



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, Northeast

Will County

5 NE Lockport **02** **1440CST**
1450CST **0** **0** **Hail(0.88)**
 10 minutes of nickel-sized hail in Homer Glen.

Will County

5 NE Lockport **02** **1440CST** **0** **0** **Thunderstorm Wind (EG50)**
 12 inch diameter tree limbs reported down in Homer Glen.

Livingston County

3 SE Streator **03** **0010CST** **0** **0** **Hail(1.75)**

Ogle County

Mt Morris to Byron **03** **1950CST**
2020CST **0** **0** **Thunderstorm Wind (EG55)**
 Trees and power lines were reported knocked down by strong wind gusts from Mt. Morris to Oregon and Byron.

Winnebago County

Rockford **03** **1955CST** **0** **0** **Thunderstorm Wind (EG50)**
 Power lines and small trees reported to be torn down by strong winds in the northwest side of Rockford.

Lee County

Dixon **03** **2000CST**
2020CST **0** **0** **100K** **Thunderstorm Wind (EG50)**
 Numerous trees and power lines were knocked down in the southern portion of Dixon. The Mendota Hills Campground on Rt. 52 between Amboy and Sublette reported damage to 12 trailers. 3 of which were thrown into a lake. 20% of the parks trees were knocked down.

Winnebago County

Winnebago **03** **2010CST** **0** **0** **Thunderstorm Wind (EG50)**
 Several trees reported to be knocked down by strong winds on Elevator Rd. north of Rockford and south of Roseo

ILZ003>004-013-021

Winnebago - Boone - Du Page - Grundy
03 **2020CST** **0** **0** **Flood**
04 **0045CST**
 Moderate flooding reported on the south side of Rockford and in southern Winnebago County

De Kalb County

Countywide **03** **2030CST**
2100CST **0** **0** **10K** **Thunderstorm Wind (EG56)**
 Numerous trees, large limbs and powerlines down were reported down.
 A large tree branch fell on a car in Cortland causing significant damage.

La Salle County

Peru to Ottawa **03** **2035CST**
2115CST **0** **0** **Thunderstorm Wind (EG56)**
 Tree branches reported down near Peru. In Ottawa, several large tree limbs down on Poplar St., north of U.S. Hwy. 6, power was out and a mailbox was blown over.

Kane County

Countywide **03** **2045CST**
2100CST **0** **0** **Thunderstorm Wind (EG55)**
 Power line and trees were reported to be knocked down throughout the county by emergency management.
 Numerous trees and power lines were knocked down throughout Batavia, Aurora and North Aurora



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ILLINOIS, Northeast

Kendall County

Countywide	03	2055CST 2150CST			0	0			Thunderstorm Wind (EG55)
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Thunderstorm wind damage was reported throughout the county.

Power line down and power outage reported in Newark
 Trees down at Fox River Dr. and Fox Rd., 3 miles south of Plano
 Power lines down in downtown Plano
 Power lines down 1 mile east of Plano
 Trees down on road at River and Eldamain Rds, 2 miles southeast of Plano
 Power lines down on Tuma Rd., 1 mile east of Yorkville
 Power lines down and Public Safety Center lost power, 1 mile west of Yorkville
 Power lines down on Plainfield Rd. and Rt. 71 in Oswego
 Trees down on Minkler Rd., 3 miles southeast of Oswego
 Power lines down and all power out in Lisbon
 Power lines down on Chicago Rd. in Little Rock

Grundy County

Mazon to Morris	03	2100CST 2110CST			0	0			Thunderstorm Wind (EG55)
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A car port/canopy was pulled out of the ground and blown over in Mazon and large tree limbs and power lines were reported down in Morris.

Will County

Countywide	03	2107CST 2135CST			0	0			Thunderstorm Wind (EG60)
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Large tree limbs reported down at Boughton Rd and Weber Rd. in Bolinbrook
 60 kt wind gust reported at NWS office in Romeoville
 Tents and tables blown over at festival site in Romeoville
 Large tree limbs down at Rt. 30 and Rt. 59 in Plainfield
 Large tree limbs reported down in Joliet
 10 inch diameter trees knocked down in Crest Hill
 Large tree limbs and power lines knocked down and power outages in Romeoville
 Est. 52 kt wind reported at Silver Cross Hospital in Joliet
 Large tree reported knocked down 4 miles east of Joliet
 Large tree limbs down and estimated 52 kt wind gust at Frankfort
 Large tree limbs and power lines down throughout the southeast side of Naperville.

Du Page County

Lombard	03	2110CST			0	0			Thunderstorm Wind (EG50)
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Large tree limbs reported down in Lombard

Du Page County

Downers Grove	03	2117CST			0	0			Thunderstorm Wind (EG52)
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52 kt wind gust measured by unofficial weather equipment.

Cook County

Chicago	03	2140CST			0	0			Thunderstorm Wind (EG50)
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5 inch diameter tree limbs down at Ashland Ave. and Grand Ave.

Kankakee County

Countywide	03	2153CST 2230CST			0	0			Thunderstorm Wind (EG50)
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A large tree, about 2 feet in diameter, was split in half on East Maple St. in Kankakee. Tree limbs and power lines were reported down in Kankakee, Bourbonnais, Manteno and Aroma Park..



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ILLINOIS, Northeast

In the evening of August 3, a stationary frontal boundary was set up across the Michigan-Indiana border, the southern tip of Lake Michigan and the Illinois-Wisconsin border. A warm, humid airmass was present south of the front. Lines of thunderstorms developed in the early evening over northern Iowa and moved rapidly southeastward. By 6:30 PM CST, lines of strong thunderstorms crossed the Mississippi River into northwestern Illinois. These lines of storms swept quickly eastward across northern Illinois and southern Lake Michigan and entered northwestern Indiana by around 10:00 PM CST. The primary threat from these storms was strong winds, with gusts up to 60 kts, and caused a significant amount of damage, particularly to trees and powerlines. A few reports of large hail were noted, the largest being 1.75 inches near Streator in Livingston County, Illinois.

Will County									
5 S Naperville	17	1610CST 1615CST			0	0			Hail(0.75)
Hail reported at 111th St. and Rt. 59.									
Will County									
Plainfield	17	1611CST 1616CST			0	0			Hail(0.88)
Will County									
5 N Plainfield	17	1615CST			0	1			Lightning
Lightning struck and injured 1 person at 119th St. and Book Rd. about 5 miles north of Plainfield.									
Cook County									
Chicago Ridge	17	1645CST 1650CST			0	0			Hail(0.88)
Du Page County									
Naperville	17	1652CST 1657CST			0	0			Hail(0.75)
Cook County									
Oak Lawn	17	1700CST 1705CST			0	0			Hail(0.75)
Hail reported at 95th St. and Pulaski Rd.									
Cook County									
Chicago	17	1705CST 1710CST			0	0			Hail(0.88)
Hail reported at the Dan Ryan Expressway and 87th St.									
Grundy County									
2 W Morris	17	1713CST			0	0			Hail(0.75)
Cook County									
Tinley Park	17	1800CST			0	0	10K		Lightning
Lightning struck and burned the upper level of a house at Stonegate Dr. in Tinley park									
Ford County									
Kempton	17	1907CST 1920CST			0	0			Thunderstorm Wind (EG50)
Numerous trees and power lines were knocked down.									
De Kalb County									
3 S De Kalb	24	1650CST 1655CST			0	0			Hail(1.75)
De Kalb County									
7.1 SE De Kalb to 8.2 SE De Kalb	24	1655CST 1700CST	2.8	100	0	0	20K	5K	Tornado (F0)

This tornado occurred 1/4 mile south of the intersection of Somonauk and Perry Rds. This is about 7.1 miles southeast of De Kalb. The tornado damaged corn and then crossed Perry Rd. about 1/2 mile east of Somonauk Rd. At a farmstead on the south side of the road, the roof of an old silo was taken off and tree branches were down. North of Perry Rd., a barn door was blown in. About 100 yards to the east, there was damage to lawn furniture and tree limbs. The tornado continued east northeast, damaging corn. A large



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ILLINOIS, Northeast

tree limb was blown down at Hinkley Rd., about 1/4 mile north of Perry Rd. The tornado ended on Pritchard Rd., between Perry and Keslinger Rds., or about 8.2 miles southeast of De Kalb.

McHenry County

3.2 WSW Mc Henry	24	1710CST 1712CST	0.8	20	0	0	30K		Tornado (F0)
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Emergency management reported a tornado about 3.2 miles west southwest of Mc Henry. The tornado caused damage to model homes in the Legend Lakes subdivision, near Draper Rd. A garage door was blown in, a window was blown out and siding was damaged. A newly planted tree was uprooted. North of the subdivision, the tornado peeled off sections of roofing from a cattle barn and damaged trees. There was also minor tree damage on Round Up Rd. There was no further damage, but a witness described the tornado at a quarry on Rt. 120 west of Draper Rd.

Kane County

2.5 WSW Hampshire to 2.5 WNW Hampshire	24	1713CST 1714CST	0.1	10	0	0			Tornado (F0)
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A trained spotter reported a brief tornado about 2.5 miles northwest of Burlington, or 2.5 miles west southwest of Hampshire, in rural northwest Kane County. There was no damage.

Kane County

5.2 N Elburn to 5.3 N Elburn	24	1721CST 1722CST	0.1	10	0	0			Tornado (F0)
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A trained spotter reported a brief tornado near Rt. 47 and Silver Glen Rd., about 5.2 miles north of Elburn. There was no damage.

Kane County

Elgin	24	2215CST 2220CST			0	0			Hail(1.00)
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During the afternoon of August 24, an upper level low pressure system was over eastern Iowa and a warm front was moving northward through northern Illinois. Following the passage of the warm front, shortly before 5:00 PM CST, an area of thunderstorms began to develop over DeKalb County. By 5:00 PM CST, these storms had produced hail up to 1.75 inches and a tornado about 7 miles southeast of DeKalb. The storms continued to move northeastward over Boone and northern Kane Counties and into McHenry County. Between 5:00 PM and 5:30 PM CST, 3 additional tornadoes touched down in Kane and McHenry Counties. The tornado damage was surveyed by NWS and Northern Illinois University meteorologists and determined that there were 4 tornadoes. All were rated F0 with winds of 40 to 72 mph.

ILZ033

Iroquois		25 1900CST 26 0500CST			0	0			Flood
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Flooding of viaduct on Rt. 1 at Milford.

Ogle County

Polo	26 27	2350CST 2350CST			0	0			Thunderstorm Wind (EG50)
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A 4 inch diameter tree was snapped off.

Ogle County

Davis Jct	27	0000CST 0015CST			0	0			Thunderstorm Wind (EG50)
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Tree limbs and power lines were down over the east-central portion of Ogle County in and around Davis Junction.

Winnebago County

Rockford to Roscoe	27	0020CST 0030CST			0	0			Thunderstorm Wind (EG50)
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Widespread tree limbs down and power outages.

Boone County

Countywide	27	0050CST			0	1			Thunderstorm Wind (EG50)
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ILLINOIS, Northeast

0100CST

Widespread reports of tree limbs and power lines down throughout the county. A tree fell on a trailer causing 1 injury

**Mchenry County
Countywide**

27	0058CST 0115CST				0	0			Thunderstorm Wind (EG50)
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Widespread reports of large tree limbs and power lines down.

**Kane County
Sleepy Hollow**

27	0115CST 0130CST				0	0			Thunderstorm Wind (EG50)
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Tree limbs and power lines were down around Sleepy Hollow.

**Lake County
Countywide**

27	0115CST 0130CST				0	0			Thunderstorm Wind (EG50)
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Widespread reports of tree limbs and power lines down in and around the cities of Fox Lake, Round Lake, Wadsworth and Lindenhurst.

**Will County
Joliet**

27	0200CST 0215CST				0	0			Thunderstorm Wind (EG50)
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A 12 inch diameter tree limb was knocked down.

**Du Page County
Downers Grove**

27	0215CST 0230CST				0	0			Thunderstorm Wind (EG50)
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A few large trees were uprooted or snapped at the base and limbs were down in an area about 5 blocks long and 1 block wide, centered around Belmont Ave. and 60th St.

During the early morning hours of August 27, a cold front extended from central Wisconsin through central Iowa. By 12:00 AM CST, a line of thunderstorms that had formed earlier in the evening had moved into northern Illinois. Strong wind gusts associated with this line of storms produced widespread damage to trees and powerlines as it tracked eastward through the northern tier counties.

**Livingston County
Dwight**

28	0051CST 0100CST				0	0			Thunderstorm Wind (EG50)
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Many trees and power lines were down throughout the city of Dwight.

**Grundy County
Central Portion**

28	0100CST 0140CST				0	0	50K		Thunderstorm Wind (EG50)
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Many trees, tree limbs and power lines were reported down in the area from 2 miles northeast of Morris to Mazon.

**Mchenry County
Countywide**

28	0100CST 0145CST				0	0	150K		Thunderstorm Wind (EG55)
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Numerous reports of tree and power line damage, particularly over eastern portions of the county.

A downed power line set fire to a tree at Rt. 31 and Maple Ave. in McHenry.
McCullom Lake Rd. in Johnsburg was closed due to debris in road.
A tree with a gas like tangled in roots was knocked down and caused a gas leak
Over 100 trees were knocked down in Wonder Lake.
Woodstock St. in Huntley was closed due to a downed tree.
Several streets were closed in Alden Twp. due to downed trees
Lightning set fire to a garage on Riverside Dr. in Crystal Lake, destroying a vehicle.
The rood was torn off a barn on Barnyard Mill Rd. near Wonder Lake.
Bleachers were damaged at Richmond-Burton High School



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ILLINOIS, Northeast

Cook County

Evanston	28	0130CST			0	0	20K		Lightning
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A house was struck by lightning on Monroe St. causing a gas line to explode.

Grundy County

3 N Morris	28	0139CST 0445CST			0	0			Flash Flood
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6 to 8 inches of running water was reported on Rt. 47 in Morris and on Airport Rd, 3 miles north of Morris.

Kendall County

Lisbon	28	0155CST 0200CST			0	0			Hail(0.75)
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Will County

Romeoville to Crest Hill	28	0155CST 0215CST			0	0			Thunderstorm Wind (EG52)
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Several reports of wind damage were observed from Romeoville, through Plainfield to Crest Hill. In particular, large tree limbs were reported down at Rt. 59 and Black Rd. in Plainfield.

ILZ014-019-022

Cook - La Salle - Will

28	0210CST 0710CST			0	0				Flood
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Widespread street flooding was observed in the "Wrigleyville" area of Chicago. A trained spotter reported 2.75 inches of rainfall in a short period of time. Also, 4 feet of standing water and basement flooding was observed in the Avondale neighborhood of Chicago and Interstate 80 at Torrence Ave. in Lansing, was shut down due to flooding

La Salle County

Marseilles	28	0215CST 0230CST			0	0			Thunderstorm Wind (EG50)
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Trees were blown down on Rt. 6, near Marseilles.

Du Page County

Willowbrook	28	0230CST 0530CST			0	0			Flash Flood
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A creek was flowing over the streets near Midway Rd. and 83rd St. in the southwest side of Willowbrook. Also, Rt. 355 at 75th St. in Woodridge was shut down due to flooding

During the early morning hours fo August 28, a stationary front was draped over the southern tip of Lake Michigan and northern Illinois. Shortly after midnight, showers and thunderstorms had developed over northeastern Iowa and spread eastward into northern Illinois. These storms produced widespread wind damage which was confined to locations generally along and north of Interstate 80, however, most of the damage was concentrated in McHenry County.

INDIANA, Northwest

Lake County

Countywide	03	2154CST 2215CST			0	0			Thunderstorm Wind (EG52)
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Power lines were reported to be down throughout the county by emergency management

Large tree limbs were reported down in Hobart.

A 52 kt wind gust was estimated by a trained spotter in Munster.

Porter County

Countywide	03	2200CST 2230CST			0	0			Thunderstorm Wind (EG50)
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Large trees were reported down throughout northern portions of Porter County.

Jasper County

Wheatfield	03	2215CST			0	0			Thunderstorm Wind (EG50)
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Power lines were reported down.



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INDIANA, Northwest

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Jasper County

4 SE Wheatfield	09	1925CST			0	0			Thunderstorm Wind (EG50)
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Numerous large tree limbs down at the Jasper-Pulaski Fish and Wildlife area.

Jasper County

Remington	26	0430CST			0	0	50K		Lightning
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A business was struck by lightning and suffered fire and smoke damage.

Lake County

Hammond	28	0100CST 0130CST			0	0			Thunderstorm Wind (EG50)
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Tree limbs and power lines were knocked down.

INZ001-010

Lake - Newton	28	0400CST 2245CST			0	0			Flood
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High water was reported on Interstate 80 in Hammond.

LAKE MICHIGAN

LMZ741

Harrison-Dever Crib	03	2145CST			0	0			Marine Tstm Wind (MG56)
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A gust of 56 kt was measured at the Harrison-Deaver Crib, 3 miles offshore of downtown Chicago.

In the evening of August 3, a stationary frontal boundary was set up across the Michigan-Indiana border, the southern tip of Lake Michigan and the Illinois-Wisconsin border. A warm, humid airmass was present south of the front. Lines of thunderstorms developed in the early evening over northern Iowa and moved rapidly southeastward. By 6:30 PM CST, lines of strong thunderstorms crossed the Mississippi River into northwestern Illinois. These lines of storms swept quickly eastward across northern Illinois and southern Lake Michigan and entered northwestern Indiana by around 10:00 PM CST. The primary threat from these storms was strong winds, with gusts up to 56 kts observed at the Harrison-Dever Crib, 3 miles off shore, east of downtown Chicago.

LMZ746

Michigan City	09	1730CST			0	0			Marine Tstm Wind (MG57)
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LMZ746

Michigan City	17	1705CST			0	0			Marine Tstm Wind (MG60)
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LMZ746

Michigan City	17	1835CST			0	0			Marine Tstm Wind (MG50)
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LMZ741

Harrison-Dever Crib	27	0210CST 0225CST			0	0			Marine Tstm Wind (MG38)
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LMZ741

Harrison-Dever Crib	27	0420CST 0425CST			0	0			Marine Tstm Wind (MG44)
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Thunderstorm wind gusts measured at the Harrison-Dever Crib, 3 miles east of Chicago.