

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE MICHIGAN				
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/06/08 12:05 CST	0		Marine Thunderstorm Wind (MG 38 kt)
	06/06/08 12:05 CST	0		Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81]				
	06/06/08 13:10 CST	0		Marine Thunderstorm Wind (MG 36 kt)
	06/06/08 13:10 CST	0		Source: Official NWS Observations
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/06/08 13:25 CST	0		Marine Thunderstorm Wind (MG 34 kt)
	06/06/08 13:25 CST	0		Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81]				
	06/06/08 14:30 CST	0		Marine Thunderstorm Wind (MG 42 kt)
	06/06/08 14:30 CST	0		Source: Official NWS Observations
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81]				
	06/06/08 16:40 CST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/06/08 16:40 CST	0		Source: Official NWS Observations
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/06/08 16:45 CST	0		Marine Thunderstorm Wind (MG 35 kt)
	06/06/08 16:45 CST	0		Source: Other Federal Agency
<p>A upper-level impulse and surface trough moved through southern Wisconsin producing thunderstorms. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.</p>				
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/07/08 16:31 CST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/07/08 16:31 CST	0		Source: C-MAN Station
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/07/08 16:45 CST	0		Marine Thunderstorm Wind (MG 34 kt)
	06/07/08 16:45 CST	0		Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 3.5 NE RACINE [42.76, -87.75]				
	06/07/08 17:09 CST	0		Marine Thunderstorm Wind (EG 37 kt)
	06/07/08 17:09 CST	0		Source: Public
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/07/08 20:33 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	06/07/08 20:33 CST	0		Source: C-MAN Station
<p>A slow-moving boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period. A strengthening low level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.</p>				
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/12/08 17:53 CST	0		Marine Thunderstorm Wind (MG 54 kt)
	06/12/08 17:53 CST	0		Source: C-MAN Station
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/12/08 20:35 CST	0		Marine Thunderstorm Wind (MG 49 kt)
	06/12/08 20:45 CST	0		Source: Other Federal Agency

A warm front pushed into southern Wisconsin early on the 12th, followed by strong afternoon cool front setting off another round of

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
thunderstorms and heavy rainfall. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.				
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/14/08 16:35 CST	0		Marine Thunderstorm Wind (MG 49 kt)
	06/14/08 16:35 CST	0		Source: Other Federal Agency
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/14/08 17:11 CST	0		Marine Thunderstorm Wind (MG 46 kt)
	06/14/08 17:11 CST	0		Source: C-MAN Station
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81]				
	06/14/08 18:00 CST	0		Marine Thunderstorm Wind (MG 38 kt)
	06/14/08 18:20 CST	0		Source: Official NWS Observations
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/14/08 18:26 CST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/14/08 18:26 CST	0		Source: C-MAN Station
An upper-level impulse along with steep lapse rates produced scattered severe thunderstorms during the afternoon and evening over southern Wisconsin. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.				
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/28/08 14:30 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	06/28/08 14:30 CST	0		Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 1.2 ENE KENOSHA [42.59, -87.81]				
	06/28/08 14:30 CST	0		Marine Thunderstorm Wind (MG 53 kt)
	06/28/08 14:30 CST	0		Source: Official NWS Observations
PT WASHINGTON TO NORTH PT LT WI COUNTY --- 0.6 N PORT WASHINGTON [43.39, -87.87]				
	06/28/08 14:40 CST	0		Marine Thunderstorm Wind (MG 45 kt)
	06/28/08 14:40 CST	0		Source: Official NWS Observations
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/28/08 15:15 CST	0		Marine Thunderstorm Wind (MG 50 kt)
	06/28/08 15:15 CST	0		Source: C-MAN Station
A vigorous upper-l-level impulse moving through Wisconsin along with steep lapse rates produced scattered severe thunderstorms. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.				
NORTH PT LT TO WIND PT WI COUNTY --- 1.5 E CUDAHY [42.95, -87.82]				
	06/08/08 10:25 CST	0		Marine Thunderstorm Wind (EG 40 kt)
	06/08/08 10:25 CST	0		Source: Public
NORTH PT LT TO WIND PT WI COUNTY --- 3.5 SE NORTH POINT LTHOUSE [43.05, -87.88]				
	06/08/08 10:25 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	06/08/08 10:25 CST	0		Source: Other Federal Agency
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 3.5 NE RACINE [42.76, -87.75]				
	06/08/08 11:19 CST	0		Marine Thunderstorm Wind (EG 35 kt)
	06/08/08 11:19 CST	0		Source: Public
SHEBOYGAN TO PT WASHINGTON WI COUNTY --- 1.4 E SHEBOYGAN [43.75, -87.69]				
	06/08/08 17:49 CST	0		Marine Thunderstorm Wind (MG 36 kt)
	06/08/08 17:49 CST	0		Source: C-MAN Station
NORTH PT LT TO WIND PT WI COUNTY --- 1.5 E CUDAHY [42.95, -87.82]				
	06/08/08 19:04 CST	0		Marine Thunderstorm Wind (EG 35 kt)
	06/08/08 19:04 CST	0		Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WIND PT LT WI TO WINTHROP HBR IL COUNTY --- 3.5 NE RACINE [42.76, -87.75]				
	06/08/08 19:28 CST		0	Marine Thunderstorm Wind (EG 36 kt)
	06/08/08 19:28 CST		0	Source: Public
<p>A slow moving boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The resultant thunderstorms moved out over Lake Michigan and produced strong winds.</p>				
WISCONSIN, Southeast				
WALWORTH COUNTY --- GENOA CITY [42.50, -88.33]				
	06/06/08 12:45 CST		10K	Thunderstorm Wind (EG 50 kt)
	06/06/08 12:54 CST		0	Source: Emergency Manager
<p>Powerful thunderstorm winds knocked down a few large trees and powerlines.</p>				
ROCK COUNTY --- 3.0 SE MILTON [42.74, -88.91]				
	06/06/08 13:10 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 13:10 CST		0	Source: Law Enforcement
<p>Powerful thunderstorm winds knocked down a few large trees.</p>				
RACINE COUNTY --- 1.0 S STURTEVANT [42.69, -87.90]				
	06/06/08 13:25 CST		0	Funnel Cloud
	06/06/08 13:25 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- PALMYRA [42.88, -88.60]				
	06/06/08 13:30 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 13:30 CST		0	Source: Law Enforcement
<p>Powerful thunderstorm winds knocked down a few large trees.</p>				
WAUKESHA COUNTY --- 4.0 NW EAGLE [42.92, -88.53]				
	06/06/08 13:35 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 13:35 CST		0	Source: Law Enforcement
<p>Powerful thunderstorm winds knocked down a few large trees in the vicinity of CTH Z and N.</p>				
WALWORTH COUNTY --- 1.0 S WALWORTH [42.52, -88.60]				
	06/06/08 13:38 CST		0	Hail (0.75 in)
	06/06/08 13:38 CST		0	Source: Trained Spotter
WALWORTH COUNTY --- WILLIAMS BAY [42.58, -88.53], 1.0 SE LAKE GENEVA [42.59, -88.42]				
	06/06/08 13:40 CST		25K	Thunderstorm Wind (MG 63 kt)
	06/06/08 14:00 CST		0	Source: Broadcast Media
<p>Powerful thunderstorm winds knocked down a few large trees and powerlines. One tree fell on a vehicle and damaged it. the wind gust was measured at Badger High School, part of the Milwaukee TV-6 WITI school network.</p>				
RACINE COUNTY --- 1.0 S BOHNERS LAKE [42.62, -88.27]				
	06/06/08 13:45 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 13:45 CST		0	Source: Other Federal Agency
<p>Powerful thunderstorm winds knocked down a few large trees.</p>				
WAUKESHA COUNTY --- 1.0 W LANNON [43.15, -88.19]				
	06/06/08 13:53 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 13:53 CST		0	Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Powerful thunderstorm winds knocked down a few large trees on Town Line Rd and Good Hope Rd.				
RACINE COUNTY --- 2.0 SSE WATERFORD [42.74, -88.20]				
	06/06/08 13:55 CST		0	Funnel Cloud
	06/06/08 13:55 CST		0	Source: Law Enforcement
RACINE COUNTY --- 3.2 NNW KANSASVILLE [42.72, -88.14], 2.0 SSW NORTH CAPE [42.75, -88.08]				
	06/06/08 13:58 CST		20K	Tornado (EF0, L: 3.37 mi , W: 50 yd)
	06/06/08 14:02 CST		0	Source: Storm Chaser
This rural tornado damaged a few trees and some corn crop. It was seen by a storm chaser. Average path width was about 30 yards. It started just southeast of the intersection of CTH A and Cox Road and moved northeast across STH 75 about 1/2 mile east of N Beaumont Ave. and dissipated south of radio towers which are south of Bennet Rd. Wind speeds estimated at about 75 mph. DI#27 (TH), DOD2.				
RACINE COUNTY --- 2.0 SE BURLINGTON [42.65, -88.24]				
	06/06/08 14:00 CST		0	Hail (0.88 in)
	06/06/08 14:00 CST		0	Source: Other Federal Agency
RACINE COUNTY --- 7.0 WNW UNION GROVE [42.72, -88.18], 3.0 NW UNION GROVE [42.71, -88.09]				
	06/06/08 14:00 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:05 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down a few large trees.				
WAUKESHA COUNTY --- 1.0 W LANNON [43.15, -88.19]				
	06/06/08 14:04 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:04 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down a few large trees.				
RACINE COUNTY --- 2.0 NNW KANSASVILLE [42.71, -88.14]				
	06/06/08 14:05 CST		0	Hail (0.75 in)
	06/06/08 14:05 CST		0	Source: Other Federal Agency
RACINE COUNTY --- 2.0 NW FRANKSVILLE [42.77, -87.95]				
	06/06/08 14:15 CST		0	Funnel Cloud
	06/06/08 14:15 CST		0	Source: Law Enforcement
MILWAUKEE COUNTY --- OAK CREEK [42.87, -87.87]				
	06/06/08 14:20 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:20 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down a few large trees and powerlines.				
RACINE COUNTY --- 3.0 NNE STURTEVANT [42.74, -87.88]				
	06/06/08 14:30 CST		0	Funnel Cloud
	06/06/08 14:30 CST		0	Source: Trained Spotter
RACINE COUNTY --- 2.0 NNW KANSASVILLE [42.71, -88.14], 2.3 SSW KANSASVILLE [42.65, -88.14]				
	06/06/08 14:52 CST		0	Thunderstorm Wind (EG 50 kt)
	06/06/08 14:57 CST		0	Source: Other Federal Agency
Powerful thunderstorm winds knocked down a few large trees.				
RACINE COUNTY --- UNION GROVE [42.68, -88.05]				
	06/06/08 16:00 CST		0	Thunderstorm Wind (MG 52 kt)
	06/06/08 16:00 CST		0	Source: Public
Powerful thunderstorm winds knocked down a few large trees.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RACINE COUNTY --- RACINE JCT [42.53, -87.82]				
	06/06/08 16:15 CST		75K	Thunderstorm Wind (EG 56 kt)
	06/06/08 16:20 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down numerous large trees and powerlines.				
An upper-level impulse and surface trough moved through southern Wisconsin producing thunderstorms. There was sufficient instability and vertical wind shear to product a number of funnel clouds and one tornado on top of many large hail and damaging thunderstorm winds.				
SAUK COUNTY --- 2.0 NW LA VALLE [43.60, -90.16], REEDSBURG [43.53, -90.00]				
	06/07/08 12:30 CST		25K	Thunderstorm Wind (EG 65 kt)
	06/07/08 12:41 CST		0	Source: Trained Spotter
Powerful thunderstorm winds knocked down large trees and power-lines.				
COLUMBIA COUNTY --- WISCONSIN DELLS [43.63, -89.77]				
	06/07/08 12:50 CST		30K	Thunderstorm Wind (EG 65 kt)
	06/07/08 13:00 CST		0	Source: Trained Spotter
Powerful thunderstorm winds knocked down large trees and power-lines, and also knocked over a temporary canopy.				
MARQUETTE COUNTY --- 2.7 NNW BRIGGSVILLE [43.69, -89.60], 1.7 NE BRIGGSVILLE [43.67, -89.56]				
	06/07/08 12:59 CST		0.30M	Tornado (EF1, L: 2.20 mi , W: 100 yd)
	06/07/08 13:05 CST		50K	Source: Emergency Manager
This tornado started in Adams county and moved southeastward into Marquette county at the intersection of 1st Ave. and Glen Ave., and dissipated just north of STH 23, mid-way between 3rd Ave. and Neenah Creek. It resulted in minor damage to 4 residential homes, minor damage to 2 agricultural buildings, major damage to 2 agricultural buildings, and destroyed 1 agricultural building. Total residential damage was about \$100K and total agricultural damage was about \$200K. Some corn crop was also damaged. The lat/long starting location in Marquette County was 43.68597/-89.59951, and the ending location was 43.66950/-89.56055. DI#1 (SBO), DOD6. Winds estimated at 100 mph. Average path width was about 50 yards.				
MARQUETTE COUNTY --- 2.0 S ENDEAVOR [43.67, -89.47]				
	06/07/08 13:10 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/07/08 13:10 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down large trees and power-lines.				
COLUMBIA COUNTY --- PARDEEVILLE [43.53, -89.28]				
	06/07/08 13:14 CST		0	Thunderstorm Wind (MG 63 kt)
	06/07/08 13:14 CST		0	Source: Mesonet
COLUMBIA COUNTY --- 0.4 W PORTAGE [43.55, -89.46], 6.0 N PORTAGE [43.64, -89.45]				
	06/07/08 13:20 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/07/08 13:25 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down large trees and power-lines.				
SAUK COUNTY --- 0.5 NW BARABOO [43.48, -89.74], 0.5 SW BARABOO [43.46, -89.74], 10.0 ESE BARABOO [43.41, -89.55], 10.0 ENE BARABOO [43.53, -89.55]				
	06/07/08 13:20 CST		0	Flash Flood (due to Heavy Rain)
	06/07/08 16:30 CST		10K	Source: Law Enforcement
Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.				
COLUMBIA COUNTY --- 2.0 NW PORTAGE [43.57, -89.48], 2.0 NE PORTAGE [43.57, -89.42], POYNETTE [43.40, -89.40], LODI [43.32, -89.52]				

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	06/07/08 13:30 CST		0	Flash Flood (due to Heavy Rain)
	06/07/08 16:30 CST		10K	Source: Law Enforcement

Heavy rains resulted in a flash flood event on June 7th that allowed water to cover Interstate 90/94 near STH 78. Consequently, the Interstate had to be closed. This event was one of 3 flash flood events over parts of Columbia County on 3 separate days. Two started on June 7th, one on June 8th. In all 3 flash flood events, home and business damage was reported, and there was crop damage. It was nearly impossible to break down the damages by flash flood. Therefore, the collective damage breakdown for these events is provided in the June 8th flash flood StormData entry for Columbia County.

MARQUETTE COUNTY --- 2.0 SW ENDEAVOR [43.68, -89.50], 4.0 NW MONTELLO [43.84, -89.38], 2.0 SE MONTELLO [43.78, -89.29], 4.0 SE ENDEAVOR [43.66, -89.41]

06/07/08 13:30 CST		8.75M	Flash Flood (due to Heavy Rain)
06/07/08 16:30 CST		2M	Source: Emergency Manager

Heavy rains resulted in flash flooding from the Endeavor area to the Montello area. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. One hundred homes were affected with at least some flooding. Two hundred homes had minor damage. Eighty-five homes had major damage, and one home was destroyed (total of 6 million for all home property losses). Fifty businesses had minor damage, 10 had major damage, and 1 was destroyed (total of 750 thousand for all business property losses). Crops losses were estimated at 2 million. Public sector damage was about \$2 million. There were several roads and bridges that sustained damage.

COLUMBIA COUNTY --- 0.9 ENE PARDEEVILLE [43.53, -89.26], 3.8 S CAMBRIA [43.50, -89.10]

06/07/08 13:32 CST		2.50M	Tornado (EF2, L: 8.63 mi , W: 3520 yd)
06/07/08 13:50 CST	6	0.50M	Source: Law Enforcement

This tornado was extremely wide since the thunderstorm cloud base was very low and the meso-cyclone that is usually aloft was well-formed all the way to the ground. Within a broad 1 to 2 mile wide area of EF0 to EF1 damage, there were several small swaths of EF2 damage due to multiple vortices. The accompanying graphic shows this effect. With respect to residential homes this tornado resulted in very minor damage to 150, minor damage to 30, major damage to 10, and 2 were destroyed (total residential damage of \$2 million). With respect to agricultural buildings (\$500K in total damage), this tornado resulted in minor damage to 20, and major damage to 2 buildings (including silos). Tens of thousands of trees were uprooted or chewed-up, and many power-lines and power-poles were either toppled or damaged. About 4000 to 6000 trees on a tree farm were destroyed at a location about 3 miles east-southeast of Pardeeville. This tree-farm loss was treated as a crop loss. Additionally, some corn and soybean crops were damaged. This tornado started just southeast of the intersection of CTH P and Pardeeville Road, and moved southeastward for about 4 miles and then traveled east-southeast to end just northeast of the western intersection of STH 146 and CTH A. The specific starting point and ending point lat/long numbers were 43.53333/-89.26306 and 43.49556/-89.09878, respectively. Additional mid-point pairs of number include: 43.51603/-89.22394, 43.50728/-89.20151, and 43.50208/-89.17679. DI#24 (ELT), DOD4. The wind speeds were estimated at about 120 mph. Average path length was about 1760 yards (1 mile).

COLUMBIA COUNTY --- 4.0 N RIO [43.51, -89.23]

06/07/08 13:35 CST		25K	Thunderstorm Wind (EG 50 kt)
06/07/08 13:35 CST	1	0	Source: Emergency Manager

Powerful thunderstorm winds knocked down large trees and power-lines. One injury reported at Rio campground when tree branches hit a person.

GREEN LAKE COUNTY --- DALTON [43.65, -89.20]

06/07/08 13:41 CST		25K	Thunderstorm Wind (EG 61 kt)
06/07/08 13:41 CST		0	Source: Trained Spotter

Powerful thunderstorm wind gusts knocked down large trees and power-lines.

SAUK COUNTY --- 3.0 S BARABOO [43.43, -89.73]

06/07/08 13:45 CST		0	Funnel Cloud
06/07/08 13:45 CST		0	Source: Law Enforcement

COLUMBIA COUNTY --- 2.0 NE FRIESLAND [43.60, -89.04]

06/07/08 13:50 CST		0	Funnel Cloud
06/07/08 13:50 CST		0	Source: Public

GREEN LAKE COUNTY --- DALTON [43.65, -89.20], BERLIN [43.97, -88.93], MARKESAN [43.72, -88.98], 5.0 E DALTON [43.65, -89.10]

06/07/08 14:00 CST		0	Flash Flood (due to Heavy Rain)
06/08/08 00:00 CST		0	Source: Emergency Manager

Heavy rains resulted in flash flooding from the Dalton area northeast to Berlin. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Total home damage was about \$626 thousand. Total business losses were about \$31,300, and total crops losses were about \$40,000. Public sector damage was about \$1.02 million. There were several roads and bridges that sustained damage. The Fox River gauge site at Berlin crested at the second highest all-time high level of 16.08' on 6/22 due to the heavy rains in its river basin.

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COLUMBIA COUNTY --- 2.9 NE FALL RIVER [43.41, -89.02], 3.1 NE FALL RIVER [43.41, -89.00]				
	06/07/08 14:05 CST		0	Tornado (EF0, L: 0.68 mi , W: 25 yd)
	06/07/08 14:06 CST		0	Source: Amateur Radio
<p>This weak tornado started in Columbia County, northeast of the village of Fall River near the county line, just northwest of the intersection of Raven Road and Hemling Road. It moved southeastward and crossed into Dodge County where a creek crosses the county line just southeast of Paul Road. Minor tree damage was noted in Columbia County. The starting and ending locations for the Columbia County segment, with respect to lat/long pairs of numbers, were 43.41413/-89.01782 and 43.41086/-89.00504. DI#27 (TH), DOD2. Wind speeds estimated at 65 mph. Average path width was about 15 yards.</p>				
DODGE COUNTY --- 2.7 S LOST LAKE [43.41, -89.00], 3.5 SSE LOST LAKE [43.40, -88.98]				
	06/07/08 14:06 CST		0	Tornado (EF0, L: 1.50 mi , W: 25 yd)
	06/07/08 14:09 CST		0	Source: Amateur Radio
<p>This weak Dodge County tornado started in Columbia County, northeast of Fall River near the county line. It moved southeast and entered Dodge County where a creek crosses the county line about 1/2 mile north-northwest of the intersection of STH 73 and CTH D. This tornado resulted in only minor tree damage in Dodge County. The starting and ending locations for the Dodge County segment, with respect to lat/long pairs of numbers, were 43.41086/-89.00504 and 43.40230/-88.97749. DI#27 (TH), DOD2. Wind speeds estimated at 65 mph. Average path width was about 15 yards.</p>				
COLUMBIA COUNTY --- 5.8 SE CAMBRIA [43.49, -89.02], 6.0 SE CAMBRIA [43.49, -89.01]				
	06/07/08 14:08 CST		0	Tornado (EF0, L: 0.46 mi , W: 25 yd)
	06/07/08 14:09 CST		0	Source: Emergency Manager
<p>This tornado started in Columbia County about 6 miles southeast of Cambria, or about 3 miles south of Randolph, or about 1/3 mile west of the intersection of CTH CD and Court Road. This tornado crossed into Dodge County where Beaver Creek crosses the county line. Only minor tree damage was noted in Columbia County. The starting and ending locations for the Columbia County segment, with respect to lat/long pairs of numbers, were 43.49298/-89.01509 and 43.49473/-89.00625. DI#28 (TS), DOD2. Wind speeds estimated at 75 mph. Average path width was about 15 yards.</p>				
DODGE COUNTY --- 0.5 SW SOUTH RANDOLPH [43.49, -89.01], 2.0 ENE SOUTH RANDOLPH [43.51, -88.96]				
	06/07/08 14:09 CST		0.20M	Tornado (EF1, L: 2.42 mi , W: 75 yd)
	06/07/08 14:14 CST		0.10M	Source: Emergency Manager
<p>This Dodge County tornado started in Columbia County, about 6 miles southeast of Cambria, and crossed into Dodge County where Beaver Creek crosses the county line. It moved east-northeast to point where CTH FW makes its closest approach to Rakes Bay. It then dissipated over the middle of Rakes Bay. In Dodge County, a home was damaged, a barn was severely damaged, and the top part of a silo was knocked off. Many large trees were uprooted and branched broken off. Also, some corn and soybean fields were damaged. The starting and ending locations for the Dodge County segment, with respect to lat/long pairs of numbers, were 43.49473/-89.00625 and 43.50617/-88.96057. DI#1 (SBO), DOD5. Wind speeds estimated at 95 mph. Average path width of the Dodge County segment was about 50 yards.</p>				
DODGE COUNTY --- RANDOLPH [43.53, -89.00], 2.0 S RANDOLPH [43.50, -89.00]				
	06/07/08 14:10 CST		50K	Thunderstorm Wind (EG 56 kt)
	06/07/08 14:15 CST		0	Source: Law Enforcement
<p>Trees down. Some structural damage.</p>				
SAUK COUNTY --- 1.8 SW PLAIN [43.26, -90.08], 1.5 SW PLAIN [43.26, -90.07]				
	06/07/08 14:16 CST		0	Tornado (EF0, L: 0.38 mi , W: 25 yd)
	06/07/08 14:17 CST		0	Source: Trained Spotter
<p>This tornado lasted less than a minute and resulted in only some minor tree damage. The starting and ending locations, with respect to lat/long pairs of numbers, were 43.26431/-90.07778 and 43.26410/-90.07033, respectively. DI #27 (TH), DOD2. Maximum wind speed about 80 mph. Average path width was about 15 yards.</p>				
DANE COUNTY --- 1.3 ESE COTTAGE GROVE ARPT [43.09, -89.16], 1.6 ESE COTTAGE GROVE ARPT [43.09, -89.15]				
	06/07/08 14:25 CST		0	Tornado (EF0, L: 0.45 mi , W: 25 yd)
	06/07/08 14:26 CST		0	Source: Trained Spotter
<p>This brief tornado lasted less than a minute, and resulted in only minor tree branch damage. The starting and ending locations, with respect to lat/long pairs of numbers, were 43.0901/-89.15824 and 43.09347/-89.15033, respectively. DI #28 (TS), DOD2. Maximum wind speed about 75 mph. Average path width was about 15 yards.</p>				
COLUMBIA COUNTY --- 2.0 NE CAMBRIA [43.57, -89.07], 2.0 SE CAMBRIA [43.53, -89.07], COLUMBUS [43.33, -89.02], NORTH LEEDS [43.33, -89.32]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/07/08 14:30 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		10K	Source: Law Enforcement
<p>Heavy rains resulted in a flash flood event that covered roads and flooded many back yards and lows spots from Cambia to Columbus. This event was one of 3 flash flood events over parts of Columbia County on 3 separate days. Two started on June 7th, and one on June 8th. In all 3 flash flood events, home and business damage was reported, and there was crop damage. It was nearly impossible to break down the damages by flash flood. Therefore, the collective damage breakdown for these events is provided in the June 8th flash flood StormData entry for Columbia County. The Spring Creek gauge site in Lodi crested at an all-time record high level of 8.40' on 6/9.</p>				
DANE COUNTY --- MAPLE BLUFF [43.10, -89.35]				
	06/07/08 14:35 CST		0	Funnel Cloud
	06/07/08 14:35 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 7.0 W FT ATKINSON [42.93, -88.99]				
	06/07/08 14:35 CST		0	Hail (0.75 in)
	06/07/08 14:35 CST		0	Source: Amateur Radio
DANE COUNTY --- 1.5 NE TOKEN CREEK [43.21, -89.26], 1.6 NE TOKEN CREEK [43.21, -89.25]				
	06/07/08 14:38 CST		0	Tornado (EF0, L: 0.21 mi , W: 25 yd)
	06/07/08 14:39 CST		0	Source: Trained Spotter
<p>This brief tornado lasted less than a minute, and resulted in only minor tree branch damage. The starting and ending locations, with respect to lat/long pairs of numbers, were 43.21357/-89.25815 and 43.21372/-89.25403, respectively. DI #28 (TS), DOD2. Maximum wind speed about 75 mph. Average path width was about 15 yards.</p>				
JEFFERSON COUNTY --- BUSSEYVILLE [42.90, -88.98]				
	06/07/08 14:42 CST		0	Funnel Cloud
	06/07/08 14:42 CST		0	Source: Law Enforcement
DANE COUNTY --- 2.0 NE SUN PRAIRIE [43.20, -89.17], 2.0 SE SUN PRAIRIE [43.16, -89.17], 2.0 SW SUN PRAIRIE [43.16, -89.23], 2.0 NW SUN PRAIRIE [43.20, -89.23]				
	06/07/08 14:45 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 02:00 CST		10K	Source: Trained Spotter
<p>Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the first of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County.</p>				
JEFFERSON COUNTY --- 0.6 ENE AZTALAN [43.08, -88.84], 0.8 ENE AZTALAN [43.08, -88.84]				
	06/07/08 14:49 CST		0	Tornado (EF0, L: 0.14 mi , W: 50 yd)
	06/07/08 14:50 CST		0	Source: Public
<p>This brief tornado lasted less than a minute, and resulted in only minor tree branch damage. The starting and ending locations, with respect to lat/long pairs of numbers, were 43.0901/-89.15824 and 43.09347/-89.15033, respectively. DI #28 (TS), DOD2. Maximum wind speed about 75 mph. Average path width was about 30 yards.</p>				
ROCK COUNTY --- 3.0 SSW ORFORDVILLE [42.59, -89.27]				
	06/07/08 15:00 CST		30K	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:00 CST		0	Source: Law Enforcement
<p>Powerful thunderstorm winds knocked down large trees and power-lines in southwestern Rock County, mainly southwest of STH 213.</p>				
WAUKESHA COUNTY --- WAUKESHA CO ARPT [43.04, -88.23]				
	06/07/08 15:00 CST		0	Hail (2.00 in)
	06/07/08 15:05 CST		0	Source: Public
<p>Large hail of 1 to 2 inches in diameter was reported from Shelly Lynn Road to CTH G. No damage reports were available.</p>				
JEFFERSON COUNTY --- 4.0 NE JOHNSON CREEK [43.12, -88.71]				
	06/07/08 15:03 CST		0	Funnel Cloud
	06/07/08 15:03 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JEFFERSON COUNTY --- 0.5 N WATERLOO [43.19, -88.98]				
	06/07/08 15:10 CST		0	Hail (1.00 in)
	06/07/08 15:10 CST		0	Source: Law Enforcement
JEFFERSON COUNTY --- HELENVILLE [43.02, -88.70]				
	06/07/08 15:11 CST		0	Hail (0.88 in)
	06/07/08 15:11 CST		0	Source: NWS Employee
WAUKESHA COUNTY --- WAUKESHA CO ARPT [43.04, -88.23]				
	06/07/08 15:13 CST		0	Thunderstorm Wind (EG 61 kt)
	06/07/08 15:13 CST		0	Source: Public
Powerful thunderstorm winds gusts knocked down several large trees.				
JEFFERSON COUNTY --- 4.0 ESE SULLIVAN [43.00, -88.51]				
	06/07/08 15:18 CST		0	Funnel Cloud
	06/07/08 15:18 CST		0	Source: NWS Employee
This funnel cloud was spotted by NWS employees at the Milwaukee/Sullivan WFO.				
ROCK COUNTY --- BELOIT [42.52, -89.03]				
	06/07/08 15:20 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:20 CST		0	Source: Law Enforcement
Powerful thunderstorm winds gusts knocked down several large trees and some power-lines.				
WAUKESHA COUNTY --- OCONOMOWOC [43.12, -88.48]				
	06/07/08 15:25 CST		0	Hail (1.75 in)
	06/07/08 15:35 CST		0	Source: NWS Employee
Hail size ranged from 1.00 to 1.75 inches in diameter.				
ROCK COUNTY --- 2.0 NE MILTON [42.79, -88.92]				
	06/07/08 15:26 CST		0	Hail (0.75 in)
	06/07/08 15:26 CST		0	Source: Law Enforcement
DANE COUNTY --- MAZOMANIE [43.17, -89.78]				
	06/07/08 15:28 CST		0	Funnel Cloud
	06/07/08 15:28 CST		0	Source: Law Enforcement
WAUKESHA COUNTY --- DOWNTOWN WAUKESHA [43.02, -88.22]				
	06/07/08 15:28 CST		0	Hail (1.00 in)
	06/07/08 15:28 CST		0	Source: NWS Employee
GREEN COUNTY --- 3.0 E DAYTON [42.82, -89.44]				
	06/07/08 15:29 CST		0	Thunderstorm Wind (EG 50 kt)
	06/07/08 15:29 CST		0	Source: Trained Spotter
Powerful thunderstorm winds gusts knocked down several large trees.				
DODGE COUNTY --- 2.8 NW WATERTOWN [43.23, -88.76], 4.0 N WATERTOWN [43.26, -88.72], 2.8 NE WATERTOWN [43.23, -88.68], WATERTOWN [43.20, -88.72]				
	06/07/08 15:30 CST		6.57M	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		8K	Source: Unknown

Heavy rains resulted in flash flooding across much of south-central Dodge County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 75 with minor damage, and 7 destroyed (total of \$4.065 million). The breakdown for business losses were: 12 with minor damage, 6 with major damage, and 2 destroyed (total of \$1.1 million). Crop losses were estimated at 8 million. Public sector damage was about \$1.4 million. There were several roads and bridges that sustained damage.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DODGE COUNTY --- LEBANON [43.25, -88.63], IRON RIDGE [43.40, -88.53], RUBICON [43.33, -88.47], ASHIPUN [43.22, -88.52]				
	06/07/08 15:30 CST		1.20M	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		5M	Source: Law Enforcement
<p>Heavy rains resulted in flash flooding over parts of southeastern Dodge County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses was: 10 with minor damage (total of \$1 million). The breakdown for business losses was: 1 with minor damage (total of \$100 thousand). Crop losses were estimated at 5 million. Public sector damage was about \$100 thousand. There were a couple roads that sustained damage.</p>				
ROCK COUNTY --- EVANSVILLE [42.78, -89.30]				
	06/07/08 15:30 CST		0	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:30 CST		0	Source: Public
<p>Powerful thunderstorm winds gusts knocked down several large trees.</p>				
DANE COUNTY --- 1.7 W STOUGHTON [42.92, -89.25], 0.4 SSW KEGONSA [42.96, -89.20]				
	06/07/08 15:40 CST		0.43M	Tornado (EF1, L: 3.83 mi , W: 150 yd)
	06/07/08 15:48 CST		0	Source: Emergency Manager
<p>This tornado moved from just west of Hults Road on the far western part of Stoughton northeast to a point northwest of the intersection of CTH B and CTH N. Based on the observed damage, it was probably a multiple-vortex tornado. In the Stoughton area, with respect to residential homes, it resulted in very minor damage to 24 homes, minor damage to 21 homes, and major damage to 3 homes. Additionally, 1 church sustained major damage, and 1 tobacco shed was destroyed. Total estimated property damage (roofs, siding, walls, windows) in the Stoughton area was \$409,000. In the Civil town of Pleasant Springs, 12 homes sustained minor damage estimated at about \$20,000. The starting and ending locations in Dodge County, with respect to lat/long pairs of numbers, were 42.92395/-89.25369 and 42.96431/-89.20166, respectively. DI #2 (FR12), DOD4. Maximum wind speed about 90-95 mph. Average path width about 75 yards.</p>				
DANE COUNTY --- BELLEVILLE [42.85, -89.53]				
	06/07/08 15:40 CST		15K	Thunderstorm Wind (EG 65 kt)
	06/07/08 15:57 CST		0	Source: Trained Spotter
<p>Powerful thunderstorm winds gusts knocked down several large trees and power-lines.</p>				
DANE COUNTY --- OREGON [42.93, -89.38], 2.0 SE OREGON [42.91, -89.35]				
	06/07/08 15:43 CST		0	Thunderstorm Wind (EG 56 kt)
	06/07/08 15:43 CST		0	Source: Law Enforcement
<p>Powerful thunderstorm winds gusts knocked down several large trees onto STH Hwy 14 south of Oregon.</p>				
WAUKESHA COUNTY --- 2.0 SSW HARTLAND [43.07, -88.37]				
	06/07/08 15:50 CST		0	Hail (3.00 in)
	06/07/08 15:50 CST		0	Source: Trained Spotter
<p>Hail size ranged from 0.75 to 3.00 inches in diameter.</p>				
WAUKESHA COUNTY --- 1.0 N BIG BEND [42.89, -88.20], 3.5 SE BIG BEND [42.84, -88.15], 3.0 S BIG BEND [42.84, -88.20], 3.5 SW BIG BEND [42.84, -88.25]				
	06/07/08 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		10K	Source: Law Enforcement
<p>Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was one of 3 flash floods in Waukesha County on June 7th. Some crop damage was noted in nearby rural areas around Pewaukee. Another round of heavy rains on June 8th resulted in flash flooding around North Prairie. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood. Therefore, the collective breakdown is provided in the June 8th StormData entry for Waukesha County.</p>				
WAUKESHA COUNTY --- 2.0 NE WAUKESHA CO ARPT [43.06, -88.20], 2.0 SE WAUKESHA CO ARPT [43.02, -88.20], 2.0 SW WAUKESHA CO ARPT [43.02, -88.26], 2.0 NW WAUKESHA CO ARPT [43.06, -88.26]				
	06/07/08 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST		10K	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was one of 3 flash floods in Waukesha County on June 7th. Some crop damage was noted in nearby rural areas. Another round of heavy rains on June 8th resulted in flash flooding around North Prairie. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood. Therefore, the collective breakdown is provided in the June 8th StormData entry for Waukesha County.				

WAUKESHA COUNTY --- OCONOMOWOC [43.12, -88.48], BROOKFIELD [43.07, -88.15], BIG BEND [42.88, -88.20], DOUSMAN [43.02, -88.47]

	06/07/08 16:00 CST	0	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST	10K	Source: Law Enforcement

Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was one of 3 flash floods in Waukesha County on June 7th. Some crop damage was noted in nearby rural areas around Pewaukee. Another round of heavy rains on June 8th resulted in flash flooding around North Prairie. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood. Therefore, the collective breakdown is provided in the June 8th StormData entry for Waukesha County.

DANE COUNTY --- 2.0 N STOUGHTON [42.95, -89.22]

	06/07/08 16:06 CST	0	Thunderstorm Wind (EG 56 kt)
	06/07/08 16:06 CST	0	Source: Trained Spotter

Powerful thunderstorm winds gusts knocked down several large trees.

MILWAUKEE COUNTY --- BROWN DEER [43.17, -87.97], SHOREWOOD [43.10, -87.88], WAUWATOSA [43.05, -87.95], 10.0 NW DOWNTOWN MILWAUKEE [43.13, -88.11]

	06/07/08 16:30 CST	10K	Flash Flood (due to Heavy Rain)
	06/08/08 01:00 CST	0	Source: Law Enforcement

Heavy rains resulted in flash flooding across the northern part of Milwaukee County. Water depths on some roads reached 3 to 4 feet and many cars stalled. Water entered many homes and businesses. Another flash flood event occurred across mostly southern Milwaukee County on June 7th, and another flash flood event occurred on June 8th. Collectively, these 3 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for the 3 flash flood events is provided in the June 8th StormData entry for Milwaukee County.

WAUKESHA COUNTY --- 1.5 S EAGLE [42.86, -88.48], 1.4 S EAGLE [42.86, -88.47]

	06/07/08 16:37 CST	0	Tornado (EF0, L: 0.12 mi , W: 20 yd)
	06/07/08 16:38 CST	0	Source: Trained Spotter

A brief tornado lasting less than a minute was spotted by the Eagle Police Department and Fire Department. Damage was restricted to broken tree branches. The starting and ending locations, with respect to lat/long pairs of numbers, were 42.85852/-88.47545 and 42.85973/-88.47364, respectively. DI #28 (TS), DOD2. Maximum wind speed about 75 mph.

MILWAUKEE COUNTY --- DOWNTOWN MILWAUKEE [43.03, -87.97], SOUTH MILWAUKEE [42.92, -87.85], FRANKLIN [42.87, -88.08], HALES CORNERS [42.93, -88.05]

	06/07/08 16:45 CST	10K	Flash Flood (due to Heavy Rain)
	06/07/08 19:30 CST	0	Source: Law Enforcement

Heavy rains resulted in flash flooding across the southern part of Milwaukee County. Water depths on some roads reached 3 to 4 feet and many cars stalled. Water entered many homes and businesses. Another flash flood event occurred across northern Milwaukee County on June 7th, and another flash flood event occurred on June 8th. Collectively, these 3 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for the 3 flash flood events is provided in the June 8th StormData entry for Milwaukee County. On June 7th, 4.93 inches of rain fell at Milwaukee Mitchell Field, breaking the old record rainfall for the date which was 2.44 inches (June 7, 1916).

MILWAUKEE COUNTY --- WEST ALLIS [43.00, -87.97]

	06/07/08 17:00 CST	0	Thunderstorm Wind (EG 50 kt)
	06/07/08 17:00 CST	0	Source: Trained Spotter

Powerful thunderstorm winds gusts knocked down several large tree branches up to 10 inches in diameter.

SAUK COUNTY --- LA VALLE [43.58, -90.13], 6.0 NNW REEDSBURG [43.61, -90.05]

	06/07/08 17:59 CST	0	Hail (1.00 in)
	06/07/08 18:10 CST	0	Source: Law Enforcement

Diameters of hail stones ranged from 0.88 to 1.00 inch.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SAUK COUNTY --- 2.0 NE ROCK SPGS [43.50, -89.89], 2.0 SE ROCK SPGS [43.46, -89.89], 2.0 SW ROCK SPGS [43.46, -89.95], 2.0 NW ROCK SPGS [43.50, -89.95]				
	06/07/08 19:00 CST		10K	Flash Flood (due to Heavy Rain)
	06/08/08 01:30 CST		0	Source: Law Enforcement
<p>Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.</p>				
GREEN LAKE COUNTY --- DALTON [43.65, -89.20], 4.5 E DALTON [43.65, -89.11]				
	06/07/08 19:13 CST		0	Thunderstorm Wind (EG 52 kt)
	06/07/08 19:24 CST		0	Source: Trained Spotter
<p>Powerful thunderstorm winds gusts knocked down several large trees from Dalton to along CTH GG near the Green Lake/Columbia County boarder.</p>				
DODGE COUNTY --- RANDOLPH [43.53, -89.00]				
	06/07/08 19:25 CST		0	Thunderstorm Wind (EG 52 kt)
	06/07/08 19:25 CST		0	Source: Law Enforcement
<p>Powerful thunderstorm winds gusts knocked down several large trees.</p> <p>A slow-moving surface boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period of June 7th through June 9th. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The atmosphere was very moist with precipitable water values around 2 inches. Low to mid-level wind flow supported training of flood-producing thunderstorms. There was sufficient vertical wind shear to allow for supercell development that resulted in 10 tornadoes spinning up in south-central and southeast Wisconsin on June 7th. A weak cool front pushed through southern Wisconsin late on the 8th/early on the 9th, finally ending the heavy rainfall.</p> <p>During the evening of June 7th, several roads near STH 89 south of Columbus were washed out. STH 16 east of Columbus closed on June 8th due to high waters. A state-of-emergency was declared in Milwaukee County the evening of June 7th due to widespread flash flooding, and Milwaukee Mitchell Field was close for several hours due to high water levels.</p>				
DODGE COUNTY --- REESEVILLE [43.30, -88.83], HORICON [43.45, -88.63], NEOSHO [43.32, -88.52], RICHWOOD [43.23, -88.77]				
	06/08/08 08:15 CST		1.90M	Flash Flood (due to Heavy Rain)
	06/08/08 13:20 CST		8M	Source: Law Enforcement
<p>Heavy rains resulted in flash flooding across much of central Dodge County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The Rock and Crawfish Rivers set all-time crest records in June, 2008. The breakdown for residential home losses were: 8 with minor damage, and 3 destroyed (total of \$1 million for home losses). The breakdown for business losses were: 3 with minor damage, and 5 with major damage (total of \$100 thousand). Crop losses were estimated at 8 million. Public sector damage was about \$184 thousand. There were a couple roads and bridges that sustained damage.</p>				
GREEN COUNTY --- 4.0 S BROWNTOWN [42.52, -89.82]				
	06/08/08 08:15 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/08 08:15 CST		0	Source: Law Enforcement
<p>Powerful thunderstorms winds knocked down a few large trees.</p>				
FOND DU LAC COUNTY --- RIPON [43.83, -88.83], OAKFIELD [43.68, -88.55], WAUPUN [43.63, -88.73], 5.0 S FAIRWATER [43.68, -88.85]				
	06/08/08 08:30 CST		4.64M	Flash Flood (due to Heavy Rain)
	06/08/08 13:00 CST		9M	Source: Law Enforcement
<p>Heavy rains resulted in flash flooding across much of western Fond du Lac County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 4000 minimally affected, 2100 with minor damage, 125 with major damage, and 15 destroyed (total of \$3.87 million for home losses). The breakdown for business losses were: 35 with minor damage (total of \$242 thousand). Crop losses were estimated at \$9 million. Public sector damage was about \$772 thousand. There were several roads and bridges that sustained damage.</p>				
ROCK COUNTY --- ORFORDVILLE [42.63, -89.25], 4.0 NE BELOIT [42.56, -88.97]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/08/08 08:30 CST		25K	Thunderstorm Wind (EG 65 kt)
	06/08/08 08:45 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down many large trees and some power-lines.				
JEFFERSON COUNTY --- 7.0 SSW LAKE MILLS [42.99, -88.95], LAKE MILLS [43.08, -88.90]				
	06/08/08 08:56 CST		25K	Thunderstorm Wind (EG 50 kt)
	06/08/08 09:15 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked down large trees and power-lines.				
WALWORTH COUNTY --- RICHMOND [42.72, -88.73]				
	06/08/08 09:00 CST		0	Thunderstorm Wind (EG 56 kt)
	06/08/08 09:00 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked down large trees.				
WASHINGTON COUNTY --- WAYNE [43.52, -88.32], NEWBURG [43.43, -88.05], GERMANTOWN [43.23, -88.10], HARTFORD [43.32, -88.38]				
	06/08/08 09:15 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 14:30 CST		0	Source: Law Enforcement
Heavy rains resulted in flash flooding over much of Washington County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields would remain flooded into early July. The breakdown in residential home losses were: 560 affected with minimal damage, 60 with minor damage, and 12 with major damage (total of about \$2.4 million). Business losses were: 45 with minor damage, and 5 with major damage (total of about \$1.125 million). Crops losses were estimated at 2 million. Public sector damage was about \$3.5 million. There were several roads and bridges that sustained damage.				
WAUKESHA COUNTY --- 4.0 SW DOUSMAN [42.98, -88.53]				
	06/08/08 09:15 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/08 09:15 CST		0	Source: NWS Employee
Powerful thunderstorms winds knocked down a few large trees.				
JEFFERSON COUNTY --- LAKE MILLS [43.08, -88.90], WATERTOWN [43.20, -88.72], PALMYRA [42.88, -88.60], FT ATKINSON [42.93, -88.85]				
	06/08/08 09:30 CST		0.10B	Flash Flood (due to Heavy Rain)
	06/08/08 13:00 CST		35M	Source: Law Enforcement
Heavy rains resulted in flash flooding across much of Jefferson County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. The rain on June 12th ultimately lead to record-setting crests on the Rock and Crawfish Rivers, and many farm fields remained flooded into early July. The cities of Watertown, Jefferson, and Ft. Atkinson were hard hit by high river levels. The breakdown on residential home damage losses were: 100 with minor damage, 400 with major damage, and 10 destroyed (total of about \$36 million). Business losses totaled about \$21.4 million. Crops losses were estimated at \$35 million. Public sector damage was about \$44.811 million. There were several roads and bridges that sustained damage.				
WAUKESHA COUNTY --- 2.0 SE NORTH PRAIRIE [42.91, -88.37], 2.0 SW NORTH PRAIRIE [42.91, -88.43], 2.0 NW NORTH PRAIRIE [42.95, -88.43], 2.0 N NORTH PRAIRIE [42.95, -88.37]				
	06/08/08 09:30 CST		62.99M	Flash Flood (due to Heavy Rain)
	06/08/08 14:30 CST		1M	Source: Law Enforcement
Heavy rains resulted in flash flooding across much of Waukesha County. Water reached depths of 3 feet or more and several cars stalled. This was one of 4 flash floods in Waukesha County that occurred on Junen 7th and 8th. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for all of Waukesha County is provided in this flash flood event.				
The breakdown for residential home losses were: 1433 with minor damage, 188 with major damage, and 1 destroyed (total of \$54.632 million for home losses). Business losses totaled \$5.462 million. Crop losses were estimated at \$1 million. Public sector damage was about \$2.9 million. There were several roads and bridges that sustained damage.				
SHEBOYGAN COUNTY --- 5.0 NW PLYMOUTH [43.80, -88.05], KOHLER [43.73, -87.78], RANDOM LAKE [43.55, -87.97], BEECHWOOD [43.60, -88.12]				
	06/08/08 09:45 CST		0.15M	Flash Flood (due to Heavy Rain)
	06/08/08 14:30 CST		0.20M	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rains resulted in flash flooding around Plymouth and south to the county line. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 20 minimally affected, and 20 with minor damage (total of \$50 thousand for home losses). There were no business losses. Crop losses were estimated at \$200 thousand. Public sector damage was about \$100 thousand. A couple roads and bridges sustained damage.				

KENOSHA COUNTY --- SILVER LAKE [42.55, -88.17], DOWNTOWN KENOSHA [42.58, -87.83]

06/08/08 09:50 CST	25K	Thunderstorm Wind (EG 56 kt)
06/08/08 10:20 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees and power-lines.

KENOSHA COUNTY --- TWIN LAKES [42.53, -88.25], NEW MUNSTER [42.58, -88.23], SOMERS [42.65, -87.90], PLEASANT PRAIRIE [42.55, -87.93]

06/08/08 10:00 CST	1.97M	Flash Flood (due to Heavy Rain)
06/08/08 13:00 CST	2M	Source: Law Enforcement

Heavy rains resulted in flash flooding across much of Kenosha County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 37 minimally affected, 47 with minor damage, 33 with major damage, and 3 destroyed (total of \$300 thousand for home losses). There were no business losses. Crop losses were estimated at 2 million. Public sector damage was about \$673 thousand. There were several roads and bridges that sustained damage.

WALWORTH COUNTY --- WHITEWATER [42.83, -88.73], RICHMOND [42.72, -88.73], LAKE GENEVA [42.60, -88.43], LA GRANGE [42.80, -88.60]

06/08/08 10:00 CST	0.15M	Flash Flood (due to Heavy Rain)
06/08/08 13:00 CST	1M	Source: Law Enforcement

Heavy rains resulted in flash flooding across a good part of Walworth County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. State Highway 59 was closed in Whitewater. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 10 with minor damage (total of about \$50 thousand in damage). There were no business losses. Crop losses were estimated at \$1 million. Public sector damage was about \$100 thousand.

MILWAUKEE COUNTY --- 2.0 NW GREENFIELD [42.97, -88.03]

06/08/08 10:17 CST	0	Thunderstorm Wind (MG 56 kt)
06/08/08 10:17 CST	0	Source: Amateur Radio

Powerful thunderstorms winds knocked down large trees.

MILWAUKEE COUNTY --- BROWN DEER [43.17, -87.97], FOX PT [43.17, -87.88], SOUTH MILWAUKEE [42.92, -87.85], FRANKLIN [42.87, -88.08]

06/08/08 10:30 CST	77.97M	Flash Flood (due to Heavy Rain)
06/08/08 14:45 CST	15.50K	Source: Law Enforcement

Heavy rains resulted in flash flooding across much of Milwaukee County. Water depths on some roads reached 3 to 4 feet and many cars stalled. Water entered many homes and businesses. Two other flash flood event occurred in Milwaukee County on June 7th. Collectively, these 3 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown for the 3 flash flood events is provided in the June 8th StormData entry for Milwaukee County.

The collective breakdown for residential home losses were: 3957 minimally affected, 2583 with minor damage, and 1135 with major damage (total of \$32/301 million for home losses). The total business losses were \$5.855 million. Crop losses were \$15.5 thousand. Public sector damage was about \$40.814 million. Several roads and bridges that sustained damage. On June 7th, 4.93 inches of rain fell at Milwaukee Mitchell Field, breaking the old record rainfall for the date which was 2.44 inches (June 7, 1916). On June 8th, 2.25 inches of rain broke the old record rainfall for the date which was 1.24 inches (June 8, 1974). Combined, these two days of rainfall broke the 48-hour all-time rainfall record at Milwaukee. The previous record was 6.84 inches, which was recorded on August 5-6, 1986. On June 7-8, 2008, Milwaukee observed 7.18 inches of rain.

RACINE COUNTY --- 4.0 SW DOWNTOWN RACINE [42.68, -87.86]

06/08/08 10:50 CST	0	Thunderstorm Wind (EG 56 kt)
06/08/08 10:50 CST	0	Source: Amateur Radio

Powerful thunderstorms winds knocked down large trees.

KENOSHA COUNTY --- 2.0 N SOMERS [42.68, -87.90]

06/08/08 10:55 CST	0	Thunderstorm Wind (EG 56 kt)
06/08/08 10:55 CST	0	Source: Trained Spotter

Powerful thunderstorms winds knocked down large trees.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SAUK COUNTY --- LA VALLE [43.58, -90.13], LAKE DELTON [43.58, -89.78], SAUK CITY [43.27, -89.73], LONE ROCK AIRPORT [43.21, -90.19]				
	06/08/08 11:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 21:00 CST		10K	Source: Law Enforcement

Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.

COLUMBIA COUNTY --- 5.0 SW OKEE [43.30, -89.65], PORTAGE [43.55, -89.45], POYNETTE [43.40, -89.40], LODI [43.32, -89.52]				
	06/08/08 12:00 CST		15.66M	Flash Flood (due to Heavy Rain)
	06/08/08 21:00 CST		40M	Source: Law Enforcement

Heavy rains resulted in a flash flood event that washed out some roads and gravel shoulders in the western part of the county. This event was one of 3 flash flood events over parts of Columbia County on 3 separate days. Two started on June 7th, and one on June 8th. In all 3 flash flood events, home and business damage was reported, and there was crop damage. Some farm fields remained flooded into early July. It was nearly impossible to break down the damages by flash flood. Therefore, the collective damage breakdown for these events is provided in this June 8th flash flood StormData entry for Columbia County.

The breakdown for residential home losses were: over 1500 minimally affected, 45 with minor damage, 26 with major damage, and 5 destroyed (total of \$10 million for home losses). Total business losses were about \$2 million. Crop losses were estimated at about \$40 million. Public sector damage was about \$3.66 million. There were several roads and bridges that sustained damage.

DANE COUNTY --- ALBION [42.88, -89.07], UTICA [42.97, -89.12], ROCKDALE [42.97, -89.03], 3.0 SE ALBION [42.85, -89.03]				
	06/08/08 12:00 CST		0	Flash Flood (due to Heavy Rain)
	06/08/08 14:00 CST		10K	Source: Law Enforcement

Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 2nd of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County.

GREEN COUNTY --- BROWNTOWN [42.58, -89.82], NEW GLARUS [42.82, -89.63], DAYTON [42.82, -89.50], 5.0 SSE BRODHEAD [42.55, -89.33]				
	06/08/08 12:30 CST		1.32M	Flash Flood (due to Heavy Rain)
	06/08/08 14:00 CST		20M	Source: Law Enforcement

Heavy rains resulted in flash flooding across much of Green County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 109 with minor damage, 12 with major damage, and 1 destroyed (total of \$750 thousand for home losses). There were no business losses. Farm building losses were: 1 with minor damage, 2 with major damage, and 4 destroyed (for a total of \$195 thousand in farm building losses). Crop losses were estimated at \$20 million. Public sector damage was about \$373.3 thousand. There were several roads and bridges that sustained damage.

FOND DU LAC COUNTY --- CAMPBELLSPORT [43.60, -88.28]				
	06/08/08 17:35 CST		0	Thunderstorm Wind (EG 56 kt)
	06/08/08 17:35 CST		0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees.

JEFFERSON COUNTY --- 8.0 NW FT ATKINSON [43.01, -88.96]				
	06/08/08 17:55 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/08 17:55 CST		0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees.

DODGE COUNTY --- ALDERLEY [43.22, -88.45], ASHIPUN [43.22, -88.52], HUSTISFORD [43.35, -88.60], IRON RIDGE [43.40, -88.53]				
	06/08/08 18:00 CST		0.46M	Flash Flood (due to Heavy Rain)
	06/08/08 23:00 CST		8M	Source: Amateur Radio

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Heavy rains resulted in flash flooding across much of southeastern Dodge County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses was: 8 with minor damage (total of \$200 thousand for home losses). The breakdown for business losses was: 1 with minor damage (total of \$78 thousand). Crop losses were estimated at 8 million. Public sector damage was about \$184 thousand. There were several roads and bridges that sustained damage.</p>				

DANE COUNTY --- MIDDLETON [43.10, -89.50], DOWNTOWN MADISON [43.07, -89.42], OREGON [42.93, -89.38], VERONA [42.98, -89.53]

06/08/08 18:30 CST	0	Flash Flood (due to Heavy Rain)
06/08/08 23:00 CST	10K	Source: Law Enforcement

Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 3rd of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County. On June 7th, 2.23 inches of rain broke the old record rainfall for the date which was 2.01 inches (June 7, 1993). On June 8th, 4.11 inches of rain broke the old record rainfall for the date which was 1.40 inches (June 8, 1874).

LAFAYETTE COUNTY --- 3.5 W ARGYLE [42.70, -89.94]

06/08/08 18:35 CST	0	Thunderstorm Wind (EG 50 kt)
06/08/08 18:35 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees.

IOWA COUNTY --- 5.0 NNW BLANCHARDVILLE [42.89, -89.91]

06/08/08 18:45 CST	0	Thunderstorm Wind (EG 50 kt)
06/08/08 18:45 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees.

LAFAYETTE COUNTY --- 4.0 W GRATIOT [42.58, -90.10]

06/08/08 18:45 CST	0	Thunderstorm Wind (EG 50 kt)
06/08/08 18:45 CST	0	Source: Trained Spotter

Powerful thunderstorms winds knocked down large trees.

GREEN COUNTY --- 7.0 NNE MONROE [42.69, -89.58]

06/08/08 19:00 CST	0	Thunderstorm Wind (EG 50 kt)
06/08/08 19:00 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees.

DANE COUNTY --- VERONA [42.98, -89.53]

06/08/08 19:10 CST	10K	Lightning
06/08/08 19:10 CST	0	Source: Newspaper

Lightning struck a home, and the current damaged the residents's electrical system, appliances, and televisions.

DANE COUNTY --- COTTAGE GROVE [43.08, -89.20]

06/08/08 19:25 CST	0	Thunderstorm Wind (EG 50 kt)
06/08/08 19:25 CST	0	Source: Trained Spotter

Powerful thunderstorms winds knocked down large trees.

ROCK COUNTY --- BELOIT [42.52, -89.03]

06/08/08 19:35 CST	20K	Thunderstorm Wind (EG 56 kt)
06/08/08 19:35 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees and power-lines.

WALWORTH COUNTY --- SHARON [42.50, -88.73]

06/08/08 19:55 CST	0	Thunderstorm Wind (EG 50 kt)
06/08/08 19:55 CST	0	Source: Trained Spotter

Powerful thunderstorms winds knocked down large trees.

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RACINE COUNTY --- WATERFORD [42.77, -88.22], CALEDONIA [42.80, -87.93], DOWNTOWN RACINE [42.72, -87.80], BURLINGTON [42.67, -88.27]				
	06/08/08 20:15 CST		2.15M	Flash Flood (due to Heavy Rain)
	06/09/08 01:30 CST		1.50M	Source: Amateur Radio

Heavy rains resulted in flash flooding across much of Racine County, especially in the city of Racine. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 10 minimally affected, 30 with minor damage, and 15 with major damage (total of \$400 thousand for home losses). There were no business losses. Crop losses were estimated at \$1.5 million. Public sector damage was about \$1.748 million. There were several roads and bridges that sustained damage.

A slow-moving surface boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period of June 7th through June 9th. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The atmosphere was very moist with precipitable water values around 2 inches. Low to mid-level wind flow supported training of flood-producing thunderstorms. A weak cool front pushed through southern Wisconsin late on the 8th/early on the 9th, finally ending the heavy rainfall.

The heavy rain axis for June 7-9th ran from Sauk County southeast to Milwaukee County, where generally 6 to 9 inches fell on a ground that was totally saturated due to record-setting winter snowfalls and a wet April, 2008. Several locations topped 10 inches, and Watertown (Jefferson Co.) came in with 13.5 inches, 11.35 inches was measured in Oak Creek (Milwaukee Co.), and Elm Grove in Waukesha County picked up 10.8 inches.

SAUK COUNTY --- 1.0 NE LAKE DELTON [43.59, -89.77], 1.0 SE LAKE DELTON [43.57, -89.77], 1.0 SW LAKE DELTON [43.57, -89.79], 1.0 NW LAKE DELTON [43.59, -89.79]				
	06/09/08 08:00 CST		22.40M	Flash Flood (due to Dam / Levee Break)
	06/09/08 14:00 CST		15M	Source: Law Enforcement

Sauk County experienced 4 flash flood events over a 3-day period. Two of the events started on June 7th, one on June 8th, and the last one on June 9th. In each case, flash flooding caused home and business damage as well as crop losses. Roads were blocked or washed out (STH 154 and CTH C), and bridges were damaged. Many vehicles stalled. Locations in the Baraboo River Valley sustained considerable damage as the river crested at all-time levels. Collectively, each of these 4 flash floods resulted in home and business damage along with some crop losses. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the June 9th StormData entry for Sauk County.

On June 9th, the levee holding back Lake Delton eroded over a 5 hour period and eventually broke (the actual dam held), allowing Lake Delton to empty into the Wisconsin River. A 300-foot section of CTH near the breach was washed away. At least 4 homes were washed away, and damage was inflicted on boats and piers. There were no injuries or fatalities.

The breakdown for residential home losses for the 3-day period were: over 800 minimally affected, 45 with major damage, and 31 destroyed (total of \$19.2 million for home losses). Business losses are estimated to be about \$1 million. Crop losses were estimated at \$15 million. Public sector damage was about \$2.25 million. Several roads and bridges sustained damage.

A slow-moving surface boundary, nearly parallel with the mid-level flow affected southern Wisconsin during the period of June 7th through June 9th. A strengthening low-level jet and strong moisture advection produced several rounds of thunderstorms during the period in the vicinity of this boundary. The atmosphere was very moist with precipitable water values around 2 inches. Low to mid-level wind flow supported training of flood-producing thunderstorms. There was sufficient vertical wind shear to allow for supercell development that resulted in 10 tornadoes spinning up in south-central and southeast Wisconsin on June 7th. A weak cool front pushed through southern Wisconsin late on the 8th/early on the 9th, finally ending the heavy rainfall.

The heavy rain axis for June 7-9th ran from Sauk County southeast to Milwaukee County, where generally 6 to 9 inches fell on a ground that was totally saturated due to record-setting winter snowfalls and a wet April, 2008. Several locations topped 10 inches, and Watertown (Jefferson Co.) came in with 13.5 inches, 11.35 inches was measured in Oak Creek (Milwaukee Co.), and Elm Grove in Waukesha County picked up 10.8 inches.

The Baraboo River crested at all-time record-high levels at the following gauge sites: La Valle (23.23' on 6/10), Rock Springs (28.73' on 6/11), West Baraboo (27.48' on 6/12), and Baraboo (27.48' on 6/13). Elsewhere, new all-time crest levels were established at Franklin on the Root River (11.0' on 6/8), near Raymond on the Root Canal River (12.12' on 6/9), and at Racine on the Racine River (11.29' on 6/9).

ROCK COUNTY --- 0.5 S DOWNTOWN JANESVILLE [42.67, -89.02]				
	06/12/08 12:15 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/12/08 12:15 CST		0	Source: Trained Spotter

Powerful thunderstorms winds knocked down large trees and power-lines.

WALWORTH COUNTY --- 6.0 NW DELAVAN [42.69, -88.71]				
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Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/12/08 12:24 CST		0	Thunderstorm Wind (MG 54 kt)
	06/12/08 12:24 CST		0	Source: Amateur Radio

Powerful thunderstorms winds knocked down large trees.

WALWORTH COUNTY --- ELKHORN [42.67, -88.55]

06/12/08 12:55 CST	30K	Thunderstorm Wind (EG 50 kt)
06/12/08 13:00 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees and power-lines.

WALWORTH COUNTY --- DELAVAN [42.63, -88.63], LA GRANGE [42.80, -88.60], EAST TROY [42.78, -88.40], ELKHORN [42.67, -88.55]

06/12/08 13:00 CST	0.53M	Flash Flood (due to Heavy Rain)
06/12/08 15:30 CST	4.25M	Source: Trained Spotter

Heavy rains resulted in flash flooding across mostly the northeast part of Walworth County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Soem roads were closed. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 23 with minor damage (total of \$183 thousand for home losses). There were no business losses. Crop losses were estimated at \$4.254 million. Public sector damage was about \$342.6 thousand. Some roads and bridges sustained damage.

WALWORTH COUNTY --- 3.0 NE EAST TROY [42.81, -88.36], 4.0 NE EAST TROY [42.82, -88.34]

06/12/08 13:10 CST	0.15M	Thunderstorm Wind (EG 78 kt)
06/12/08 13:10 CST	0	Source: Law Enforcement

Powerful, hurricane-force thunderstorms winds knocked down many trees, power-lines, and an old silo. Additionally, part of a roof of a barn was ripped off, a concrete wall of a machine shed was blown in, and 2 semi tractor-trailers were blown over on Interstate-43. Peak wind gusts were estimated at 78 knots (90 mph), but this number could be 9 knots (10 mph) too low or too high.

IOWA COUNTY --- REWEY [42.85, -90.40]

06/12/08 13:40 CST	0	Hail (0.88 in)
06/12/08 13:40 CST	0	Source: Law Enforcement

GREEN COUNTY --- 7.0 ENE DAYTON [42.86, -89.37]

06/12/08 14:20 CST	0	Hail (0.88 in)
06/12/08 14:20 CST	0	Source: Law Enforcement

IOWA COUNTY --- 3.0 W COBB [42.97, -90.39], 5.0 W ARENA [43.17, -90.02], 5.0 SSE ARENA [43.10, -89.88], 5.0 SE COBB [42.92, -90.26]

06/12/08 14:30 CST	2.83K	Flash Flood (due to Heavy Rain)
06/12/08 18:00 CST	0.50M	Source: Emergency Manager

Heavy rains resulted in flash flooding from the Cobb to Arena area. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. At least one hundred homes were affected with at least some flooding. Ninety-five homes had minor damage, and 5 homes were destroyed (total of \$1.5 million for all home property losses). No business losses were reported. Crops losses were estimated at \$500 thousand. Public sector damage was about \$1.325 million. There were several roads and bridges that sustained damage.

LAFAYETTE COUNTY --- 5.0 NW DARLINGTON [42.73, -90.19], 3.0 NW YELLOWSTONE LAKE STATE PARK [42.80, -90.01], 3.0 SE YELLOWSTONE LAKE STATE PARK [42.74, -89.93], 3.0 SE DARLINGTON [42.65, -90.08]

06/12/08 14:30 CST	0.46M	Flash Flood (due to Heavy Rain)
06/12/08 18:30 CST	0.30M	Source: Emergency Manager

Heavy rains resulted in flash flooding from the Darlington area to Yellowstone Lake State Park. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Home damage totaled about \$200 thousand. Business damage totaled about \$100 thousand. Crop losses totaled about \$300 thousand. Public sector damage totaled about \$162,160. There were several roads and bridges that sustained damage.

GREEN COUNTY --- 4.0 S JUDA [42.52, -89.50]

06/12/08 14:40 CST	50K	Thunderstorm Wind (EG 65 kt)
06/12/08 14:40 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down large trees, and two sheds blown down.

SAUK COUNTY --- 5.0 SE BARABOO [43.42, -89.66], 8.0 E DEVILS LAKE STATE PARK [43.43, -89.57], 8.0 ESE DEVILS LAKE STATE PARK [43.39, -89.58], 4.0 SE DEVILS LAKE STATE PARK [43.39, -89.67]

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/12/08 15:00 CST		0	Flash Flood (due to Heavy Rain)
	06/12/08 15:00 CST		0	Source: COOP Observer

Measured 2.5 inches of rain over 2 hours 10 miles west of Poynette.

COLUMBIA COUNTY --- PARDEEVILLE [43.53, -89.28]

06/12/08 15:14 CST	0	Thunderstorm Wind (MG 56 kt)
06/12/08 15:14 CST	0	Source: Mesonet

Powerful thunderstorm winds gusts, measured at 56 knots (65 mph) occurred at the DNR RAWS weather observation site.

DODGE COUNTY --- 0.5 N BEAVER DAM [43.48, -88.83], 3.3 NNE BEAVER DAM [43.51, -88.80]

06/12/08 15:19 CST	0	Hail (1.75 in)
06/12/08 15:22 CST	0	Source: Law Enforcement

Hail ranging from 0.75 to 1.75 inches in diameter was reported just north of Beaver Dam. There were no damage reports, although there could have been, considering the size of the hail stones.

FOND DU LAC COUNTY --- RIPON [43.83, -88.83]

06/12/08 15:25 CST	0	Hail (0.75 in)
06/12/08 15:25 CST	0	Source: Public

FOND DU LAC COUNTY --- RIPON [43.83, -88.83]

06/12/08 15:25 CST	0	Thunderstorm Wind (EG 56 kt)
06/12/08 15:25 CST	0	Source: Law Enforcement

Powerful thunderstorms winds knocked down a few large trees.

FOND DU LAC COUNTY --- RIPON [43.83, -88.83], NORTH FOND DU LAC [43.82, -88.48], ALTO [43.68, -88.78], FAIRWATER [43.75, -88.85]

06/12/08 15:30 CST	1.35K	Flash Flood (due to Heavy Rain)
06/12/08 19:00 CST	17M	Source: Public

Heavy rains resulted in flash flooding across much of western Fond du Lac County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Manhole covers popped in Ripon. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 1000 minimally affected, 500 with minor damage, 25 with major damage, and 5 destroyed (total of \$1 million for home losses). The breakdown for business losses were: 15 with minor damage (total of \$50 thousand). Crop losses were estimated at 17 million. Public sector damage was about \$1.3 million. There were several roads and bridges that sustained damage.

WALWORTH COUNTY --- 2.0 NW LAKE GENEVA [42.62, -88.46]

06/12/08 15:30 CST	0	Hail (1.00 in)
06/12/08 15:30 CST	0	Source: Public

Hail fell at Lake Como.

COLUMBIA COUNTY --- 1.4 WNW CAMBRIA [43.56, -89.12], 2.9 ESE FRIESLAND [43.56, -89.02]

06/12/08 15:34 CST	0	Tornado (EF0, L: 5.34 mi , W: 50 yd)
06/12/08 15:43 CST	0	Source: Amateur Radio

This tornado affected only agricultural land and resulted in crop and tree damage as it moved east. This tornado spun up on a creek just northeast of the intersection of Vaughn Road and Engleheart Road, and dissipated about 1/4 mile east of the intersection of STH 33 and Dillman Road. The starting and ending locations, with respect to pairs of lat/long numbers, were 43.56074/-89.12348 and 43.56435/-89.01686. Average path width was about 30 yards. DI#28 (TS), DOD2. Wind speed estimated at about 65 knots (75 mph).

GREEN LAKE COUNTY --- 0.7 SSW MANCHESTER [43.67, -89.04], 0.7 S MANCHESTER [43.67, -89.03]

06/12/08 15:42 CST	0	Tornado (EF0, L: 0.24 mi , W: 20 yd)
06/12/08 15:43 CST	0	Source: Emergency Manager

This weak, brief tornado lasted less than a minute and resulted in only minor tree damage. It spun up near a creek bounded by CTH S (Friesland Rd.), CTH X, and STH 73, or about 3/4 mile south of the village of Manchester. The starting and ending locations, with respect to lat/long pairs of numbers, were 43.67052/-89.03653 and 43.67038/-89.03166. Average path width was about 10 yards. DI#28 (TS), DOD2. Wind speeds estimated at about 65 knots (75 mph).

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DANE COUNTY --- BELLEVILLE [42.85, -89.53], PAOLI [42.92, -89.52], OREGON [42.93, -89.38], 5.0 E BELLEVILLE [42.85, -89.43]				
	06/12/08 16:00 CST		0	Flash Flood (due to Heavy Rain)
	06/12/08 19:30 CST		10K	Source: Public
<p>Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 4th of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County. On June 12th, 2.57 inches of rain fell at Madison Truax Field, breaking the old record rainfall for the date which was 1.20 inches (June 8, 1877).</p>				
LAFAYETTE COUNTY --- ARGYLE [42.70, -89.87]				
	06/12/08 16:00 CST		0	Hail (0.88 in)
	06/12/08 16:00 CST		0	Source: COOP Observer
GREEN COUNTY --- 3.8 N JORDAN [42.70, -89.79], 5.1 N JORDAN [42.72, -89.77]				
	06/12/08 16:01 CST		0	Tornado (EF1, L: 1.61 mi , W: 50 yd)
	06/12/08 16:03 CST		0	Source: Emergency Manager
<p>This weak tornado resulted in only tree damage - of the uprooted and broken branch type. It spun up just southwest of the intersection of CTH C and CTH M, moved northeast and crossed CTH C and then Puddle Dock Road and then dissipated about 1/2 mile northeast of Puddle Dock Road. The starting and ending locations, with respect to lat/long pairs of numbers, were 42.70442/-89.79324 and 42.72338/-89.77464. DI#27 (TH), DOD3. Average path width was about 30 yards.</p>				
GREEN COUNTY --- 2.8 E POSTVILLE [42.80, -89.69], 1.5 WNW BELLEVILLE [42.86, -89.56]				
	06/12/08 16:15 CST		0	Tornado (EF1, L: 7.84 mi , W: 100 yd)
	06/12/08 16:27 CST		0	Source: Law Enforcement
<p>This weak tornado spun up in the rural area roughly mid-way between New Glarus and Postville, just northeast of Zentner Road about 0.8 miles north-northwest of the intersection of CTH H and Zentner Road. It moved northeast, clipping the northwest part of the city of New Glarus, and exited Green County going through the western edge of the city of Belleville. Luckily only uprooted trees or snapped-off tree damage was noted. This tornado finally dissipated about 2 miles south-southeast of the village of Paoli in south-central Dane County near CTH A. The path length was about 7.84 miles in Green County and 4.41 miles in Dane County, for a total path length of about 12.25 miles. The starting and ending locations in Green County, with respect to lat/long pairs of numbers, were 42.80215/-89.69455 and 42.85690/-89.55898. DI#27 (TH), DOD3. Wind speeds estimated at 83-87 knots (95-100 mph). Average path width in Green County was about 75 yards.</p>				
GREEN COUNTY --- MONTICELLO [42.73, -89.58]				
	06/12/08 16:25 CST		0	Funnel Cloud
	06/12/08 16:25 CST		0	Source: Law Enforcement
DANE COUNTY --- 1.5 WNW BELLEVILLE [42.86, -89.56], 1.7 SE BASCO [42.90, -89.50]				
	06/12/08 16:27 CST		0	Tornado (EF1, L: 4.41 mi , W: 100 yd)
	06/12/08 16:35 CST		0	Source: Law Enforcement
<p>This tornado in south-central Dane County was a continuation of a tornado that spun up mid-way between the city of New Glarus and the village of Postville in northwest Green County. It entered Dane County on the west side of the city of Belleville and then moved northeast through the Lake Belle View area and crossed STH 69 about 1 mile north of the county line, and ultimately dissipated southeast of Basco, near CTH A. Luckily only tree damage occurred - of the uprooted tree or broken tree branch variety. The starting and ending locations in Dane County, with respect to lat/long pairs of numbers, were 42.85690/-89.55898 and 42.90230/-89.49764. DI#27 (TH), DOD3. Wind speed estimated at 83-87 knots (95-100 mph). The average path width in Dane County was about 60 yards.</p>				
FOND DU LAC COUNTY --- 2.0 W FOND DU LAC [43.78, -88.49]				
	06/12/08 16:30 CST		0	Funnel Cloud
	06/12/08 16:30 CST		0	Source: Law Enforcement
GREEN COUNTY --- 1.3 WNW ATTICA [42.77, -89.51], 0.8 N ATTICA [42.78, -89.48]				
	06/12/08 16:30 CST		0	Tornado (EF0, L: 1.28 mi , W: 50 yd)
	06/12/08 16:32 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>This weak tornado resulted in only minor tree damage (large branches broken). It spun up near a ridge top just south of Nye Road about 3/4 mile east of CTH D, and moved east-northeast and dissipated about 1/3 mile northeast of the intersection of CTH X and Nye Road near the Sugar River. The starting and ending locations, with respect to lat/long pairs of numbers, were 42.77474/-89.50520 and 42.78138/-89.48163. DI#28 (TS), DOD2. Wind speed estimated at 65 knots (75 mph). Average path width was about 30 yards.</p>				
ROCK COUNTY --- ORFORDVILLE [42.63, -89.25], EDGERTON [42.83, -89.07], MILTON [42.77, -88.95], DOWNTOWN JANESVILLE [42.68, -89.02]				
	06/12/08 16:45 CST		0.46M	Flash Flood (due to Heavy Rain)
	06/12/08 19:30 CST		0.30M	Source: Emergency Manager
<p>Heavy rains resulted in flash flooding across much of the northwest half of the county. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Two hundred thirty-nine homes had minor damage, 9 homes had major damage, and 26 were destroyed (total of \$7.46 million for all home property losses). Fifty-four businesses had minor damage, and 24 had major damage (total business losses were about \$810 thousand. Crops losses were estimated at \$15 million). Public sector damage was about \$10.3 million. There were several roads and bridges that sustained damage.</p>				
DANE COUNTY --- 1.0 N OREGON [42.94, -89.38]				
	06/12/08 16:50 CST		0	Funnel Cloud
	06/12/08 16:50 CST		0	Source: Public
ROCK COUNTY --- 2.0 W EVANSVILLE [42.78, -89.34]				
	06/12/08 17:00 CST		0	Funnel Cloud
	06/12/08 17:00 CST		0	Source: Law Enforcement
DODGE COUNTY --- 1.0 N IRON RIDGE [43.41, -88.53]				
	06/12/08 17:05 CST		0	Funnel Cloud
	06/12/08 17:05 CST		0	Source: Law Enforcement
SHEBOYGAN COUNTY --- WALDO [43.67, -87.95], SHEBOYGAN [43.75, -87.72], KOHLER ANDRAE STATE PARK [43.67, -87.71], OOSTBURG [43.62, -87.80]				
	06/12/08 17:15 CST		0.40M	Flash Flood (due to Heavy Rain)
	06/12/08 20:30 CST		0.30M	Source: Trained Spotter
<p>Heavy rains resulted in flash flooding across parts of eastern Sheboygan County. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. Erosion damage was noted at Kohler Andrae State Park. Some farm fields remained flooded into early July. The breakdown for residential home losses were: 30 minimally affected, and 30 with minor damage (total of \$148.5 thousand for home losses). There were no business losses. Crop losses were estimated at \$300 thousand. Public sector damage was about \$253.9 thousand. A couple roads and bridges sustained minor damage.</p>				
DANE COUNTY --- 3.1 SSW UTICA [42.93, -89.14], 1.2 SSE UTICA [42.95, -89.11]				
	06/12/08 17:19 CST		0	Tornado (EF0, L: 2.56 mi , W: 50 yd)
	06/12/08 17:21 CST		0	Source: Trained Spotter
<p>This weak tornado spun up in a rural area south-southwest of Utica near Tower Drive, and moved northeast and crossed Washington Road about 1/2 mile north of Kaas Road, and dissipated near an old quarry near the intersection of Washington Road and East Church Road. It resulted in only minor tree damage - of the broken tree branch variety. The starting and ending locations, with respect to lat/long pairs of numbers, were 42.92758/-89.14221 and 43.95491/-89.10805. DI#28 (TS), DOD2. Wind speed estimated at about 75 mph.</p>				
DODGE COUNTY --- 2.4 SSE MAYVILLE [43.47, -88.53], 2.4 SSE MAYVILLE [43.47, -88.52]				
	06/12/08 17:25 CST		0	Tornado (EF0, L: 0.09 mi , W: 20 yd)
	06/12/08 17:26 CST		0	Source: Fire Department/Rescue
<p>This weak tornado lasted less than a minute and resulted in only broken tree limbs. It spun up southwest of the intersection of Polk Road and Madison Rd. The starting and ending locations, with respect to lat/long pairs of numbers, were 43.46927/-88.52612 and 43.47016/-88.52494. DI#28 (TS), DOD2. Wind speed estimated at about 75 mph. Average path width about was about 10 yards.</p>				
OZAUKEE COUNTY --- 3.0 W MEQUON [43.22, -88.04], 5.0 W BELGIUM [43.50, -87.95], PORT WASHINGTON [43.38, -87.87], 3.0 E MEQUON [43.22, -87.92]				
	06/12/08 17:30 CST		0.46M	Flash Flood (due to Heavy Rain)
	06/12/08 20:30 CST		0.30M	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Heavy rains resulted in flash flooding from the Mequon area northeast to the Belgium to Port Washington area. Water depths on road surfaces reached 3 feet or more and there were gravel washouts. One hundred twenty-seven homes had minor damage, and 191 homes had major damage (total of \$3.765 million for all home property losses). Business losses were about \$810 thousand. Crops losses were estimated at \$500 thousand. Public sector damage was about \$1.1 million. There were several roads and bridges that sustained damage.</p>				
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SHEBOYGAN COUNTY --- 3.0 W ADELL [43.62, -88.01]				
	06/12/08 17:44 CST		0	Funnel Cloud
	06/12/08 17:44 CST		0	Source: Fire Department/Rescue
<hr/>				
DANE COUNTY --- 1.0 N UTICA [42.98, -89.12]				
	06/12/08 17:56 CST		0	Funnel Cloud
	06/12/08 17:56 CST		0	Source: Amateur Radio
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DANE COUNTY --- 6.0 NE STOUGHTON [42.98, -89.14]				
	06/12/08 17:59 CST		0	Funnel Cloud
	06/12/08 17:59 CST		0	Source: Amateur Radio
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DANE COUNTY --- 4.0 NE MC FARLAND [43.06, -89.22], 3.0 ENE MC FARLAND [43.04, -89.23], MC FARLAND [43.02, -89.28], 3.0 N MC FARLAND [43.06, -89.28]				
	06/12/08 18:00 CST		0	Flash Flood (due to Heavy Rain)
	06/12/08 19:30 CST		10K	Source: Public
<p>Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the 5th of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in the last June 12th flash flood StormData entry for Dane County.</p>				
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JEFFERSON COUNTY --- 1.0 N LAKE MILLS [43.09, -88.90]				
	06/12/08 18:06 CST		0	Funnel Cloud
	06/12/08 18:06 CST		0	Source: Trained Spotter
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DANE COUNTY --- 2.0 NE UTICA [42.99, -89.09]				
	06/12/08 18:08 CST		0	Funnel Cloud
	06/12/08 18:08 CST		0	Source: Trained Spotter
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JEFFERSON COUNTY --- 2.0 SW CONCORD [43.05, -88.63]				
	06/12/08 18:09 CST		0	Funnel Cloud
	06/12/08 18:09 CST		0	Source: Law Enforcement
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DANE COUNTY --- UTICA [42.97, -89.12]				
	06/12/08 18:12 CST		0	Thunderstorm Wind (EG 50 kt)
	06/12/08 18:12 CST		0	Source: Trained Spotter
<p>Powerful thunderstorms winds knocked large branches out of several trees.</p>				
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DANE COUNTY --- CAMP RANDALL STADIUM [43.07, -89.41], MADISON TRUAX AIRPORT [43.14, -89.33], MONONA [43.07, -89.32], FITCHBURG [42.95, -89.47]				
	06/12/08 19:00 CST		13.54M	Flash Flood (due to Heavy Rain)
	06/12/08 22:00 CST		64.60M	Source: Trained Spotter
<p>Heavy rains resulted in flash flooding as water reached depths of 3 feet or more and several cars stalled. This was the last of 6 flash floods in Dane County on 3 different days. The first one occurred on June 7th, the next two on June 8th, and the last three on June 12th. In all six cases, damage to homes, businesses, and crops was noted. It was nearly impossible to break down the damages by flash flood event. Therefore, the collective breakdown is provided in this last June 12th flash flood StormData entry for Dane County.</p>				
<p>Some farm fields remained flooded into early July. The breakdown for residential home losses were: 2020 minimally affected, 248 with minor damage, 109 with major damage, and 3 destroyed (total of \$6.797 million). The breakdown for business losses were: 152 with minor damage, and 3 with major damage (total of \$677 thousand). Crop losses were estimated at \$64.6 million. Public sector damage was about \$6.067 million. Several roads and bridges sustained damage.</p>				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FOND DU LAC COUNTY --- ELDORADO [43.82, -88.63], TAYCHEEDAH [43.80, -88.40], EDEN [43.70, -88.37], 5.0 SW FOND DU LAC AIRPORT [43.72, -88.56]				
	06/12/08 20:00 CST		25K	Flash Flood (due to Heavy Rain)
	06/12/08 23:30 CST		0	Source: Trained Spotter
Heavy rains led to widespread flash flooding around the city of Fond du Lac. The river flowing through downtown rose out of its banks up to the bridges and most roads were under 2 to 4 feet of water. Several vehicles stalled in the deep water and sustained water damage.				
WAUKESHA COUNTY --- WALES [43.00, -88.37], NASHOTAH [43.10, -88.40], DOWNTOWN WAUKESHA [43.02, -88.22], MUSKEGO [42.90, -88.13]				
	06/12/08 20:20 CST	1	25K	Flash Flood (due to Heavy Rain)
	06/13/08 00:30 CST		0	Source: Trained Spotter
Heavy rains led to flash flooding that generated water levels of 2 to 4 feet deep on many low-lying roads, especially near existing lakes. Several vehicles stalled in the deep water and were damaged. A 68-year-old man left a tavern around 2245 CST and drove into a flooded area. He attempted to walk/swim away from his vehicle and drowned.				
Direct Fatalities: M68OU				
A series of clusters of strong to severe storms ahead of a cold front moved east/northeast across south-central and southeast Wisconsin. Copious amounts of moisture were available that allowed repeated heavy rains. Additionally, there was sufficient vertical wind shear to allow for the generation of supercell thunderstorms with rotating updrafts that led to seven tornadoes in this part of the state of Wisconsin. The flooding rains constituted the 2nd round/punch of heavy rains that led to more widespread and severe flash flooding and record-setting river flooding (1st punch was Jun 7-9, 2008).				
The axis of heavy rains on June 12th extended from Lafayette County northeast through Dane County to eastern Green Lake County and western Fond du Lac County. Generally 4 to 6 inches fell in this area, with 1 to 4 inches elsewhere. The generous rains in June at Milwaukee led to a montly total of 12.27 inches. This easily broke the record for highest June rainfall total. The previous record was 10.13 inches, set in 1917, and also makes June, 2008, the wettest month ever at Milwaukee.				
The Rock River crested at all-time record high levels at the following gauage sites: Waupun (10.07' on 6/13), Horicon (10.29' on 6/17), Watertown (7.81' on 6/13), Jefferson (15.64' on 6/18), Ft. Atkinson (10.85' on 6/21), Newville (15.12' on 6/21), Indianford (18.33' on 6/21), and Afton (13.51' on 6/21). Likewise, the Crawfish River set a new all-time high crest of 13.59' on 6/16 at Milford, and Beaver Dam Creek set a new record of 843.53' on 6/16 at Beaver Dam. Other, new, all-time record high crests include 4.47' on 6/9 on the Bark River at Rome, 4.95' on 6/13 on the Mukwonago River at Mukwonago, 11.41' on 6/8 on Oak Creek in South Milwaukee, 13.93' on 6/13 on the Milwaukee River near Cedarburg, 13.54' on 6/15 on the Fox River at Burlington, and 15.18' on 6/15 on the Fox River at New Munster.				
High water levels generaged major road blocks, for various periods, on Interstate 94 in Jefferson and Waukesha Counties, on Interstate 894 in Milwaukee, and on Interstate 39/90/94 in Columbia County near Portage. Most inland lakes rose to high levels that resulted in minor shoreline damage to piers, etc.				
ROCK COUNTY --- 2.0 NE ORFORDVILLE [42.65, -89.22], 5.0 NW BELOIT [42.57, -89.10]				
	06/20/08 14:15 CST		0	Thunderstorm Wind (EG 56 kt)
	06/20/08 14:30 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked down large trees. Several reports were received from this area from law enforcement officials and other trained spotters.				
ROCK COUNTY --- 2.0 ESE ORFORDVILLE [42.62, -89.21]				
	06/20/08 14:20 CST		0	Hail (0.88 in)
	06/20/08 14:20 CST		0	Source: Trained Spotter
KENOSHA COUNTY --- 2.0 SE CAMP LAKE [42.50, -88.10]				
	06/20/08 15:50 CST		0	Hail (0.88 in)
	06/20/08 15:50 CST		0	Source: Trained Spotter
A weak upper-level disturbance along with moderately unstable atmosphere and steep low level lapse rates resulted in scattered severe thunderstorms.				
SAUK COUNTY --- 5.0 W PLAIN [43.28, -90.15]				
	06/28/08 12:40 CST		0	Hail (1.00 in)
	06/28/08 12:40 CST		0	Source: Trained Spotter
GREEN COUNTY --- BROWNTOWN [42.58, -89.82], MONROE [42.60, -89.63]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/28/08 12:45 CST		0	Hail (1.00 in)
	06/28/08 12:55 CST		0	Source: Trained Spotter
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GREEN COUNTY --- 1.0 S MONROE [42.59, -89.63]				
	06/28/08 12:55 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 12:55 CST		0	Source: Law Enforcement
Trees down.				
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GREEN COUNTY --- BRODHEAD [42.62, -89.37]				
	06/28/08 13:05 CST		0	Hail (0.75 in)
	06/28/08 13:05 CST		0	Source: Public
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ROCK COUNTY --- 2.0 NW ORFORDVILLE [42.65, -89.28]				
	06/28/08 13:07 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 13:07 CST		0	Source: Trained Spotter
Powerful thunderstorms winds knocked down several large tree branches while pea-size hail fell.				
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COLUMBIA COUNTY --- 1.0 W PORTAGE [43.55, -89.47]				
	06/28/08 13:23 CST		0	Hail (1.75 in)
	06/28/08 13:23 CST		0	Source: Law Enforcement
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DODGE COUNTY --- FOX LAKE [43.57, -88.90], 3.0 SW WAUPUN [43.60, -88.77]				
	06/28/08 13:30 CST		0	Hail (1.75 in)
	06/28/08 13:45 CST		0	Source: Law Enforcement
Hail ranging from 1 inch in diameter in Fox Lake to 1.75 inches southwest of Waupun. The ground was completely covered with hail in the Fox Lake area. No damage was reported, although damage was possible.				
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ROCK COUNTY --- BELOIT [42.52, -89.03]				
	06/28/08 13:45 CST		0	Hail (0.88 in)
	06/28/08 13:45 CST		0	Source: Law Enforcement
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COLUMBIA COUNTY --- 5.0 SW COLUMBUS [43.28, -89.09], COLUMBUS [43.33, -89.02]				
	06/28/08 13:50 CST		0	Thunderstorm Wind (MG 73 kt)
	06/28/08 13:55 CST		0	Source: Mesonet
Powerful thunderstorms winds knocked down large trees southwest of Columbus. A school mesonet site (Madison TV-15) 1 mile south-southwest of Columbus had a measured gust of 84.3 mph (73 knots).				
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ROCK COUNTY --- CLINTON [42.57, -88.87]				
	06/28/08 13:52 CST		0	Thunderstorm Wind (EG 56 kt)
	06/28/08 13:52 CST		0	Source: Trained Spotter
Powerful thunderstorms winds knocked down large trees in the Clinton area.				
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JEFFERSON COUNTY --- HUBBLETON [43.20, -88.88]				
	06/28/08 13:55 CST		40K	Thunderstorm Wind (EG 74 kt)
	06/28/08 13:55 CST		0	Source: Law Enforcement
Powerful thunderstorms winds rolled through the Ixonia area. Damage consisted of shingles ripped off of roofs, 6 imploded windows in a home, a gas tank blown over, numerous uprooted or snapped large trees, and downed power-lines. Based on measured wind gusts with similar storms that affected the Juneau area in Dodge County, the Ixonia winds were estimated at about 74 knots (85 mph).				
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WAUKESHA COUNTY --- 2.0 N DOUSMAN [43.05, -88.47]				
	06/28/08 13:57 CST		0	Hail (0.75 in)
	06/28/08 13:57 CST		0	Source: Law Enforcement
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WAUKESHA COUNTY --- OCONOMOWOC [43.12, -88.48]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/28/08 13:57 CST		0	Thunderstorm Wind (EG 61 kt)
	06/28/08 13:57 CST		0	Source: Public
Powerful thunderstorms winds knocked down a few large trees.				
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FOND DU LAC COUNTY --- 4.0 E OAKFIELD [43.68, -88.47]				
	06/28/08 14:02 CST		0	Hail (1.00 in)
	06/28/08 14:02 CST		0	Source: Trained Spotter
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WAUKESHA COUNTY --- 2.0 N DOWNTOWN WAUKESHA [43.05, -88.22]				
	06/28/08 14:05 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 14:05 CST		0	Source: Unknown
Trees damaged.				
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DODGE COUNTY --- 3.0 SSW JUNEAU [43.36, -88.72], THERESA [43.52, -88.45]				
	06/28/08 14:07 CST		75K	Thunderstorm Wind (MG 71 kt)
	06/28/08 14:25 CST		0	Source: Public
Powerful thunderstorms winds knocked down large trees, and blew a barn down south-southwest of Juneau. A maximum wind gust of 71 knots (82 mph) was measured at the Dodge County Airport (KUNU) just north of Juneau.				
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KENOSHA COUNTY --- 5.0 NNE PADDOCK LAKE [42.65, -88.08]				
	06/28/08 14:10 CST		0	Thunderstorm Wind (EG 50 kt)
	06/28/08 14:10 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked down a few large trees.				
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RACINE COUNTY --- 5.0 WNW DOWNTOWN RACINE [42.75, -87.89], DOWNTOWN RACINE [42.72, -87.80]				
	06/28/08 14:20 CST		25K	Thunderstorm Wind (EG 56 kt)
	06/28/08 14:25 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked down large trees and power-lines.				
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WASHINGTON COUNTY --- 1.0 W JACKSON [43.32, -88.19]				
	06/28/08 14:20 CST		0	Thunderstorm Wind (MG 50 kt)
	06/28/08 14:20 CST		0	Source: Amateur Radio
Powerful thunderstorms winds knocked down a few large trees.				
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KENOSHA COUNTY --- DOWNTOWN KENOSHA [42.58, -87.83]				
	06/28/08 14:22 CST		50K	Thunderstorm Wind (EG 56 kt)
	06/28/08 14:30 CST		0	Source: Law Enforcement
Powerful thunderstorms winds knocked down large trees and power-lines throughout the city of Kenosha.				
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OZAUKEE COUNTY --- CEDARBURG [43.28, -87.98]				
	06/28/08 14:23 CST		0.50K	Thunderstorm Wind (MG 57 kt)
	06/28/08 14:25 CST	2	0	Source: Law Enforcement
Powerful thunderstorms winds knocked down a few large trees, andn blew down some tents at the annual Strawberry Festival. Two people at the festival were injured by broken tree branches and received medical treatment for minor injuries.				
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DODGE COUNTY --- 1.0 NW LOMIRA [43.59, -88.44]				
	06/28/08 14:34 CST		0	Hail (0.75 in)
	06/28/08 14:34 CST		0	Source: Trained Spotter
The ground was covered white with hail, and wind gusts to about 43 knots (50 mph) were noted by the trained spotter.				
<p>A vigorous, cold, upper-level low pressure was over northwest Wisconsin while a short-wave trough rotated around it through southern Wisconsin. Steep lapse rates and moderate instability led to small clusters of storms, some pulsing to severe limits, moved northeast through southern Wisconsin. Most locations experienced thunderstorm wind gusts to 39 to 43 knots (45 to 50 mph), but several experienced wind gusts of 50 knots (58 mph) or higher.</p>				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DANE COUNTY --- 1.0 W MT HOREB [43.00, -89.75]				
	06/14/08 14:46 CST		0	Thunderstorm Wind (MG 50 kt)
	06/14/08 14:46 CST		0	Source: Trained Spotter
Powerful thunderstorm wind gusts broke large branches out of trees.				
DANE COUNTY --- MC FARLAND [43.02, -89.28]				
	06/14/08 14:57 CST		0	Hail (1.00 in)
	06/14/08 14:57 CST		0	Source: Law Enforcement
JEFFERSON COUNTY --- 2.0 W LAKE MILLS [43.08, -88.94], LAKE MILLS [43.08, -88.90]				
	06/14/08 15:20 CST		0	Hail (1.00 in)
	06/14/08 15:21 CST		0	Source: Trained Spotter
DANE COUNTY --- SUN PRAIRIE [43.18, -89.20]				
	06/14/08 15:42 CST		0	Hail (0.88 in)
	06/14/08 15:42 CST		0	Source: Law Enforcement
JEFFERSON COUNTY --- WATERTOWN [43.20, -88.72]				
	06/14/08 15:54 CST		0	Hail (0.75 in)
	06/14/08 15:54 CST		0	Source: Trained Spotter
MILWAUKEE COUNTY --- WAUWATOSA [43.05, -87.95]				
	06/14/08 16:40 CST		20K	Lightning
	06/14/08 16:40 CST		0	Source: Newspaper
Lightning struck a home and started a fire that damage the roof.				
An upper-level impulse along with steep lapse rates produced scattered severe thunderstorms during the afternoon and evening. Large hail and downburst, straight-line winds, affectes parts of south-central and southeast Wisconsin.				
ROCK COUNTY --- EVANSVILLE [42.78, -89.30], CLINTON [42.57, -88.87]				
	06/05/08 05:00 CST		75K	Thunderstorm Wind (EG 65 kt)
	06/05/08 05:25 CST		0	Source: Law Enforcement
Powerful thunderstorm winds knocked down large trees and power-lines.				
DANE COUNTY --- 6.0 ESE STOUGHTON [42.89, -89.11]				
	06/05/08 05:01 CST		0	Hail (0.75 in)
	06/05/08 05:01 CST		0	Source: Trained Spotter
ROCK COUNTY --- MILTON [42.77, -88.95]				
	06/05/08 05:10 CST		0	Hail (1.00 in)
	06/05/08 05:10 CST		0	Source: NWS Employee
Ground covered white.				
JEFFERSON COUNTY --- 2.0 S FT ATKINSON [42.90, -88.85]				
	06/05/08 05:20 CST		0	Hail (0.88 in)
	06/05/08 05:20 CST		0	Source: Emergency Manager
WALWORTH COUNTY --- 6.0 NW DELAVAN [42.69, -88.71], DELAVAN [42.63, -88.63]				
	06/05/08 05:33 CST		0	Thunderstorm Wind (MG 52 kt)
	06/05/08 05:36 CST		0	Source: Trained Spotter
Powerful thunderstorm winds knocked down a few large trees.				
KENOSHA COUNTY --- BRISTOL [42.55, -88.05], 3.0 SSE BRISTOL [42.51, -88.03]				

Storm Data and Unusual Weather Phenomena - June 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/05/08 07:50 CST		20K	Thunderstorm Wind (EG 56 kt)
	06/05/08 07:57 CST		0	Source: Law Enforcement

Powerful thunderstorm wind gusts knocked down large trees and power-lines.

An amplifying strong short-wave trough over western U.S. resulted in strong low level jet that night which carried a warm and very moist air mass into southern Wisconsin. The resultant storms constituted the 1st day of 4 straight days with severe storms over southern Wisconsin.