

## Storm Data and Unusual Weather Phenomena - June 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE MICHIGAN</b>				
<b>GREEN BAY SOUTH FROM OCONTO WI TO LITTLE STURGEON BAY WI COUNTY --- 4.0 WNW GREEN BAY ENTRANCE LIGHT [44.69, -87.97]</b>				
	06/14/17 15:15 CST		0	Marine Thunderstorm Wind (EG 50 kt)
	06/14/17 15:15 CST		0	Source: Public
Thunderstorms produced an estimated 50 knot wind gust as they move onto the waters of Green Bay.				
<b>TWO RIVERS TO SHEBOYGAN WI COUNTY --- 1.6 ENE MANITOWOC [44.09, -87.64]</b>				
	06/14/17 15:20 CST		0	Marine Thunderstorm Wind (EG 45 kt)
	06/14/17 15:20 CST		0	Source: Law Enforcement
Thunderstorms produced an estimated 45 knot wind gust as they moved onto the nearshore waters of Lake Michigan.				
Thunderstorms that produced severe weather as they moved across central and east central Wisconsin continued to produce high winds as they moved onto the waters of Green Bay and the nearshore waters of Lake Michigan.				
<b>WISCONSIN, Northeast</b>				
<b>SHAWANO COUNTY --- 2.0 NE GRESHAM [44.87, -88.75]</b>				
	06/14/17 12:47 CST		0	Tornado (EF0, L: 0.10 mi , W: 25 yd)
	06/14/17 12:47 CST		0	Source: Public
A weak tornado briefly touched down in an open field near the Shawano/Menominee County line. The tornado was photographed.				
<b>WAUSHARA COUNTY --- 0.7 S RICHFORD [44.01, -89.43]</b>				
	06/14/17 13:30 CST		30K	Thunderstorm Wind (EG 56 kt)
	06/14/17 13:30 CST		0	Source: Emergency Manager
Thunderstorm winds downed a barn in Richford. The time of this event is an estimate based on radar data.				
<b>WAUSHARA COUNTY --- 0.7 S WAUTOMA ARPT [44.04, -89.30]</b>				
	06/14/17 13:38 CST		0	Thunderstorm Wind (MG 51 kt)
	06/14/17 13:38 CST		0	Source: AWOS
Thunderstorms produced a wind gust to 59 mph at Wautoma Municipal Airport.				
<b>WAUSHARA COUNTY --- 0.9 SE MT MORRIS [44.11, -89.19]</b>				
	06/14/17 13:40 CST		0	Thunderstorm Wind (EG 56 kt)
	06/14/17 13:40 CST		0	Source: Law Enforcement
Thunderstorm winds downed trees in central Waushara County.				
<b>WAUSHARA COUNTY --- 2.4 ENE WILD ROSE [44.20, -89.21], 3.2 NW SAXEVILLE [44.22, -89.16]</b>				
	06/14/17 13:49 CST		0.10M	Tornado (EF1, L: 2.78 mi , W: 100 yd)
	06/14/17 13:52 CST		0	Source: NWS Storm Survey
A tornado formed east of Wild Rose and quickly moved northeast , uprooting or snapping over 100 pine trees (DI 28, DOD 2-4) along its intermittent path. Several houses sustained significant roof damage from fallen trees.				
<b>WAUSHARA COUNTY --- WILD ROSE [44.18, -89.25]</b>				
	06/14/17 13:50 CST		0	Thunderstorm Wind (MG 56 kt)
	06/14/17 13:50 CST		0	Source: Trained Spotter
A thunderstorm produced a wind gust to 65 mph in Wild Rose.				
<b>WAUPACA COUNTY --- 1.5 NW KING [44.35, -89.15]</b>				
	06/14/17 14:00 CST		0	Thunderstorm Wind (EG 61 kt)
	06/14/17 14:00 CST		0	Source: Trained Spotter

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Thunderstorm winds uprooted or heavily damaged 10 trees on Onaway Island on the Chain O' Lakes.				
<b>WAUPACA COUNTY --- 0.9 SE WAUPACA [44.34, -89.06]</b>				
	06/14/17 14:05 CST		0	Thunderstorm Wind (EG 61 kt)
	06/14/17 14:05 CST		0	Source: Law Enforcement
Thunderstorm wind gusts, estimated as high as 70 mph, downed trees in Waupaca.				
<b>WINNEBAGO COUNTY --- 0.5 E EUREKA [44.00, -88.84]</b>				
	06/14/17 14:05 CST		0	Thunderstorm Wind (EG 52 kt)
	06/14/17 14:05 CST		0	Source: Law Enforcement
Thunderstorm winds downed a few trees in Eureka.				
<b>WAUPACA COUNTY --- 0.7 S SCANDINAVIA [44.46, -89.13]</b>				
	06/14/17 14:09 CST		0	Thunderstorm Wind (MG 52 kt)
	06/14/17 14:09 CST		0	Source: Trained Spotter
A thunderstorm wind gust to 60 mph was measured in Scandinavia.				
<b>WAUPACA COUNTY --- 0.5 E IOLA [44.50, -89.11]</b>				
	06/14/17 14:10 CST		0.15M	Thunderstorm Wind (EG 61 kt)
	06/14/17 14:10 CST		0	Source: Trained Spotter
Thunderstorm winds downed numerous trees in Iola, including some large trees that were knocked onto houses and power lines.				
<b>WINNEBAGO COUNTY --- 2.1 WSW (OSH)WITTMAN FLD OSH [43.97, -88.59]</b>				
	06/14/17 14:13 CST		0	Thunderstorm Wind (EG 52 kt)
	06/14/17 14:13 CST		0	Source: Law Enforcement
Thunderstorm winds downed a few trees around Oshkosh.				
<b>WINNEBAGO COUNTY --- 4.2 ENE ALLENVILLE [44.15, -88.54]</b>				
	06/14/17 14:17 CST		5K	Thunderstorm Wind (EG 52 kt)
	06/14/17 14:17 CST		0	Source: Public
Thunderstorm winds blew in the south facing windows of a building along the Fox River in Oshkosh.				
<b>WAUPACA COUNTY --- 6.7 NNE NORTHPORT [44.49, -88.75]</b>				
	06/14/17 14:25 CST		30K	Thunderstorm Wind (EG 61 kt)
	06/14/17 14:25 CST		0	Source: Public
Thunderstorm winds heavily damaged a barn and tore the roof from an outbuilding near Sugar Bush.				
<b>WINNEBAGO COUNTY --- MENASHA [44.20, -88.45]</b>				
	06/14/17 14:25 CST		0	Thunderstorm Wind (EG 56 kt)
	06/14/17 14:25 CST		0	Source: Trained Spotter
Thunderstorm winds uprooted many trees in Menasha.				
<b>WINNEBAGO COUNTY --- 2.6 SSW APPLETON [44.24, -88.42], 1.8 S APPLETON [44.24, -88.41]</b>				
	06/14/17 14:28 CST		5K	Tornado (EF0, L: 1.05 mi , W: 50 yd)
	06/14/17 14:29 CST		0	Source: NWS Storm Survey
A tornado developed at 3:28 PM CDT in far northeast Winnebago County near the village of Fox Crossing then moved into Outagamie County , about 1.8 miles south of Appleton, at 3:29 PM CDT. The tornado continued into Outagamie County for another 7 miles before dissipating at 3:37 PM CDT. The tornado damaged nearly two dozen trees and uprooted several others (DI 27 and 28, DOD 1-3) in Winnebago County. One house sustained roof damage by a fallen tree.				
<b>OUTAGAMIE COUNTY --- 1.6 NW DARBOY [44.24, -88.41], 1.7 NNW LITTLE CHUTE [44.30, -88.29]</b>				

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	06/14/17 14:29 CST		0.25M	Tornado (EF1, L: 6.97 mi , W: 125 yd)
	06/14/17 14:37 CST		0	Source: NWS Storm Survey

This tornado moved out of far northeast Winnebago County (1.8 miles south of Appleton) and entered Outagamie County at 3:29 PM CDT. The tornado uprooted or snapped several dozen trees (DI 27 and 28, DOD 1-3), some of which fell on houses along its path across the southeast side of the city of Appleton. Two large industrial buildings suffered damage on Appleton's east side. One building's large HVAC system was blown off its roof and another large building had several overhead doors blown in and lost portions of its roof and a wall (DI 23, DOD 3 and 4). A self-service car wash lost its roof in Kimberly. An industrial park in Little Chute was also affected. A building had an HVAC unit damaged and a couple trees were knocked down. The tornado dissipated after crossing I-41 north of Kaukauna.

### OUTAGAMIE COUNTY --- 0.7 S APPLETON [44.26, -88.40]

06/14/17 14:30 CST	0	Thunderstorm Wind (EG 56 kt)
06/14/17 14:35 CST	0	Source: Trained Spotter

Thunderstorm winds downed large trees on the south and east sides of Appleton.

### OUTAGAMIE COUNTY --- 2.9 SSW MACKVILLE [44.31, -88.44], 2.0 SE MACKVILLE [44.33, -88.39]

06/14/17 14:30 CST	2.50K	Tornado (EF0, L: 2.83 mi , W: 50 yd)
06/14/17 14:34 CST	0	Source: NWS Storm Survey

A weak tornado caused minor house damage (DI 2, DOD 2) and ripped small limbs off trees (DI 27, DOD 1 and 2).

### OUTAGAMIE COUNTY --- SHIOCTON [44.43, -88.58]

06/14/17 14:30 CST	0	Thunderstorm Wind (EG 52 kt)
06/14/17 14:30 CST	0	Source: Trained Spotter

Thunderstorm winds downed trees and power lines in Shiocton.

### OUTAGAMIE COUNTY --- 3.1 ENE BEAR CREEK [44.55, -88.66], 2.3 WNW LEEMAN [44.58, -88.60]

06/14/17 14:31 CST	0	Tornado (EF0, L: 3.99 mi , W: 50 yd)
06/14/17 14:38 CST	0	Source: NWS Storm Survey

A weak tornado uprooted several trees in saturated soil and broke limbs off about a dozen more (DI 27 and 28, DOD 1 and 2). A metal barn roof was blown off (DI 1, DOD 2) and another barn roof collapsed (DI 1, DOD 5).

### CALUMET COUNTY --- 1.0 W DARBOY [44.23, -88.40]

06/14/17 14:32 CST	0	Thunderstorm Wind (EG 56 kt)
06/14/17 14:32 CST	0	Source: Trained Spotter

Thunderstorms produced an estimated 65 mph wind gust south of Appleton.

### OUTAGAMIE COUNTY --- 1.9 W NICHOLS [44.57, -88.51], 1.4 N NICHOLS [44.59, -88.47]

06/14/17 14:40 CST	0	Tornado (EF0, L: 2.16 mi , W: 100 yd)
06/14/17 14:43 CST	0	Source: NWS Storm Survey

A tornado formed at 3:40 PM CDT and moved northeast, entering Shawano County 1.4 miles north of Nichols at 3:43 PM CDT. The tornado removed some shingles and siding off a house (DI 2, DOD 2) before strengthening as it continued into Shawano County for another 1.8 miles. The tornado dissipated at 3:45 PM CDT.

### SHAWANO COUNTY --- 2.1 S NAVARINO [44.59, -88.47], 1.2 WNW BRIARTON [44.61, -88.44]

06/14/17 14:43 CST	0	Tornado (EF1, L: 1.82 mi , W: 100 yd)
06/14/17 14:45 CST	0	Source: NWS Storm Survey

This tornado moved out of northern Outagamie County, 1.4 miles north of Nichols, into Shawano County at 3:43 PM CDT. A detached garage/outbuilding was swept off its foundation (DI 1, DOD 7). Another garage/outbuilding collapsed with the walls falling outward (DI 1, DOD 6). A stand of pines across the street had a 75 yard wide by 125 yard long area that were blown down and snapped in a convergent pattern (DI 28, DOD 4). The tornado dissipated at 3:45 PM CDT.

### SHAWANO COUNTY --- 0.9 NE SHAWANO [44.78, -88.59]

06/14/17 14:45 CST	0	Thunderstorm Wind (EG 52 kt)
06/14/17 14:45 CST	0	Source: Amateur Radio

Thunderstorm winds downed large tree limbs in Shawano.

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<b>SHAWANO COUNTY --- 1.0 SE BRIARTON [44.59, -88.40], 0.9 ESE LANDSTAD [44.66, -88.38]</b>				
	06/14/17 14:45 CST		0	Tornado (EF1, L: 5.08 mi , W: 75 yd)
	06/14/17 14:51 CST		0	Source: NWS Storm Survey
<p>Another tornado formed northeast of Nichols and moved north-northeast causing isolated damage along its path. The tornado heavily damaged a wood and sheet-metal pole barn (DI 1, DOD 6). A mobile home was destroyed as it tumbled off its block foundation (DI 3, DOD 7). Portions of the home were blown nearly a quarter mile away into nearby fields and trees. Several trees along the storm's path were uprooted or snapped (DI 27 and 28, DOD 3 and 4).</p>				
<b>BROWN COUNTY --- 1.7 NE LITTLE RAPIDS [44.40, -88.11]</b>				
	06/14/17 14:50 CST		0	Thunderstorm Wind (EG 56 kt)
	06/14/17 14:50 CST		0	Source: Public
<p>Thunderstorm winds uprooted or damaged 20 trees on the Fox River.</p>				
<b>SHAWANO COUNTY --- 1.7 SSE ANGELICA [44.65, -88.29], 1.7 SW KRAKOW [44.73, -88.27]</b>				
	06/14/17 14:51 CST		75K	Tornado (EF1, L: 5.80 mi , W: 150 yd)
	06/14/17 14:59 CST		0	Source: NWS Storm Survey
<p>An EF1 tornado formed and moved north-northeast on the west side of the city of Pulaski. The tornado ripped off a garage door and one side of the garage collapsed inward (DI 2, DOD 4). Another nearby garage door (on a different property) collapsed and one side was heavily damaged (DI 2, DOD 4). In addition, a barn's roof was collapsed (DI 1, DOD 5). Several dozen trees were uprooted in wet soil or heavily damaged (DI 27 and 28, DOD 2 and 3) in the path of the tornado.</p>				
<b>OCONTO COUNTY --- 1.4 S CHASE [44.68, -88.17]</b>				
	06/14/17 14:52 CST		0	Thunderstorm Wind (EG 56 kt)
	06/14/17 14:52 CST		0	Source: Law Enforcement
<p>Thunderstorm winds downed numerous trees near Sobieski.</p>				
<b>BROWN COUNTY --- 1.2 SW MORRISON [44.29, -88.00], MORRISON [44.30, -87.98]</b>				
	06/14/17 14:53 CST		0	Tornado (EF0, L: 1.21 mi , W: 50 yd)
	06/14/17 14:55 CST		0	Source: NWS Storm Survey
<p>A weak tornado caused minor tree damage (DI 27, DOD 1 and 2).</p>				
<b>BROWN COUNTY --- 2.3 SSW DE PERE [44.42, -88.07]</b>				
	06/14/17 14:53 CST		10K	Thunderstorm Wind (EG 61 kt)
	06/14/17 14:53 CST		0	Source: Public
<p>Thunderstorm winds downed trees that caused damage to several homes on the south side of De Pere.</p>				
<b>SHAWANO COUNTY --- 2.0 NW HOFA PARK [44.65, -88.36], 0.7 NE FRAZER [44.68, -88.32]</b>				
	06/14/17 14:53 CST		25K	Tornado (EF0, L: 3.05 mi , W: 50 yd)
	06/14/17 14:55 CST		0	Source: NWS Storm Survey
<p>This tornado, west of Angelica, heavily damaged an old barn (DI 1, DOD 6) and partially tore the roof off an outbuilding (DI 1, DOD 2). Another old barn had most of its roof blown off (DI 1, DOD 5). A nearby home had roof damage (DI 2, DOD 2) and its garage door partially collapsed inward.</p>				
<b>BROWN COUNTY --- 2.0 SE ALLOUEZ [44.45, -87.99]</b>				
	06/14/17 14:57 CST		0	Thunderstorm Wind (EG 52 kt)
	06/14/17 14:57 CST		0	Source: Amateur Radio
<p>Thunderstorm winds downed several trees near Highway 172 and Monroe Road.</p>				
<b>BROWN COUNTY --- 2.4 SW BAY SETTLEMENT [44.53, -87.92]</b>				
	06/14/17 15:04 CST		0	Thunderstorm Wind (EG 52 kt)
	06/14/17 15:04 CST		0	Source: Trained Spotter
<p>Thunderstorm winds tore 4 to 5 inch limbs from trees and tossed them 100 to 150 feet.</p>				
<b>OCONTO COUNTY --- 1.6 ESE LITTLE SUAMICO [44.71, -87.99]</b>				

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	06/14/17 15:05 CST		0	Thunderstorm Wind (EG 56 kt)
	06/14/17 15:05 CST		0	Source: Law Enforcement

Thunderstorm winds downed numerous trees around Little Suamico.

**BROWN COUNTY --- 0.7 S PULASKI [44.66, -88.23]**

	06/14/17 15:09 CST		0	Thunderstorm Wind (MG 56 kt)
	06/14/17 15:09 CST		0	Source: Trained Spotter

A thunderstorm produced a wind gust to 64 mph in Pulaski.

**MANITOWOC COUNTY --- 0.5 E MANITOWOC [44.08, -87.66]**

	06/14/17 15:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/14/17 15:15 CST		0	Source: Law Enforcement

Thunderstorm winds downed several trees in Manitowoc.

**DOOR COUNTY --- STURGEON BAY [44.83, -87.38]**

	06/14/17 16:00 CST		0	Thunderstorm Wind (EG 56 kt)
	06/14/17 16:00 CST		0	Source: Law Enforcement

Thunderstorm winds caused widespread tree damage across Door County.

**A line of thunderstorms, known as a quasi-linear convective system (QLCS), formed ahead of a cold front and produced widespread winds of 50 to 70 mph and tornadoes as it passed through central and east-central Wisconsin. Ten tornadoes formed during the afternoon. One was associated with an isolated storm ahead of the main line. Five of the tornadoes were rated EF0 and the other five were EF1.**

**This was the biggest outbreak of tornadoes in the National Weather Service Green Bay service area of northeast and north-central Wisconsin, tying the April 10, 2011, event.**