.45"). In MN: Theilman (5.46"), Wabasha (4.38"), Minnesota City (3.90"), Harmony (3.10"). In WI: Alma (5.35"), Blair (3.44"), Mondovi (3.12"). |
| October 16 | <ul style="list-style-type: none"> ● In 1984, an F2 tornado skipped north across Juneau County, WI from just south of Mauston to just east of Necedah. A woman was seriously injured when her mobile home was overturned. It caused damage to a subdivision of mobile homes near the entrance to Buckhorn State Park where 4 mobile homes were leveled, 20 damaged, and some homes and garages were damaged. The tornado lifted again, only to set down just east of Necedah. Two people were injured when the mobile home they were in was lifted from the ground, turned full circle, bounced off a truck and car, and landed 35 feet away. Overall, 50 structures were damaged including 15 homes with minor damage, 3 major, and 5 completely destroyed. In addition to this tornado, an F1 tornado hit Lawler, IA. Four houses were significantly damaged, with one roof lost. A garage was moved on its foundation and another foundation of a house was cracked. Ten to fifteen other homes received more minor damage. One of the victims said, "There was so much suction, we couldn't get the door to the basement open." ● In 1972, Hillsboro, WI (1") and Sparta, WI (0.5") had their earliest measurable snowfall. Sparta tied October 16, 1952 for their earliest measurable snowfall. ● In 1911, Rochester, MN (2.35") rain. |
| October 17 | <ul style="list-style-type: none"> ● In 1998, La Crosse, WI (2.28") rain. ● In 1959, Winona, MN (1") and Minnesota City, MN (0.5") had their earliest measurable snowfall. ● In 1952, Hatfield, WI (2"), Richland Center, WI (0.4"), Decorah, IA (0.3"), Prairie du Chien, WI (0.3"), and Spring Valley, MN (0.3") had their earliest measurable snowfall. |
| October 18 | <ul style="list-style-type: none"> ● In 1998, New Hampton, IA (3.75") rain. ● In 1992, Muscoda, WI (1.3") had their earliest measurable snowfall. ● In 1990, Cresco, IA (1") and New Hampton, IA (0.3") had their earliest measurable snowfall. This tied October 18, 1972 for the earliest in both locations. ● In 1972, Osage, IA (2"), Waucoma, IA (1"), Platteville, WI (0.8"), Charles City, IA (0.6"), Waukon, IA (0.5"), and Oelwein, IA (0.3") had their earliest measurable snowfall. ● In 1952, Elkader, IA had a high temperature of 68 and low temperature of 10. This 58 degree temperature difference is the greatest ever recorded in Elkader. |
| October 19 | <ul style="list-style-type: none"> ● In 1991, Lanesboro, MN (1") had their earliest measurable snowfall. ● In 1972, Guttenberg, IA (19, coldest October temperature). ● In 1907, Osage, IA had a high temperature of 78 and low temperature of 24. This 54 degree temperature difference is the greatest ever recorded in Osage. |

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| October 20 | <ul style="list-style-type: none"> ● In 1992, Galesville, MN (2"), Lansing, IA (2"), Readstown, WI (2"), and Lynxville, WI (1") had their earliest measurable snowfall. Dodge, WI (2") tied October 20, 1982 for their earliest snowfall. ● In 1982, wettest October days were recorded in: Blair, WI (4.50"), Lanesboro, MN (3.37"), Marble Rock, IA (3.05"), Preston, MN (2.96"), Trempealeau, WI (2.89"). Other precipitation records set on this date: Dorchester, IA (0.5", earliest measurable snowfall), Jump River, WI (7.8" snow, snowiest October day; 2.21" water equivalent), Galesville, WI (1" snow, tied October 20, 1992 for earliest measurable snow), Dodge, WI (2" snow, tied October 20, 1992 for earliest measurable snow; 2.94" water equivalent, wettest October day). ● In 1917, Fayette, IA (15") snow. |
| October 21 | <ul style="list-style-type: none"> ● In 1980, Hillsboro, WI (2.96", wettest October day) rain. ● In 1943, Richland Center, WI (5.90", wettest day on record) and Lancaster, WI (2.40", wettest October day) rain. |
| October 22 | <ul style="list-style-type: none"> ● In 1979, Muscoda, WI (4.60"), Owen, WI (2.95"), Goodrich, WI (2.50"), and Jump River, WI (2.34") had their wettest October day. |
| October 23 | <ul style="list-style-type: none"> ● In 1977, Genoa, WI (1.77", wettest October day) rain. |
| October 24 | <ul style="list-style-type: none"> ● In 1981, Preston, MN (1") tied October 24, 1976 for their earliest measurable snowfall. ● In 1959, Mauston, WI (3.05") and Necedah, WI (3.01") had their wettest October day. ● In 1952, Austin, MN had a high temperature of 80 and low temperature of 25. This 55 degree temperature difference is the greatest ever recorded in Austin. |
| October 25 | <ul style="list-style-type: none"> ● In 1981, Alma, WI (1") had their earliest measurable snowfall. ● In 1963, Lake City, MN (3.22") rain. ● In 1887, Rochester, MN (-6) and La Crosse, WI (6) had their earliest single digit temperature and also their coldest October temperature. |
| October 26 | <ul style="list-style-type: none"> ● In 1962, Owen, WI (8), Sparta, WI (10), Platteville, WI (12), and Caledonia, MN (13) recorded their coldest October temperature. ● In 1959, Trempealeau, WI (1.8") had their earliest measurable snowfall. ● In 1953, this day marked the start of a streak of 24 consecutive days without any precipitation falling in La Crosse, WI (from October 26th through November 18, 1953). |
| October 27 | <ul style="list-style-type: none"> ● In 1997, Platteville, WI (6.2") and Guttenberg, IA (4") had their earliest measurable snowfall. ● In 1989, this day began a streak of 16 consecutive days with a trace of more of precipitation for La Crosse, WI. The total through the period, however, was only 1.31". The streak ran through November 11th. ● In 1976, Jump River, WI (-3), Blair, WI (8), and Mauston, WI (9) recorded their coldest October temperature. ● In 1900, St Charles, MN (4.45") and Neillsville, WI (3.80") had their wettest October day. |
| October 28 | <ul style="list-style-type: none"> ● In 1917, Viroqua, WI (7") snow. ● In 1900, La Crosse, WI (4.89") and Caledonia, MN (3.10") had their wettest October day. |
| October 29 | <ul style="list-style-type: none"> ● In 1988, Waukon, IA (15, coldest October temperature). ● In 1952, Austin, MN (10), Decorah, IA (10), Osage, IA (12), and Lynxville, WI (18) had their coldest October temperature. ● In 1925, New Hampton, IA (0) and Lancaster, WI (3) had their coldest October temperature. |

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| October 30 | <ul style="list-style-type: none"> ● In 1998, Theilman, MN (7) and Cresco, IA (10) had their coldest October temperature. ● In 1988, Necedah, WI (5), Genoa, WI (15), Trempealeau, WI (13), and Alma, WI (18) had their coldest October temperature. ● In 1971, an F1 tornado touched down during the evening in Grant County, WI. ● In 1925, coldest October temperatures were recorded in: In IA: Fayette (-5), Charles City (1). In MN: Grand Meadow (-5), Winona, MN (7, also earliest single digit temperature). In WI: Hatfield (1), Viroqua (1), Medford (2), Mather (3), Richland Center (3), Neillsville (4), Prairie du Chien (4), Mondovi (8). |
| October 31 | <ul style="list-style-type: none"> ● In 1984, La Crosse, WI (2.04") rain. |

| Day | Weather Event |
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| <p>November 1</p> | <ul style="list-style-type: none"> ● In 1991, precipitation amounts on this day: In IA: Waukon (3.45", wettest November day), Cresco (3.09", wettest November day), New Hampton (2.85", wettest November day). In MN: Winona (5" snow; 3.28" water equivalent, wettest November day), Grand Meadow (3.14", wettest November day), Preston (3.00", wettest November day), Elgin (2.94", wettest November day), Lanesboro (2.51", wettest November day), Rochester (2.30", wettest November day). In WI: La Crosse (9.2" snow), Mondovi (0.2" snow; 4.13" water equivalent, wettest November day), Dodge (3.42", wettest November day), Jump River (2.97", wettest November day), La Crosse (2.80", wettest November day), Necedah (1.96", wettest November day). ● In 1983, Rochester, MN (77, warmest November temperature). ● In 1950, the mercury rose to 84 in Winona, MN. This is their latest 80 degree reading and their warmest November temperature. Also, it is the warmest November temperature on record for all of Minnesota. Other locations recording their warmest November temperature: In IA: Guttenberg (78). In MN: Grand Meadow (78). In WI: Neillsville (81), Platteville (80), Alma (78), Mather (78), Viroqua (78), Owen (76). ● In 1945, Mauston, WI (3.18", wettest November day) rain. ● In 1944, Medford, WI (73, warmest November temperature). ● In 1933, the mercury climbed to 80 at La Crosse, WI. This is the latest 80 degree reading and also the warmest November temperature ever recorded in La Crosse. Other locations recording their warmest November temperature: In IA: Fayette (79), Charles City (78), New Hampton (78). In WI: Hatfield (78), Mondovi (78), Richland Center (78). ● In 1904, Prairie du Chien (84, warmest November temperature in Wisconsin). |
| <p>November 2</p> | <ul style="list-style-type: none"> ● In 1991, Hokah, MN (9"), Caledonia, MN (8"), Alma, WI (6"), Dorchester, IA (6"), Genoa, WI (6", earliest measurable snowfall), and Viroqua, WI (6") snow. ● In 1986, Zumbro Falls, MN (6") snow. ● In 1961, Platteville, WI (2.63") and Elkader, IA (2.41") had their wettest November day. |
| <p>November 3</p> | <ul style="list-style-type: none"> ● In 1978, Dodge, WI (76, warmest November temperature). ● In 1964, Hillsboro, WI (75), Necedah, WI (75), Trempealeau, WI (75), and Genoa, WI (74) had their warmest November temperature. ● In 1951, Cashton, WI (6") snow. |
| <p>November 4</p> | <ul style="list-style-type: none"> ● In 1978, Caledonia, MN (75, warmest November temperature). ● In 1964, Mauston, WI (76, warmest November temperature). ● In 1951, Hokah, MN (6") snow. |
| <p>November 5</p> | <ul style="list-style-type: none"> ● In 1959, a winter storm brought snow amounts of: In MN: Elgin (6"). In WI: Necedah (8"), Westby (8"), Sparta (7.5"), Cashton (7"), La Crosse (6.5"), Curtiss (6"), Goodrich (6"). |

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| November 6 | <ul style="list-style-type: none"> ● In 1959, the snow storm that began on the 5th continued to affect the region, bringing additional snowfall totals of: In IA: Decorah (4"), New Hampton (4"), Osage (4"), Charles City (3.8"), Fayette (3"). In MN: Caledonia (4.5"), Grand Meadow (4"), La Crescent (3.5"), Lake City (3"). In WI: Viroqua (5.5"), Galesville (5"), Lynxville (4.5"), Blair (4"), Prairie du Chien (2.5"), Mauston (2.5"). |
| November 7 | <ul style="list-style-type: none"> ● In 1949, Blair, WI (78) and Cresco, IA (72) had their warmest November temperature. ● In 1943, Grand Meadow, MN (6") snow. ● In 1938, light snow began falling during the afternoon and evening of the 6th and then became heavier on the 7th. The snow finally tapered off to flurries during the early morning hours of the 8th. La Crosse, WI (7.5") snow. ● In 1921, snow began to fall in La Crosse, WI at 12:10 PM. The snow initially melted as it fell, but after 3 PM it began to collect on the ground, trees and shrubbery. The snow continued to fall through 12:30 PM on the 8th. The weight of the heavy wet snow caused branches to break and downed telephone lines. In addition, street cars were out of commission nearly all day. La Crosse (6.9") snow. ● In 1915, Lancaster, WI (77, warmest November temperature). |
| November 8 | <ul style="list-style-type: none"> ● In 2001, a warm front moved into central Wisconsin. To the south of this warm front, strong southwest winds brought unseasonably warm air into the region. Temperatures across northeast Iowa, southeast Minnesota, and southwest Wisconsin climbed into the 70s. Meanwhile, temperatures in central Wisconsin remained in the upper 40s. The highest temperature was reported in Oelwein, IA (79, warmest November temperature). ● In 1999, Elkader, IA (79), Decorah, IA (78), Austin, MN (77), Lynxville, WI (75), and Jump River, WI (71) had their warmest November temperature. ● In 1985, Hokah, MN (6"), Ontario, WI (6"), and Waukon, IA (6") snow. ● In 1945, Winona, MN (3.45", wettest November day) rain. ● In 1921, Fayette, IA (7") snow. |
| November 9 | <ul style="list-style-type: none"> ● In 1999, Osage, IA (77), Preston, MN (76), and Sparta, WI (76) had their warmest November temperature. ● In 1997, Theilman, MN (78, latest 70 degree occurrence in a year and their warmest November temperature). ● In 1985, a winter storm brought snow amounts of: In IA: Decorah (8"), Lansing (6.7"), Dorchester (6"), Osage (6"). In MN: Spring Grove (8"), Grand Meadow (6"). In WI: Richland Center (9"), Mauston (8"), Sparta (8"), Soldiers Grove (8"), Westby (7"), Necedah (6"). ● In 1975, an F1 tornado touched down during the evening in Allamakee County, IA. Trempealeau, WI (2.31", wettest November day) and Rochester, MN (2.05") rain. ● In 1949, Waukon, IA (75, warmest November temperature). ● In 1943, this day started a streak of 53 consecutive days without measurable precipitation in La Crosse, WI (November 9, 1943 through January 3, 1944). There were 11 days with a trace of precipitation during the streak. |

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| November 10 | <ul style="list-style-type: none"> ● In 1998, very strong winds moved across southeast Minnesota, northeast Iowa, and western Wisconsin. Wind gusts greater than 90 mph were recorded, with property damage estimated at \$1.7 million. The winds were the result of a very strong area of low pressure. ● In 1985, Waucoma, IA (8") and Dorchester, IA (6") snow. ● In 1984, Harmony, MN (9") snow. ● In 1975, wettest November days were recorded in: In MN: Theilman (2.45"). In WI: Owen (3.50"), Alma (2.60"), Blair (2.46"), Neillsville (2.27"), Goodrich (2.26"), Hatfield (2.18"). In IA: Decorah (2.62"). ● In 1919, Prairie du Chien, WI (3.16") and Fayette, IA (2.90") had their wettest November day. |
| November 11 | <ul style="list-style-type: none"> ● In 1989, this day was the last of 16 consecutive days where a trace or more precipitation fell in La Crosse, WI. A total of 1.31" of precipitation fell during this period. ● In 1985, Harmony, MN (9.5") snow. ● In 1982, Hillsboro, WI (2.41", wettest November day) rain. ● In 1940, a rapidly deepening low pressure system moved northeast from Kansas City, MO, through the Upper Mississippi Valley, into the Upper Great Lakes where Duluth, MN reported a barometric pressure of 28.66 inches. Armistice Day began with blue skies and temperatures in the 40s and 50s. The day was so nice that duck hunters dressed in short-sleeved shirts and rushed to the marshes along the Mississippi River early that morning. However, during the late morning and early afternoon, a strong cold front moved through the region. Behind the cold front, the weather became rather blustery and the temperature plunged to the single digits by the next morning. The rain turned to sleet and eventually to driving snow. More than twenty duck hunters within a 50 mile radius of Winona, MN remained trapped on the Mississippi River by gusty winds and threatening waves. They had sought shelter on small islands and eventually froze to death. The howling winds and blinding snow brought all movement in Minnesota, Iowa, Wisconsin, and the Dakotas to a grinding halt. Winona, MN received 22" of snow and up to 17" of snow fell in Iowa. Winds estimated at 50 to 80 mph whipped snow into drifts 20 feet deep, isolating whole towns. The blizzard left 49 dead in Minnesota, and gales on Lake Michigan caused ship wrecks resulting in another 59 deaths. The blizzard claimed a total of 154 lives, and killed thousands of cattle in Iowa. The storm became known as the "Armistice Day Storm". This storm, along with a slow moving blizzard which would move across northern Minnesota in mid March 1941, caused the Weather Bureau to rethink its forecasting procedures. Forecasting for the entire region had been directed by the Chicago office, but in the wake of this storm, responsibilities were distributed to regional centers to provide more timely and accurate predictions. ● In 1915, Medford, WI (2.65", wettest November day). |
| November 12 | <ul style="list-style-type: none"> ● In 1982, Lansing, IA (3.10"), Richland Center, WI (3.08"), Genoa, WI (2.27"), Lynxville, WI (2.22"), and Viroqua, WI (2.00") had their wettest November day. |
| November 13 | <ul style="list-style-type: none"> ● In 1959, Mauston, WI (6.5") snow. |
| November 14 | <ul style="list-style-type: none"> ● In 1951, in WI: Medford (5"), Cashton (3"), Blair (3") snow. ● In 1909, Medford, WI (1.85") water equivalent precipitation. |

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| November 15 | <ul style="list-style-type: none"> ● In 2001, the temperature climbed to 70 in La Crosse, WI. This was their fourth 70 degree day during that November, the most for any November. ● In 1996, an ice storm occurred in Taylor County, WI. The freezing rain and drizzle fell from 4 AM to 7 PM. This caused large branches coated with ice to fall on power lines, disrupting electrical service to 1,500 people for three days. Damage was estimated at \$150,000. ● In 1988, a pole shed was destroyed and several power lines were downed by an F0 tornado 2 miles north of Garnavillo, IA. ● In 1960, an F2 tornado moved from 2 miles northwest of Chili, WI to 5 miles west of Wausau, WI. It damaged 3 farms and leveled a barn near Rib Mountain, WI. ● In 1947, Grand Meadow, MN (8") snow. ● In 1927, Mather, WI (2.16", wettest November day) water equivalent precipitation. |
| November 16 | <ul style="list-style-type: none"> ● In 1961, Curtiss, WI (6") snow. ● In 1956, Curtiss, WI (6") and Goodrich, WI (6") snow. ● In 1955, Jump River, WI (7") snow. ● In 1953, Rochester MN had a high temperature of 71. This was not only a record high for this date, but also their latest 70 degree temperature in a year. |
| November 17 | <ul style="list-style-type: none"> ● In 1978, Jump River, WI (9.5") and Mondovi, WI (6.3") snow. ● In 1958, La Crosse, WI (2.26") and Oelwein, IA (2.10", wettest November day) rain. |
| November 18 | <ul style="list-style-type: none"> ● In 1986, Waucoma, IA (7") snow. ● In 1958, Caledonia, MN (2.67", wettest November day) water equivalent precipitation. ● In 1957, a winter storm brought snow amounts of: In IA: New Hampton (11"), Waucoma (8"), Decorah (7"), Dorchester (6"), Osage (6"). In MN: Preston (14", tied January 22, 1982 for greatest one-day snowfall), Spring Grove (11"), Rochester (9.7"), Elgin (9"), Grand Meadow (7"), Austin (6.5"), Lanesboro (6.5"), Caledonia (6"), Harmony (6"). In WI: Mondovi (7"), Sparta (6.4"), La Crosse (6.2"), Mather (6"), Viroqua (6"). ● In 1953, this day marked the last of 24 consecutive days without a trace of precipitation in La Crosse, WI. ● In 1926, Fayette, IA (7") snow. |
| November 19 | <ul style="list-style-type: none"> ● In 1986, Hokah, MN (7") snow. ● In 1981, Jump River, WI (8") and Goodrich, WI (6.5") snow. ● In 1970, Rochester, MN (6.5") snow. ● In 1964, Rochester, MN (6.5") snow. ● In 1957, a winter storm brought snow amounts of: In IA: Cresco (14", tied March 6, 1959 for greatest one-day snowfall), Fayette (9"), Dorchester (8"), Charles City (6.5"), Decorah (6"), Waucoma (6"). In MN: La Crescent (11"), Lanesboro (10"), Wabasha (10"), Harmony (9"), Caledonia (8.1"), Winona (8"), Grand Meadow (6"). In WI: Curtiss (13", tied January 4, 1971 for greatest one-day snowfall), Trempealeau (10"), Genoa (8"), Goodrich (8"), Jump River (8"), Neillsville (8"), Mondovi (7.5"), Owen (6"). ● In 1919, Viroqua, WI (6") snow. |

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| November 20 | <ul style="list-style-type: none"> ● In 1996, the first snowstorm of the season brought 4-6" of snow across Buffalo, Grant, Jackson, La Crosse, Monroe, Richland, and Trempealeau Counties in southwest Wisconsin. The snow fell from 1 PM on the 20th to 7 AM on the 21st. This snow led to numerous accidents. A total of 49 accidents occurred in La Crosse, WI alone during an 8 hour period from 2 PM to 10 PM. Damage was estimated to be \$100,000. ● In 1986, a winter storm brought snow amounts of: In IA: Cresco (6.5"), Fayette (6.5"), Lansing (6.5"), Decorah (6.3"), Dorchester (6"), Waucoma (6"). In MN: Grand Meadow (6.5"), Harmony (6"). In WI: Galesville (6"), Mather (6"), Neillsville (6"), Richland Center (6"). ● In 1985, Hokah, MN (6") snow. ● In 1970, Rochester, MN (6.5") and Grand Meadow, MN (6") snow. ● In 1964, Dorchester, IA (7.2") snow. |
| November 21 | <ul style="list-style-type: none"> ● In 1996, Lake City, MN (3.04", water equivalent) and Wabasha, MN (6", snow). ● In 1992, Guttenberg, IA (1.77", wettest November day) rain. ● In 1990, La Crosse, WI (72, latest occurrence in a year of a 70 degree temperature). ● In 1964, Readstown, WI (6") snow. ● In 1956, Curtiss, WI (11"), Goodrich, WI (8"), Cresco, IA (7"), Cashton, WI (6.2"), Osage, IA (6"), and Grand Meadow, MN (6") snow. ● In 1906, Viroqua, WI (6") snow. |
| November 22 | <ul style="list-style-type: none"> ● In 1985, Preston, MN (6.5") and Galesville, WI (6") snow. ● In 1963, Elgin, MN (1.82", wettest November day) rain. ● In 1909, Viroqua, WI (7"), La Crosse, WI (6.1"), and New Hampton, IA (6") snow. |
| November 23 | <ul style="list-style-type: none"> ● In 1996, Viroqua, WI (7") snow. ● In 1991, a winter storm brought snow amounts of: In IA: Oelwein (8.5"), Elkader (8"), Decorah (7.5"), Lansing (7.2"), New Hampton (7"), Dorchester (6"), Postville (6"). In MN: Hokah (12"), Preston (10"), Winona (9.5"), Rochester (7.8"), Elgin (7.5"), Lanesboro (6"), Spring Grove (6"). In WI: Cashton (13"), La Crosse (13", snowiest November day), Mondovi (11"), Westby (8.5"), Hatfield (8"), Jump River (8"), Dodge (7"), Goodrich (7"), Neillsville (6"), Ontario (6"). ● In 1983, Austin, MN (6") snow. ● In 1981, Waukon, IA (6") snow. ● In 1978, Preston, MN (6") snow. ● In 1977, Oelwein, IA (7"), Cashton, WI (6"), Dorchester, IA (6"), Elkader, IA (6"), and Muscoda, WI (6") snow. ● In 1950, Lancaster, WI had a high temperature of 51 and low temperature of -2. This 53 degree temperature difference is the greatest ever recorded in Lancaster. ● In 1931, Charles City, IA (3.81") and Osage, IA (2.65") had their wettest November day. |
| November 24 | <ul style="list-style-type: none"> ● In 1991, a winter storm brought snow amounts of: In IA: Lansing (8"), New Hampton (6"). In MN: La Crescent (10"), Caledonia (7"), Lanesboro (6"). In WI: Mather (18", greatest one-day snowfall), Viroqua (12"), Alma (11"), Owen (8"), Prairie du Chien (8"), Sparta (8"), Goodrich (6.5"), Genoa (6"). ● In 1983, Lake City, MN (6.5") snow. ● In 1981, Dorchester, IA (6") snow. ● In 1950, Jump River, WI (10") snow. |

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| November 25 | <ul style="list-style-type: none"> ● In 1993, heavy snow fell over portions of northwest, north-central and central Wisconsin with amounts ranging from 6-13". Snow covered roads led to multiple accidents. Browning, WI (13", snow) and Austin, MN (2.50", water equivalent, wettest November day). ● In 1992, Oelwein, IA (7") snow. ● In 1965, Goodrich, WI (6") snow. ● In 1952, Rochester, MN (10.6") snow. ● In 1950, Neillsville, WI (-16, coldest November temperature). ● In 1895, La Crosse, WI (6.6") snow. ● In 1883, an F3 tornado moved northeast from near Bridgeport, WI. A woman was killed as her farm house and stable were leveled and swept away. Also, two people were injured. |
| November 26 | <ul style="list-style-type: none"> ● In 1993, Owen, WI (6") snow. ● In 1992, a winter storm brought snow amounts of: In IA: Lansing (7.3"), Dorchester (7"), New Hampton (7"), Fayette (6.6"), Charles City (6.2"), Waukon (6"). In MN: Caledonia (8"), Lanesboro (8"), Spring Grove (7"), Harmony (6"). In WI: Readstown (9.5"), Mauston (9"), Gays Mills (8"), La Farge (8"), Richland Center (8"), Steuben (8"), Necedah (7"), Ontario (7"), Lancaster (6.5" snow; 2.74" water equivalent, wettest November day), Muscoda (6.3"), Hillsboro (6"), Westby (6"). ● In 1991, Mondovi, WI (-13, coldest November temperature). ● In 1977, coldest November temperatures were recorded in: In MN: Austin (-25), Preston (-19), Theilman (-17), Caledonia (-16), Winona (-11). In IA: Fayette (-20), Oelwein (-18), Decorah (-16), Osage (-15), Charles City (-14), New Hampton (-14), Guttenberg (-11). In WI: Dodge (-18), Mauston (-18), Prairie du Chien (-17), Viroqua (-17), Lancaster (-15), Platteville (-14), Alma (-10), Genoa (-9), Trempealeau (-9), Lynxville (-8). ● In 1970, Mondovi, WI (7") snow. ● In 1952, Grand Meadow, MN (9") and Elgin, MN (7") snow. ● In 1942, Viroqua, WI (7") and Grand Meadow, MN (6") snow. |
| November 27 | <ul style="list-style-type: none"> ● In 1996, Hillsboro, WI (-10, coldest November temperature). ● In 1995, a major winter storm lashed out at the southern two thirds of Wisconsin with thunder, heavy snow of 6-14", sleet, freezing rain, strong gusty winds, and near-blizzard whiteout conditions. Preceding the snow over southern Wisconsin there was a 2 to 6 hour period of sleet and/or freezing rain which glazed road surfaces. The path of the low pressure center responsible for this storm was from northern Missouri to southern Ontario, Canada. Lone Rock (11"), Richland Center (10"), Owen (8"), Mondovi (7"), and Viroqua (6") snow. ● In 1991, Hillsboro, WI (6.5") and Mauston, WI (6") snow. ● In 1985, Ontario, WI (6") snow. ● In 1977, Sparta, WI (-18, coldest November temperature). La Crescent, MN (6") snow. ● In 1949, Goodrich, WI (7.5") snow. ● In 1937, rain changed over snow during the late morning and continued to fall through the evening. La Crosse, WI (6.6") and Winona, MN (6") snow. ● In 1896, a strong polar cold front brought an end to the Indian Summer weather which southwest Wisconsin had enjoyed since November 25th. During this time period, temperatures were rather balmy for late November with high temperatures ranging from the middle 50s to lower 60s each day. However, once the cold front moved through temperatures fell into the single digits. In Viroqua, WI, the temperature fell from a high of 57 to 6. This 51 degree temperature difference is the greatest ever recorded in Viroqua. |

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| November 28 | <ul style="list-style-type: none"> ● In 1995, a winter storm brought snow amounts of: In IA: Fayette (6.2"). In WI: Muscoda (8.8"), Lynxville (8"), Richland Center (8"), Platteville (7.9"), Prairie du Chien (7"). ● In 1994, Neillsville, WI (7") snow. ● In 1985, in WI: Mather (7"), Jump River (6.5"), and Necedah (6") snow. ● In 1983, a winter storm brought snow amounts of: In MN: Austin (10"), Wabasha (6.2"). In WI: Mondovi (9"), Jump River (8.5"), Goodrich (6"), Owen (6"). ● In 1977, La Crescent, MN (10") and Readstown, WI (10") snow. ● In 1976, Owen, WI (-18, coldest November temperature). ● In 1942, Winona, MN (6") snow. ● In 1937, Mather, WI had a high temperature of 52 and low temperature of -6. This 58 degree temperature difference is the greatest ever recorded in Mather. ● In 1930, Mather, WI (-12, coldest November temperature). ● In 1918, Fayette, IA (9.5"), La Crosse, WI (6"), and New Hampton, IA (6") snow. Snow was heavy during the middle of the day at La Crosse and light after 2 PM. ● In 1887, Cresco, IA (-25) and Rochester, MN (-24) had their coldest November temperature. Cresco set an Iowa state record for the coldest November temperature. |
| November 29 | <ul style="list-style-type: none"> ● In 1988, Cashton, WI (10"), Waukon, IA (7"), Decorah, IA (6"), Hokah, MN (6"), Necedah, WI (6"), and Ontario, WI (6") snow. ● In 1983, Grand Meadow, MN (7") and Minnesota City, MN (6") snow. ● In 1978, Lake City, MN (6") snow. ● In 1976, Hatfield, WI (-24) and Waukon, IA (-13) had their coldest November temperature. ● In 1971, New Hampton, IA (6") snow. ● In 1925, Fayette, IA (6.5") and New Hampton, IA (6") snow. ● In 1919, snow began during the early morning hours of the 28th and continued through the evening of the 29th. La Crosse (8.4") snow. ● In 1875, La Crosse, WI (-21, coldest November temperature). |
| November 30 | <ul style="list-style-type: none"> ● In 2001, Rochester, MN (0.4") snow. This was the latest first occurrence of measurable snow in Rochester. ● In 1991, Jump River, WI (6") snow. ● In 1988, 6" of snow fell in these following Wisconsin locations: Mather, Mauston, Trempealeau, Viroqua, and Westby. La Crescent, MN (6") snow. ● In 1985, Ontario, WI (11"), Hokah, MN (8"), and Austin, MN (6") snow. ● In 1976, Jump River, WI (-31), Medford, WI (-19), and Necedah, WI (-19) had their coldest November temperature. ● In 1974, Dorchester, IA (6") snow. ● In 1964, Blair, WI (-8, coldest November temperature). ● In 1947, Richland Center, WI (-17, coldest November temperature). ● In 1940, snow began falling during the evening of the 29th and continued through the afternoon of the 30th. La Crosse (7") snow. ● In 1934, snow began falling during the evening of the 29th and continued into the early morning hours of December 1st. New Hampton, IA (15"), Fayette, IA (13"), La Crosse (12.8", snowiest November day), Grand Meadow, MN (9"), and Viroqua, WI (8") snow. ● In 1928, Fayette, IA (9.5") snow. ● In 1893, Grand Meadow, MN (-22, coldest November temperature). |

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| <p>December 1</p> | <ul style="list-style-type: none"> ● In 1998, Austin, MN (65) and Mondovi, WI (65) had their warmest December temperature. ● In 1990, Gays Mills, WI (6") snow. ● In 1985, (also see the 2nd) a winter storm struck the region on both the 1st and 2nd, with snow amounts of: In IA: Decorah (14.5", greatest one-day snowfall), Elkader (12"), Oelwein (12"), Waucoma (11"), New Hampton (9"), Fayette (8"), Osage (8"), Charles City (7.5"), Lansing (7.4"), Cresco (7"), Dorchester (6"). In MN: Winona (16", tied March 19, 1933 and March 30, 1934 for greatest one-day snowfall), Spring Grove (15", greatest one-day snowfall), Hokah (10"), Minnesota City (8"), Rochester (7.3"), Harmony (7"), Grand Meadow (6.5"), La Crescent (6"), Lanesboro (6"). In WI: Jump River (17", greatest one-day snowfall), Necedah (16", greatest one-day snowfall), Westby (13.5", greatest one-day snowfall), Cashton (12"), Lynxville (12"), Prairie du Chien (12"), Mondovi (11.5", greatest one-day snowfall), Hillsboro (11"), Platteville (11"), Dodge (8"), Richland Center (8"), Viroqua (8"), Mather (8"), Muscoda (7"), Neillsville (7"), Galesville (6"), Genoa (6"), Lancaster (6"), Ontario (6"). ● In 1981, Preston, MN (9"), Cresco, IA (8"), and Lanesboro, MN (6") snow. ● In 1962, Hatfield, WI (64), Decorah, IA (63), and Charles City, IA (62) had their warmest December temperature. ● In 1954, a winter storm brought snow amounts of: In IA: Lansing (9"), Cresco (7"), Decorah (6.5"), Osage (6"). In MN: Grand Meadow (7"). In WI: Viroqua (7"), Genoa (6.5"), Lynxville (6"), Muscoda (6"), Neillsville (6"). ● In 1949, Dorchester, IA (6.5"), Lansing, IA (6"), Muscoda, WI (6"), and New Hampton, IA (6") snow. ● In 1940, Viroqua, WI (7") snow. |

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| <p>December 2</p> | <ul style="list-style-type: none"> ● In 1998, Grand Meadow, MN (62) and Jump River, WI (61) had their warmest December temperature. ● In 1985, (also see the 1st) the significant snow storm from the 1st continued to effect the region, with snow amounts of: In IA: Dorchester (18", greatest one-day snowfall), Waukon (14", greatest one-day snowfall), Fayette (8.5"), Lansing (8"), Charles City (6.5"), Cresco (6"), Elkader (6"). In MN: La Crescent (13"), Preston (12.5"), Harmony (8"), Lanesboro (8"), Caledonia (6.5"), Elgin (6"), Grand Meadow (6"), Minnesota City (6"). In WI: Hatfield (16"), Soldiers Grove (15", greatest one-day snowfall), Sparta (15"), Viroqua (15" snow; 2.20" water equivalent, wettest December day), Dodge (11"), Goodrich (11"), Owen (11", greatest one-day snowfall), Mather (10"), Alma (8"), Genoa (8"), Muscoda (6.5"), Prairie du Chien (6"), Richland Center (6"). ● In 1984, a winter storm brought snow amounts of: In MN: Minnesota City (6"). In WI: Mondovi (6.7"), Jump River (6.5"), Cashton (6"), Hatfield (6"), Neillsville (6"). ● In 1982, warmest December temperatures were recorded in: In IA: Elkader (65). In MN: Caledonia (62), Theilman (62). In WI: Genoa (65), Prairie du Chien (65), Alma (64), Dodge (64), Hillsboro (64), Lynxville (64), Neillsville (63), Trempealeau (63), Viroqua (63). ● In 1980, a winter storm brought snow amounts of: In IA: Fayette (6"). In MN: Harmony (10"), Lanesboro (9.3"), Winona (7.2"), Caledonia (7"), Spring Grove (7"), Preston (6.5"), Elgin (6"), Zumbro Falls (6). In WI: Dodge (7"), Richland Center (7"), Sparta (7"), Mauston (6"), Necedah (6"), Ontario (6"), Westby (6"). ● In 1972, Hatfield, WI (6") snow. |
| <p>December 3</p> | <ul style="list-style-type: none"> ● In 1998, Necedah, WI (63, warmest December temperature). ● In 1997, Cuba City, WI (6") snow. ● In 1990, a winter storm moved northeast out of the southern Plains on the 2nd, moving across Missouri and Illinois on the 3rd and 4th. The storm brought blizzard conditions, with heavy snow and winds gusting to 60 mph. The bulk of the snow fell on the 3rd, while some locations received a foot or more of snow over the life of the storm. Snow totals from the blizzard: In IA: Elkader (12"), Cresco (10.5"), Fayette (10.5"), Decorah (10"), Lansing (9.1"), New Hampton (9"), Oelwein (9"), Osage (9"), Mason City (8.3"), Charles City (7.4"). In MN: Minnesota City (14"), Caledonia (13"), Lanesboro (13"), La Crescent (11"), Wabasha (9.4"), Grand Meadow (9.0"), Preston (8.5"), Rochester (8.4"), Winona (7.0"). In WI: Platteville (18.4", all occurred on the 3rd for their greatest one-day snowfall), Lancaster (16"), Trempealeau (16"), Mauston (15"), Ontario (15"), Sparta (14.5"), La Crosse (14.4", all occurred on the 3rd for their greatest one-day snowfall), Dodge (14"), Prairie du Chien (13"), Viroqua (13"), Alma (12"), Westby (12"), Lynxville (11"), Necedah (11" snow; 1.10" water equivalent, all occurred on the 3rd for their wettest December day), Gays Mills (9"), Mondovi (8"). ● In 1988, Ontario, WI (6") snow. ● In 1982, Blair, WI (64), Preston, MN (63), Mather, WI (62), Owen, WI (60), and Medford, WI (59) had their warmest December temperature. ● In 1970, Waukon, IA (63, warmest December temperature). ● In 1951, Lancaster, WI (62, warmest December temperature). ● In 1934, Winona, MN (8") and Grand Meadow, MN (6") snow. |
| <p>December 4</p> | <ul style="list-style-type: none"> ● In 1998, Oelwein, IA (66, warmest December temperature). ● In 1973, Preston, MN (6.5") and Austin, MN (6") snow. |

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| <p>December 5</p> | <ul style="list-style-type: none"> ● In 2001, a strong low pressure system moved northeast from southeast South Dakota into northeast Minnesota. At the same time, a strong cold front moved east across the Upper Mississippi Valley. Strong southerly winds ahead of this cold front helped temperatures climb into the lower and middle 60s across the region. Many record high temperatures were established for the date (and also on the 4th). Sparta, WI and Prairie du Chien, WI had a high temperature of 66 which is their warmest December temperature. In addition, strong thunderstorms developed along the cold front. The winds gusted to 50 mph at New Lisbon, WI and a severe thunderstorm produced nickel size hail just south of Eyota, MN. ● In 1998, La Crosse, WI (67), Winona, MN (65), and New Hampton, IA (63) had their warmest December temperature. ● In 1994, the first major winter storm of the season began affecting southern Wisconsin on this day. The first round began Monday night, the 5th and ended during the morning hours of the 6th. One-half to 1.5" of snow fell in this first round. The second round of heavier snow started in the afternoon hours of Tuesday the 6th and ended during the morning hours of the 7th. The southern quarter of the state south of a line from Prairie du Chien to Sheboygan received 5-12" of relatively wet snow in the second round of snow. The greatest totals were across Wisconsin's southern tier of counties. ● In 1977, Westby, WI (7"), Oelwein, IA (6.5"), and Lancaster, WI (6") snow. ● In 1973, a winter storm brought snow amounts of: In IA: Decorah (7" snow; 1.36" water equivalent, wettest December day), Guttenberg (1.34", wettest December day). In MN: Grand Meadow (8"), Harmony (8"), Lake City (7"), Winona (7"), Lanesboro (6"), Minnesota City (6"), Theilman (6"), Wabasha (6"). In WI: Goodrich (8"), Curtiss (6"), Dodge (6"). ● In 1972, in MN: Elgin (7"), Rochester (6.1"), and Grand Meadow (6") snow. ● In 1950, Jump River, WI (7") snow. ● In 1948, Charles City, IA (1.35", wettest December day) water equivalent precipitation. ● In 1947, Grand Meadow, MN (6") snow. ● In 1925, Fayette, IA (8") snow. |
| <p>December 6</p> | <ul style="list-style-type: none"> ● In 1998, Platteville, WI (64), Richland Center, WI (64), and Mauston, WI (63) warmest December temperature. ● In 1994, Oelwein, IA (6") snow. ● In 1982, Harmony, MN (7" snow; 1.75" water equivalent, wettest December day). ● In 1972, Theilman, MN (8") snow. ● In 1950, a winter storm brought snow amounts of: In IA: Decorah (6"), New Hampton (6"), Oelwein (1.40" water equivalent, wettest December day). In MN: Lake City (6"), Winona (6"). In WI: Alma (8"), Mondovi (7.5"), Muscoda (6"). ● In 1908, Fayette, IA (6") snow. |

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| December 7 | <ul style="list-style-type: none"> ● In 1994, a winter storm brought snow amounts of: In IA: Elkader (9"), Prairie du Chien (8"), Postville (8"), Fayette (6.9"), Waucoma (6"). In WI: Cuba City (12"), Platteville (11.5"), Lancaster (8.2"). ● In 1969, a winter storm brought snow amounts of: In WI: Platteville (9.2"), Richland Center (8.5"), Cashton (7"), Mauston (7"), Mondovi (7"), La Crosse (6"). In IA: Osage (7"), Cresco (6.5"), Oelwein (6.5"), New Hampton (6.2"). In MN: Elgin (6.3"), Grand Meadow (6"), Spring Grove (6"). ● In 1967, Mauston, WI (1.18", wettest December day) water equivalent precipitation. ● In 1950, Austin, MN (6.5"), Grand Meadow, MN (6"), and Mondovi, WI (6") snow. ● In 1949, Goodrich, WI (7") snow. ● In 1927, snow began during the evening of the 6th and continued through the 7th. The La Crosse area picked up a total of 18.3" of snow from this storm. In addition, northwest winds of 15 to 25 mph caused considerable drifting. This made some roads impassible and delayed several trains. Some precipitation totals from the 7th: La Crosse, WI (16.7"), New Hampton, IA (8"), Blair, WI (1.80" water equivalent, wettest December day). |
| December 8 | <ul style="list-style-type: none"> ● In 1983, Dorchester, IA (6") snow. ● In 1977, Mauston, WI (7") and Oelwein, IA (7") snow. ● In 1969, a winter storm brought snow amounts of: In WI: Lancaster (11"), Muscoda (9"), Owen (7"), Goodrich (6.4"), Curtiss (6"), Mather (6"), Prairie du Chien (6"). In MN: Harmony (8.5"), La Crescent (6"). ● In 1950, in WI: Neillsville (9"), Jump River (9"), Hatfield (8"), Goodrich (6"), Mather (6") snow. ● In 1947, Grand Meadow, MN (8") and Winona, MN (6") snow. ● In 1946, Charles City, IA (63) and Osage, IA (62) had their warmest December temperature. ● In 1927, Fayette, IA (8" snow; 1.40" water equivalent, wettest December day). ● In 1924, New Hampton, IA (10") snow. |
| December 9 | <ul style="list-style-type: none"> ● In 1983, Prairie du Chien, WI (7") and Decorah, IA (6.5") snow. ● In 1961, Lanesboro, MN (20", greatest one-day snowfall), Charles City, IA (6.7"), New Hampton, IA (6"), and Waucoma, IA (6") snow. ● In 1953, Platteville, WI (7.5") snow. |
| December 10 | <ul style="list-style-type: none"> ● In 2000, Cuba City, WI (11.2") snow. ● In 1970, Cresco, IA (11"), Lake City, MN (7"), Austin, MN (6.5"), and Richland Center, WI (6") snow. ● In 1961, Lake City, MN (6.5") snow. ● In 1953, Lancaster, WI (6") snow. ● In 1949, Prairie du Chien, WI (6.5") snow. ● In 1911, Rochester, MN (1.19", wettest December day). It is also the only time that Rochester has had over an inch of (water equivalent) precipitation in December. Wettest December days were also recorded in: New Hampton, IA (2.98"), Hatfield, WI (2"), Lancaster, WI (1.92"). |

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| <p>December 11</p> | <ul style="list-style-type: none"> ● In 2000, Crawford, Grant, Richland, and Vernon Counties in southwest Wisconsin were hit by the first snowstorm of the season. Between 12 AM and 11:45 PM 5-7" of snow fell. Some snow amounts: Oelwein, IA (8"), Muscodia, WI (7.5"), Cuba City, WI (7"), Mt. Sterling, WI (7"). ● In 1983, Harmony, MN (7") snow. ● In 1970, a winter storm brought snow amounts of: In IA: Lansing (12"), Osage (12"), Decorah (10"), Waucoma (10"), Charles City (9"), New Hampton (9"), Elkader (7"), Waukon (6"), Fayette (6"). In MN: Harmony (10.5"), Winona (9.8"), Grand Meadow (9"), Minnesota City (8.5"), La Crescent (8"), Lanesboro (8"). In WI: Muscodia (13"), Readstown (12"), Hillsboro (10"), Lynxville (10"), Prairie du Chien (10"), Westby (10"), Mather (9.2"), Viroqua (9"), Dodge (8"), Genoa (8"), Lancaster (8"), Sparta (8"), Trempealeau (8"), Mauston (6.5"), Mondovi (6"), Richland Center (6"). ● In 1961, Alma, WI (7") and Dodge, WI (6") snow. ● In 1949, Waukon, IA (0.94", wettest December day) rain. ● In 1932, Viroqua, WI (7"), New Hampton, IA (6"), and Winona, MN (6") snow. ● In 1904, Fayette, IA (6") snow. |
| <p>December 12</p> | <ul style="list-style-type: none"> ● In 2000, Waucoma, IA (6") snow. ● In 1972, a winter storm brought snow amounts of: In IA: Dorchester (9"), Oelwein (7.5"), Elkader (7"). In MN: Elgin (6.2"), Rochester (6"). In WI: La Crosse (8.5"), Muscodia (8"), Mauston (7"), Richland Center (7"), Platteville (6.7"). ● In 1965, Medford, WI (1.62"), Mondovi, WI (1.56"), Alma, WI (1.48"), Austin, MN (1.36"), and Jump River, WI (1.15") had their wettest December day. ● In 1961, a winter storm brought snow amounts of: In IA: Lansing (8.7"), Dorchester (8"), Waucoma (8"), Charles City (7"), Elkader (7"), Decorah (6"), New Hampton (6"). In MN: Lanesboro (8"), Lake City (7"), Winona (7"), Harmony (6"). In WI: Jump River (11"), Goodrich (9"), Hatfield (9"), Hillsboro (9"), Mather (9"), Mauston (9"), Lancaster (8"), Sparta (8"), Necedah (8"), Viroqua (8"), Lynxville (7"), Owen (7"), Prairie du Chien (7"), Curtiss (6"), Mondovi (6"), Muscodia (6"), Neillsville (6"), Readstown (6"). ● In 1956, Elkader, IA (8") and Oelwein, IA (6") snow. ● In 1941, Fayette, IA (15") and Winona, MN (6") snow. ● In 1899, a strong winter storm moved into the region on the 11th and continued into the 12th. This storm produced 16" (6" on the 11th, 10" on the 12th) of snow in La Crosse, WI. Wettest December days were recorded in: Caledonia, MN (3.66") and La Crosse, WI (1.86"). |

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| December 13 | <ul style="list-style-type: none"> ● In 1995, strong warm air advection and an influx of Gulf moisture produced a mixed bag of precipitation ahead of an area of low pressure moving eastward through central Wisconsin. The northeast one-quarter of Wisconsin and a small part of the east-central area received approximately 6" or more of heavy wet snow. This included Taylor County. A good portion of the remainder of the central and northeast sections of Wisconsin had ice accumulations of 1/4 to 1/2 inch on top of 1-5" of snow. Southern Wisconsin had a glazing (less than 1/4") of freezing rain or freezing drizzle with less than 1" of snow accumulations. Hundreds of vehicle accidents were reported which resulted in numerous indirectly-related personal injuries. Many schools and colleges either let classes out early or canceled them. Scattered power outages resulted from the wind bouncing ice-covered wires. This winter storm continued into the 14th. ● In 1983, Lake City, MN (6.1") snow. ● In 1973, Elkader, IA (6") snow. ● In 1972, Dodge, WI (8.4"), La Crescent, MN (7"), and Alma, WI (6") snow. ● In 1965, Owen, WI (1.21", wettest December day) water equivalent precipitation. ● In 1956, Lancaster, WI (7") and Fayette, IA (6") snow. ● In 1920, New Hampton, IA (6") snow. ● In 1903, Caledonia, MN (-29, coldest temperature on record). ● In 1901, Grand Meadow, MN (-30, coldest December temperature). |
| December 14 | <ul style="list-style-type: none"> ● In 1996, a winter storm produced around 6" of snow in Taylor County, WI. The snow fell from 7 PM on the 14th to 3 AM on the 15th. The snow was accompanied by considerable blowing and drifting, creating drifts 2 to 4 feet high. ● In 1995, Goodrich, WI (7") snow. ● In 1990, Ontario, WI (7") snow. ● In 1987, Ontario, WI (6") snow. ● In 1984, Austin, MN (6") snow. ● In 1983, La Crescent, MN (6") snow. ● In 1975, Mather, WI (1.61") and Genoa, WI (1.21") wettest December day. ● In 1937, New Hampton, IA (6") snow. |
| December 15 | <ul style="list-style-type: none"> ● In 1990, a winter storm brought snow amounts of: In IA: Elkader (6"), Lansing (6.1"). In MN: Wabasha (6.3"). In WI: Dodge (8"), Mondovi (7"), Westby (7"), Jump River (6"), Necedah (6"), Viroqua (6"). ● In 1987, a winter storm brought snow amounts of: In IA: Waukon (8"), Dorchester (7"), Lansing (7"), Elkader (6"), Oelwein (6"). In MN: Hokah (6.5"). In WI: Platteville (8.7"), Prairie du Chien (6"), Richland Center (6"). ● In 1973, in IA: Dorchester (6"), Fayette (6"), Waucoma (6") snow. ● In 1971, Platteville, WI (2.51", wettest December day) rain. ● In 1940, Winona, MN (7.5") snow. ● In 1901, Neillsville, WI (-36, coldest December temperature). |
| December 16 | <ul style="list-style-type: none"> ● In 1990, Mather, WI (8") and La Crosse, WI (7.1") snow. ● In 1940, snow began falling during the morning of the 15th and continued to fall through the evening of the 16th. Grand Meadow, MN (10") and La Crosse, WI (9") snow. Richland Center, WI (1.29" water equivalent, wettest December day). |

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| December 17 | <ul style="list-style-type: none"> ● In 1990, a winter storm brought snow amounts of: In MN: Hokah (8"), Winona (7"). In WI: Dodge (8"), Hatfield (6.5"), Hillsboro (6"), Necedah (6"), Ontario (6"), Westby (6"). ● In 1961, Mather, WI (6") and Winona, MN (6") snow. ● In 1939, La Crosse, WI (63, warmest December day, also the latest 60 degree temperature in a year). ● In 1904, New Hampton, IA (10") snow. |
| December 18 | <ul style="list-style-type: none"> ● In 2000, 4-8" of snow fell between 6 AM and 11:30 PM across southwest and central Wisconsin, making it the second significant snowfall event in a week. Snow amounts from this event: In IA: Lansing (6"), Oelwein (6"). In MN: Austin (8"), Rochester (7.2"). In WI: Galesville (8"), Prairie du Chien (8"), Cashton (7"), Victory (6.5"), La Farge (6"), Genoa (6"), Mather (6"). ● In 1990, a winter storm brought snow amounts of: In IA: Dorchester (6"), Osage (6"). In MN: La Crescent (11"), Grand Meadow (7.5"), Lanesboro (7"). In WI: Mather (9"), Neillsville (8"), Sparta (8"), Mauston (6.5"), Trempealeau (6"). ● In 1983, Hillsboro, WI (-33, coldest December temperature). |
| December 19 | <ul style="list-style-type: none"> ● In 2000, a winter storm brought snow amounts of: In IA: New Hampton, (6"), Waucoma (6"). In WI: Mather (8"), Richland Center (7"), Alma (6"), La Farge (6"), Mauston (6"). ● In 1983, coldest December temperatures were recorded in: In IA: Cresco (-30). In MN: Theilman (-38), Preston (-35), Rochester (-33), Winona (-28). In WI: Jump River (-47, tied January 2, 1979 for coldest temperature on record), Blair (-39), Hatfield (-39, also coldest temperature on record), Dodge (-38), Mondovi (-38), Viroqua (-36), Owen (-33), La Crosse (-30), Mauston (-30), Mather (-29), Lancaster (-27), Platteville (-26). ● In 1971, Owen, WI (7") snow. ● In 1968, a winter storm brought snow amounts of: In MN: Winona (9.5"), Minnesota City (8"), Spring Grove (8"), Wabasha (8"), La Crescent (7"), Lake City (6.5"), Preston (6.5"), Elgin (6.2"), Austin (6"). In WI: Hatfield (12"), Mather (11.5"), Neillsville (11"), Mondovi (10"), Mauston (8.5"), Goodrich (8.3"), Hillsboro (8"), Alma (8"), Sparta (7.5"), Dodge (7"), Owen (7"), Readstown (6"), Lynxville (1.14" water equivalent, wettest December day). ● In 1960, Elkader, IA (7") snow. ● In 1948, Spring Grove, MN (6") snow. |
| December 20 | <ul style="list-style-type: none"> ● In 2000, Lansing, IA (8") snow. ● In 1971, Grand Meadow, MN (6") snow. ● In 1960, in IA: Charles City (6.1"), New Hampton (6"), Osage (6") snow. ● In 1952, a winter storm brought snow amounts of: In IA: Dorchester (6"). In MN: Caledonia (6.5"), Harmony (6"). In WI: West Salem (6.7"), Mather (6"), Mauston (6"). ● In 1951, Goodrich, WI (7") snow. ● In 1897, La Crosse, WI (7.6") snow. |

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| December 21 | <ul style="list-style-type: none"> ● In 2000, Muscoda, WI (7") and Richland Center, WI (6") snow. ● In 1984, Jump River, WI (8") snow. ● In 1978, Lake City, MN (6") snow. ● In 1977, Muscoda, WI (6") snow. ● In 1969, Harmony, MN (7") snow. ● In 1951, Neillsville, WI (6") snow. ● In 1920, New Hampton, IA (10") and La Crosse, WI (9") snow. |
| December 22 | <ul style="list-style-type: none"> ● In 1969, Rochester, MN (6.7") snow. ● In 1968, a winter storm brought snow amounts of: In MN: Winona (8.5"), Elgin (8"), Austin (7"), Lake City (6.2"), Rochester (6.2"), Minnesota City (6"), Preston (6"), Wabasha (6"). In WI: Jump River (8"), Mondovi (7"), Dodge (6"), Neillsville (6"), Richland Center (6"). ● In 1960, Fayette, IA (7.5") snow. ● In 1959, Cashton, WI (6") snow. |
| December 23 | <ul style="list-style-type: none"> ● In 2001, La Crosse, WI had their first measurable snow (0.6") of the season. This is the latest date for the first measurable snowfall for a season in La Crosse. ● In 1996, a winter storm produced 6-10" of snow across portions of central and southwest Wisconsin. The snow fell from around noon on the 23rd to 5 AM on the 24th. The snow was accompanied by considerable blowing and drifting which created drifts as high as 4 feet. Some snow amounts: Readstown (6.2"), Lynxville (6"). ● In 1969, a winter storm brought snow amounts of: In IA: Waucoma (8"), Elkader (7"), Decorah (6.5"), Dodge (6"), Fayette (6"), Waukon (6"). In MN: Grand Meadow (10"), Lanesboro (8"), Spring Grove (6"). In WI: Platteville (8.1"), Prairie du Chien (8"), Lynxville (7"). ● In 1959, Lancaster, WI (7") snow. ● In 1951, Prairie du Chien, WI (6") snow. |
| December 24 | <ul style="list-style-type: none"> ● In 1996, in WI: Gays Mills (9"), Mauston (9"), Alma (8"), Steuben (8"), Hillsboro (6"), La Farge (6"), Prairie du Chien (6") snow. ● In 1983, Alma, WI (-32) and Waukon, IA (-27) had their coldest December temperature. ● In 1978, Zumbro Falls, MN (6") snow. ● In 1951, New Hampton, IA (8") snow. ● In 1949, a strong warm front moved through southwest Wisconsin. After a morning low of -21 at La Crosse, WI, the temperature climbed to 34 later in the day. This 55 degree temperature difference is the greatest ever recorded in La Crosse. ● In 1895, it looked like the La Crosse, WI area would see a brown Christmas. However, that would change as a result of a strong low pressure system moving through the region on Christmas Eve and Christmas morning. Rain began at 10:30 AM in the morning and then changed over to snow by 4:10 PM. The snow continued to fall through the remainder of the night. By Christmas morning, 11.5" of snow had fallen. ● In 1872, La Crosse, WI (-37, coldest December temperature). |

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| December 25 | <ul style="list-style-type: none"> ● In 2000, La Crosse, WI (-26, tied with 1879) and Rochester, MN (-25) had their coldest Christmas Day. ● In 1996, Lancaster and Platteville in southwest Wisconsin received 6" of snow while areas further north near the Wisconsin River picked up 2-3". The snow fell from 2 PM on the 25th to 10 AM on the 26th. ● In 1977, Dodge, WI (6") snow. ● In 1969, Lancaster, WI (7") snow. ● In 1962, Cresco, IA (7"), Decorah, IA (7"), Dorchester, IA (6.2"), and Lancaster, WI (6") snow. ● In 1955, Rochester, MN (10.3", snowiest December day) snow. ● In 1950, Harmony, MN (6"), West Salem, WI (6"), and La Crosse, WI (5.3") snow. ● In 1945, snow began falling during the morning of the 24th and continued into the early morning hours of the 26th. Some snow amounts: Grand Meadow, MN (9"), La Crosse, WI (7.9"), New Hampton, IA (6"). ● In 1936, La Crosse, WI (55) and Rochester, MN (50) had their warmest Christmas Day. ● In 1933, Medford, WI (-31, coldest December temperature). ● In 1895, a snow storm that began on the afternoon of Christmas Eve in La Crosse, WI ended early Christmas morning. Residents awoke to find 11.5" of snow on the ground. What looked to be a brown Christmas was now a rather "white" Christmas. ● In 1879, the temperature plunged to -26 at La Crosse, WI. This stood as their coldest Christmas until 2000, when it was tied. |
| December 26 | <ul style="list-style-type: none"> ● In 1996, Cuba City, WI (6") snow. ● In 1962, Necedah, WI (-32, coldest December temperature). ● In 1955, Spring Grove, MN (6.1"), Dorchester, IA (6"), and Lanesboro, MN (6") snow. ● In 1950, a winter storm brought snow amounts of: In IA: Lansing (7"), Fayette (6.5"), Decorah (6"). In MN: Grand Meadow (7"), Winona (7"), La Crescent (6"). In WI: Muscoda (7"), Steuben (6"), Trempealeau (6"). ● In 1941, snow began falling on Christmas morning and continued into the afternoon of the 26th. Some snow amounts: Grand Meadow, MN (8"), La Crosse, WI (7.6"), Fayette, IA (7"), Viroqua, WI (7"), New Hampton, IA (6"), Winona, MN (6"). ● In 1911, snow began on the 26th and continued into the 27th. La Crosse, WI (10") and New Hampton, IA (6") snow. |
| December 27 | <ul style="list-style-type: none"> ● In 1982, Theilman, MN (1.38", wettest December day) water equivalent precipitation. ● In 1971, Jump River, WI (7") snow. ● In 1966, Readstown, WI (9") snow. ● In 1950, coldest December temperatures were recorded in: In MN: Austin (-33). In IA: Decorah (-36), Fayette (-34), Elkader (-31), Osage (-30), Oelwein (-28), Guttenberg (-27). In WI: Sparta (-35), Trempealeau (-33), Lynxville (-26), Prairie du Chien (-26), Genoa (-25). ● In 1933, Richland Center, WI (-31), New Hampton, IA (-29), and Charles City, IA (-25) had their coldest December temperature. ● In 1904, 26" of snow fell in Neillsville, WI, which stands as the greatest one-day snowfall in Wisconsin. La Crosse, WI (10.5"), New Hampton, IA (10"), and Fayette, IA (7") snow. Elkader, IA (1.45", water equivalent) and Prairie du Chien, WI (1.40", water equivalent) had their wettest December day. ● In 1903, Charles City, IA had a high temperature of 43 and a low of -12. This 55 degree temperature difference is the greatest ever recorded in Charles City. |

December 28

- In 2000, Buffalo, Crawford, Grant, La Crosse, Trempealeau, and Vernon Counties in southwest Wisconsin were hit by a winter storm, which produced 5-7" of snow between 11 AM and 11:25 PM. Some snow amounts: Victory (7"), Lancaster (6.5"), Arcadia (6"), Westby (6").
- In 2000, Rochester, MN (8.1"), Austin, MN (7"), Oelwein, IA (7"), and Waukon, IA (6.4") snow.
- In 1987, a winter storm brought snow amounts of:
In IA: Waukon (13"), Dorchester (12"), Osage (12"), Decorah (11.5"), Cresco (8"), Oelwein (8"), Charles City (7"), New Hampton (7"), Elkader (6"), Fayette (6"), Lansing (6").
In MN: Austin (11"), Grand Meadow (8"), Harmony (6"), Spring Grove (7").
In WI: Platteville (12.8"), Gays Mills (9"), Prairie du Chien (9"), Lancaster (8").
- In 1984, Guttenberg, IA (65, warmest December temperature).
- In 1982, wettest December days were recorded in:
In IA: Osage (1.78"), Cresco (1.51").
In MN: Preston (1.72"), Lanesboro (1.62"), Grand Meadow (1.58"), Elgin (1.51").
In WI: Trempealeau (1.31"), Dodge (1.28").
- In 1971, Winona, MN (6.3") snow.
- In 1969, Grand Meadow, MN (8"), Harmony, MN (7"), Elgin, MN (6.5"), Alma, WI (6"), and Dodge, WI (6") snow.
- In 1968, a winter storm brought snow amounts of:
In IA: Decorah (8"), Waucoma (8"), Lansing (6.2"), Cresco (6"), Elkader (6"), Fayette (6"), Oelwein (6").
In MN: Caledonia (7"), Spring Grove (7"), Harmony (6").
In WI: Mather (9"), Mauston (9"), Richland Center (8"), Viroqua (8"), Prairie du Chien (7"), Sparta (7"), Dodge (6.2"), Galesville (6"), Lancaster (6"), Lynxville (6"), Muscoda (6").
- In 1966, a winter storm brought snow amounts of:
In IA: Elkader (11"), Lansing (7.1"), Fayette (6.5"), Charles City (6.2"), Decorah (6"), New Hampton (6"), Osage (6"), Waukon (6").
In MN: Elgin (9"), Preston (9"), Spring Grove (8"), Rochester (7.8"), Austin (7.3"), Winona (6.3"), Caledonia (6").
In WI: Prairie du Chien (11"), Richland Center (11"), Platteville (10.7"), Mauston (9"), La Crosse (8.6"), Necedah (8.5"), Lancaster (8"), Mondovi (8"), Westby (8"), Muscoda (7"), Lynxville (6.5"), Mather (6"), Viroqua (6").
- In 1959, Goodrich, WI (1.18") and Hillsboro, WI (1.00") had their wettest December day.
- In 1954, Lancaster, WI (6") snow.
- In 1948, Harmony, MN (7") and Theilman, MN (6") snow.
- In 1904, Viroqua, WI (14") snow. Neillsville, WI (2.00" water equivalent, wettest December day).

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| <p>December 29</p> | <ul style="list-style-type: none"> ● In 2000, a winter storm brought snow amounts of: In IA: New Hampton (8"), Waucoma (7"), Dorchester (6.5"), Fayette (6.3"), Cresco (6"). In MN: Grand Meadow (9"), Hokah (8"), La Crescent (8"), Preston (8"), Strawberry Point (7.2"), Harmony (7"), Wabasha (6.9"), Caledonia (6.5"), Elgin (6.1"), Dodge Center (6"), Lanesboro (6"), Spring Valley (6"), Minnesota City (6"). In WI: Genoa (8"), Alma (7"), Trempealeau (7"), Lynxville (6.5"), Platteville (6"), Westby (6"). ● In 1987, Elkader, IA (6") snow. ● In 1968, Readstown, WI (9") snow. ● In 1966, Genoa, WI (9"), Dodge, WI (7"), Galesville, WI (6.1"), and La Crescent, MN (6") snow. ● In 1948, a winter storm brought snow amounts of: In IA: Cresco (8.1"), Lansing (6"). In MN: Grand Meadow (9"), Minnesota City (8"), Spring Grove (8"), Winona (8"), Elgin (7"). In WI: Sparta (12"), Hatfield (8"), Mather (8"), Mauston (8"), Trempealeau (8"), West Salem (8"), Dodge (6.2"), Hillsboro (6"). ● In 1946, Grand Meadow, MN (6") snow. |
| <p>December 30</p> | <ul style="list-style-type: none"> ● In 1978, this day marked the start of a streak of 52 consecutive days with temperatures not reaching above freezing (32) for La Crosse, WI. The streak ran through February 19, 1979. ● In 1971, a winter storm brought snow amounts of: In IA: Dorchester (8"), Osage (7"), Waucoma (6.7"), Decorah (6.5"), New Hampton (6.5"). In MN: Spring Grove (7.5"), Harmony (7"), Austin (6"), Caledonia (6"), Lake City (6"). In WI: Mauston (11"), La Crosse (8.1"), Sparta (8"), Hillsboro (7.5"), Mather (7"), Cashton (6.5"), Platteville (6.1"), Genoa (6"), Lancaster (6"), Lynxville (6"), Richland Center (6"), Viroqua (6"), Westby (6"). ● In 1907, Fayette, IA (12") snow. ● In 1899, Fayette, IA (71, warmest December temperature). |
| <p>December 31</p> | <ul style="list-style-type: none"> ● In 2000, 3" of snow fell in Austin, MN increasing their snow depth to 32" on the ground. This is their greatest snow depth ever recorded. ● In 1982, Lake City, MN (7") snow. ● In 1977, Rochester, MN (7.3") snow. ● In 1948, Lake City, MN (7") snow. ● In 1923, snow began at La Crosse, WI during the afternoon of the 29th and continued until 3 PM on the 31st. Snow amounts: La Crosse (13", storm total), New Hampton, IA (6"), Viroqua, WI (6"). ● In 1911, La Crosse, WI (8") snow. |

Appendix

All-Time Temperatures Records for the Area

| Location | Warmest Day | Coldest Day | Warmest Month | Coldest Month | Warmest Year | Coldest Year | Start of Record |
|----------------------|----------------------------|---------------------------------------|---------------------------|---------------|--------------|--------------|-----------------|
| Charles City, IA | 108 7/21/1901 | -34 1/12/1912 | 80.2 Jul 1936 | -2.3 Jan 1912 | 51.5 1931 | 41.7 1917 | 1896 |
| Cresco, IA | 102 7/31/1955 | -36 2/3/1996 2/2/1996 | 79.0 Aug 1947 | -1.5 Jan 1977 | 47.8 1998 | 41.1 1979 | 1896 |
| Decorah, IA | 111 7/14/1936 | -43 1/30/1951 | 80.4 Jul 1901 | -2.1 Jan 1912 | 50.8 1998 | 42.0 1924 | 1896 |
| Elkader, IA | 111 7/24/1901 | -47 2/3/1996 | 83.4 Jul 1901 | -1.3 Jan 1912 | 50.8 1987 | 43.5 1951 | 1896 |
| Fayette, IA | 110 7/14/1936 7/24/1901 | -40 2/3/1996 | 82.4 Jul 1901 | -1.3 Jan 1912 | 51.5 1931 | 41.6 1996 | 1896 |
| New Hampton, IA | 110 7/14/1936 7/13/1936 | -34 1/15/1963 1/12/1912 | 80.4 Jul 1936 | -2.2 Jan 1912 | 51.1 1931 | 41.7 1950 | 1897 |
| Oelwein, IA | 103 8/17/1988 7/31/1988 | -32 2/3/1996 | 77.7 Jul 1955 | 3.3 Jan 1977 | 49.8 1998 | 43.9 1951 | 1948 |
| Osage, IA | 103 7/4/1911 | -35 1/12/1912 | 77.8 Jul 1901 | -1.8 Jan 1912 | 50.7 1987 | 41.8 1951 | 1899 |
| Waukon, IA | 102 7/14/1995 | -34 2/4/1996 2/3/1996 2/2/1996 | 77.6 Aug 1941 | 2.7 Jan 1977 | 48.8 1987 | 41.9 1996 | 1945 |
| Austin, MN | 100 6/21/1988 | -42 1/15/1963 | 76.5 Jul 1995 | 0.5 Jan 1979 | 51.3 1987 | 40.8 1996 | 1948 |
| Caledonia, MN | 103 7/21/1901 | -37 1/15/1963 | 77.3 Jul 1901 | -1.8 Jan 1912 | 47.1 1973 | 40.0 1917 | 1896 |
| Grand Meadow, MN | 107 5/31/1934 | -38 1/12/1912 | 78.1 Jul 1936 | -4.1 Jan 1912 | 48.8 1931 | 40.2 1951 | 1891 |
| Rochester, MN | 108 7/14/1936 | -42 1/7/1887 | 77.6 Jul 1936 | -2.3 Jan 1912 | 49.8 1931 | 39.8 1917 | 1886 |
| Winona, MN | 108 7/12/1936 | -35 1/12/1912 | 81.0 Jul 1936 | -1.0 Jan 1912 | 52.2 1998 | 41.8 1917 | 1896 |
| La Crosse, WI | 108 7/13/1995 7/14/1936 | -43 1/18/1873 | 79.5 Jul 1936 | -1.1 Jan 1912 | 51.7 1998 | 41.9 1917 | 1872 |
| Lancaster, WI | 108 7/14/1936 | -31 2/3/1996 2/2/1996 1/23/1963 | 81.3 Jul 1936 Jul 1916 | 0.7 Jan 1912 | 52.2 1931 | 42.9 1996 | 1896 |
| Mauston, WI | 103 7/14/1995 | -37 1/13/1912 1/12/1912 | 76.9 Jul 1955 | -1.9 Jan 1912 | 48.3 1987 | 41.9 1912 | 1905 |
| Medford, WI | 104 7/14/1936 7/13/1936 | -45 2/10/1899 | 74.9 Jul 1916 Aug 1900 | -4.0 Jan 1912 | 46.0 1998 | 38.3 1972 | 1896 |
| Neillsville, WI | 106 7/14/1936 7/13/1936 | -48 1/30/1951 | 78.3 Jul 1916 | -6.6 Jan 1912 | 48.3 1931 | 39.4 1950 | 1896 |
| Prairie du Chien, WI | 110 7/22/1901 | -37 1/15/1963 1/30/1951 | 82.9 Jul 1901 | -1.1 Jan 1912 | 52.8 1931 | 42.0 1917 | 1896 |
| Sparta, WI | 105 7/14/1995 | -48 1/30/1951 | 77.3 Jul 1995 | -1.7 Jan 1997 | 49.0 1998 | 41.5 1978 | 1948 |
| Viroqua, WI | 108 7/14/1936 7/13/1936 | -42 1/15/1963 | 79.2 Jul 1936 | -0.9 Jan 1912 | 50.9 1931 | 41.1 1996 | 1896 |

All records are through 2004.

All-Time Precipitation Records for the Area

| Location | Wettest Day | Wettest Month | Wettest Year | Driest Year | Snowiest Day | Snowiest Month | Snowiest Season | Start of Record |
|----------------------|-----------------|-----------------|--------------|-------------|---|----------------------------|-----------------|-----------------|
| Charles City, IA | 6.66" 7/26/1940 | 18.48" Jul 1999 | 51.40" 1999 | 15.89" 1910 | 13.0" 1/4/1971 | 32.6" Mar 1951 | 77.1" 1961-62 | 1896 |
| Cresco, IA | 6.20" 8/31/1962 | 15.09" Sep 1965 | 47.87" 1951 | 21.65" 1958 | 14.0" 3/6/1959 1/19/1957 | 38.0" Mar 1951 | 85.6" 1950-51 | 1896 |
| Decorah, IA | 7.70" 5/30/1941 | 12.80" Jul 1928 | 48.47" 1993 | 18.51" 1910 | 14.5" 12/1/1985 | 34.7" Jan 1996 | 69.2" 1961-62 | 1896 |
| Elkader, IA | 6.67" 7/26/1940 | 12.72" Jul 1903 | 50.01" 1902 | 21.09" 1988 | 20.0" 3/8/1961 | 40.6" Mar 1951 | 93.1" 1950-51 | 1896 |
| Fayette, IA | 6.20" 5/17/1999 | 15.59" May 1902 | 54.31" 1902 | 20.86" 1964 | 21.0" 3/6/1959 | 48.0" Jan 1930 | 108.8" 1909-10 | 1896 |
| New Hampton, IA | 7.10" 7/21/1999 | 17.75" Jul 1999 | 51.84" 1993 | 16.69" 1910 | 18.0" 3/12/1951 | 35.0" Dec 1909 | 81.5" 1950-51 | 1897 |
| Oelwein, IA | 7.19" 9/7/1989 | 13.30" Jun 1925 | 48.46" 1961 | 21.77" 1952 | 13.0" 2/18/1962 | 35.6" Feb 1962 | 77.3" 1961-62 | 1923 |
| Osage, IA | 6.37" 8/10/1980 | 17.45" Aug 1980 | 44.95" 1980 | 17.14" 1910 | 13.0" 3/12/1951 | 42.0" Mar 1951 | 77.0" 1950-51 | 1896 |
| Waukon, IA | 5.98" 5/30/1941 | 12.05" May 1941 | 44.32" 1951 | 18.14" 1958 | 14.0" 12/2/1985 | 29.5" Dec 2000 | 63.5" 1981-82 | 1934 |
| Austin, MN | 5.40" 9/15/2004 | 11.32" Sep 1965 | 46.01" 1993 | 18.32" 1958 | 13.0" 1/22/1982 | 36.5" Dec 2000 | 76.2" 1961-62 | 1937 |
| Caledonia, MN | 6.60" 7/21/1951 | 13.06" Jun 1952 | 48.24" 1959 | 19.64" 1958 | 22.7" 3/7/1959 | 44.8" Mar 1959 | 91.6" 1958-59 | 1892 |
| Grand Meadow, MN | 6.41" 8/31/1911 | 14.45" Jun 1914 | 51.53" 1911 | 16.91" 1910 | 18.0" 3/19/1933 | 42.5" Mar 1951 | 80.0" 1950-51 | 1887 |
| Rochester, MN | 7.47" 7/11/1981 | 12.52" Jun 2000 | 43.94" 1990 | 11.65" 1910 | 15.4" 1/22/1982 | 35.3" Dec 2000 | 84.6" 1996-97 | 1886 |
| Winona, MN | 4.30" 7/1/1978 | 14.12" Jun 1914 | 47.89" 1938 | 16.20" 1910 | 16.0" 12/1/1985 3/30/1934 3/19/1933 | 36.5" Mar 1951 | 90.2" 1961-62 | 1885 |
| La Crosse, WI | 5.24" 7/27/1987 | 12.09" Oct 1900 | 44.74" 1881 | 16.77" 1910 | 14.4" 12/3/1990 | 39.6" Jan 1929 | 78.7" 1961-62 | 1872 |
| Lancaster, WI | 6.17" 7/26/1940 | 11.80" Aug 1928 | 48.17" 1938 | 17.14" 1910 | 13.0" 1/3/1986 3/6/1959 | 29.0" Jan 1979 Dec 1969 | 77.5" 1950-51 | 1896 |
| Mauston, WI | 4.65" 8/14/1909 | 11.79" Sep 1965 | 52.72" 1965 | 17.24" 1958 | 13.0" 1/27/1996 1/4/1971 | 32.8" Feb 1962 | 84.3" 1961-62 | 1905 |
| Medford, WI | 8.00" 6/5/1905 | 16.20" Jun 1905 | 46.36" 1942 | 16.46" 1910 | 12.0" 2/5/1971 | 31.0" Dec 1950 | 91.0" 1950-51 | 1896 |
| Neillsville, WI | 5.00" 8/8/1980 | 12.62" Aug 1980 | 44.84" 1911 | 18.49" 1910 | 15.0" 3/6/1959 | 31.0" Dec 1968 | 72.9" 1950-51 | 1896 |
| Prairie du Chien, WI | 5.46" 7/27/1940 | 12.92" Aug 1928 | 47.74" 1993 | 19.94" 1958 | 16.0" 3/6/1959 | 39.0" Jan 1979 | 72.8" 1959-51 | 1896 |
| Sparta, WI | 5.42" 9/14/1994 | 12.43" Aug 1980 | 44.89" 1965 | 16.04" 1939 | 18.0" 1/4/1971 | 31.6" Mar 1959 | 69.1" 1951-52 | 1917 |
| Viroqua, WI | 8.57" 7/22/1917 | 13.69" Aug 1980 | 47.08" 1951 | 19.23" 1939 | 17.0" 3/13/1997 | 35.0" Dec 1985 Jan 1928 | 78.9" 1942-43 | 1896 |

Driest Month has been excluded from the table as there are several months with no measurable (trace or less) precipitation for each location.

All records are through 2004.

Severe Weather

Thunderstorms...Tornadoes...Flash Flooding

The National Weather Service considers a thunderstorm severe if it produces hail of at least 3/4 inch in diameter, winds of 58 mph or greater, or a tornado. Of the estimated 100,000 thunderstorms that occur each year in the United States, about 10% are classified as severe.

Tornadoes

- In an average year, there are 1,200 tornadoes nationwide.
- Around 70 deaths and 1,500 injuries are attributed to tornadoes annually.
- They can have winds in excess of 250 mph.
- They can occur at any time of the year.
- They are most likely between 3 and 9 pm.
- Tornadoes are classified using the Fujita Scale [Table 1].
- Weak tornadoes (F0/F1) account for 88% of all tornadoes. They generally last 1-10 minutes and cause less than 5% of all tornado deaths.
- Moderate tornadoes (F2/F3) account for 11% of all tornadoes. They can last up to 20 minutes or longer and cause near 30% of all tornado deaths.
- Violent Tornadoes (F4+) account for less than 1% of all tornadoes. They can last for more than 1 hour and cause 70% of all tornado deaths.

Fujita Scale

| F Scale | Wind Speed (mph) | Damage |
|---------|------------------|---------------|
| F0 | 40-72 | Light |
| F1 | 73-112 | Moderate |
| F2 | 113-157 | Major |
| F3 | 158-206 | Severe |
| F4 | 207-260 | Devastating |
| F5 | 261-318 | Incredible |
| F6 + | 319 or greater | Inconceivable |

Table 1. Fujita Scale for classifying tornadoes.

Lightning

- Around 80 deaths and 300 injuries are attributed to lightning annually.
- Lightning occurs in all thunderstorms, hitting the earth around 20 million times a year.
- Most lightning fatalities and injuries occur when people are caught outdoors in the summer months during the afternoon and evening.

Straight-line Winds

- Straight-line winds are responsible for most thunderstorm wind damage.
- They can exceed 100 mph (equivalent strength of an F1 tornado).

Hail

- Hail causes more than \$1 billion dollars in damage to property and crops each year.
- Large hail can fall at speeds faster than 100 mph.
- The largest recorded hail size in the United States was 7 inches in diameter (Aurora, Nebraska on 6/22/2003) [see Table 2 for commonly used hail size descriptors].

| Size | Inches |
|----------------|--------|
| pea | 1/4 |
| marble | 1/2 |
| dime | 3/4 |
| nickel | 7/8 |
| quarter | 1 |
| half-dollar | 1 1/4 |
| ping-pong ball | 1 1/2 |
| golf ball | 1 3/4 |
| tennis ball | 2 1/2 |
| baseball | 2 3/4 |
| grapefruit | 4 |
| softball | 4 1/2 |

Table 2. Commonly used references for hail size.

Flash Flooding

- Flooding and flash flooding are the #1 cause of deaths associated with thunderstorms, with more than 140 fatalities each year.
- Most flash flood deaths occur at night, with most victims becoming trapped in automobiles.
- A depth of 2 feet can cause most vehicles to float.

Wind Chill

Wind chill is based on the rate of heat loss from exposed skin caused by the combined effects of the wind and cold; how cold it actually “feels” [eg. A wind speed of 15 mph with an air temperature of 10 above zero produce a wind chill of -7 degrees].

| calm | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 | -25 | -30 | -35 | -40 | -45 |
|------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5 | 31 | 25 | 19 | 13 | 7 | 1 | -5 | -11 | -16 | -22 | -28 | -34 | -40 | -46 | -52 | -57 | -63 |
| 10 | 27 | 21 | 15 | 9 | 3 | -4 | -10 | -16 | -22 | -28 | -35 | -41 | -47 | -53 | -59 | -66 | -72 |
| 15 | 25 | 19 | 13 | 6 | 0 | -7 | -13 | -19 | -26 | -32 | -39 | -45 | -51 | -58 | -64 | -71 | -77 |
| 20 | 24 | 17 | 11 | 4 | -2 | -9 | -15 | -22 | -29 | -35 | -42 | -48 | -55 | -61 | -68 | -74 | -81 |
| 25 | 23 | 16 | 9 | 3 | -4 | -11 | -17 | -24 | -31 | -37 | -44 | -51 | -58 | -64 | -71 | -78 | -84 |
| 30 | 22 | 15 | 8 | 1 | -5 | -12 | -19 | -26 | -33 | -39 | -46 | -53 | -60 | -67 | -73 | -80 | -87 |
| 35 | 21 | 14 | 7 | 0 | -7 | -14 | -21 | -27 | -34 | -41 | -48 | -55 | -62 | -69 | -76 | -82 | -89 |
| 40 | 20 | 13 | 6 | -1 | -8 | -15 | -22 | -29 | -36 | -43 | -50 | -57 | -64 | -71 | -78 | -84 | -91 |
| 45 | 19 | 12 | 5 | -2 | -9 | -16 | -23 | -30 | -37 | -44 | -51 | -58 | -65 | -72 | -79 | -86 | -93 |

| | Symptoms | First Aid |
|--------------------|--|---|
| Frostbite | Loss of feeling and a white appearance in extremities, such as fingers, toes, ear lobes and the tip of the nose. | If symptoms are detected, <u>get medical attention immediately!</u> If you must wait for help, slowly rewarm affected areas. However, if the person is also showing signs of hypothermia, warm the body core before the extremities. |
| Hypothermia | Uncontrollable shivering, memory loss, disorientation, incoherence, slurred speech, drowsiness, and apparent exhaustion. | If medical care is not available , begin warming the person <i>slowly</i> . Warm the body core first. If needed, use your own body heat to help. Get the person into dry clothing, and wrap them in a warm blanket covering the head and neck. Do not give the person alcohol, drugs, coffee, or any hot beverage or food; warm broth is better. Do not warm extremities (arms and legs) first! This drives the cold blood toward the heart and can lead to heart failure. |

Heat Index

The heat index is an accurate measure of how hot it really feels when relative humidity is added to the actual air temperature [eg. An air temperature of 90 degrees, combined with a relative humidity of 60%, would make it feel more like 100 degrees].

| temp | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 115 | 103 | 107 | 111 | 115 | 120 | 127 | 135 | 143 | 151 | | | | | | | | |
| 110 | 99 | 102 | 105 | 108 | 112 | 117 | 123 | 130 | 137 | 143 | 151 | | | | | | |
| 105 | 95 | 97 | 100 | 102 | 105 | 109 | 113 | 118 | 123 | 129 | 135 | 142 | 149 | | | | |
| 100 | 91 | 93 | 95 | 97 | 99 | 101 | 104 | 107 | 110 | 115 | 120 | 126 | 132 | 136 | 144 | | |
| 95 | 87 | 88 | 90 | 91 | 93 | 94 | 96 | 98 | 101 | 104 | 107 | 110 | 114 | 119 | 124 | 130 | 136 |
| 90 | 83 | 84 | 85 | 86 | 87 | 88 | 90 | 91 | 93 | 95 | 96 | 98 | 100 | 102 | 106 | 109 | 113 |
| 85 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 93 | 95 | 97 |
| 80 | 73 | 74 | 75 | 76 | 77 | 77 | 78 | 79 | 79 | 80 | 81 | 81 | 82 | 83 | 85 | 86 | 86 |
| 75 | 69 | 69 | 70 | 71 | 72 | 72 | 73 | 73 | 74 | 74 | 75 | 75 | 76 | 76 | 77 | 77 | 78 |
| 70 | 64 | 64 | 65 | 65 | 66 | 66 | 67 | 67 | 68 | 68 | 69 | 69 | 70 | 70 | 70 | 70 | 71 |

Heat Index/Heat Disorders

| Heat Index | Possible heat disorders for people in higher risk groups |
|---------------|--|
| 130 or higher | Heatstroke/sunstroke highly likely with continued exposure. |
| 105-130 | Sunstroke, heat cramps or heat exhaustion likely , and heat stroke possible with prolonged exposure and/or physical activity. |
| 90-105 | Sunstroke, heat cramps and heat exhaustion possible with prolonged exposure and/or physical activity. |
| 80-90 | Fatigue possible with prolonged exposure and/or physical activity. |

| | Symptoms | First Aid |
|------------------------|--|---|
| Sunburn | Redness and pain. In severe cases, swelling of skin, blisters, fever, and headaches. | Ointments for mild cases, if blisters appear and do not break. If breaking occurs, apply dry sterile dressings. Serious, extensive cases should be seen by a physician. |
| Heat Cramps | Painful spasms, usually in muscles of the legs and abdomen, possible. Heavy sweating. | Firm pressure on the cramping muscles, or gentle massaging to relieve the spasm. Give sips of water. If nausea occurs, discontinue use. |
| Heat Exhaustion | Heavy sweating, weakness, skin cold, pale and clammy. Pulse thready. Normal temperature possible. Fainting and vomiting. | Get victim out of the sun. Lay down and loosen clothing. Apply cool, wet cloths. Fan or move victim to air conditioned room. Sips of water. If nausea occurs, discontinue use. If vomiting continues, seek immediate medical attention. |

| | | |
|-----------------------------------|--|--|
| Heat Stroke (sunstroke) | High body temperature (106 F or higher). Hot dry skin. Rapid and strong pulse. Possible unconsciousness. | <u>Heat stroke is a severe medical emergency. Summon emergency medical assistance or get the victim to a hospital immediately. Delay can be fatal.</u> Move the victim to a cooler environment. Reduce body temperature with cold bath or sponging. Use extreme caution. Remove clothing, use fans and air conditioners. If temperature rises again, repeat process. Do not give fluids. |
|-----------------------------------|--|--|