

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ILLINOIS, South

JACKSON COUNTY

6.0 S MURPHYSBORO	07/04/07 18:00 CST	0	0	Hail (1.00 in)
	07/04/07 18:15 CST	0	0	37.6833N, 89.33W

Penny to quarter size hail fell for about 15 minutes.

An isolated thunderstorm reached severe levels during the hottest part of the day. A southwest wind flow of moist and unstable air contributed to the storms.

POPE COUNTY

EDDYVILLE	07/05/07 12:15 CST	0	0	Flash Flood (due to Heavy Rain)
	07/05/07 15:00 CST	0	0	37.5N, 88.58W

Flooding was reported in Eddyville in places that do not normally flood.

MASSAC COUNTY

MIDWAY	07/05/07 13:30 CST	0	10K	Flash Flood (due to Heavy Rain)
JOPPA	07/05/07 15:30 CST	0	0	37.23N, 88.63W ~ 37.2N, 88.85W

A secondary road was washed out in the northeast part of the county. Water was 6 feet deep in some ditches. Around Joppa, water was over unpaved roadways.

A complex of thunderstorms propagated southwest across the Lower Ohio Valley during the afternoon. As the slow-moving complex reached increasingly unstable air, isolated flash flooding occurred.

MASSAC COUNTY

3.0 N METROPOLIS	07/17/07 15:15 CST	0	0	Lightning
	07/17/07 15:15 CST	2	0	37.1934N, 88.73W

Two persons were injured when lightning struck as they baled hay. The first person was hooking up a tractor to another piece of equipment when the lightning struck, causing burns on the arm. A second person standing further away was knocked unconscious. Neither person was critically injured.

Scattered thunderstorms produced numerous lightning strikes as they moved southeast across the Lower Ohio Valley.

INDIANA, Southwest

SPENCER COUNTY

SANTA CLAUS	07/04/07 15:48 CST	0	0	Hail (0.75 in)
	07/04/07 15:48 CST	0	0	38.12N, 86.9W

An isolated thunderstorm reached severe levels during the hottest part of the day. A southwest wind flow of moist and unstable air contributed to the storms.

KENTUCKY, Southwest

DAVISS COUNTY

OWENSBORO	07/04/07 18:30 CST	0	0	Heavy Rain
	07/04/07 19:30 CST	0	0	37.77N, 87.12W

Street flooding was reported on the east side of Owensboro near the intersection of U.S. Highway 60 and the by-pass.

An isolated thunderstorm produced very heavy rain during the hottest part of the day. A southwest wind flow of moist and unstable air contributed to the storm.

CRITTENDEN COUNTY

MARION	07/05/07 11:00 CST	0	0	Flash Flood (due to Heavy Rain)
MATTOON	07/05/07 14:30 CST	0	0	37.33N, 88.08W ~ 37.4N, 88.02W

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<p>High water slowed travel. In Marion, water was up to the bumpers of cars in some places. Parking lots and streets were flooded in town. Across the county, some creeks overflowed on roads. A government official reported the county received about 5 inches of rain.</p> <p>A complex of thunderstorms propagated southwest across the Lower Ohio Valley during the afternoon. As the slow-moving complex reached increasingly unstable air, isolated flash flooding occurred.</p>				
MARSHALL COUNTY				
FAIRDEALING	07/09/07 17:14 CST		0	Hail (1.00 in)
	07/09/07 17:14 CST		0	36.85N, 88.23W
DAVISS COUNTY				
OWENSBORO	07/09/07 20:30 CST		2K	Heavy Rain
	07/09/07 21:30 CST		0	37.77N, 87.12W
<p>On the east side of the city, water was 12 to 14 inches deep at a street intersection. On another city street, water ranged from a few inches to over a foot deep. Some vehicles stalled out. A city resident reported standing water against her garage and back deck, along with a flooded basement due to a backed up sewer. Water shot up to three feet high out of manholes. A spotter reported 2.25 inches downtown while rain was still falling.</p> <p>A weak 500 mb shortwave trough over the Plains states triggered isolated thunderstorms. A southwest wind flow at the surface contributed to warm and unstable conditions.</p>				
DAVISS COUNTY				
1.0 S OWENSBORO	07/19/07 17:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/19/07 17:15 CST		0	37.7555N, 87.12W
<p>A trained spotter estimated wind gusts to 60 MPH.</p>				
UNION COUNTY				
STURGIS	07/19/07 17:26 CST		5K	Thunderstorm Wind (EG 50 kt)
	07/19/07 17:26 CST		0	37.55N, 87.98W
<p>Several trees were blown down across Highway 109.</p>				
DAVISS COUNTY				
OWENSBORO	07/19/07 17:30 CST		0	Heavy Rain
	07/19/07 18:30 CST		0	37.77N, 87.12W
<p>Street flooding occurred across the city after storms dropped more than two inches of rain. A co-operative observer measured 2.13 inches. The rain indirectly contributed to a head-on automobile accident on U.S. 60 East. One person was hospitalized.</p>				
HENDERSON COUNTY				
HENDERSON	07/19/07 17:45 CST		0	Heavy Rain
	07/19/07 18:45 CST		0	37.83N, 87.58W
<p>Several Henderson city streets were flooded, including a portion of U.S. Highway 41. In the county, flooding was reported in several locations, including an intersection on Kentucky 416.</p>				
WEBSTER COUNTY				
CLAY	07/19/07 17:45 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/19/07 17:45 CST		0	37.48N, 87.83W
<p>Trees were topped out by thunderstorm winds.</p>				
DAVISS COUNTY				
OWENSBORO	07/19/07 18:00 CST		5K	Lightning
	07/19/07 18:00 CST		0	37.77N, 87.12W
<p>The fire department responded to reports of telephone poles struck by lightning.</p> <p>Thunderstorms formed along and slightly ahead of a surface boundary across central Indiana into southern Illinois. The atmosphere south of the boundary was moist and moderately unstable. A few severe weather events occurred as these storms moved south across western Kentucky.</p>				

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MISSOURI, Southeast				
MISSISSIPPI COUNTY				
1.0 NW CHARLESTON	07/05/07 15:15 CST		4K	Thunderstorm Wind (EG 50 kt)
	07/05/07 15:15 CST		0	36.9302N, 89.3428W

Trees were down on County Road 220.

A complex of thunderstorms propagated southwest from the Lower Ohio Valley into southeast Missouri. As the complex reached increasingly unstable air, an isolated severe weather event occurred.