ILLINOIS, Northeast

Cook County

Alsip

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alsip</td>
<td>03</td>
<td>1430CST</td>
<td>Thunderstorm Wind (EG50)</td>
</tr>
</tbody>
</table>

Large limbs were torn off of trees.

Lyons

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lyons</td>
<td>03</td>
<td>1430CST</td>
<td>Thunderstorm Wind (EG50)</td>
</tr>
</tbody>
</table>

A large tree was knocked over on Joliet Ave.

Du Page County

Lombard

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lombard</td>
<td>03</td>
<td>1440CST to 1445CST</td>
<td>Hail(0.75)</td>
</tr>
</tbody>
</table>


Livingston County

Fairbury

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairbury</td>
<td>09</td>
<td>1440CST to 1445CST</td>
<td>Hail(1.00)</td>
</tr>
</tbody>
</table>


Ogle County

Polo

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polo</td>
<td>13</td>
<td>1037CST to 1042CST</td>
<td>Hail(1.00)</td>
</tr>
</tbody>
</table>


Lee County

6 NW Dixon to 1 S Sublette

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dixon</td>
<td>13</td>
<td>1004CST to 1015CST</td>
<td>Hail(4.00)</td>
</tr>
</tbody>
</table>

A swath of hail cut across Lee County, beginning at 6 miles south of Polo or 6 miles northwest of Dixon, through Dixon, Amboy, Sublette to 1 mile south of Sublette. Large hail was observed throughout this path. The following reports were received:

- 4.00 inches in diameter, was observed by a Farm Service Agent 1 mile south of Sublette.
- 2.00 and 1.25 inch hail was observed in the town of Sublette.
- 1.00 inch hail in Amboy
- 2.75 inch hail in Amboy by law enforcement
- 0.88 inch hail 6 miles south of Polo
- 0.75 inch hail in Dixon

Lee County

Amboy

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amboy</td>
<td>13</td>
<td>1120CST</td>
<td>Thunderstorm Wind (EG52)</td>
</tr>
</tbody>
</table>

Wind gust was estimated by a trained spotter.

5 SW Amboy

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amboy</td>
<td>13</td>
<td>1135CST</td>
<td>Thunderstorm Wind (EG60)</td>
</tr>
</tbody>
</table>

A roof was blown off the addition of a house and into a barn. Many rows of corn were knocked down. These events occurred at Bryer Knoll and Rocky Ford.

La Salle County

Mendota

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mendota</td>
<td>13</td>
<td>1144CST to 1156CST</td>
<td>Hail(1.75)</td>
</tr>
</tbody>
</table>

Several reports of large hail, up to 1.75 inches were observed in Mendota by trained spotters

La Salle County

2 NW Peru to Peru

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peru</td>
<td>13</td>
<td>1210CST to 1215CST</td>
<td>Thunderstorm Wind (EG70)</td>
</tr>
</tbody>
</table>

Wind gust estimated by co-op observer, knocking down trees.

La Salle County

Utica to 5 WSW Kangley

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Time</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utica</td>
<td>13</td>
<td>1220CST to 1230CST</td>
<td>Hail(2.75)</td>
</tr>
</tbody>
</table>

A swath of hail cut across La Salle county from North Utica to 5 miles WSW of Kangley. The following reports were received:

- 1.75 inch hail at North Utica
- 0.75 inch hail at South Utica
- 1.25 inch hail 2 miles east of Leonore
- 0.75 inch hail at Leonore
- 1.00 inch hail 3 miles SW of Grand Ridge
- 2.00 inch hail 5 miles W of Streator at County Road 18.
ILLINOIS, Northeast

1.75 inch hail at Streator
2.75 inch hail 5 miles WSW of Kangley

La Salle County
2 E Leonore
13 1240 CST
0 0
Thunderstorm Wind (EG50)
Large limbs torn off of trees by strong wind gusts.

La Salle County
2 S Ottawa
13 1254 CST
0 0
Hail(1.25)

Livingston County
Manville
13 1309 CST
0 0
Hail(1.75)

La Salle County
Streator
13 1315 CST
0 0
Thunderstorm Wind (EG60)
Power lines were torn down and large limbs were torn off of trees. Trees up to 12 inches in diameter were knocked down.

Livingston County
5 NW Manville
13 1320 CST
0 0
Hail(2.00)
a co-op observer located 1 mile south of Streator, or 5 miles northwest of Manville reported 2.00 inch hail.

Livingston County
Chatsworth
13 1345 CST
0 0
Hail(1.00)

Livingston County
3 SE Forrest
13 1350 CST
0 0
Hail(1.00)

Iroquois County
Loda
13 1400 CST
0 0
Thunderstorm Wind (EG55)
Large limbs torn off of trees.

Ford County
3 W Paxton to Paxton
13 1412 CST
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 appeared 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 0850 CST
0 0
Thunderstorm Wind (EG50)
Trees knocked down by strong wind gusts.

Ogle County
Kings
21 0900 CST
0 0
Thunderstorm Wind (EG50)
Large limbs torn off of trees.
ILLINOIS, Northeast

Ogle County
Rochelle
21 0900CST
0 0
Large limbs torn off of trees.

Kane County
Montgomery
21 1500CST
0 0
The hail was reported at the intersection of Rt. 30 and Rt. 31.

Will County
2 W Bolingbrook to Bolingbrook
21 1515CST
0 0
Tree limbs were reported down at the intersection of Boughton Rd. and Weber Rd and trees were knocked down at the intersection of Royce Rd. and Concord Rd.

Will County
Plainfield to Plaines
21 1518CST
0 0
A tree fell on to a power line.

Du Page County
Naperville
21 1520CST
0 0
A 24 inch diameter tree was knocked down and a 12 inch branch was torn from a tree.

Kendall County
3 E Yorkville
21 1525CST
0 0
The hail was observed Interstate 55 and Budler Rd.

Will County
Romeoville
21 1526CST
0 0
The hail was reported near the intersection of 55th St. and Budler Rd.

Du Page County
Woodridge
21 1533CST
0 0
Tree limbs were down at the intersection of Rt. 53 and 75th St.

Cook County
Lemont
21 1535CST
0 0
Trees were knocked down on Main St. between Cortland Rd. and Rt. 83.

Du Page County
Willowbrook
21 1542CST
0 0
Large tree limbs were reported down near Interstate 55 and Rt. 83.

Cook County
Chicago
21 1555CST
0 0
Large hail was reported near the intersection of 64th St. and Maple Ave.

Cook County
Chicago Hghts
21 1558CST
0 0
Large tree limbs were reported down.

Cook County
Alsip
21 1600CST
0 0
Large limbs, several trees and flag poles were knocked down.

Cook County
Burbank
21 1600CST
0 0
Large tree limbs, trees, power line and power poles were knocked down.

Cook County
Chicago Lawn to
21 1600CST
0 0
Thunderstorm Wind (EG60)
ILLINOIS, Northeast

Chicago

Large tree limbs were down near 64th St. and Maple Ave.

Cook County

Bridgeview

21 1601CST 0 0 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 1235CST 1240CST 0 0 Hail(0.75)

Will County

Plainfield

22 1255CST 0 0 Thunderstorm Wind (EG50)
Large tree limbs knocked down near Bronk Rd. and Caton Farm Rd.

Will County

Crest Hill

22 1300CST 0 0 Thunderstorm Wind (EG50)
Large tree limbs down on Gaylord St., south of Division St.

Will County

Joliet

22 1300CST 0 0 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 1320CST 0 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

03 1445CST 0 0 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

03 1500CST 0 0 Thunderstorm Wind (EG50)
Power lines and large tree branches were down across the city.

Lake County

Highland

21 1625CST 1925CST 0 0 Flash Flood
Street flooding up to the curbs with portions of 45th St. impassable.

Lake County

1 E Gary

21 1627CST 0 0 Thunderstorm Wind (MG65)
Trees, limbs and power lines were reported down.
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 21 1715CST 0 0 Thunderstorm Wind (EG50)
Trees were down on State Road 10, near Lake Village.

Jasper County
Rensselaer 21 1720CST 0 0 Hail(1.00)

Lake County
Merrillville 21 1725CST 0 0 Thunderstorm Wind (EG50)
Trees were damaged and a traffic light was broken on Rt. 30.

Newton County
Morocco 21 1725CST 0 0 Thunderstorm Wind (EG50)
Trees were knocked down on 114th St.

Jasper County
2 NW Remington 21 1742CST 0 0 Hail(0.75)

Jasper County
Wheatfield 21 1750CST 0 0 Thunderstorm Wind (EG50)
Numerous large tree limbs down on County Rd. 1000N and in the Tanglewood subdivision.

Jasper County
2 S Demotte 22 1355CST 0 0 Thunderstorm Wind (EG50)
Numerous large tree limbs down on County Rd. 1000N and in the Tanglewood subdivision.

LAKE MICHIGAN

LMZ741 Harrison-Dever Crib Wilmette Hbr To Meigs Field II 03 1400CST 1500CST 0 0 Marine Tstm Wind (MG47)

LMZ745 Michigan City Burn Hbr To Michigan City In 03 1500CST 0 0 Marine Tstm Wind (MG37)

LMZ746 Michigan City Michigan City In To New Buffalo Mi 03 1500CST 0 0 Marine Tstm Wind (MG37)

LMZ741 Harrison-Dever Crib Wilmette Hbr To Meigs Field II 13 1915CST 1930CST 0 0 Marine Tstm Wind (MG35)

LMZ748 Michigan City Burn Hbr To Michigan City In 13 1955CST 0 0 Marine Tstm Wind (MG51)
# National Weather Service

## Storm Data and Unusual Weather Phenomena

### July 2004

#### Lake Michigan

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Path Length (Miles)</th>
<th>Path Width (Yards)</th>
<th>Number of Persons Killed</th>
<th>Injured</th>
<th>Property Damage</th>
<th>Crops Damage</th>
<th>Character of Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMZ746</td>
<td>2000CST</td>
<td>Michigan City In To New Buffalo Mi</td>
<td>13 1955CST 2000CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG51)</td>
</tr>
<tr>
<td>LMZ741</td>
<td>Wilmette Hbr To Meigs Field II</td>
<td>Harrison-Dever Crib</td>
<td>13 2000CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG41)</td>
</tr>
<tr>
<td>LMZ741</td>
<td>Wilmette Hbr To Meigs Field II</td>
<td>Harrison-Dever Crib</td>
<td>20 2000CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG36)</td>
</tr>
<tr>
<td>LMZ743</td>
<td>Calumet Hbr II To Gary In</td>
<td>Buffington Harbor</td>
<td>21 1614CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG52)</td>
</tr>
<tr>
<td>LMZ745</td>
<td>Burn Hbr To Michigan City In</td>
<td>5 SW Michigan City</td>
<td>21 1635CST</td>
<td>0 0 20K</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (EG60)</td>
</tr>
<tr>
<td>LMZ745</td>
<td>Burn Hbr To Michigan City In</td>
<td>Michigan City</td>
<td>21 1650CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG65)</td>
</tr>
<tr>
<td>LMZ746</td>
<td>Michigan City In To New Buffalo Mi</td>
<td>Michigan City</td>
<td>21 1650CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG65)</td>
</tr>
<tr>
<td>LMZ741</td>
<td>Wilmette Hbr To Meigs Field II</td>
<td>Harrison-Dever Crib</td>
<td>22 1240CST</td>
<td>0 0</td>
<td></td>
<td></td>
<td></td>
<td>Marine Tstm Wind (MG39)</td>
</tr>
</tbody>
</table>

A boat capsized 100 yards off of the Beverly Shores beach.