

## Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KENTUCKY, Northern</b>				
<b>KENTON COUNTY --- COVINGTON [39.07, -84.50], 1.2 NNW COVINGTON [39.09, -84.51], 1.1 NNW COVINGTON [39.09, -84.51], 0.6 N COVINGTON [39.08, -84.50]</b>				
	07/13/10 14:40 EST		10K	Flash Flood (due to Heavy Rain)
	07/13/10 16:30 EST		0	Source: Law Enforcement
Several cars were floating in high water due to heavy rainfall.				
<b>CAMPBELL COUNTY --- 1.3 SSE NEWPORT [39.06, -84.47], 0.2 NNE SOUTHGATE [39.05, -84.45], 0.7 NW BRENT [39.06, -84.44], 0.9 NNW SOUTHGATE [39.06, -84.46]</b>				
	07/13/10 15:30 EST		1K	Flash Flood (due to Heavy Rain)
	07/13/10 16:30 EST		0	Source: Law Enforcement
Roads were impassible due to heavy rainfall that caused flash flooding.				
<b>KENTON COUNTY --- FT WRIGHT [39.03, -84.55], 2.0 ESE FT WRIGHT [39.02, -84.52], 0.9 WSW SANDFORDTOWN [39.03, -84.52], 0.5 NE FT WRIGHT [39.03, -84.54]</b>				
	07/13/10 15:36 EST		10K	Flash Flood (due to Heavy Rain)
	07/13/10 16:30 EST		0	Source: Law Enforcement
Roads were closed due to heavy rainfall. A person was also rescued from a vehicle that was stuck in flood waters.				
<b>A large complex of showers and thunderstorms moved across the area. This rainfall allowed for flash flooding to develop.</b>				
<b>CARROLL COUNTY --- 1.0 SE CARROLLTON [38.66, -85.16]</b>				
	07/17/10 02:35 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/10 02:39 EST		0	Source: Public
Large branches were reported down due to damaging thunderstorm winds.				
<b>An area of showers and thunderstorms moved through the region during the morning hours producing isolated severe weather.</b>				
<b>CAMPBELL COUNTY --- DAYTON [39.10, -84.43]</b>				
	07/17/10 16:25 EST		0	Hail (1.00 in)
	07/17/10 16:30 EST		0	Source: Trained Spotter
Scattered thunderstorms developed during the afternoon hours of July 17th. The main threat from these storms was hail.				
<b>BRACKEN COUNTY --- AUGUSTA [38.77, -84.00], 0.9 WSW AUGUSTA [38.77, -84.02], 0.9 W AUGUSTA [38.77, -84.02], 0.4 NNE AUGUSTA [38.78, -84.00]</b>				
	07/20/10 22:53 EST		2K	Flash Flood (due to Heavy Rain)
	07/21/10 00:30 EST		0	Source: Law Enforcement
High water was across several roads in Augusta due to heavy rainfall.				
<b>MASON COUNTY --- 3.0 SE MAYSVILLE [38.62, -83.71], 1.9 ESE MAYSVILLE [38.64, -83.72], 1.3 WNW SPRINGDALE [38.63, -83.69], 1.1 W SPRINGDALE [38.62, -83.69]</b>				
	07/21/10 00:33 EST		15K	Flash Flood (due to Heavy Rain)
	07/21/10 01:20 EST		0	Source: Law Enforcement
Numerous roads were closed due to high water. Some families were evacuated from their homes in eastern portions of the county.				
<b>LEWIS COUNTY --- KINNICONICK [38.52, -83.33], 1.1 S KINNICONICK [38.50, -83.33], 1.0 SW KINNICONICK [38.51, -83.35], 0.9 W KINNICONICK [38.52, -83.35]</b>				
	07/21/10 00:38 EST		10K	Flash Flood (due to Heavy Rain)
	07/21/10 00:58 EST		0	Source: Law Enforcement
Several roads were closed across the southern half of the county due to high water. The high water also made it to some homes in the area.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MASON COUNTY --- LEWISBURG [38.55, -83.77], 1.6 NNW LEWISBURG [38.57, -83.79], 0.4 W MARSHALL [38.57, -83.76], 1.0 S MARSHALL [38.56, -83.75]</b>				
	07/21/10 01:00 EST		3K	Flash Flood (due to Heavy Rain)
	07/21/10 01:20 EST		0	Source: Law Enforcement
Numerous roads were closed due to high water caused by heavy rainfall.				
<b>LEWIS COUNTY --- CAMP DIX [38.48, -83.28], 1.1 NNW CAMP DIX [38.49, -83.29], 1.7 NE CAMP DIX [38.50, -83.26], 1.1 E CAMP DIX [38.48, -83.26]</b>				
	07/21/10 01:40 EST		10K	Flash Flood (due to Heavy Rain)
	07/21/10 04:45 EST		0	Source: Law Enforcement
Widespread flash flooding occurred across southern portions of the county. Numerous people were trapped and had to be rescued.				
<b>MASON COUNTY --- WASHINGTON [38.62, -83.80], 1.2 WNW WASHINGTON [38.63, -83.82], 1.6 SW WASHINGTON [38.61, -83.82], 1.1 S WASHINGTON [38.60, -83.80]</b>				
	07/21/10 02:42 EST		75K	Flash Flood (due to Heavy Rain)
	07/21/10 04:45 EST		0	Source: Law Enforcement
A bridge was washed out due to flash flooding. Flash flooding was widespread around the area.				
<b>LEWIS COUNTY --- TOLLESBORO [38.55, -83.57], 2.6 W TOLLESBORO [38.56, -83.62], 1.0 SW COTTAGEVILLE [38.59, -83.61], 1.4 N RIBOLT [38.59, -83.52], 1.0 SE RIBOLT [38.56, -83.50]</b>				
	07/21/10 03:42 EST		0.35M	Flash Flood (due to Heavy Rain)
	07/21/10 04:45 EST		0	Source: Law Enforcement
Numerous roads were washed out due to flash flooding. In addition there were multiple water rescues from homes. At least three mobile homes and a grocery store were swept off their foundation. Major damage occurred to residences, businesses, vehicles, and roads across southern portions of the county.				
<b>LEWIS COUNTY --- CAMP DIX [38.48, -83.28], 1.6 NW CAMP DIX [38.50, -83.30], 2.4 N CAMP DIX [38.51, -83.27], 1.9 NW RUGLESS [38.50, -83.25]</b>				
	07/21/10 04:45 EST		5K	Flood (due to Heavy Rain)
	07/21/10 12:00 EST		0	Source: Law Enforcement
This flooding is a continuation from the earlier flash flooding in the area.				
<b>LEWIS COUNTY --- TOLLESBORO [38.55, -83.57], 2.7 SSW COTTAGEVILLE [38.57, -83.62], 1.3 SSE COTTAGEVILLE [38.58, -83.59], 1.8 NNE TOLLESBORO [38.57, -83.55]</b>				
	07/21/10 04:45 EST		5K	Flood (due to Heavy Rain)
	07/21/10 12:00 EST		0	Source: Law Enforcement
This flooding is a continuation of the earlier flash flooding.				
<b>MASON COUNTY --- WASHINGTON [38.62, -83.80], 1.9 W WASHINGTON [38.62, -83.84], 2.3 WSW WASHINGTON [38.61, -83.84], 1.2 SSE WASHINGTON [38.60, -83.79]</b>				
	07/21/10 04:45 EST		5K	Flood (due to Heavy Rain)
	07/21/10 12:00 EST		0	Source: Law Enforcement
This flooding is a continuation of the earlier flash flooding.				
<b>Training thunderstorms moved across northern Kentucky and south central Ohio beginning during the late evening hours and continuing into the overnight hours.</b>				
<b>KENTON COUNTY --- 1.0 S COVINGTON [39.06, -84.50], 1.3 NNW COVINGTON [39.09, -84.51], 1.2 N COVINGTON [39.09, -84.50], 0.9 SE COVINGTON [39.06, -84.49]</b>				
	07/21/10 16:45 EST		1K	Flash Flood (due to Heavy Rain)
	07/21/10 18:00 EST		0	Source: Insurance Company
About three feet of water covered an intersection due to heavy rainfall.				
<b>CAMPBELL COUNTY --- 3.0 N ALEXANDRIA [39.01, -84.38], 1.6 W CAMP SPGS [39.00, -84.38], 1.9 W CAMP SPGS [39.00, -84.39], 1.2 S SILVER GROVE [39.01, -84.38]</b>				

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	07/21/10 17:55 EST		5K	Flash Flood (due to Heavy Rain)
	07/21/10 18:20 EST		0	Source: Law Enforcement

Part of Lower Tug Fork Road was washed away by flood waters.

Heavy rainfall moved over portions of Kentucky during the late afternoon and into the early hours of July 21st.

### OHIO, Southwest

**CLARK COUNTY --- SPRINGFIELD [39.92, -83.80], 0.8 SSE EAGLE CITY [39.96, -83.82], 1.2 NNE ROCK WAY [39.95, -83.87], 1.1 WNW SUNNYLAND [39.91, -83.85]**

07/12/10 06:00 EST	2K	Flash Flood (due to Heavy Rain)
07/12/10 06:45 EST	0	Source: Law Enforcement

Several inches of water was running across roadways due to heavy rainfall.

A complex of showers and thunderstorms moved through the area causing isolated flash flooding to occur.

**FRANKLIN COUNTY --- COLUMBUS [40.03, -83.00], 2.3 E COLUMBUS [40.04, -82.96], 1.9 SSW MINERVA PARK [40.05, -82.96], 1.7 SE HOMEDALE [40.05, -83.00]**

07/12/10 21:00 EST	2K	Flash Flood (due to Heavy Rain)
07/12/10 22:20 EST	0	Source: Trained Spotter

Six inches of water was running across high street due to heavy rainfall.

Isolated flash flooding occurred due to storms moving over central portions of Ohio.

**FRANKLIN COUNTY --- 1.5 W COLUMBUS [40.03, -83.03], 0.7 ENE COLUMBUS [40.03, -82.99], 1.8 E GRANDVIEW HGTS [39.98, -83.00], 1.0 ENE GRANDVIEW HGTS [39.98, -83.01]**

07/13/10 14:44 EST	1K	Flash Flood (due to Heavy Rain)
07/13/10 17:00 EST	0	Source: Trained Spotter

A foot of water was over 5th Avenue near Interstate 71.

A large complex of showers and thunderstorms moved across the area. This rainfall allowed for flash flooding to develop.

**SCIOTO COUNTY --- OTWAY [38.87, -83.18]**

07/17/10 15:43 EST	0	Hail (0.88 in)
07/17/10 15:48 EST	0	Source: Public

**SCIOTO COUNTY --- MC DERMOTT [38.83, -83.07]**

07/17/10 16:00 EST	0	Hail (1.25 in)
07/17/10 16:15 EST	0	Source: Public

**HAMILTON COUNTY --- DELHI [39.12, -84.68]**

07/17/10 16:06 EST	0	Hail (0.75 in)
07/17/10 16:10 EST	0	Source: Trained Spotter

**SCIOTO COUNTY --- PORTSMOUTH [38.73, -82.98]**

07/17/10 16:12 EST	0	Hail (0.88 in)
07/17/10 16:18 EST	0	Source: Public

**SCIOTO COUNTY --- PORTSMOUTH [38.73, -82.98]**

07/17/10 16:25 EST	0	Hail (1.00 in)
07/17/10 16:30 EST	0	Source: Public

**HAMILTON COUNTY --- CINCINNATI [39.12, -84.55]**

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	07/17/10 16:32 EST		0	Hail (1.00 in)
	07/17/10 16:36 EST		0	Source: Public
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<b>SCIOTO COUNTY --- OTWAY [38.87, -83.18], 0.7 S OTWAY [38.86, -83.18], 1.1 SW OTWAY [38.86, -83.20], 0.7 W OTWAY [38.87, -83.19]</b>				
	07/17/10 18:50 EST		15K	Flash Flood (due to Heavy Rain)
	07/17/10 20:00 EST		0	Source: Law Enforcement
<p>A culvert was washed out near a fire station. Due to this, emergency vehicles were unable to leave the station. Several roads were flooded around the area with water flowing up to numerous houses.</p> <p><b>Scattered thunderstorms developed during the afternoon hours of July 17th. The main threat from these storms was hail.</b></p>				
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<b>FRANKLIN COUNTY --- 1.9 WNW EAST COLUMBUS [39.99, -82.95]</b>				
	07/18/10 14:01 EST		3K	Thunderstorm Wind (EG 55 kt)
	07/18/10 14:16 EST		0	Source: Trained Spotter
<p>Trees and large limbs were reported down due to damaging thunderstorm winds. A billboard was also bent in half due to the storms.</p>				
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<b>CLARK COUNTY --- SPRINGFIELD [39.92, -83.80]</b>				
	07/18/10 15:45 EST		0	Hail (1.00 in)
	07/18/10 15:49 EST		0	Source: Trained Spotter
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<b>FAIRFIELD COUNTY --- BALTIMORE [39.85, -82.60]</b>				
	07/18/10 15:45 EST		0	Hail (0.88 in)
	07/18/10 15:49 EST		0	Source: Trained Spotter
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<b>FAIRFIELD COUNTY --- 7.0 SW PLEASANTVILLE [39.75, -82.61]</b>				
	07/18/10 16:05 EST		5K	Thunderstorm Wind (EG 55 kt)
	07/18/10 16:09 EST		0	Source: Public
<p>Trees were reported down and minor roof damage occurred due to damaging thunderstorm winds.</p> <p><b>Scattered thunderstorms moved across Ohio during the afternoon hours of July 18th. The main threats from these storms were wind and hail.</b></p>				
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<b>SCIOTO COUNTY --- FRANKLIN FURNACE [38.65, -82.85], 1.9 SW GENNETTS [38.61, -82.85], 1.7 S GENNETTS [38.61, -82.83], 0.8 ESE FRANKLIN FURNACE [38.65, -82.84]</b>				
	07/21/10 01:16 EST	1	0.30M	Flash Flood (due to Heavy Rain)
	07/21/10 02:45 EST	4	0	Source: Emergency Manager
<p>Multiple homes were flooded in the area due to heavy rainfall. Two homes were destroyed, two homes sustained major damage, and several homes received minor damage. In addition, there were multiple water rescues. There was one fatality during the event. The fatality was a female who was outside trying to get to higher ground when she was swept away in the flash flooding. In addition to the fatality, there were four injuries. All of the flooding reports and the fatality occurred in the Franklin Furnace area.</p> <p>Direct Fatalities: F53OU</p> <p><b>Training thunderstorms moved across northern Kentucky and south central Ohio beginning during the late evening hours and continuing into the overnight hours.</b></p>				
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<b>MERCER COUNTY --- 2.0 WNW ROCKFORD [40.70, -84.66], 1.5 W ROCKFORD [40.68, -84.66], 0.4 SW ROCKFORD [40.68, -84.64], 0.3 NNE ROCKFORD [40.68, -84.63], 1.1 NW ROCKFORD [40.69, -84.64]</b>				
	07/24/10 20:20 EST		1K	Flash Flood (due to Heavy Rain)
	07/25/10 01:30 EST		0	Source: Law Enforcement
<p>Water was over a roadway due to heavy rain that caused the flash flooding.</p> <p><b>Thunderstorms moved through during the late evening hours of July 24th and continued across the area through the early morning hours. The main threat was flash flooding caused by heavy rainfall.</b></p>				
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<b>AUGLAIZE COUNTY --- ST MARYS [40.53, -84.38]</b>				
	07/28/10 18:03 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/28/10 18:07 EST		0	Source: Emergency Manager

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Large limbs and power lines were reported down due to damaging thunderstorm winds.

Thunderstorms moved through Ohio during the early evening hours of July 28th. Isolated severe weather occurred with these thunderstorms. The main threat was damaging winds.