

National Weather Service Storm Data and Unusual Weather Phenomena



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Num Per Killed	ber of sons Injured	Estimated Damage Property Crops	August 2002	
Bodulen	Date	Startara	(1/11165)	(Taras)	Timou	marca	Troport, Crops	Character of Storm	
ILLINOIS, Northwest									
Carroll County									
Thomson	12	1840CST			0	0		Hail(0.88)	
Carroll County	10	1000 CCT						****	
Chadwick to Mt Carroll	12	1900CST 2100CST			0	0		Lightning	
	Sever	al reports of lightr	ning damage a	and fires. Lig	ghtning stru	ck a large p	phone box in Mt. Car	roll.	
Whiteside County									
1 N Fulton	12	1900CST			0	0		Thunderstorm Wind (G52)	
	Trees	blown down near	Penrose and	Union Grove	Road.				
Jo Daviess County	10	1010.CCT			0			TEL 1 4 337 1 (C(FA))	
2 W Stockton	12 Trees	1910CST blown down acro	ss Highway 2	0.	0	0		Thunderstorm Wind (G52)	
Stephenson County									
Freeport	12	1915CST	_		0	0		Thunderstorm Wind (G52)	
	Power	r lines blown dow	n.						
Carroll County 3 S Mt Carroll	12	1930CST			0	0		Thunderstorm Wind (G52)	
		tree blown down	on Route 78 i	north of Tim	berlake Roa			1 manuar 300 m (
Jo Daviess County									
Apple River	21 Sever	1700CST al large trees, at le	east 2 feet in d	liameter, blo	0 wn down in	0 Apple Riv	er Canyon State Park	Thunderstorm Wind (G57)	
Jo Daviess County				, , , , , ,		II	, , , , , , , , , , , , , , , , , , , ,		
Countywide	21	2123CST 2157CST			0	0		Thunderstorm Wind (G61)	
	2157CST Numerous trees and power lines blown down throughout the county. Hardest hit was an area from Chetlain Lane to the Belle Air								
	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								
		ace Campground imper was thrown			. A campe	r was spun	around and moved a	bout 10 feet. Also, a picnic table near	
Jo Daviess County									
3 N Stockton	22	0000CST 0100CST			0	0		Flash Flood	
	Basen	nent of home floo	ded.						
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	
	Inters	ection of Highway	y 20 and Dam	eier Road flo	oded and in	mpassable.			
Stephenson County	25	0145000			^	•			
Freeport	22	0145CST 0730CST			. 0	0		Flash Flood	
	Numa	erous streets inund	ated with wat	ar and closed	4				

Numerous streets inundated with water and closed.



Linn County

Countywide

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ocation	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perse Killed	er of ons Injured	Estimated Damage Property Crops	Character of Store	August 200	
LLINOIS, Northwest										
ephenson County										
Lena	22 Severa	0150CST 0730CST al homes inundate	d with water.		0	0		Flash Flood		
	heavy inches) evacua someth Counti	rainfall and flash). This heavy ration of 22 residening like this in F	h flooding. in caused Ye ents. One re Pearl City, no est with num	The heaviest in the bellow Creek in sident of Pear t even close". Herous streets of the bellow the	rainfall occ Pearl City I City was Damage i closed due	curred fro to overfl quoted as n Pearl C	m Durango, Iowa ow it's banks, dan s saying "This is ity was estimated	d Northwest Illinois (6.25 inches) to Gamaging numerous hothe worst. Nobody at \$500,000. Stephen County officials upg	lena, Illinois (11.4) mes and forcing to of any age has se ason and Jo Davie	
OWA, East Central an	d Sout	<u>heast</u>								
owa County Millersburg	11	1455CST			0	0		Hail(0.75)		
efferson County 3 SE Libertyville	12 Golfba	1535CST all sized hail repor	rted near the i	intersection of	0 Ivy Avenu	0 e and 255	h Street near Libe	Hail(1.75) rtyville.		
efferson County 4 SE Libertyville	12	1535CST			0	0	50K	Thunderstorn	wind (G61)	
	12 1535CST 1545CST Barn collapsed due to high wind, while another building was completely removed from property on Indigo Boulevard. Gara destroyed, trees blown down and camper overturned on South 255th Street between Fairfield and Libertyville. Several vehicles al damaged at an auto body shop.									
efferson County Fairfield	12 Tree li	1545CST mbs blown down			0	0		Thunderstorn	n Wind (G52)	
efferson County Libertyville	12 Trees o	1546CST down, crops flatte	ened, and seve	eral homes dan	0 naged.	0		Thunderstorn	n Wind (G61)	
ones County Wyoming	12	1800CST			0	0		Urban/Sml St	ream Fld	
	12 1800CST 2200CST 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 homeowner sandbagged a few homes where basements were flooded.									

12 1810CST 0 0 Urban/Sml Stream Fld 2100CST

Rainfall of 3 to 4 inches in under an hour triggered urban and small stream flooding in several communities including Mount Vernon, Springville and Lisbon. Several homes also had water pumped from basements.



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August 2002 Time Local Path Length Path Number of Estimated Width Persons Damage IOWA, East Central and Southeast **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** 0 Wellman 1500CST 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 Thunderstorm Wind (G52) Power lines and tree limbs blown down. **Muscatine County** 3 N Muscatine to 5 NE Muscatine 100 21 1.6 Tornado (F1) 1715CST 1721CST 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** 1730CST **Funnel Cloud** 4 W Montpelier 21 **Scott County** 2 N Blue Grass 21 1755CST **Funnel Cloud Scott County** 10 O 2 N Blue Grass 21 1800CST 0.1 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 Thunderstorm Wind (G61) Several large trees uprooted, including a 130 year old Maple on a farm on Old Cass Road. **Dubuque County** 2044CST Thunderstorm Wind (G56)^M 21 0 0 **Dubuque Arpt Buchanan County** Independence 21 2205CST 2300CST 0 0 Urban/Sml Stream Fld Several streets flooded. **Delaware County** 2 S Petersburg 22 Flash Flood Rural road washed out and inundated with debris. **Dubuque County**

0

Flash Flood

0130CST 0730CST

22

Cascade



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August 2002 Time Local/ Path Length Path Width Number of Estimated Persons Damage **IOWA, East Central and Southeast** Numerous streets inundated with high water and debris. **Dubuque County** 0130CST 0730CST 0 Flash Flood 4 SW Dubuque 0 22 Water up to 3 feet deep forced the evacuation of Swiss Valley Campground. **Dubuque County** Flash Flood 0130CST 0730CST O Dubuque 22 Spring Valley trailer park evacuated due to high water up to 3 feet deep. **Dubuque County** 0130CST 0730CST Dyersville 22 0 Flash Flood Significant street flooding. 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). More than 9 inches of rain fell in parts of Dubuque County. Numerous roads were closed in mostly low lying areas. A few homes were also flooded. **Des Moines County Burlington** 23 0030CST Flash Flood 0630CST Several Corn and Bean fields were submerged in deep water. No damage estimates were available. **Johnson County** 2 S Iowa City 0030CST 0630CST 0 0 Flash Flood 23 More than 3 inches of rain fell between Midnight and 7:00 A.M. which triggered flash flooding south of Iowa City. Some of the lowest units in a mobile home park were flooded. Water caused the floor of one trailer to ripple, while the current tore the skirting. Several vehicles were also submerged in water. Jones County 3 E Center Jct 1906CST 0.1 10 0 Tornado (F0) An F0 tornado touched down briefly between Center Junction and Onslow damaging a few trees in a wooded area. No damage to homes or other structures and no injuries were reported. **Clinton County** 1 NW Dewitt 25 0 **Funnel Cloud**