



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estimated Damage Property Crops	Character of Storm	July 2004
ILLINOIS, Northeast									
Cook County		1 120 CCT							
Alsip	03 Large	1430CST e limbs were torn o	off of trees.		0	0		Thunderstorm V	Vind (EG50)
Cook County Lyons	03 A larg	1430CST ge tree was knock	ed over on Jol	liet Ave.	0	0		Thunderstorm W	Vind (EG50)
Du Page County Lombard	03	1440CST 1445CST			0	0		Hail(0.75)	
Livingston County Fairbury	09	1440CST 1445CST			0	0		Hail(1.00)	
Ogle County Polo	13	1037CST 1042CST			0	0		Hail(1.00)	
Lee County 6 NW Dixon to 1 S Sublette	13	1040CST 1132CST			0	0		Hail(4.00)	
	2.00 a 1.00 i 2.75 i 0.88 i	inches in diameter and 1.25 inch hail inch hail in Ambo inch hail in Ambo inch hail 6 miles s inch hail in Dixon	was observed y y by law enfo	in the town	_	ent I mile s	outh of Sublette.		
Lee County Amboy	13 Wind	1120CST gust was estimate	ed by a trained	l spotter.	0	0		Thunderstorm V	Vind (EG52)
Lee County 5 SW Amboy		1135CST of was blown off to Knoll and Rocky		f a house and	0 d into a bar	0 n. Many r	20K ows of corn were kn	Thunderstorm Vocked down. These e	
La Salle County Mendota	13 Sever	1144CST 1156CST	hail up to 1.	75 inches we	0 re observed	0 in Mendot	a by trained spotters	Hail(1.75)	
La Salle County			, - _F				y		
2 NW Peru to Peru	13 Wind	1210CST 1215CST gust estimated by	co-on observ	ver knocking	down trees	0		Thunderstorm V	Vind (EG70)
La Salle County		. g		,	,				
Utica to 5 WSW Kangley	13 A swa	1220CST 1305CST ath of bail cut acre	oss I a Salle co	ounty from N	0 Jorth Utica t	0 to 5 miles V	WSW of Kangley Th	Hail(2.75) the following reports we	ere received:
	1.75 i 0.75 i 1.25 i 0.75 i 1.00 i	inch hail at North inch hail at South inch hail 2 miles e inch hail at Leono inch hail 3 miles S	Utica Utica ast of Leonore re W of Grand F	e Ridge		o o nines (or Kangley. III	e following reports wi	ere received.

2.00 inch hail 5 miles W of Streator at County Road 18.





		Time Local/	Path Length	Path Width	Number Person		Estimated Damage	July 2004		
Location	Date	Standard	(Miles)	(Yards)		Injured	Damage Property Crops	Character of Storm		
ILLINOIS, Northeast										
	1.75 inch hail at Streator 2.75 inch hail 5 miles WSW of Kangley									
La Salle County 2 E Leonore	13 Large l	1240CST limbs torn off of tro	ees by strong	wind gusts.	0	0		Thunderstorm Wind (EG50)		
La Salle County 2 S Ottawa	13	1254CST 1259CST			0	0		Hail(1.25)		
Livingston County Manville	13	1309CST 1314CST			0	0		Hail(1.75)		
La Salle County Streator	13 Power	1315CST 1320CST lines were torn do	wn and large	limbs were to	0 orn off of tre	0 ees. Tree	es up to 12 inches in di	Thunderstorm Wind (EG60) ameter were knocked down.		
Livingston County 5 NW Manville	13 a co-op	1320CST 1325CST o observer located	1 mile south	of Streator, o	0 r 5 miles nor	0 rthwest o	of Manville reported 2	Hail(2.00) .00 inch hail.		
Livingston County Chatsworth	13	1345CST 1350CST			0	0		Hail(1.00)		
Livingston County 3 SE Forrest	13	1350CST 1355CST			0	0		Hail(1.00)		
Iroquois County Loda	13 Large l	1400CST	ees.		0	0		Thunderstorm Wind (EG55)		
Ford County 3 W Paxton to Paxton	13 1412CST 0 0 100K Thunderstorm Wind (EG70) There was widespread damage from the west side of Paxton where small and medium size tree limbs were down to about State Road 115, 4 miles west of Paxton. Numerous large limbs were down, some large trees snapped or uprooted. Shed roofs and doors were torn off and barns collapsed. A building was damaged at the airport west of town. Damage extended several miles north and south of State Road 9, but the worst damage appeard to be along State Road 9 between County Roads 1500 and 1700.									
	On the morning of July 13, an isolated supercell thunderstorm developed over northwestern Illinois. During the late morning and early afternoon hours, this storm tracked southeastward, strengthened and developed into a cluster of strong storms. The storm cluster moved through Ogle, Lee, La Salle, Livingston and Ford Counties. Lee and La Salle Counties were primarily hit with large hail. By the time the storms got to southern Ford County, strong winds were the major concern.									
Ogle County Chana	21 Trees k	0850CST knocked down by s	strong wind g	gusts.	0	0		Thunderstorm Wind (EG50)		
Ogle County Kings	21 Large l	0900CST	ees.		0	0		Thunderstorm Wind (EG50)		





		Time Local/	Path Length	Path Width	Numbe Perso	r of	Estimated Damage	July 2004
Location	Date	Standard	(Miles)	(Yards)	Killed		Property Crops	Character of Storm
ILLINOIS, Northeast								
Ogle County Rochelle	21	0900CST			0	0		Thunderstorm Wind (EG50)
	Large	limbs torn off of	trees.					` ,
Kane County								
Montgomery	21 The h	1500CST 1505CST ail was reported a	at the intersec	tion of Rt. 30 a	0 and Rt. 31.	0		Hail(0.88)
Will County								
2 W Bolingbrook to Bolingbrook	21	1515CST 1520CST			0	0		Thunderstorm Wind (EG50)
		limbs were report yce Rd. and Cond		ne intersection	of Boughtor	Rd. and V	Veber Rd and trees	s were knocked down at the intersection
Will County								
Plainfield to Plaines	21	1518CST			0	0		Thunderstorm Wind (EG50)
	A tree	e fell on to a power	er line.					
Du Page County		1 520 CCT						TI 1 (W. 1 (DC(0))
Naperville	21	1520CST 1530CST			0	0		Thunderstorm Wind (EG60)
	A 24	inch diameter tree	e was knocke	d down and a 1	2 inch branc	ch was torn	from a tree.	
Kendall County								
3 E Yorkville	21	1525CST 1530CST			0	0		Hail(0.75)
Will County								
Romeoville	21	1526CST 1531CST			0	0		Hail(0.88)
	The h	ail was observed	Interstate 55	and Budler Rd.				
Du Page County								
Woodridge	21 Tree l	1533CST limbs were down	at the intersec	ction of Rt. 53	0 and 75th St.	0		Thunderstorm Wind (EG50)
Cook County								
Lemont	21	1535CST			0	0		Thunderstorm Wind (EG55)
	Trees	were knocked do	own on Main S	St. between Co	rtland Rd. a	nd Rt. 83.		
Du Page County								
Willowbrook	21 Large	1542CST tree limbs were	reported down	near Interstate	0 e 55 and Rt.	0 83.		Thunderstorm Wind (EG60)
Cook County								
Chicago	21	1555CST 1600CST			0	0		Hail(0.75)
	Large	hail was reported	d near the inte	ersection of 64t	h St. and Ma	aple Ave.		
Cook County								
Chicago Hgts	21 Large	1558CST tree limbs were i	reported dowr	1	0	0		Thunderstorm Wind (EG50)
Cook County	Luige	mios were i	ported dowl	-				
Alsip	21	1600CST			0	0		Thunderstorm Wind (EG60)
-	Large	limbs, several tro	ees and flag p	oles were knoc	ked down.			, ,
Cook County								
Burbank	21 Large	1600CST tree limbs, trees,	power line as	nd power poles	0 were knock	0 ted down.		Thunderstorm Wind (EG60)
Cook County								
Chicago Lawn to	21	1600CST			0	0		Thunderstorm Wind (EG60)



Highland

Lake County 1 E Gary 21

21

National Weather Service Storm Data and Unusual Weather Phenomena



July 2004 Time Local/ Path Length Path Number of Estimated Width Persons Damage **ILLINOIS**, Northeast Chicago Large tree limbs were down near 64th St. and Maple Ave. **Cook County** Bridgeview 21 1601CST Thunderstorm Wind (EG60) A 7 inch diameter tree was snapped in half at 87th St. and Roberts Rd. During the morning hours of July 21, a cold front extended from northcentral Wisconsin through northwestern Iowa. Ahead of the cold front a very humid, unstable airmass had set up. By late morning, a small cluster of thunderstorms had developed over northwestern and northcentral Illinois. By early afternoon, more thunderstorms developed over northeast Illinois. A small area of strong thunderstorms initially developed over Kane and western Will Counties and rapidly developed into a line of severe storms over the Chicago metro area. The line of storms rapidly moved through Du Page, Cook and Will Counties and into northwestern Indiana. These storms left a path of wind damage over southern portions of the Chicago metro area and into rural sections of northwestern Indiana. Strong wind gusts were measured by coastal observing stations of Lake Michigan. There were also isolated reports of penny to nickel sized hail. **Grundy County** 4 W Morris 22 $\mathbf{0}$ Hail(0.75) Will County 1255CST Plainfield Thunderstorm Wind (EG50) Large tree limbs knocked down near Bronk Rd. and Caton Farm Rd. Will County Crest Hill 1300CST 0 Thunderstorm Wind (EG50) Large tree limbs down on Gaylord St., south of Division St. Will County Joliet Thunderstorm Wind (EG55) 8 inch diameter tree limbs torn down at the intersection of Ridge Rd. and Manhattan Rd., west of Rt. 52. **Kendall County** 3 NE Yorkville 22 0 Thunderstorm Wind (EG50) Power lines knocked down on Winding Creek and Oak Creek Rds, near Rt. 71 between Yorkville and Oswego INDIANA, Northwest **Lake County** Hobart Thunderstorm Wind (EG50) Power lines were torn down. Large tree limbs and moderate sized trees were broken off and on top of houses Lake County Griffith Thunderstorm Wind (EG50) 0 Power lines and large tree branches were down across the city. **Lake County**

Trees, limbs and power lines were reported down.

1627CST

Street flooding up to the curbs with portions of 45th St. impassible.

0

Flash Flood

Thunderstorm Wind (MG65)



LMZ745

Michigan City

National Weather Service Storm Data and Unusual Weather Phenomena



July 2004 Time Local/ Path Length Path Number of Estimated Width Persons Damage INDIANA, Northwest **Porter County Beverly Shrs** 21 1635CST 0 0 Thunderstorm Wind (EG60) A 20 foot tree was knocked down and blocked a road at the Indiana Dunes National Seashore **Porter County Porter** 21 1635CST 0 0 Thunderstorm Wind (EG50) Tree limbs and power lines were knocked down. **Newton County** 1 N Lake Vlg 1715CST 0 Thunderstorm Wind (EG50) Trees were down on State Road 10, near Lake Village. **Jasper County** Rensselaer 21 Hail(1.00) Lake County Merrillville 21 1725CST Thunderstorm Wind (EG50) Trees were damaged and a traffic light was broken on Rt. 30. **Newton County** Thunderstorm Wind (EG50) Morocco 21 1725CST 0 Trees were knocked down on 114th St. **Jasper County** 2 NW Remington Hail(0.75) 21 0 **Jasper County** Wheatfield 21 1750CST 0 Thunderstorm Wind (EG50) Numerous trees were reported to be knocked down. During the morning hours of July 21, a cold front extended from northcentral Wisconsin through northwestern Iowa. Ahead of the cold front, a very humid, unstable airmass had set up. By early afternoon, more thunderstorms began to develop over northeastern Illinois. A small area of strong thunderstorms initially developed over the western Chicago suburbs and rapidly developed into a line of severe storms extending over the rest of the metro area. The line of storms rapidly moved eastward into northwestern Indiana. These storms left a path of wind damage over southern and southeastern portions of the Chicago metro area and into rural sections of northwestern Indiana. Strong wind gusts were measured by coastal observing stations of Lake Michigan. There were also isolated reports of up to 1 inch diameter hail. **Jasper County** 2 S Demotte Thunderstorm Wind (EG50) Numerous large tree limbs down on County Rd. 1000N and in the Tanglewood subdivisior. **LAKE MICHIGAN LMZ741** Wilmette Hbr To Meigs Field II 1400CST 1500CST Harrison-Dever Crib 0 0 Marine Tstm Wind (MG47) 03 Burn Hbr To Michigan City In 1500CST Marine Tstm Wind (MG37) Michigan City **LMZ746** Michigan City In To New Buffalo Mi 1500CST 0 Marine Tstm Wind (MG37) Michigan City LMZ741 Wilmette Hbr To Meigs Field II Marine Tstm Wind (MG35) Harrison-Dever Crib

0

0

Marine Tstm Wind (MG51)

Burn Hbr To Michigan City In

1955CST

13





Location	Dete	Time Local/ Standard	Path Length (Miles)	Path Width	Number of Persons Killed Injured		Estimated Damage Property Crops		July 200 Character of Storm	2004
Location	Date	Standard	(IVIIIes)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	_
LAKE MICHIGAN										
		2000CST								
LMZ746	Michig	gan City In To N	ew Buffalo M							
Michigan City	13	1955CST 2000CST			0	0			Marine Tstm Wind (MG51)	
LMZ741	Wilme	ette Hbr To Meig	s Field II							
Harrison-Dever Crib	13	2000CST			0	0			Marine Tstm Wind (MG41)	
LMZ741	Wilme	ette Hbr To Meig	s Field II							
Harrison-Dever Crib	20	2000CST			0	0			Marine Tstm Wind (MG36)	
LMZ743	Calun	net Hbr II To Ga	ry In							
Buffington Harbor	21	1614CST			0	0			Marine Tstm Wind (MG52)	
	Wind	measured at the T	rump Casino l	ooat.						
LMZ745	Burn l	Hbr To Michigai	ı City In							
5 SW Michigan City	21	1635CST			0	0	20K		Marine Tstm Wind (EG60)	
	A boa	t capsized 100 ya	rds off of the E	Beverly Shor	es beach.					
LMZ745	Burn l	Hbr To Michigai	ı City In							
Michigan City	21	1650CST			0	0			Marine Tstm Wind (MG65)	
LMZ746	Michi	gan City In To N	ew Buffalo M	i						
Michigan City	21	1650CST			0	0			Marine Tstm Wind (MG65)	
LMZ741	Wilmette Hbr To Meigs Field II									
Harrison-Dever Crib	22	1240CST			0	0			Marine Tstm Wind (MG39)	