



# National Weather Service

## Storm Data and Unusual Weather Phenomena



September 2004

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

**ILZ083**

**White**

<b>01</b>	<b>0000CST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>
<b>02</b>	<b>1700CST</b>								

The Little Wabash River remained above flood stage after two rounds of intense thunderstorms on the 26th and 28th of August. The river crested at Carmi late in August, and fell below flood stage on the second of September. The flooding was minor, consisting mostly of inundated lowlands and county roads.

**ILZ087**

**Gallatin**

<b>23</b>	<b>0200CST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>
<b>26</b>	<b>1700CST</b>								

Despite very dry weather in September, the Ohio River rose rapidly due to copious rainfall in the upper Ohio Valley from the remnants of Hurricanes Frances and Ivan. The only gage location along the Illinois side to exceed flood stage was Shawneetown, not far from the Indiana border. The crest flattened out as it moved further downriver. The crest at Shawneetown was 35.7 feet on the afternoon of the 25th. Flood stage there is 33 feet. Minor flooding of low-lying bottomlands occurred.

### INDIANA, Southwest

**INZ081>082-085>088**

**Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer**

<b>22</b>	<b>0000CST</b>				<b>0</b>	<b>0</b>			<b>Drought</b>
<b>30</b>	<b>2359CST</b>								

This was the driest September on record for southwest Indiana. At Evansville, the monthly rainfall was only 0.09 inch, which broke the old September record of 0.25 inch set in 1928. This was the third driest month on record at Evansville, where records extend back to 1897. The dry weather turned lawns and fields brown. The dry weather set in too late to harm crops. In fact, the timing of the dry weather helped farmers harvest a bountiful crop.

**INZ085-087>088**

**Posey - Warrick - Spencer**

<b>22</b>	<b>0300CST</b>				<b>0</b>	<b>0</b>	<b>400K</b>		<b>Flood</b>
<b>27</b>	<b>1700CST</b>								

Despite very dry weather in September, the Ohio River rose above flood stage due to copious rainfall in the upper Ohio Valley from the remnants of Hurricanes Frances and Ivan. At Newburgh Lock and Dam, the river crested at 41.36 feet on the evening of the 24th. This is about 3 feet above the 38-foot flood stage. At Mount Vernon, the river crested at 35.9 feet on the afternoon of the 25th. Flood stage at Mount Vernon is 35 feet. The flooding was minor, affecting agricultural bottomlands.

### KENTUCKY, Southwest

**KYZ001>022**

**Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd**

<b>22</b>	<b>0000CST</b>				<b>0</b>	<b>0</b>			<b>Drought</b>
<b>30</b>	<b>2359CST</b>								

This was the driest September on record for western Kentucky. At Paducah, the monthly rainfall was only 0.02 inch, which set a record not only for driest September but also for driest month. Lawns and fields turned brown. Due to increasing fire danger, outdoor burning bans were imposed in all western Kentucky counties after a couple of brush fires burned up to 10 acres. The dry weather set in too late to harm crops. In fact, the timing of the dry weather helped farmers harvest one of their best crops on record.

**KYZ018>019**

**Henderson - Daviess**

<b>22</b>	<b>0300CST</b>				<b>0</b>	<b>0</b>	<b>5.5M</b>		<b>Flood</b>
<b>27</b>	<b>1700CST</b>								

Despite very dry weather in September, the Ohio River rose above flood stage at several gage points, mostly above the confluence



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					Killed	Injured	Property	Crops	

### KENTUCKY, Southwest

with the Wabash River. The flooding was due to copious rainfall in the upper Ohio Valley from the remnants of Hurricanes Frances and Ivan. Around 20,000 acres of soybeans were estimated to be under water in Henderson and Daviess Counties. This translates into an estimated crop loss of several million dollars. Most of the corn crop was mature enough to be harvested before the flooding. Nearly all of the acreage flooded by the river was uninhabited bottomland or cropland. At Newburgh Lock on the Indiana side, the river crested at 41.36 feet on the evening of the 24th. This is about 3 feet above the 38-foot flood stage. At Mount Vernon, Indiana, the river crested at 35.9 feet on the afternoon of the 25th. Flood stage at Mount Vernon is 35 feet. Much of the cropland flooding in Daviess County was in the Stanley and Maceo areas.

### MISSOURI, Southeast

MOZ076-086>087-100-  
107>112-114

Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

22	0000CST	0	0	<b>Drought</b>
30	2359CST			

This was the driest September on record for southeast Missouri. At Cape Girardeau, the monthly rainfall was only a trace. At Poplar Bluff, only 0.01 inch was recorded. Lawns and fields turned brown. By the end of the month, moderate drought conditions were assessed over southeast Missouri. The dry weather set in too late to harm crops. In fact, the timing of the dry weather helped farmers harvest one of their best crops on record.