



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>ILLINOIS, Northwest</u>									
Carroll County									
Thomson	12	1840CST			0	0			Hail(0.88)
Carroll County									
Chadwick to Mt Carroll	12	1900CST 2100CST			0	0			Lightning
Several reports of lightning damage and fires. Lightning struck a large phone box in Mt. Carroll.									
Whiteside County									
1 N Fulton	12	1900CST			0	0			Thunderstorm Wind (G52)
Trees blown down near Penrose and Union Grove Road.									
Jo Daviess County									
2 W Stockton	12	1910CST			0	0			Thunderstorm Wind (G52)
Trees blown down across Highway 20.									
Stephenson County									
Freeport	12	1915CST			0	0			Thunderstorm Wind (G52)
Power lines blown down.									
Carroll County									
3 S Mt Carroll	12	1930CST			0	0			Thunderstorm Wind (G52)
Large tree blown down on Route 78 north of Timberlake Road.									
Jo Daviess County									
Apple River	21	1700CST			0	0			Thunderstorm Wind (G57)
Several large trees, at least 2 feet in diameter, blown down in Apple River Canyon State Park.									
Jo Daviess County									
Countywide	21	2123CST 2157CST			0	0			Thunderstorm Wind (G61)
Numerous trees and power lines blown down throughout the county. Hardest hit was an area from Chetlain Lane to the Belle Aire Guest House west of Galena, including the Victorian Pines, Country Inns and Suites, Palace Campground and Triangle Motel, which according to some, resembled a war zone. A flagpole was bent at Country Inns, drain pipes were torn off the front of the building, doors were torn off hinges on some first floor entrances and lamps in front of the building were bent. A large tree fell on one vehicle at Palace Campground causing extensive damage. A camper was spun around and moved about 10 feet. Also, a picnic table near the camper was thrown 200 feet and destroyed.									
Jo Daviess County									
3 N Stockton	22	0000CST 0100CST			0	0			Flash Flood
Basement of home flooded.									
Jo Daviess County									
Galena	22	0135CST 0730CST			0	0			Flash Flood
Rural roads outside of Galena inundated with water and impassable.									
Stephenson County									
1 NW Eleroy	22	0145CST 0730CST			0	0			Flash Flood
Intersection of Highway 20 and Dameier Road flooded and impassable.									
Stephenson County									
Freeport	22	0145CST 0730CST			0	0			Flash Flood
Numerous streets inundated with water and closed.									



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ILLINOIS, Northwest

Stephenson County

Lena	22	0150CST 0730CST			0	0			Flash Flood
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Several homes inundated with water.

Thunderstorms continuously redeveloped in an east-west band across Northeast Iowa and Northwest Illinois producing extremely heavy rainfall and flash flooding. The heaviest rainfall occurred from Durango, Iowa (6.25 inches) to Galena, Illinois (11.69 inches). This heavy rain caused Yellow Creek in Pearl City to overflow it's banks, damaging numerous homes and forcing the evacuation of 22 residents. One resident of Pearl City was quoted as saying "This is the worst. Nobody of any age has seen something like this in Pearl City, not even close". Damage in Pearl City was estimated at \$500,000. Stephenson and Jo Daviess Counties were hit hardest with numerous streets closed due to high water. Stephenson County officials upgraded their damage assessment of roads in Kent Township to \$100,000.

IOWA, East Central and Southeast

Iowa County

Millersburg	11	1455CST			0	0			Hail(0.75)
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Jefferson County

3 SE Libertyville	12	1535CST			0	0			Hail(1.75)
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Golfball sized hail reported near the intersection of Ivy Avenue and 255th Street near Libertyville.

Jefferson County

4 SE Libertyville	12	1535CST 1545CST			0	0	50K		Thunderstorm Wind (G61)
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Barn collapsed due to high wind, while another building was completely removed from property on Indigo Boulevard. Garage destroyed, trees blown down and camper overturned on South 255th Street between Fairfield and Libertyville. Several vehicles also damaged at an auto body shop.

Jefferson County

Fairfield	12	1545CST			0	0			Thunderstorm Wind (G52)
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Tree limbs blown down.

Jefferson County

Libertyville	12	1546CST			0	0			Thunderstorm Wind (G61)
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Trees down, crops flattened, and several homes damaged.

Jones County

Wyoming	12	1800CST 2200CST			0	0			Urban/Sml Stream Fld
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Torrential rain forced Little Bear Creek out of it's banks. The Creek, for a while, threatened a local supermarket, but never entered the store. A report of 5 inches of rain in 45 minutes was received between Wyoming and Onslow. Firefighters and homeowners sandbagged a few homes where basements were flooded.

Linn County

Countywide	12	1810CST 2100CST			0	0			Urban/Sml Stream Fld
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Rainfall of 3 to 4 inches in under an hour triggered urban and small stream flooding in several communities including Mount Vernon, Springfield and Lisbon. Several homes also had water pumped from basements.



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<u>IOWA, East Central and Southeast</u>									
Linn County									
Mt Vernon	12	1810CST			0	0			Thunderstorm Wind (G61)
A downburst with winds around 70 mph produced considerable damage to trees and power lines in Mount Vernon, especially on the north side of town. A few cars were damaged by the falling trees. The downburst was unusual in that it appeared to have occurred from east to west.									
Washington County									
Wellman	21	1500CST			0	0			Thunderstorm Wind (G61)
Several large trees blown down, barn on 540th Street Southwest heavily damaged, and corn flattened in spots on Angle Road Southwest.									
Muscatine County									
Nichols	21	1656CST			0	0			Thunderstorm Wind (G52)
Power lines and tree limbs blown down.									
Muscatine County									
3 N Muscatine to 5 NE Muscatine	21	1715CST 1721CST	1.6	100	0	0			Tornado (F1)
An F1 tornado touched down north of Muscatine near Highway 38 doing extensive damage to a machine shed that housed a tractor, disk, planter and field cultivator. Damage to the shed and equipment was estimated at over \$200,000. Nearby, the roof was partially blown off a farm house and windows were blown out. Also, it was reported that a pickup truck parked at the farm house was launched 40 feet, landing on an old garage. Corn was also flattened in spots, and trees were blown down starting at the Municipal Golf Course and continuing along the path.									
Muscatine County									
4 W Montpelier	21	1730CST			0	0			Funnel Cloud
Scott County									
2 N Blue Grass	21	1755CST			0	0			Funnel Cloud
Scott County									
2 N Blue Grass	21	1800CST	0.1	10	0	0			Tornado (F0)
An F0 tornado touched down briefly north of Blue Grass tearing down a large tree limb. Otherwise, no injuries or damage was reported.									
Jones County									
6 N Anamosa	21	2030CST			0	0			Thunderstorm Wind (G61)
Several large trees uprooted, including a 130 year old Maple on a farm on Old Cass Road.									
Dubuque County									
Dubuque Arpt	21	2044CST			0	0			Thunderstorm Wind (G56)^M
Buchanan County									
Independence	21	2205CST 2300CST			0	0			Urban/Sml Stream Fld
Several streets flooded.									
Delaware County									
2 S Petersburg	22	0100CST 0730CST			0	0			Flash Flood
Rural road washed out and inundated with debris.									
Dubuque County									
Cascade	22	0130CST 0730CST			0	0			Flash Flood



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Funnel Cloud