

Storm Data and Unusual Weather Phenomena - July 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

CLAYTON COUNTY --- 0.2 W GUTTENBERG ARPT [42.82, -91.10], 1.0 SSW GUTTENBERG ARPT [42.81, -91.11], 0.4 NNE GUTTENBURG [42.79, -91.10], 2.0 SSE GUTTENBURG [42.75, -91.09], 1.9 NNW TURKEY RIVER [42.75, -91.07], 1.0 ENE GUTTENBERG ARPT [42.83, -91.08]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/13/14 19:30 CST		0	Source: River/Stream Gage

Flooding that began in late June on the Mississippi River in Guttenberg continued into the second week of July before the river went below the flood stage. The river crested 2 feet above the flood stage at 17 feet.

CLAYTON COUNTY --- 0.4 SSW ELKADER [42.84, -91.40], 0.5 SSE ELKADER [42.84, -91.40], 0.6 SSE ELKADER [42.84, -91.40], 0.6 S ELKADER [42.84, -91.40], 0.5 SSW ELKADER [42.84, -91.40], 0.5 SW ELKADER [42.84, -91.41]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/01/14 15:45 CST		0	Source: River/Stream Gage

Flooding that began in late June on the Turkey River in Elkader ended when the river went below the flood stage on the first day of July.

CLAYTON COUNTY --- 0.7 NNE MC GREGOR [43.03, -91.17], 0.6 NE MC GREGOR [43.03, -91.17], 0.5 NE MC GREGOR [43.02, -91.17], 0.6 ENE MC GREGOR [43.02, -91.17], 0.8 NNE MC GREGOR [43.03, -91.17]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/10/14 13:00 CST		0	Source: River/Stream Gage

Flooding that began in late June on the Mississippi River in McGregor continued into the second week of July before the river went below the flood stage. The river crested over 2.5 feet above the flood stage at 18.68 feet.

Rivers that went over flood stage in late June from excessive runoff, remained in flood to begin July. The flooding subsided very early in the month on the Turkey River but continued until the middle of the month along the Mississippi River.

MINNESOTA, Southeast

WABASHA COUNTY --- 0.4 NNW READS LNDG [44.41, -92.08], 1.1 NW WABASHA [44.39, -92.05], 0.5 ESE WABASHA [44.38, -92.02], 0.6 E WABASHA [44.38, -92.02], 1.3 NW WABASHA [44.39, -92.05], 1.0 ENE READS LNDG [44.40, -92.06]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/07/14 16:00 CST		0	Source: River/Stream Gage

Flooding that began in late June on the Mississippi River in Wabasha ended in the first week of July when the river went below the flood stage.

WABASHA COUNTY --- 0.4 NW LAKE CITY [44.45, -92.27], 0.2 ENE LAKE CITY [44.45, -92.27], 2.5 SE LAKE CITY [44.42, -92.24], 2.5 WNW MAPLE SPGS [44.44, -92.21], 1.7 E LAKE CITY [44.45, -92.24], 1.4 E LAKE CITY [44.45, -92.24]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/02/14 12:00 CST		0	Source: River/Stream Gage

Flooding that began in late June on the Mississippi River in Lake City ended when the river went below the flood stage on the second day of July.

WABASHA COUNTY --- 0.4 SW WABASHA [44.38, -92.04], 0.5 SW WABASHA [44.37, -92.04], 0.8 SW WABASHA [44.37, -92.04], 0.8 SW WABASHA [44.37, -92.04], 0.4 SSW WABASHA [44.37, -92.03], 0.3 SW WABASHA [44.38, -92.03]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/03/14 08:00 CST		0	Source: Department of Highways

Flooding along the Mississippi River, combined with runoff from heavy rain, caused flooding to occur on the west side of Wabasha. This flooding prompted the Minnesota Department of Transportation to close State Highway 60 in late June. The road was opened in the first week July.

WINONA COUNTY --- 0.7 NNW WINONA [44.06, -91.66], 0.6 NE WINONA [44.06, -91.64], 1.8 E WINONA [44.05, -91.61], 1.8 E WINONA [44.05, -91.61], 1.2 ENE WINONA [44.05, -91.63], 1.0 NNE WINONA [44.06, -91.64]	07/01/14 00:00 CST		0	Flood (due to Heavy Rain)
	07/07/14 01:00 CST		0	Source: River/Stream Gage

Flooding that began in late June on the Mississippi River in Winona ended in the first week of July when the river went below the flood stage. The river crested 2.5 feet above the flood stage at 15.52 feet.

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Rivers that went over flood stage in late June from excessive runoff, remained in flood to begin July. The flooding subsided in the first week of the month along the Mississippi River.

WINONA COUNTY --- HOMER [44.02, -91.57], 1.5 SSW LAMOILLE [43.98, -91.49]

07/06/14 17:31 CST	25K	Thunderstorm Wind (EG 50 kt)
07/06/14 17:35 CST	0	Source: Emergency Manager

Several trees and power lines were blown down between Pickwick and Homer. One home was damaged when a tree fell on it and one lane of U.S. Highway 61 was closed for a short time due to debris that was blown onto the road.

Scattered thunderstorms developed across southeast Minnesota during the late afternoon of July 6th. These storms formed along a warm front that was lifting northeast through the region. Some of these storms contained strong winds that blew down trees and power lines from Homer to Pickwick (Winona County). A house in Homer sustained damage when a tree landed on it.

OLMSTED COUNTY --- 0.9 NW STEWARTVILLE [43.86, -92.49]

07/07/14 19:05 CST	3K	Thunderstorm Wind (EG 50 kt)
07/07/14 19:05 CST	0	Source: Broadcast Media

Several trees were damaged by high winds in Stewartville.

FILLMORE COUNTY --- 0.7 S PRESTON [43.67, -92.08]

07/07/14 19:31 CST	0	Hail (0.88 in)
07/07/14 19:31 CST	0	Source: State Official

HOUSTON COUNTY --- 0.9 SE SPRING GROVE [43.56, -91.64]

07/07/14 20:07 CST	0	Hail (1.00 in)
07/07/14 20:07 CST	0	Source: Public

Quarter sized hail fell in Spring Grove.

A few severe thunderstorms developed across southeast Minnesota during the evening of July 7th. These storms formed along a cold front that was moving across the region, and blew down trees in Stewartville (Olmsted County) and produced quarter sized hail in Spring Grove (Houston County).

WISCONSIN, Southwest

LA CROSSE COUNTY --- 0.7 NW LA CROSSE [43.81, -91.26], 0.5 WSW LA CROSSE [43.80, -91.26], 0.7 SW LA CROSSE [43.79, -91.26], 1.8 SSE LA CROSSE [43.78, -91.24], 1.8 S LA CROSSE [43.77, -91.24], 0.8 SW LA CROSSE [43.79, -91.26], 1.1 NW LA CROSSE [43.81, -91.27]

07/01/14 00:00 CST	0	Flood (due to Heavy Rain)
07/07/14 07:00 CST	0	Source: River/Stream Gage

Flooding that began in late June on the Mississippi River in La Crosse ended in the first week of July when the river went below the flood stage. The river crested 1.5 feet above the flood stage at 13.48 feet. The high water caused officials to close two public beaches in the city of La Crosse, a campground and to cancel several water events during the city's Riverfest festival.

Rivers that went over flood stage in late June from excessive runoff, remained in flood to begin July. The flooding subsided in the first week of the month along the Mississippi River.

TAYLOR COUNTY --- 4.8 S DONALD [45.18, -90.90]

07/07/14 13:01 CST	0	Hail (1.00 in)
07/07/14 13:01 CST	0	Source: Public

Quarter sized hail was reported south of Donald.

TAYLOR COUNTY --- 3.2 WSW GILMAN [45.15, -90.86]

07/07/14 13:12 CST	0	Hail (0.88 in)
07/07/14 13:12 CST	0	Source: Law Enforcement

TREMPEALEAU COUNTY --- OSSEO [44.58, -91.22]

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	07/07/14 15:03 CST		25K	Thunderstorm Wind (EG 50 kt)
	07/07/14 15:03 CST		0	Source: Fire Department/Rescue
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JACKSON COUNTY --- HATFIELD [44.42, -90.73]				
	07/07/14 15:33 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/07/14 15:33 CST		0	Source: Law Enforcement
Trees were blown down in Hatfield.				
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JACKSON COUNTY --- TAYLOR [44.32, -91.12]				
	07/07/14 15:42 CST		0	Hail (0.75 in)
	07/07/14 15:42 CST		0	Source: Law Enforcement
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TREMPEALEAU COUNTY --- 2.1 WSW FRENCHVILLE [44.14, -91.36]				
	07/07/14 15:50 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/07/14 15:50 CST		0	Source: Law Enforcement
Trees were blown down north of Galesville.				
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MONROE COUNTY --- 0.9 NE SPARTA [43.94, -90.81]				
	07/07/14 17:00 CST		0	Hail (1.00 in)
	07/07/14 17:00 CST		0	Source: Trained Spotter
Nickel to quarter sized hail fell in Sparta.				
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JUNEAU COUNTY --- 3.8 SSW NECEDAH HORNSBURG AR [43.92, -90.03]				
	07/07/14 17:19 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/07/14 17:19 CST		0	Source: Law Enforcement
Trees were blown down in Germantown township in east central Juneau County.				
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BUFFALO COUNTY --- MODENA [44.45, -91.80]				
	07/07/14 18:12 CST		0	Hail (1.75 in)
	07/07/14 18:12 CST		0	Source: Public
Golf ball sized hail fell in Modena.				
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MONROE COUNTY --- LEON [43.88, -90.83], 1.5 SE LEON [43.86, -90.81]				
	07/07/14 18:32 CST		0.50K	Hail (1.00 in)
	07/07/14 18:34 CST		0	Source: Public
Quarter sized hail fell in a path from Leon to a couple miles southeast of Leon. The hail broke some lights on a garage.				
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MONROE COUNTY --- 0.5 W NORWALK [43.83, -90.63]				
	07/07/14 18:46 CST		0	Hail (0.88 in)
	07/07/14 18:46 CST		0	Source: Amateur Radio
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TREMPEALEAU COUNTY --- 0.7 N INDEPENDENCE [44.36, -91.42]				
	07/07/14 18:46 CST		0	Hail (1.00 in)
	07/07/14 18:46 CST		0	Source: Public
Quarter sized hail fell in Independence.				
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TREMPEALEAU COUNTY --- 5.6 W BLAIR [44.29, -91.34]				
	07/07/14 19:04 CST		1K	Thunderstorm Wind (EG 50 kt)
	07/07/14 19:04 CST		0	Source: Law Enforcement
Trees were blown down onto County Road D west of Blair.				

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MONROE COUNTY --- 1.6 WSW GLENDALE [43.77, -90.38]				
	07/07/14 19:07 CST		0	Hail (1.00 in)
	07/07/14 19:07 CST		0	Source: Amateur Radio
Quarter sized hail fell south of Kendall.				
VERNON COUNTY --- 2.4 NE DILLY [43.67, -90.39], 1.0 NW HILLSBORO [43.66, -90.36]				
	07/07/14 19:16 CST		0	Hail (1.00 in)
	07/07/14 19:17 CST		0	Source: Amateur Radio
Quarter sized hail fell northwest of Hillsboro.				
CRAWFORD COUNTY --- ROLLING GROUND [43.33, -90.73]				
	07/07/14 21:11 CST		0.50K	Thunderstorm Wind (EG 50 kt)
	07/07/14 21:11 CST		0	Source: Public
Three foot long tree branches were blown down in Rolling Ground.				
<p>Two rounds of thunderstorms moved across western and central Wisconsin on July 7th. The first round developed in the afternoon as a warm front was moving across the region. The second round moved in from Minnesota during the evening and was associated with a cold front. Both rounds of storms primarily produced large hail, but some sporadic wind damage also occurred. The largest hail reported was golf ball sized in Modena (Buffalo County). Trees and power lines were blown down in Osseo (Trempealeau County), Hatfield (Jackson County) and across rural Juneau County.</p>				
TAYLOR COUNTY --- 1.5 W GILMAN [45.17, -90.83]				
	07/31/14 16:40 CST		0	Hail (0.75 in)
	07/31/14 16:40 CST		0	Source: Trained Spotter
CLARK COUNTY --- 3.0 WSW CLARK [45.02, -90.71]				
	07/31/14 17:02 CST		0	Hail (0.75 in)
	07/31/14 17:02 CST		0	Source: Public
<p>Thunderstorms developed during the afternoon of July 31st over northern Wisconsin along a trough of low pressure. As these storms moved southeast, they produced some hail over portions of north central Wisconsin. Penny sized hail was reported near Gilman (Taylor County) and Thorp (Clark County).</p>				