

## Storm Data and Unusual Weather Phenomena - August 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northeast</b>				
<b>FORD COUNTY --- 4.0 W GIBSON CITY [40.47, -88.45]</b>				
	08/04/09 08:45 CST		0	Thunderstorm Wind (EG 50 kt)
	08/04/09 08:45 CST		0	Source: Trained Spotter
Small tree limbs were blown down.				
<b>IROQUOIS COUNTY --- 5.0 S CRESCENT CITY [40.70, -87.87]</b>				
	08/04/09 09:08 CST		0	Thunderstorm Wind (MG 52 kt)
	08/04/09 09:08 CST		0	Source: Trained Spotter
<b>IROQUOIS COUNTY --- 5.0 NW MILFORD [40.70, -87.74]</b>				
	08/04/09 09:14 CST		0	Thunderstorm Wind (EG 56 kt)
	08/04/09 09:14 CST		0	Source: COOP Observer
An 18 inch diameter tree limb was blown down onto the roof of a house.				
<b>IROQUOIS COUNTY --- 2.0 SW MILFORD [40.63, -87.70]</b>				
	08/04/09 09:16 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/04/09 09:16 CST		0	Source: Newspaper
A large tree limb fell through the back door of a van in Milford causing major damage to the van.				
<b>IROQUOIS COUNTY --- MILFORD [40.65, -87.67]</b>				
	08/04/09 09:17 CST		0	Thunderstorm Wind (EG 50 kt)
	08/04/09 09:17 CST		0	Source: COOP Observer
Small tree limbs were blown down.				
<b>IROQUOIS COUNTY --- 0.7 WSW STOCKLAND [40.62, -87.59]</b>				
	08/04/09 09:19 CST		10K	Thunderstorm Wind (EG 50 kt)
	08/04/09 09:19 CST		0	Source: Newspaper
A 100 foot tall grain leg was mangled and partially uprooted as anchors were pulled out of the ground.				
<b>Strong to severe thunderstorms moved across parts of east central Illinois during the late morning of August 4th.</b>				
<b>(IL-Z014) COOK</b>				
	08/09/09 10:00 CST	1	0	Excessive Heat
	08/10/09 20:00 CST		0	
High temperatures reached the lower 90s on August 9th and the middle 80s on August 10th. A 54 year old man suffered a heat stroke in Chicago and died.				
Direct Fatalities: M54PH				
<b>WINNEBAGO COUNTY --- ROSCOE [42.42, -89.02]</b>				
	08/09/09 22:17 CST		0	Thunderstorm Wind (EG 61 kt)
	08/09/09 22:17 CST		0	Source: Emergency Manager
Several trees were blown down in Roscoe.				
<b>Strong to severe thunderstorms moved across parts of northern Illinois during the late evening of August 9th.</b>				
<b>KANE COUNTY --- 2.0 S SUGAR GROVE [41.72, -88.44], 1.2 WSW MONTGOMERY [41.72, -88.37]</b>				
	08/16/09 13:00 CST		1K	Thunderstorm Wind (EG 55 kt)
	08/16/09 13:02 CST		0	Source: Trained Spotter
Large tree limbs and signs were blown down along Route 30 between Route 47 and Route 25.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KENDALL COUNTY --- 0.4 E BOULDER HILL [41.72, -88.34]</b>				
	08/16/09 13:05 CST		0	Thunderstorm Wind (MG 54 kt)
	08/16/09 13:05 CST		0	Source: Amateur Radio
A wind gust to 62 mph was measured near Route 30 and Route 25.				
<b>KANE COUNTY --- BATAVIA [41.85, -88.32]</b>				
	08/16/09 13:15 CST		0	Heavy Rain
	08/16/09 13:45 CST		0	Source: Amateur Radio
One inch of rain fell in 30 minutes in Batavia.				
<b>KANKAKEE COUNTY --- KANKAKEE [41.12, -87.85]</b>				
	08/16/09 13:45 CST		0	Thunderstorm Wind (EG 50 kt)
	08/16/09 13:45 CST		0	Source: Public
A 20 foot tall tree was blown down.				
<b>WILL COUNTY --- 0.9 SE WOLFS [41.69, -88.26]</b>				
	08/16/09 13:55 CST		0	Thunderstorm Wind (MG 54 kt)
	08/16/09 13:55 CST		0	Source: Mesonet
A wind gust was measured to 62 mph.				
<b>WILL COUNTY --- 2.2 WSW PLAINFIELD CLOW ARPT [41.69, -88.17]</b>				
	08/16/09 14:00 CST		0	Thunderstorm Wind (MG 50 kt)
	08/16/09 14:00 CST		0	Source: Mesonet
A wind gust was measured to 58 mph.				
<b>COOK COUNTY --- 0.6 NE WORTH [41.68, -87.79]</b>				
	08/16/09 14:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/16/09 14:50 CST		0	Source: Trained Spotter
An 8 to 10 inch diameter tree limb was blown down blocking the roadway near 114th Street and New England Street.				
<b>Severe thunderstorms moved across parts of northern Illinois during the afternoon hours of August 16th.</b>				
<b>LA SALLE COUNTY --- 1.0 WNW OGLESBEY [41.30, -89.09]</b>				
	08/19/09 15:05 CST		50K	Thunderstorm Wind (EG 50 kt)
	08/19/09 15:05 CST		0	Source: Newspaper
A delivery truck and trailer were blown against a guard shack and destroyed just west of Interstate 39 in Oglesby. Another trailer was tipped over and the roof of thrid trailer was blown off.				
<b>LIVINGSTON COUNTY --- PONTIAC [40.87, -88.62]</b>				
	08/19/09 15:10 CST		0	Thunderstorm Wind (MG 52 kt)
	08/19/09 15:10 CST		0	Source: Trained Spotter
<b>LA SALLE COUNTY --- 0.4 SW STREATOR WEST [41.12, -88.86], 0.5 NW STREATOR ARPT [41.14, -88.81]</b>				
	08/19/09 15:18 CST		5K	Thunderstorm Wind (EG 70 kt)
	08/19/09 15:20 CST		0	Source: Trained Spotter
Numerous trees, tree limbs and power lines were blown down across much of Streator. One tree fell onto a house on Washington Street. Wind gusts were estimated as high as 80 mph.				
<b>WILL COUNTY --- 1.4 WSW BRAIDWOOD [41.26, -88.24]</b>				
	08/19/09 15:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	08/19/09 15:40 CST		0	Source: Broadcast Media
Damage was reported to a storage trailer and to the roof of a gas station near Interstate 55.				

## Storm Data and Unusual Weather Phenomena - August 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WILL COUNTY --- 0.5 SW LORENZO [41.35, -88.23]</b>				
	08/19/09 15:45 CST		25K	Thunderstorm Wind (EG 65 kt)
	08/19/09 15:45 CST		0	Source: Broadcast Media
A mobile home was overturned just south of Lorenzo Road.				
<b>LA SALLE COUNTY --- 1.9 N MENDOTA [41.58, -89.12], 0.4 NW MENDOTA [41.55, -89.12], 0.6 ENE MENDOTA [41.55, -89.11], 2.0 NNE MENDOTA [41.58, -89.11]</b>				
	08/19/09 16:20 CST		0	Flood (due to Heavy Rain)
	08/19/09 20:00 CST		0	Source: Trained Spotter
Yard and street flooding was reported north of Mendota with a storm total rainfall of 2.49 inches.				
<b>IROQUOIS COUNTY --- 3.1 S PITTSWOOD [40.83, -87.73], 3.1 SE PITTSWOOD [40.84, -87.68]</b>				
	08/19/09 17:00 CST		0.10M	Tornado (EF1, L: 2.75 mi , W: 50 yd)
	08/19/09 17:07 CST		0	Source: NWS Storm Survey
<p>A tornado touched down along County Road 2100 East, north of the intersection of County Roads 2100 North and 2100 East. The initial touchdown was in a corn field where the corn was laid down in a convergent pattern. At this location, the tornado was approximately 20 yards wide. The tornado then crossed County Road 2100 North where it caused damage to trees and a small corn silo next to a farm house. Just behind this farm house, several large trees were broken near their base with one tree uprooted. Most of these trees were around three feet in diameter. Some internal rot was noted in a few of the trees making them more susceptible to wind damage. The tornado then appears to have lifted briefly before touching down again just behind a home along County Road 2200 East, between County Roads 2100 North and 2150 North. At this location, significant tree damage was observed with multiple limbs between one and two feet in diameter being broken and falling in a convergent manner. Also at this location, a detached garage was destroyed with debris being scattered 50 to 100 feet to the northeast. This appears to be the point along the damage path where the tornado reached its maximum intensity with an estimated peak wind speed of 105 mph and a width of 50 yards. The tornado then crossed County Road 2100 East causing damage to corn along both County Road 2100 East and County Road 2150 North. After crossing County Road 2150 North, the tornado destroyed a barn housing farming equipment, measuring 44 by 72 feet. Debris from this barn was scattered in all directions from the barn's original location. Several pieces of farm equipment estimated to weigh between 5,000 and 15,000 pounds were moved several feet north and northeast of their original location including a grain wagon which was lifted and placed on top of other farm equipment. After destroying the barn, the tornado moved northeast through a corn field where additional crop damage was observed. The tornado then again briefly lifted before striking a home and a detached garage along County Road 2340 East. Siding and minor roof and shingle damage was observed on the house and the detached garage lost its roof and suffered a collapse of the south wall. At this location, the tornado was estimated to be about 40 yards wide. The tornado appears to have lifted as it crossed County Road 2340 East.</p>				
<b>KANE COUNTY --- 2.0 N ELBURN [41.91, -88.46], 2.1 S LILY LAKE [41.92, -88.48]</b>				
	08/19/09 17:00 CST		25K	Tornado (EF1, L: 1.00 mi , W: 40 yd)
	08/19/09 17:02 CST		0	Source: NWS Storm Survey
<p>A tornado touched down just north of Route 38. At this location, a field of corn was flattened in a convergent manner towards the northwest. Damage was rated EF0 with winds near 65 mph and a path width of 20 yards. The tornado moved northwest and intensified as it moved along Route 47 where it snapped off and uprooted multiple large hardwood and softwood trees. The damage at this location was blown in a convergent pattern to the northwest. EF1 damage was observed with winds estimated near 105 mph and a path width of 40 yards. The tornado continued to the northwest maintaining its strength causing more tree damage along Route 47. Several trees were snapped off and consistently blown in the same direction to the northwest. Several cars were damaged by falling tree limbs. Damage was rated EF1 at this location with winds near 105 mph and a path width of 40 yards. Several residences along Route 47 continued to receive damage to many trees on their property even as the tornado was weakening. The last of the damage observed was in a corn field just to the west of Route 47. Here corn was flattened and twisted before the the tornado lifted with the damage rated EF0 with winds near 65 mph.</p>				
<b>KANE COUNTY --- 1.3 SSE LILY LAKE [41.93, -88.47], 0.8 SE LILY LAKE [41.94, -88.47]</b>				
	08/19/09 17:15 CST		0	Tornado (EF0, L: 0.75 mi , W: 30 yd)
	08/19/09 17:16 CST		0	Source: NWS Storm Survey
<p>A tornado touched down in a subdivision about a half mile north of Route 64. At this location, several large hardwood tree limbs were snapped and twisted off. Damage here was rated EF0 with winds near 75 mph and a path width of 30 yards. The tornado quickly moved to the northeast where it continued to cause damage to multiple large trees in this subdivision. The tornado began to weaken and produced the last of its damage about a quarter mile north of Route 64 where several large tree limbs were snapped off. Damage was rated EF0 with winds near 70 mph and a path width of 30 yards.</p>				
<b>KANE COUNTY --- 1.0 S PINGREE GROVE [42.06, -88.42]</b>				
	08/19/09 17:17 CST		0	Hail (1.00 in)
	08/19/09 17:19 CST		0	Source: Trained Spotter

Severe thunderstorms developed during the afternoon hours and moved northeast across parts northern and central Illinois. Three tornadoes were confirmed during this event.

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<b>LEE COUNTY --- 3.0 NNW DIXON [41.87, -89.50]</b>				
	08/26/09 04:30 CST	0		Heavy Rain
	08/27/09 04:30 CST	0		Source: CoCoRaHS
Rainfall of 2.03 inches was reported in the past 24 hours.				
<b>DE KALB COUNTY --- CORTLAND [41.92, -88.68]</b>				
	08/26/09 05:15 CST	0		Heavy Rain
	08/27/09 05:15 CST	0		Source: CoCoRaHS
Rainfall of 2.06 inches was reported in the past 24 hours.				
<b>COOK COUNTY --- WHEELING [42.13, -87.90]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: Official NWS Observations
Rainfall of 2.58 inches was reported in the past 24 hours.				
<b>DE KALB COUNTY --- 1.0 SSW DE KALB [41.92, -88.76]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: Trained Spotter
Rainfall of 2.01 inches was reported in the past 24 hours.				
<b>DE KALB COUNTY --- GENOA [42.10, -88.68]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: COOP Observer
Rainfall of 4.63 inches was reported in the past 24 hours.				
<b>KANE COUNTY --- ELGIN [42.03, -88.28]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: COOP Observer
Rainfall of 2.12 inches was reported in the past 24 hours.				
<b>OGLE COUNTY --- 3.0 N BYRON [42.17, -89.25]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: CoCoRaHS
Rainfall of 2.38 inches was reported in the past 24 hours.				
<b>WINNEBAGO COUNTY --- 1.0 NW ROCKFORD [42.28, -89.09]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: CoCoRaHS
Rainfall of 2.01 inches was reported in the past 24 hours.				
<b>WINNEBAGO COUNTY --- ROCKFORD [42.27, -89.08]</b>				
	08/26/09 06:00 CST	0		Heavy Rain
	08/27/09 06:00 CST	0		Source: Official NWS Observations
Rainfall of 2.42 inches was reported in the past 24 hours.				
<b>GRUNDY COUNTY --- 4.0 NNW COAL CITY [41.33, -88.31]</b>				
	08/27/09 05:00 CST	0		Heavy Rain
	08/28/09 05:00 CST	0		Source: NWS Employee
Rainfall of 2.16 inches was reported in the past 24 hours.				
<b>WILL COUNTY --- PEOTONE [41.33, -87.78]</b>				

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	08/27/09 05:00 CST		0	Heavy Rain
	08/28/09 05:00 CST		0	Source: COOP Observer

Rainfall of 2.06 inches was reported in the past 24 hours.

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### KANKAKEE COUNTY --- BONFIELD [41.15, -88.05]

	08/27/09 06:00 CST		0	Heavy Rain
	08/28/09 06:00 CST		0	Source: COOP Observer

Rainfall of 2.45 inches was reported in the past 24 hours.

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### LA SALLE COUNTY --- MARSEILLES [41.33, -88.72]

	08/27/09 06:00 CST		0	Heavy Rain
	08/28/09 06:00 CST		0	Source: COOP Observer

Rainfall of 2.21 inches was reported in the past 24 hours.

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### LA SALLE COUNTY --- PERU [41.33, -89.13]

	08/27/09 06:00 CST		0	Heavy Rain
	08/28/09 06:00 CST		0	Source: COOP Observer

Rainfall of 3.02 inches was reported in the past 24 hours.

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### WILL COUNTY --- MONEE [41.42, -87.73]

	08/27/09 06:00 CST		0	Heavy Rain
	08/28/09 06:00 CST		0	Source: COOP Observer

Rainfall of 2.15 inches was reported in the past 24 hours.

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### LIVINGSTON COUNTY --- PONTIAC [40.87, -88.62]

	08/27/09 18:00 CST		0	Heavy Rain
	08/28/09 06:00 CST		0	Source: Trained Spotter

Rainfall of 3.00 inches was reported in the past 12 hours.

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### COOK COUNTY --- ARLINGTON HGTS [42.08, -88.00]

	08/28/09 06:00 CST		0	Heavy Rain
	08/28/09 06:00 CST		0	Source: Trained Spotter

Storm total rainfall of 3.53 inches was reported near Hintz and Windsor Roads.

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### COOK COUNTY --- NORTHBROOK [42.13, -87.83]

	08/28/09 12:00 CST		0	Heavy Rain
	08/28/09 12:00 CST		0	Source: Amateur Radio

Rainfall of 3.57 inches was reported in the past 24 hours.

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### KENDALL COUNTY --- 1.6 E BOULDER HILL [41.72, -88.32]

	08/28/09 14:31 CST		0	Heavy Rain
	08/28/09 14:31 CST		0	Source: Trained Spotter

Three day storm total rainfall of 3.69 inches was reported near Route 30 and Douglas Road.

**Periods of heavy rain fell across parts of northern Illinois from August 26th through August 28th with many areas receiving more than two inches of rain but no flooding was reported.**

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## INDIANA, Northwest

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PORTER COUNTY --- 0.8 WNW CHESTERTON [41.60, -87.07], 1.0 ENE TREMONT [41.66, -87.03]

## Storm Data and Unusual Weather Phenomena - August 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/09 18:32 CST		1.50M	Tornado (EF2, L: 4.00 mi , W: 60 yd)
	08/19/09 18:45 CST		0	Source: NWS Storm Survey

A tornado touched down in southern Chesterton east of 11th Street and southwest of South Park Drive. The tornado quickly intensified as it moved to the northeast and caused the partial collapse of a gymnasium roof at the Chesterton Junior High School. A wind gust to 105 mph was measured by an anemometer near the school. This damage along with numerous trees that were either uprooted or sheared off was caused by tornado winds reaching 110 mph. The tornado was rated EF1 at this point with a path width of 40 yards. The tornado continued to track to the northeast across the New York Central railroad tracks toward Grant Avenue where the roof of a warehouse had been peeled off and thrown about 15 yards behind the building to the north. The tornado continued to the northeast where an apartment building on Brown Avenue lost its entire roof. This damage was caused by tornado winds reaching 120 mph. The tornado damage was rated EF2 through this area with a path width of 60 yards. In the city of Chesterton, 211 structures sustained damage; 8 were completely destroyed; 54 suffered major damage, such as trees falling through roofs. The remaining 149 structures sustained damage such as missing shingles or damaged gutters. Multiple vehicles were damaged by falling debris from buildings or trees. Numerous power lines were blown down along with utility poles blown down or snapped. This EF2 damage continued northeast where an entire field of healthy old hardwood tree trunks were snapped off or uprooted. The tornado then started to slightly weaken as it approached the Interstate 94 eastbound exit/westbound entrance ramps at Indiana Highway 49. A home south of the interstate had a garage roof blown off with still numerous trees uprooted or sheared off. Tornado wind speeds here were estimated at 100 mph with an EF1 rating. Similar tree damage was noted along a path that continued to go to the northeast across Highway 49 and toward Highway 20 near Hadenfelt Road where some aluminum roofing material of a storage facility had been peeled off. Tornado wind speeds were estimated at 95 mph here and was rated EF1 with a path width of 30 yards. The tornado continued to move through a heavily forested area in the Indiana Dunes National Lakeshore, eventually crossing Highway 12. Radar imagery and an aerial survey suggests that the tornado dissipated north of Highway 12.

**Strong to severe thunderstorms moved across parts of northwest Indiana during the late afternoon and evening hours of August 19th, producing one tornado in Chesterton.**

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### JASPER COUNTY --- 1.0 NNW DEMOTTE [41.21, -87.21]

08/27/09 06:00 CST	0	Heavy Rain
08/28/09 06:00 CST	0	Source: CoCoRaHS

Rainfall of 2.75 inches was reported in the past 24 hours.

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### PORTER COUNTY --- 6.0 S VALPARAISO [41.38, -87.05]

08/27/09 06:00 CST	0	Heavy Rain
08/28/09 06:00 CST	0	Source: CoCoRaHS

Rainfall of 2.20 inches was reported in the past 24 hours.

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### PORTER COUNTY --- CHESTERTON [41.60, -87.05]

08/27/09 06:00 CST	0	Heavy Rain
08/28/09 06:00 CST	0	Source: Trained Spotter

Rainfall of 2.75 inches was reported in the past 24 hours.

**Periods of heavy rain fell across parts of northwest Indiana on August 27th and August 28th with many areas receiving more than two inches of rain but no flooding was reported.**

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## LAKE MICHIGAN

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### WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.90, -87.60]

08/16/09 11:30 CST	0	Marine Thunderstorm Wind (MG 46 kt)
08/16/09 11:30 CST	0	Source: C-MAN Station

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### WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.90, -87.60]

08/16/09 12:30 CST	0	Marine Thunderstorm Wind (MG 53 kt)
08/16/09 12:30 CST	0	Source: C-MAN Station

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### WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.90, -87.60]

08/16/09 15:10 CST	0	Marine Thunderstorm Wind (MG 35 kt)
08/16/09 15:20 CST	0	Source: C-MAN Station

**Strong to severe thunderstorms moved across southern Lake Michigan during the afternoon of August 16th.**

## Storm Data and Unusual Weather Phenomena - August 2009

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