

## Storm Data and Unusual Weather Phenomena - August 2010

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

<b>COOK COUNTY --- 0.3 E MC COOK [41.78, -87.82], 0.4 E MC COOK [41.78, -87.81], 0.5 SE MC COOK [41.78, -87.81], 0.4 SSE MC COOK [41.78, -87.82]</b>				
	08/03/10 04:03 CST		0	Flash Flood (due to Heavy Rain)
	08/03/10 08:00 CST		0	Source: Broadcast Media

Three to four feet of water was reported under a viaduct near Archer Avenue and 63rd Street.

<b>KANE COUNTY --- 0.8 ESE SCRAPER MOECHEVILLE [41.73, -88.26], 1.2 NE MARYWOOD [41.81, -88.26], 1.7 SE TROXEL [41.81, -88.58], 3.3 SSW BIG ROCK [41.73, -88.57]</b>				
	08/03/10 04:30 CST		0.10M	Flash Flood (due to Heavy Rain)
	08/03/10 10:00 CST		0	Source: Newspaper

Flooding of low lying areas and some streets was reported across southern Kane County. Significant flooding occurred in the Ogden Gardens neighborhood on Aurora's East side, on Parkside Avenue north of East New York Street. Sandbags were placed around at least one house and several houses suffered basement flooding. Storm total rainfall of 2.98 inches was measured in Aurora.

<b>WILL COUNTY --- 2.7 W BIRDS [41.47, -88.25], 1.8 N WOLFS [41.73, -88.26], 2.1 ENE BARBERS CORNERS [41.73, -88.03], 0.6 S BRUNNING [41.64, -88.03], 1.3 NE GOODINGS GROVE [41.64, -87.91], 0.8 NE MARLEY [41.56, -87.91], 3.5 NNE WILTON [41.43, -87.91]</b>				
	08/03/10 04:30 CST		1M	Flash Flood (due to Heavy Rain)
	08/03/10 10:00 CST		0	Source: Trained Spotter

Significant and widespread flooding occurred across north central Will County during the morning hours of August 3rd. Numerous roads were flooded and closed. Route 53 at Murphy had 6 to 8 inches of rapidly moving flood water; several cars were stuck in flood waters at Theodore and Larkin, which was impassible; five cars were stalled in flood waters on Route 53 north of Romeo Road; Route 30 was flooded and closed between Cherry Hill and Briggs Street; Interstate 80 was flooded and closed in both directions at Briggs Street and Cherry Hill; Route 53 near Lewis University was flooded and closed; numerous streets in Crest Hill were flooded, including Larkin Avenue, Route 53, Gaylord and Theodore; and the Route 53 Alcan overpass. Flooding was also reported on Hammes, Oneida and Madison Streets near St. Joseph Hospital in Joliet. The Dupage River flooded parts of Caton Farm and Lily Cache Roads. Numerous basements were also flooded. Storm total rainfall amounts included 4.44 inches in Joliet; 3.92 inches near Larkin and Theodore in Joliet; 3.09 inches in Crest Hill; 2.78 inches two miles southeast of New Lenox and 2.78 inches at the National Weather Service office in Romeoville.

<b>WILL COUNTY --- 3.5 NNE WILTON [41.43, -87.91], 0.8 NE MARLEY [41.56, -87.91], 1.6 SSW TINLEY PARK [41.56, -87.79], 2.1 SSE FRANKLIN SQUARE [41.47, -87.79], 5.4 E STEGER [41.47, -87.53], 1.6 NE EAGLE LAKE [41.39, -87.53]</b>				
	08/03/10 04:30 CST		0	Flash Flood (due to Heavy Rain)
	08/03/10 10:00 CST		0	Source: Trained Spotter

Street flooding was reported across parts of northeast Will County during the morning hours of August 3rd. Storm total rainfall amounts included 3.54 inches five miles east northeast of Manhattan and 2.92 inches three miles east of Crete.

<b>COOK COUNTY --- 1.9 NW LEMONT [41.69, -88.03], 2.6 ENE BURNHAM [41.65, -87.53], 2.9 ESE SAUK VLG [41.47, -87.53], 3.6 W PARK FOREST SOUTH [41.47, -87.79], 1.0 SW KIMBERLY HGTS [41.56, -87.79], 4.3 WSW FERNWAY [41.56, -87.91], 2.4 WNW ORLAND PARK [41.64, -87.91], 2.4 SW LEMONT [41.64, -88.03]</b>				
	08/03/10 04:45 CST		0.50M	Flash Flood (due to Heavy Rain)
	08/03/10 10:00 CST		0	Source: Newspaper

Several roads were closed due to flooding across southern Cook County. In Chicago Heights, 202nd Street was flooded and closed from Wood Street to Ashland Avenue. Tinley Park reported 19 locations with high standing water in the streets. In Midlothian, a church suffered flooding on the first floor; several streets were flooded and standing water in some areas was estimated to be 4 feet deep. Basement flooding was also reported in some areas. Storm total rainfall amounts included 4.10 inches in Oak Forest, 2.50 inches four miles southeast of Matteson and 1.44 inches five miles east southeast of Chicago Heights.

<b>KENDALL COUNTY --- 4.4 E MONTGOMERY [41.73, -88.26], 6.6 E WHITE WILLOW [41.47, -88.25], 1.2 SSE NEWARK [41.51, -88.57], 0.6 NE LITTLE ROCK [41.73, -88.57]</b>				
	08/03/10 05:30 CST		0	Flash Flood (due to Heavy Rain)
	08/03/10 10:00 CST		0	Source: Trained Spotter

Several roads were flooded across parts of Kendall County including Route 52 and Grove Road; County Line Road at Caton Farm Road; Ridge Road and Caton Farm Road; on Morgan Drive in Oswego; and at Schlapp and Cherry Roads. Storm total rainfall amounts included 3.39 inches one mile southwest of Oswego and 3.04 inches in Yorkville.

**Heavy rain fell across parts of northern Illinois during the morning hours of August 3rd producing flash flooding.**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>OGLE COUNTY --- POLO [41.98, -89.58]</b>				
	08/04/10 04:14 CST		1K	Thunderstorm Wind (EG 50 kt)
	08/04/10 04:14 CST		0	Source: Emergency Manager
A four inch diameter tree was snapped at its base. Power lines were blown down.				
<b>LA SALLE COUNTY --- 1.3 SSE OTTAWA [41.33, -88.84]</b>				
	08/04/10 04:44 CST		0	Thunderstorm Wind (EG 50 kt)
	08/04/10 04:44 CST		0	Source: Law Enforcement
A large tree was blown down near Marcy and Guthrie Streets.				
<b>WILL COUNTY --- 2.0 WNW CHANNAHON [41.44, -88.27]</b>				
	08/04/10 05:10 CST		0	Thunderstorm Wind (MG 50 kt)
	08/04/10 05:10 CST		0	Source: Mesonet
<b>KANE COUNTY --- 1.6 N ELBURN [41.90, -88.47]</b>				
	08/04/10 05:13 CST		0	Thunderstorm Wind (MG 58 kt)
	08/04/10 05:13 CST		0	Source: Amateur Radio
A wind gust to 67 mph was measured near Route 38 and Route 47.				
<b>KANE COUNTY --- 1.2 E VALLEY VIEW [41.95, -88.31]</b>				
	08/04/10 05:20 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/10 05:20 CST		0	Source: Trained Spotter
An 8 inch diameter tree was blown down blocking the southbound lanes of Route 25.				
<b>DU PAGE COUNTY --- NAPERVILLE [41.78, -88.15]</b>				
	08/04/10 05:28 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/10 05:28 CST		0	Source: NWS Employee
Wind gusts were estimated to 60 mph.				
<b>DU PAGE COUNTY --- CAROL STREAM [41.92, -88.13]</b>				
	08/04/10 05:40 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/10 05:40 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph.				
<b>DU PAGE COUNTY --- 1.0 S WESTMONT [41.79, -87.97]</b>				
	08/04/10 05:52 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/10 05:52 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph.				
<b>COOK COUNTY --- 5.0 SSE DEERFIELD [42.10, -87.81]</b>				
	08/04/10 05:55 CST		0	Thunderstorm Wind (MG 53 kt)
	08/04/10 05:55 CST		0	Source: Mesonet
<b>OGLE COUNTY --- 2.6 SE HAZELHURST [41.95, -89.64], 1.9 W BUFFALO GROVE [41.98, -89.64], 0.8 W BUFFALO GROVE [41.98, -89.61], 2.2 SSW BUFFALO GROVE [41.95, -89.62]</b>				
	08/04/10 06:32 CST		0	Flash Flood (due to Heavy Rain)
	08/04/10 09:00 CST		0	Source: Trained Spotter
Buffalo Creek overflowed its banks near Milledgeville and South Freeport Roads.				
<b>Strong to severe thunderstorms moved across parts of northern Illinois during the morning hours of August 4th.</b>				
<b>LAKE COUNTY --- 1.0 NE NORTH BARRINGTON [42.23, -88.12]</b>				

## Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/08/10 04:00 CST		0.10M	Lightning
	08/08/10 04:00 CST		0	Source: Newspaper

A house on Lakeside Lane was struck by lightning which started a fire in the attic. The home was devastated by the fire.

**Strong thunderstorms moved across parts of northern Illinois during the early morning hours of August 8th.**

**(IL-Z014) COOK**

08/12/10 13:00 CST	1	0	Excessive Heat
08/12/10 20:00 CST		0	

Direct Fatalities: F1PH

**High temperatures reached the lower to middle 90s across much of northern Illinois.**

**MCHENRY COUNTY --- LAKE IN THE HILLS [42.18, -88.32]**

08/13/10 06:40 CST		0	Thunderstorm Wind (MG 55 kt)
08/13/10 06:40 CST		0	Source: Trained Spotter

**MCHENRY COUNTY --- LAKE IN THE HILLS [42.18, -88.32]**

08/13/10 06:40 CST		0	Hail (0.88 in)
08/13/10 06:41 CST		0	Source: Trained Spotter

**WINNEBAGO COUNTY --- 2.6 WNW WEMPLETON [42.36, -89.25]**

08/13/10 15:07 CST		0	Thunderstorm Wind (EG 55 kt)
08/13/10 15:07 CST		0	Source: Law Enforcement

A tree was blown down near Route 70 and Winnebago Road.

**BOONE COUNTY --- 1.0 E HUNTER [42.43, -88.85]**

08/13/10 16:12 CST		0	Thunderstorm Wind (EG 55 kt)
08/13/10 16:12 CST		0	Source: Broadcast Media

A tree was blown down near Hunter Road and Route 76, blocking both lanes.

**WINNEBAGO COUNTY --- 0.1 SW SAMUELSON CORNERS [42.30, -89.03], 0.2 ESE SAMUELSON CORNERS [42.30, -89.03], 2.4 ENE EAST ROCKFORD [42.26, -89.03], 2.1 ENE EAST ROCKFORD [42.26, -89.03]**

08/13/10 16:12 CST		0	Flood (due to Heavy Rain)
08/13/10 19:00 CST		0	Source: Amateur Radio

Standing water was reported on Alpine Road between Spring Creek Road and State Street. Rainfall amounts included 2.50 inches near Winnebago Road and US20 in Rockford and 3.50 inches in Machesney Park.

**KANE COUNTY --- 2.5 WSW HAMPSHIRE [42.09, -88.58], 0.7 SSW HAMPSHIRE [42.09, -88.54], 1.1 SSW HAMPSHIRE [42.08, -88.54], 2.6 WSW HAMPSHIRE [42.08, -88.58]**

08/13/10 18:33 CST		0	Flood (due to Heavy Rain)
08/13/10 21:00 CST		0	Source: Trained Spotter

Standing water and full ditches were reported along Route 72, west of Hampshire.

**KANE COUNTY --- 1.1 W NORTH AURORA [41.80, -88.35], 0.5 W MARYWOOD [41.80, -88.29], 1.1 SSW MARYWOOD [41.79, -88.29], 0.3 NNW LOVEDALE [41.78, -88.35]**

08/13/10 18:55 CST		0	Flood (due to Heavy Rain)
08/13/10 21:00 CST		0	Source: Trained Spotter

Up to four inches of standing water was reported on roads south of Interstate 88 in Aurora.

**Strong to severe thunderstorms moved across parts of northern Illinois during the afternoon hours of August 13th.**

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### INDIANA, Northwest

<b>LAKE COUNTY --- 2.2 NW WHITING [41.71, -87.52], 1.4 N (GYY)GARY MUNI ARPT [41.64, -87.42], 1.5 E GARY [41.62, -87.32], 0.8 WSW OGDEN DUNES [41.62, -87.26], 1.4 SE LEROY [41.35, -87.26], 0.5 NW BRUNSWICK [41.39, -87.53]</b>				
	08/03/10 05:30 CST		0	Flash Flood (due to Heavy Rain)
	08/03/10 10:00 CST		0	Source: Trained Spotter

Heavy rain created street flooding in many areas across north central Lake County including Ruth Street at 77th Street in Schererville; 122nd Avenue in Crown Point and the intersection of 106th Avenue and Baker in Crown Point. Bell Road and 87th Avenue was also flooded in St. John. Storm total rainfall amounts included 3.52 inches three miles west southwest of Crown Point; 2.76 inches two miles east northeast of St. John; 2.04 inches one mile west southwest of Dyer and 1.91 inches about a mile and half east southeast of Merrillville.

**Heavy rain fell across parts of northwest Indiana during the morning hours of August 3rd producing flash flooding.**

<b>LAKE COUNTY --- 1.5 SW TRIANGLE ARPT [41.48, -87.50], 0.9 WNW NEW ELLIOTT [41.48, -87.44], 1.3 SSE LAKE HILLS [41.45, -87.44], 1.7 W ST JOHN [41.45, -87.50]</b>				
	08/04/10 06:37 CST		0	Flood (due to Heavy Rain)
	08/04/10 09:00 CST		0	Source: NWS Employee

Four inches of water was reported covering roads southwest of Schererville.

<b>PORTER COUNTY --- 1.0 SE PORTAGE [41.57, -87.19]</b>				
	08/04/10 06:48 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/10 06:48 CST		0	Source: Trained Spotter

Wind gusts were estimated to 60 mph. Lawn chairs and patio furniture were overturned.

<b>PORTER COUNTY --- 1.2 W VALPARAISO [41.47, -87.07]</b>				
	08/04/10 07:00 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/10 07:00 CST		0	Source: Emergency Manager

A one foot diameter tree was blown down near Joliet Road and Route 130.

**Strong to severe thunderstorms moved across parts of northwest Indiana during the morning hours of August 4th.**

### LAKE MICHIGAN

<b>WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.90, -87.60]</b>				
	08/04/10 06:10 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	08/04/10 06:10 CST		0	Source: C-MAN Station

<b>GARY TO BURNS HARBOR IN COUNTY --- 3.5 W BURNS HARBOR [41.65, -87.15]</b>				
	08/04/10 06:40 CST		0	Marine Thunderstorm Wind (MG 40 kt)
	08/04/10 06:40 CST		0	Source: C-MAN Station

**Strong to severe thunderstorms moved across parts of southern Lake Michigan during the morning hours of August 4th.**

<b>BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.72, -86.90]</b>				
	08/13/10 21:10 CST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/13/10 21:10 CST		0	Source: C-MAN Station

**Strong to severe thunderstorms moved across parts of southern Lake Michigan during the afternoon of August 13th.**