



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2002

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

ILLINOIS, Northeast

| | | | | | | | | | |
|--|------------------------|--|--|--|----------|----------|------------|--|--|
| ILZ014 | Cook | 03 0800CST 04 2000CST | | | 1 | 0 | | | Excessive Heat |
| <p>High temperatures on August 3rd and 4th were near 90 with low temperatures in the lower to middle 70s on the morning of August 4th. One person died from this short hot spell. M53PH</p> | | | | | | | | | |
| ILZ014 | Cook | 10 0800CST 12 2000CST | | | 2 | 0 | | | Excessive Heat |
| <p>High temperatures reached the upper 80s to lower 90s from August 10th through the 12th. Overnight low temperatures were in the upper 60s to near 70. Two fatalities occurred in Chicago. M73PH, M2PH</p> | | | | | | | | | |
| Ford County Countywide | 19 | 0100CST | | | 0 | 0 | | | Thunderstorm Wind (G50) |
| Ford County Countywide | 19 | 0300CST 0800CST | | | 0 | 0 | | | Flash Flood |
| Iroquois County Countywide | 19 | 0305CST 0800CST | | | 0 | 0 | | | Flash Flood |
| Grundy County Morris | 19 | 0457CST | | | 0 | 0 | 40K | | Lightning |
| ILZ033-039 | Iroquois - Ford | 19 0800CST 1400CST | | | 0 | 0 | | | Flood |
| <p>Thunderstorms moved across east central Illinois during the early morning hours of August 19th. Large tree limbs were blown down across all of Ford county. The thunderstorms began producing very heavy rainfall. As a result, flooding occurred across Ford and Iroquois counties through the morning hours before subsiding by afternoon. In Iroquois county, viaduct flooding was reported in Milford and roads were flooded in Watseka. Viaduct flooding was also reported in parts of Ford county. Storm total rainfall amounts include 4.68 inches in Roberts, 2.81 inches in Paxton and 2.41 inches in Gibson City, all three in Ford county. Milford in Iroquois county reported 3.75 inches. A bank was struck by lightning in Morris in Grundy county. The bank suffered significant damage to the roof, siding, and electronic equipment.</p> | | | | | | | | | |
| Winnebago County Durand to 1 N Winnebago | 21 | 1810CST | | | 0 | 0 | | | Thunderstorm Wind (G51)^M |
| Boone County Caledonia | 21 | 1840CST | | | 0 | 0 | | | Thunderstorm Wind (G50) |
| Kane County Carpentersville | 21 | 1935CST | | | 0 | 0 | | | Thunderstorm Wind (G51) |
| Lake County Waukegan | 21 | 1945CST | | | 0 | 0 | | | Thunderstorm Wind (G50) |
| <p>Severe Thunderstorms moved across northern Illinois during the evening of August 21st. Trees and power lines were blown down in Durand in Winnebago county and in Caledonia in Boone county. In Waukegan in Lake county, three large trees were blown down which knocked down three utility poles.</p> | | | | | | | | | |
| Boone County Countywide | 22 | 0030CST 0600CST | | | 0 | 0 | | | Flash Flood |
| Winnebago County Countywide | 22 | 0030CST 0600CST | | | 0 | 0 | | | Flash Flood |



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ILLINOIS, Northeast

| | | | | | | | | | |
|-------------------------------------|--|--------------------|--|--|---|---|--|--|-------------|
| Lake County | | | | | | | | | |
| Countywide | 22 | 0100CST 0600CST | | | 0 | 0 | | | Flash Flood |
| McHenry County | | | | | | | | | |
| Countywide | 22 | 0100CST 0600CST | | | 0 | 0 | | | Flash Flood |
| Kane County | | | | | | | | | |
| North Portion | 22 | 0130CST 0600CST | | | 0 | 0 | | | Flash Flood |
| De Kalb County | | | | | | | | | |
| North Portion | 22 | 0200CST 0600CST | | | 0 | 0 | | | Flash Flood |
| Ogle County | | | | | | | | | |
| North Portion | 22 | 0200CST 0600CST | | | 0 | 0 | | | Flash Flood |
| Cook County | | | | | | | | | |
| North Central Portion | 22 | 0300CST 0600CST | | | 0 | 0 | | | Flash Flood |
| Du Page County | | | | | | | | | |
| North Portion | 22 | 0300CST 0600CST | | | 0 | 0 | | | Flash Flood |
| ILZ003>006-008-011>014 | Winnebago - Boone - McHenry - Lake - Ogle - De Kalb - Kane - Du Page - Cook | | | | | | | | |
| | 22 | 0600CST 1100CST | | | 0 | 0 | | | Flood |

Thunderstorms produced very heavy rainfall across far northern Illinois during the early morning hours of August 22nd. Significant flooding of roads, creeks, and basements was reported across several counties in northern Illinois. The hardest hit areas extended from central Winnebago county through southern Boone, southern McHenry, to northern Kane and northern Cook counties

Some specific reports of flooding included: Route 72 closed east of Hampshire in Kane county; Machesney Park and Loves Park reported several flooded streets in Winnebago county; Butterfield Road in Mundelein flooded in Lake County; Route 176 in Crystal Lake in McHenry county; basement flooding in Carol Stream in Dupage County; and Stone Quarry and Kirkland Roads north of Kirkland in De Kalb county. In Cook county, parts of Interstates 290 and 94 were closed and three underpasses along LakeShore Drive were flooded. The Metropolitan Water Reclamation District of Greater Chicago opened the locks at Wilmette Harbor and at the Chicago River, releasing 850 million gallons of storm and sewage water into Lake Michigan. Several Beaches were closed as a result. In the city of Chicago, 423 reports of basement flooding were received as well as 532 reports of standing water on roads. A woman lost control of her car in Wheaton in Dupage county and ran off the road into and overflowing flooded drainage ditch. She was rescued by fire fighters, but was not injured.

Some storm total rainfall reports include 7.07 inches in Belvidere in Boone county, 6.69 inches in Rockford in Winnebago county, 5.36 inches in Barrington in Cook county, 4.96 inches in Woodstock in McHenry county, 4.90 inches in Des Plaines in Cook County, 4.49 inches in Genoa in De Kalb county, 4.30 inches in Deerfield in Lake county, and 4.30 inches in Elgin in Kane county.

| | | | | | | | | | |
|------------------------|----|--------------------|--|--|---|---|--|--|--------------|
| La Salle County | | | | | | | | | |
| 5 S Mendota | 22 | 1645CST 1648CST | | | 0 | 0 | | | Funnel Cloud |

A thunderstorm near Mendota produced a brief funnel cloud during the afternoon of August 22nd



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| | | | | | Killed | Injured | Property | Crops | |

ILLINOIS, Northeast

Ford County

| | | | | | | | | | |
|-----------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| South Central Portion | 23 | 0240CST 0800CST | | | 0 | 0 | | | Flash Flood |
|-----------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Iroquois County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Southwest Portion | 23 | 0420CST 0900CST | | | 0 | 0 | | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Heavy rain fell across east central Illinois during the early morning hours of August 23rd. Numerous roads were flooded across south central Ford county. Water rose to the hood of a car in Loda in Iroquois county. Gibson City reported 3.47 inches of rain and Paxton reported 5.35 inches, both in Ford county.