

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>INDIANA, South Central</b>				
<b>DUBOIS COUNTY --- 1.1 W IRELAND [38.42, -87.02]</b>				
	05/01/10 02:02 EST		0	Hail (1.00 in)
	05/01/10 02:02 EST		0	Source: Emergency Manager
<b>DUBOIS COUNTY --- 0.5 W HOLLAND [38.25, -87.04]</b>				
	05/01/10 02:20 EST		0	Thunderstorm Wind (EG 52 kt)
	05/01/10 02:20 EST		0	Source: Emergency Manager
A tree was reported down on Highway 161.				
<b>CLARK COUNTY --- 0.7 ENE MEMPHIS [38.48, -85.76]</b>				
	05/01/10 03:05 EST		0	Thunderstorm Wind (EG 50 kt)
	05/01/10 03:05 EST		0	Source: Law Enforcement
Large limbs were blown down on Memphis Charlestown Rd.				
<b>A couple of isolated severe thunderstorms in southern Indiana produced hail and damaging winds.</b>				
<b>CRAWFORD COUNTY --- 1.7 N FREDONIA [38.20, -86.38], 0.8 NNW LEAVENWORTH [38.21, -86.36], 1.6 ESE LEAVENWORTH [38.19, -86.32], 1.1 SE LEAVENWORTH [38.19, -86.33]</b>				
	05/02/10 13:46 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 13:55 EST		0	Source: Trained Spotter
Water was flowing over US 66 north of Leavenworth and over US 62 west of Leavenworth.				
<b>JEFFERSON COUNTY --- DEPUTY [38.80, -85.65], 1.0 NW DEPUTY [38.81, -85.66], 1.8 WNW DEPUTY [38.81, -85.68], 1.3 WSW DEPUTY [38.79, -85.67]</b>				
	05/02/10 22:40 EST		0	Flood (due to Heavy Rain)
	05/03/10 07:45 EST		10K	Source: River/Stream Gage
The Muscatatuck River at Deputy crested around 20.8 feet around 230 AM EST on May 3. Flood stage at Deputy is 20 feet. At this level, some county roads are under water in northeastern Jefferson County.				
<b>WASHINGTON COUNTY --- FREDRICKSBURG [38.43, -86.18], 1.4 NNW FREDRICKSBURG [38.45, -86.19], 3.1 SE HARDINSBURG [38.43, -86.25], 3.3 SW FREDRICKSBURG [38.40, -86.23]</b>				
	05/03/10 02:20 EST		5K	Flood (due to Heavy Rain)
	05/03/10 07:50 EST		0	Source: River/Stream Gage
The Blue River at Fredericksburg crested at 20.4 feet around 545 AM EST on May 3. Flood stage at Fredericksburg is 20 feet. At this level, water begins to enter some basements near the river.				
<b>PERRY COUNTY --- 1.9 NW TELL CITY [37.97, -86.80], 0.9 WSW TELL CITY [37.95, -86.79], 1.0 WSW CANNELTON [37.92, -86.77], 2.8 SSE CANNELTON [37.88, -86.73], 1.0 SSW DODD [37.91, -86.67], 1.1 WNW DODD [37.93, -86.69], 1.6 N TELL CITY [37.97, -86.78]</b>				
	05/05/10 19:00 EST		0	Flood (due to Heavy Rain)
	05/08/10 21:30 EST		0	Source: River/Stream Gage
Reacting to the heavy rains of a few days before, the main stem of the Ohio River had some minor flooding. The Ohio River at Tell City crested around 40.8 feet at noon EST on May 7. Flood stage at Tell City is 38 feet. Minor flooding occurs at this level, with sections of Indiana Highway 66 closed between Rome and Derby, and above Cannelton. The floodwall begins to close at this level.				
<b>A stalled cold front over the Mississippi Valley spawned thunderstorms producing heavy rain from northern Mississippi through middle Tennessee and central Kentucky into southern Indiana. Storm total rainfall amounts of over three and a half inches caused river flooding on the flashy streams of south central Indiana.</b>				
<b>DUBOIS COUNTY --- IRELAND [38.42, -87.00]</b>				
	05/12/10 07:42 EST		0	Thunderstorm Wind (EG 52 kt)
	05/12/10 07:42 EST		0	Source: Law Enforcement
One tree was reported down in Ireland in northwest Dubois county.				

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<b>DUBOIS COUNTY --- ST HENRY [38.22, -86.93]</b>				
	05/12/10 07:54 EST		0	Thunderstorm Wind (EG 52 kt)
	05/12/10 07:54 EST		0	Source: Law Enforcement
One tree was reported down in Saint Henry in southeast Dubois county.				
<b>JEFFERSON COUNTY --- 1.0 WSW DEPUTY [38.79, -85.67], 1.9 WNW DEPUTY [38.81, -85.68], 1.7 NW DEPUTY [38.81, -85.68], 0.5 N DEPUTY [38.81, -85.65]</b>				
	05/12/10 15:20 EST		0	Flood (due to Heavy Rain)
	05/13/10 03:50 EST		0	Source: River/Stream Gage
The Muscatatuck River at Deputy crested around 22.1 feet at 10 PM EST on May 12. Flood stage at Deputy is 20 feet. Minor flooding occurs at this level, with some county roads under water in northwest Jefferson County.				
<b>A slow moving frontal boundary brought heavy rains to south central Indiana. With the ground saturated from rains earlier in the month, the additional rainfall caused some minor flooding along the Muscatatuck River. A couple of the thunderstorms also produced damaging wind gusts in Dubois county.</b>				
<b>ORANGE COUNTY --- FRENCH LICK [38.55, -86.62]</b>				
	05/21/10 16:51 EST		0	Thunderstorm Wind (EG 52 kt)
	05/21/10 16:51 EST		0	Source: Law Enforcement
Power lines were downed along State Road 56 in French Lick.				
<b>CRAWFORD COUNTY --- 1.4 NNW ENGLISH [38.35, -86.48]</b>				
	05/21/10 17:46 EST		0	Funnel Cloud
	05/21/10 17:46 EST		0	Source: Broadcast Media
Broadcast media reported on that that they had a video of a funnel cloud just northwest of English.				
<b>CRAWFORD COUNTY --- 0.5 E ENGLISH [38.33, -86.46]</b>				
	05/21/10 17:58 EST		0	Hail (0.75 in)
	05/21/10 17:58 EST		0	Source: Trained Spotter
<b>CRAWFORD COUNTY --- 1.4 N MILLTOWN [38.37, -86.27]</b>				
	05/21/10 18:32 EST		0	Funnel Cloud
	05/21/10 18:32 EST		0	Source: Broadcast Media
A Louisville TV meteorologist reported that while flying in the station's helicopter, he saw several funnel clouds in the four county area north of Milltown.				
<b>A weakening surface low was moving across Illinois towards Chicago on May 21. Southern Indiana was in the warm sector associated with this low. Daytime heating and destabilization led to scattered thunderstorms during the afternoon hours with some funnel cloud reports and isolated damaging winds gusts.</b>				
<b>KENTUCKY, Central</b>				
<b>JEFFERSON COUNTY --- 1.1 NE VALLEY STATION [38.13, -85.86], 1.2 NE VALLEY STATION [38.13, -85.85]</b>				
	05/01/10 04:15 EST		6K	Lightning
	05/01/10 04:15 EST		0	Source: Fire Department/Rescue
A lightning strike caused limbs to fly. Some of the limbs broke windows in homes along Rogers St. off West Pages Ln.				
<b>JEFFERSON COUNTY --- 1.5 NNW AUDUBON PARK [38.22, -85.74]</b>				
	05/01/10 04:20 EST		20K	Lightning
	05/01/10 04:20 EST		0	Source: Utility Company
Multiple power outages due to lightning were reported in Jefferson County.				
<b>SCOTT COUNTY --- GEORGETOWN [38.20, -84.55]</b>				

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	05/01/10 06:20 EST		20K	Lightning
	05/01/10 06:20 EST		0	Source: Utility Company

Multiple power outages were reported in the area due to lightning.

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### FAYETTE COUNTY --- 2.3 ESE LEXINGTON [38.04, -84.46]

	05/01/10 06:50 EST		20K	Lightning
	05/01/10 06:50 EST		0	Source: Utility Company

Multiple power outages were reported in the area due to lightning.

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### ALLEN COUNTY --- 1.2 NNW FOREST SPGS [36.67, -86.18], 1.2 NNW FOREST SPGS [36.67, -86.18], 1.2 NNW FOREST SPGS [36.67, -86.18], 1.2 NNW FOREST SPGS [36.67, -86.18]

	05/01/10 22:30 CST	1	15K	Flash Flood (due to Heavy Rain)
	05/01/10 22:30 CST		0	Source: Emergency Manager

Heavy rains caused flash flood on Snake Creek Road near Maple Grove Church Road. One person died when he reportedly got out of a vehicle that was overcome by flood waters and was swept away. M34VE.

Direct Fatalities: M34VE

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### OHIO COUNTY --- 1.6 E HARTFORD [37.45, -86.89]

	05/01/10 22:32 CST		0	Hail (1.00 in)
	05/01/10 22:32 CST		0	Source: Law Enforcement

Local law enforcement from the towns of Hartford, Beaver Dam, and Rockport in Ohio County reported quarter size hail.

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### OHIO COUNTY --- 1.8 NW DUNDEE [37.56, -86.81], 1.3 NNE DUNDEE [37.57, -86.77], 1.4 E DUNDEE [37.55, -86.75], 1.4 NE SUNNYDALE [37.54, -86.81], 1.2 NNW SUNNYDALE [37.55, -86.84], 0.8 SE ADABURG [37.57, -86.84]

	05/01/10 23:20 CST		25K	Flood (due to Heavy Rain)
	05/06/10 02:45 CST		0	Source: River/Stream Gage

The Rough River at Dundee crested at 28.7 feet around noon EST on May 3. Flood stage at Dundee is 25 feet. Moderate flooding occurs at this level, with the post office at Barretts Ferry flooded.

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### HART COUNTY --- MUNFORDVILLE [37.28, -85.90]

	05/02/10 00:32 CST		0	Hail (1.00 in)
	05/02/10 00:32 CST		0	Source: Law Enforcement

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### WARREN COUNTY --- 0.8 N BOWLING GREEN [36.99, -86.43], 1.1 NW BOWLING GREEN [36.99, -86.44], 1.2 NW BOWLING GREEN [36.99, -86.44], 0.9 W MT VICTOR [36.98, -86.40], 1.3 WNW MT VICTOR [36.99, -86.40]

	05/02/10 00:49 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 01:15 CST		0	Source: Trained Spotter

Water was flowing over the road at 10th and College St., Fairview Rd. and 31W, and from Mt. Victor Rd. to Lovers Ln.

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### WARREN COUNTY --- 2.3 E BLUE LEVEL [36.98, -86.49], 2.1 N MEMPHIS JCT [36.98, -86.48], 1.9 N MEMPHIS JCT [36.98, -86.49], 2.2 NNW MEMPHIS JCT [36.98, -86.49]

	05/02/10 00:54 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 00:54 CST		0	Source: Trained Spotter

Water was flowing over the road at Thames Valley Rd. and Veterans Memorial and at Robin Ave. and Jennings Dr.

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### LOGAN COUNTY --- 1.0 WSW AUBURN [36.86, -86.71], 0.4 SW AUBURN [36.87, -86.70], 0.5 SSW AUBURN [36.86, -86.70], 1.0 SW AUBURN [36.86, -86.71]

	05/02/10 01:30 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 01:50 CST		0	Source: Law Enforcement

Logan county dispatch reported flash flooding had caused problems along Main St. in Auburn.

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### GREEN COUNTY --- ALLENDALE [37.37, -85.58]

## Storm Data and Unusual Weather Phenomena - May 2010

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	05/02/10 01:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/02/10 01:45 CST		0	Source: Trained Spotter

Power lines were reported down due to strong winds.

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### EDMONSON COUNTY --- 1.2 ESE CHALYBEATE [37.12, -86.21], 2.5 SW PIG [37.10, -86.20], 2.9 S CHALYBEATE [37.09, -86.24], 1.2 SSW CHALYBEATE [37.11, -86.23]

	05/02/10 02:45 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 03:05 CST		0	Source: Law Enforcement

Flash flooding led to the closure of New Grove Rd. and Chalybeate School Rd. near 31W in southern Edmonson County.

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### LARUE COUNTY --- 1.3 WNW GATTON [37.48, -85.65], 0.8 E MT SHERMAN [37.45, -85.66], 2.2 NE MAGNOLIA [37.47, -85.72], 0.1 E BUFFALO [37.52, -85.70]

	05/02/10 03:50 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 04:15 EST		0	Source: Law Enforcement

Larue county dispatch reported flash flooding affecting Highways 61 and 470 in southeastern Larue county near the towns of Buffalo and Mount Sherman.

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### OHIO COUNTY --- 0.7 N BEAVER DAM [37.41, -86.88], 0.4 WNW HARTFORD [37.45, -86.93], 1.1 ENE TAFFY [37.55, -86.88], 1.8 SE MAGAN [37.58, -86.80], 1.0 WSW DAVIDSON [37.55, -86.74]

	05/02/10 03:50 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 04:14 CST		0	Source: Law Enforcement

Ohio county dispatch reported numerous road closures from Beaver Dam to Dundee.

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### BUTLER COUNTY --- 1.3 NNE DAVENPORT [37.20, -86.72], 1.6 SW WOODBURY [37.16, -86.67], 3.3 ENE WOODBURY [37.20, -86.59], 4.9 NNW LOGANSPORT [37.35, -86.80], 4.5 WNW LOGANSPORT [37.30, -86.86]

	05/02/10 04:00 CST		0.10M	Flood (due to Heavy Rain)
	05/11/10 19:50 CST		0	Source: COOP Observer

The Green River at Woodbury crested at 49.5 feet around 2 PM EST on May 5. Flood stage at Woodbury is 33 feet. Major flooding occurs at this level. Woodbury was nearly cut off, and parts of the town were flooded. U.S. Highway 231 near the William Natcher Parkway was flooded and Morgantown High School was cut off.

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### TAYLOR COUNTY --- 1.0 E LORAIN [37.35, -85.36], 0.9 SSE LORAIN [37.34, -85.37], 1.4 S CAMPBELLSVILLE ARPT [37.33, -85.32], 0.8 N CAMPBELLSVILLE ARPT [37.36, -85.32]

	05/02/10 04:13 EST		5K	Flash Flood (due to Heavy Rain)
	05/02/10 04:40 EST		0	Source: Law Enforcement

Taylor County law enforcement reported six inches of water in a home and a driveway flooded by water. The resident was not able to leave due to the driveway being washed out.

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### LOGAN COUNTY --- OLMSTEAD [36.75, -87.02]

	05/02/10 04:15 CST		0	Thunderstorm Wind (EG 61 kt)
	05/02/10 04:15 CST		0	Source: Emergency Manager

Several barns and sheds received structural damage. A mobile home was also moved off its foundation. Several trees were also blown down.

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### MARION COUNTY --- 0.1 NNE RAYWICK [37.55, -85.43], 0.3 NW RAYWICK [37.55, -85.43], 0.5 NNW RAYWICK [37.56, -85.43], 0.5 NNE RAYWICK [37.56, -85.43]

	05/02/10 04:15 EST		2K	Flash Flood (due to Heavy Rain)
	05/02/10 04:30 EST		0	Source: Law Enforcement

Heavy rainfall caused water to flow over a bridge on St. Francis Highway near Raywick. Debris from the water also blocked the roadway.

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### BUTLER COUNTY --- ROCHESTER [37.22, -86.90], 1.7 NW HUNTSVILLE [37.19, -86.92], 0.9 W DAVENPORT [37.18, -86.75], 1.2 ESE MINING CITY [37.22, -86.76], 3.9 NNW PROVO [37.28, -86.86]

	05/02/10 05:00 CST		75K	Flood (due to Heavy Rain)
	05/16/10 00:40 CST		0	Source: COOP Observer

The Green River at Rochester Ferry crested at 28.6 feet around 6 AM EST on May 7. Flood stage at Rochester is 17 feet. Moderate flooding occurs at this level, with water in basements of some homes in Rochester. Sections of Kentucky Highway 70 and Highway 1117 were closed by high water.

## Storm Data and Unusual Weather Phenomena - May 2010

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<b>HART COUNTY --- 0.3 NNE ROWLETTS [37.23, -85.90], 1.9 SW ROWLETTS [37.21, -85.92], 1.4 W ROWLETTS [37.23, -85.93], 0.9 N ROWLETTS [37.24, -85.90]</b>				
	05/02/10 06:43 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 07:03 CST		0	Source: Department of Highways
Kentucky 335 between the 2 and 3 mile markers was closed due to high water.				
<b>SCOTT COUNTY --- 1.0 N GREAT CROSSING [38.23, -84.60], 2.7 NNE GEORGETOWN [38.23, -84.53], 1.8 SE GEORGETOWN [38.18, -84.53], 2.6 NNE PAYNES DEPOT [38.18, -84.59]</b>				
	05/02/10 07:00 EST		75K	Flood (due to Heavy Rain)
	05/02/10 09:30 EST		0	Source: Emergency Manager
Three to six inches of rain across Scott county May 1-2 led to areal flooding in spots across the county on the 2nd.				
<b>SHELBY COUNTY --- 1.6 WNW SHELBYVILLE [38.22, -85.26], 0.4 NE SHELBYVILLE [38.22, -85.23], 1.0 S SNOW HILL [38.21, -85.22], 1.2 E JOYES [38.20, -85.26]</b>				
	05/02/10 07:00 EST		75K	Flood (due to Heavy Rain)
	05/02/10 09:30 EST		0	Source: Emergency Manager
Four to six inches of rain across Shelby county May 1-2 led to areal flooding in spots across the county on the 2nd.				
<b>SPENCER COUNTY --- 0.6 N TAYLORSVILLE [38.04, -85.35], 0.9 ENE TAYLORSVILLE [38.04, -85.34], 0.8 ESE TAYLORSVILLE [38.03, -85.34], 0.2 S TAYLORSVILLE [38.03, -85.35]</b>				
	05/02/10 07:00 EST		75K	Flood (due to Heavy Rain)
	05/02/10 09:30 EST		0	Source: Emergency Manager
Four to six inches of rain across Spencer county May 1-2 led to areal flooding in spots across the county on the 2nd.				
<b>WASHINGTON COUNTY --- 0.8 W SPRINGFIELD [37.68, -85.23], 1.2 NNW SPRINGFIELD [37.70, -85.23], 1.0 NE SPRINGFIELD [37.69, -85.20], 0.6 ESE SPRINGFIELD [37.68, -85.21]</b>				
	05/02/10 07:00 EST		75K	Flood (due to Heavy Rain)
	05/02/10 09:30 EST		0	Source: Emergency Manager
Six to eight inches of rain across Spencer county May 1-2 led to areal flooding in spots across the county on the 2nd.				
<b>FRANKLIN COUNTY --- 1.3 WSW FRANKFORT [38.19, -84.87], 0.5 SE FRANKFORT [38.19, -84.84], 0.3 ENE CLIFFSIDE [38.17, -84.84], 0.8 SW BIG EDDY [38.16, -84.88]</b>				
	05/02/10 07:15 EST		5K	Flash Flood (due to Heavy Rain)
	05/02/10 07:45 EST		0	Source: Emergency Manager
A couple of county roads were temporarily obstructed by debris and rocks from water flowing over the roads.				
<b>CLARK COUNTY --- 0.7 SSE WYANDOTTE [38.04, -84.25], 1.5 NE WINCHESTER HELIPORT [38.03, -84.15], 2.8 ESE WINCHESTER [37.97, -84.13], 1.8 NNE FOREST GROVE [37.98, -84.22]</b>				
	05/02/10 07:20 EST		0.10M	Flood (due to Heavy Rain)
	05/02/10 10:00 EST		0	Source: Emergency Manager
Six to eight inches of rain across Clark county May 1-2 led to areal flooding in spots across the county on the 2nd.				
<b>FAYETTE COUNTY --- 8.6 SSW LITTLE TEXAS [37.90, -84.69], 4.5 NNW YARNALLTON [38.16, -84.62], 1.8 E JIMTOWN [38.18, -84.34], 3.0 E ATHENS [37.95, -84.31]</b>				
	05/02/10 07:20 EST		0.10M	Flood (due to Heavy Rain)
	05/02/10 10:00 EST		0	Source: Emergency Manager
Six to seven inches of rain across Fayette county May 1-2 led to areal flooding in spots across the county on the 2nd.				
<b>MONROE COUNTY --- 4.3 W TOMPKINSVILLE [36.70, -85.76], 1.4 E TOMPKINSVILLE [36.70, -85.65]</b>				
	05/02/10 07:35 CST		5K	Tornado (EF0, L: 5.70 mi , W: 50 yd)
	05/02/10 07:37 CST		0	Source: NWS Storm Survey

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A NWS storm survey confirmed that a tornado touched down around 835 am CDT 4.3 miles west of Tompkinsville. A tobacco barn and several trees were damaged. The tornado then traveled east around 5.7 miles and lifted 1.4 miles east of Tompkinsville after damaging several trees. The tornado was rated EF-0 with estimated winds of 80 to 85 mph.

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**HARDIN COUNTY --- 3.8 ESE TUNNEL HILL [37.71, -85.76], 3.7 E TUNNEL HILL [37.72, -85.76], 4.5 SE COLESBURG [37.73, -85.72], 5.1 SE COLESBURG [37.73, -85.72]**

	05/02/10 07:40 EST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:05 EST	0	Source: Department of Highways

Water was covering both of the eastbound lanes of the Bluegrass Parkway between mile markers 5 and 8.

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**ALLEN COUNTY --- 2.7 SW CEDAR SPGS [36.80, -86.13]**

	05/02/10 07:52 CST	0	Heavy Rain
	05/02/10 07:52 CST	0	Source: CoCoRaHS

A long time resident noted that water in the fiels was the highest he had seen in decades. The observer measured 5.7 inches in storm total precipitation since early May 1st.

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**BULLITT COUNTY --- 1.7 ESE STIBBINS [38.01, -85.85], 0.8 ESE STIBBINS [38.02, -85.87], 0.4 NE CUIPIO [38.00, -85.88], 1.3 E CUIPIO [38.00, -85.86]**

	05/02/10 08:04 EST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:30 EST	0	Source: Public

Water was rapidly rising near KY 44 and Knob Creek Rd. The public reported that water was covering Highway 44.

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**BUTLER COUNTY --- 3.5 S QUALITY [37.02, -86.85], 3.3 SSE QUALITY [37.02, -86.84], 4.4 S QUALITY [37.01, -86.85], 4.1 S QUALITY [37.01, -86.85]**

	05/02/10 08:07 CST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:30 CST	0	Source: Department of Highways

Dallam Creek Bridge Rd. was closed between mile markers 4 and 6.

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**EDMONSON COUNTY --- 0.8 WNW ASPHALT [37.18, -86.36], 1.1 NW ASPHALT [37.19, -86.36], 0.9 SSE SEGAL [37.19, -86.38], 1.2 SSE SEGAL [37.18, -86.38]**

	05/02/10 08:08 CST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:30 CST	0	Source: Department of Highways

Segal Rd. was closed between mile marker 4 and 5.

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**LOGAN COUNTY --- 0.6 WNW JERICO [37.00, -86.98], 1.9 NNE BEECHLAND [37.06, -86.89], 2.0 S BEECHLAND [37.00, -86.90], 1.6 W EDWARDS [36.97, -86.96]**

	05/02/10 08:09 CST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:35 CST	0	Source: Department of Highways

Deerlick Rd. was closed between mile markers 4 and 5. Cooperstown-Quality Rd. was closed due to high water. Beechland and Gordonsville roads were closed due to high water.

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**SIMPSON COUNTY --- 2.0 SW PROVIDENCE [36.65, -86.70], 1.3 WSW PROVIDENCE [36.66, -86.69], 1.0 WSW PROVIDENCE [36.66, -86.69], 1.7 SW PROVIDENCE [36.65, -86.69]**

	05/02/10 08:11 CST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:35 CST	0	Source: Department of Highways

Springfield Rd. was closed between mile markers 4 and 6.

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**WARREN COUNTY --- 0.7 ESE COHRON [37.03, -86.62], 0.6 SE COHRON [37.02, -86.62], 1.1 SE COHRON [37.02, -86.62], 1.6 ESE COHRON [37.02, -86.60], 1.6 E COHRON [37.03, -86.60]**

	05/02/10 08:12 CST	0	Flash Flood (due to Heavy Rain)
	05/02/10 08:40 CST	0	Source: Department of Highways

Jackson Bridge Rd. was closed between mile marker 3 and 4.

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**ADAIR COUNTY --- 1.8 NW COLUMBIA [37.12, -85.33], 1.2 W GARLIN [37.12, -85.27], 1.9 SE COLUMBIA [37.08, -85.28], 0.7 ENE COLUMBIA LUDOT ARPT [37.08, -85.32]**

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	05/02/10 09:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/02/10 11:00 CST		0	Source: Emergency Manager

Numerous roads across the county were closed due to flash flooding. A total of eight to ten inches of rain fell across Adair county from May 1-2.

**BOYLE COUNTY --- 0.6 WNW PERRYVILLE [37.65, -84.96], 0.8 WSW PERRYVILLE [37.65, -84.96], 0.8 SE PERRYVILLE [37.64, -84.94], 0.4 ENE PERRYVILLE [37.65, -84.94]**

	05/02/10 09:00 EST		25K	Flash Flood (due to Heavy Rain)
	05/02/10 09:30 EST		0	Source: Emergency Manager

There were numerous reports of flooded and closed roads countywide. Five homes were evacuated due to rising water in a subdivision of Perryville.

**LARUE COUNTY --- MAGNOLIA [37.45, -85.75]**

	05/02/10 09:19 EST		0	Heavy Rain
	05/02/10 09:19 EST		0	Source: CoCoRaHS

A CoCoRaHS observer reported 5.23 inches of rain during the previous 24 hours.

**LINCOLN COUNTY --- 9.1 ENE PREACHERSVILLE [37.59, -84.38], 9.9 ENE PREACHERSVILLE [37.59, -84.37], 10.0 ENE PREACHERSVILLE [37.60, -84.37], 9.4 ENE PREACHERSVILLE [37.60, -84.38]**

	05/02/10 09:20 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 09:40 EST		0	Source: Emergency Manager

Six inches of water was flowing over Frog Branch Rd. near Hustonville resulting in a road closure. Flooding was also occurring in Stanford at the intersection of State Roads 27 and 78.

**CUMBERLAND COUNTY --- MARROWBONE [36.82, -85.50], 1.5 NE MARROWBONE [36.84, -85.48], 0.0 N WATERVIEW [36.82, -85.45], 0.7 SSW WATERVIEW [36.81, -85.45]**

	05/02/10 09:53 CST		0	Flood (due to Heavy Rain)
	05/02/10 09:53 CST		0	Source: Trained Spotter

Kentucky 90 was closed due to high water.

**GREEN COUNTY --- 5.9 SE HASKINGSVILLE [37.12, -85.33], 7.3 SSE HASKINGSVILLE [37.08, -85.34], 5.3 S HASKINGSVILLE [37.10, -85.38], 3.0 S HASKINGSVILLE [37.14, -85.40]**

	05/02/10 09:53 CST		0	Flash Flood (due to Heavy Rain)
	05/02/10 10:15 CST		0	Source: Law Enforcement

Kentucky 61 was closed from mile marker 1 to 2 due to high water. KY 487 was also closed at the 1 mile marker due to flooding.

**RUSSELL COUNTY --- 0.5 NNE ESTO [37.01, -85.10], 1.5 SE MIDDLETOWN [37.00, -85.05], 1.6 E JAMESTOWN [36.98, -85.04], 0.9 WSW JAMESTOWN [36.98, -85.08]**

	05/02/10 10:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/02/10 14:00 CST		0	Source: Emergency Manager

Numerous roads across the county were closed due to flash flooding. A total of eight to ten inches of rain fell across Russell county from May 1-2.

**LINCOLN COUNTY --- 1.2 NW HUSTONVILLE [37.48, -84.84], 1.0 NNE HUSTONVILLE [37.48, -84.81], 1.0 E HUSTONVILLE [37.47, -84.80], 0.6 WSW HUSTONVILLE [37.47, -84.83]**

	05/02/10 10:24 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 10:24 EST		0	Source: Public

The public reported water covering streets and bridges.

**CLINTON COUNTY --- 1.0 SE WAGO [36.71, -85.16], 1.7 SSW UPCHURCH [36.71, -85.11], 1.1 ENE ALBANY [36.68, -85.11], 1.2 WNW ALBANY [36.68, -85.15]**

	05/02/10 11:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/02/10 15:00 CST		0	Source: Emergency Manager

Numerous roads across the county were closed due to flash flooding. A total of seven to ten inches of rain fell across Clinton county from May 1-2.

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CUMBERLAND COUNTY --- 1.4 NNW BURKESVILLE [36.80, -85.38], 0.6 WNW DOUGAN TOWN [36.80, -85.36], 0.6 SW DOUGAN TOWN [36.79, -85.36], 0.4 WNW BURKESVILLE [36.78, -85.38]</b>				
	05/02/10 11:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/02/10 17:00 CST		0	Source: Emergency Manager
Numerous roads across the county were closed due to flash flooding. A total of five to eight inches of rain fell across Cumberland county from May 1-2.				

<b>EDMONSON COUNTY --- 5.0 E BROWNSVILLE [37.18, -86.18], 2.0 S OLLIE [37.22, -86.18], 1.3 E LINDSEYVILLE [37.23, -86.28], 1.1 ENE ASPHALT [37.19, -86.33], 5.0 SW BROWNSVILLE [37.13, -86.33], 1.9 ENE NICK [37.14, -86.29], 0.6 E BROWNSVILLE [37.18, -86.26]</b>				
	05/02/10 11:00 CST		0.10M	Flood (due to Heavy Rain)
	05/08/10 07:00 CST		0	Source: River/Stream Gage
The Green River at Brownsville crested at 37.5 feet around 645 AM EST on May 5. Flood stage at Brownsville is 18 feet. Moderate flooding occurs at this level, with homes in the bottom land flooded.				

<b>METCALFE COUNTY --- 0.8 W CEDAR FLAT [36.95, -85.61], 1.4 SSE CAVE RIDGE [36.98, -85.66], 0.4 S CLARKS CORNER [37.02, -85.65], 1.0 WNW CORK [37.04, -85.59], 0.6 SSW GASCON [36.99, -85.57], 1.0 N CURTIS [36.94, -85.57]</b>				
	05/02/10 11:00 CST		0.30M	Flash Flood (due to Heavy Rain)
	05/02/10 17:00 CST		0	Source: Emergency Manager
Numerous roads across the county were closed due to flash flooding, and Dunham Lake dam on the north side of Edmonton was in danger of failing when water surging over the spillway eroded up to 7 feet of earth away from both sides of the concrete spillway. The rushing water also washed away the shoulder of a roadway immediately downstream of the dam. A total of eight to ten inches of rain fell across Metcalfe county from May 1-2.				

<b>MONROE COUNTY --- 2.0 WNW TOMPKINSVILLE [36.71, -85.71], 0.5 S GRANDVIEW [36.71, -85.68], 0.1 SSW TOMPKINSVILLE [36.70, -85.68], 1.4 WSW TOMPKINSVILLE [36.70, -85.70]</b>				
	05/02/10 11:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/02/10 17:00 CST		0	Source: Emergency Manager
Numerous roads across the county were closed due to flash flooding. A total of six to ten inches of rain fell across Monroe county from May 1-2.				

<b>TRIMBLE COUNTY --- 1.4 NNW BEDFORD [38.60, -85.33], 1.3 NNE BEDFORD [38.60, -85.31], 0.9 NNE BEDFORD [38.59, -85.31], 0.8 N BEDFORD [38.59, -85.32]</b>				
	05/02/10 11:00 EST		75K	Flash Flood (due to Heavy Rain)
	05/02/10 15:00 EST		0	Source: Emergency Manager
Multiple roads across the county were closed due to flash flooding. A total of three to four inches of rain fell across Trimble county from May 1-2.				

<b>BULLITT COUNTY --- CLERMONT [37.92, -85.65], 0.8 N CLERMONT [37.93, -85.65], 0.3 W LIMESTONE [37.93, -85.68], 0.3 WSW LIMESTONE SPGS [37.92, -85.68]</b>				
	05/02/10 11:11 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 11:11 EST		0	Source: Public
One lane of KY 245 was blocked due to high water near Bernheim Forest.				

<b>ALLEN COUNTY --- 2.8 WNW MAYNARD [36.78, -86.13], 2.4 W AMOS [36.64, -86.12], 2.2 WNW FLEET [36.66, -86.32], 1.3 W RED HILL [36.73, -86.32], 1.6 SW HALIFAX [36.82, -86.25]</b>				
	05/02/10 11:30 CST		15K	Flash Flood (due to Heavy Rain)
	05/02/10 16:30 CST	1	0	Source: Emergency Manager
Heavy rains continued to send flash flood waters over many roads in the county. A 72-year old male sustained a broken arm when flood waters washed his pickup off of KY Highway 482 near a bridge on Pleasant Ridge Church Road by the raging flood waters of Drakes Creek. A daring ladder truck rescue of the man from his truck - which was wedged into a fence by the flood waters - was captured on film by the editor of the local newspaper.				

<b>LINCOLN COUNTY --- WAYNESBURG [37.33, -84.68], 0.4 NNE WAYNESBURG [37.34, -84.68], 1.0 ENE WAYNESBURG [37.34, -84.66], 0.7 E WAYNESBURG [37.33, -84.67]</b>				
	05/02/10 11:32 EST		10K	Flash Flood (due to Heavy Rain)
	05/02/10 11:50 EST		0	Source: Public
The public reported flooding in Waynesburg with water entering buildings.				

<b>BARREN COUNTY --- 1.6 SE DRY FORK [36.81, -85.90], 1.7 ESE DRY FORK [36.81, -85.89], 1.6 SSW ETOILE [36.81, -85.89], 1.6 ESE DRY FORK [36.81, -85.89]</b>				
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## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/02/10 12:00 CST	1	15K	Flash Flood (due to Heavy Rain)
	05/02/10 17:00 CST		0	Source: Emergency Manager

Flash flooding caused flooding on portions of Dover Church Road. One fatality occurred when a person reportedly got out of her vehicle, was overcome by flood waters and was swept away. F27VE.

Direct Fatalities: F27VE

**NICHOLAS COUNTY --- 3.6 W ABNER [38.45, -84.02], 1.2 S ABNER [38.43, -83.95], 1.1 NW FLORA [38.39, -83.98], 2.6 NW OAKLAND MILLS [38.43, -84.06]**

05/02/10 12:10 EST	0	Flood (due to Heavy Rain)
05/07/10 19:00 EST	50K	Source: COOP Observer

The Licking River at Blue Licks Spring crested around 41.0 feet at 945 AM EST on May 5. Flood stage at Blue Licks Spring is 25 feet. Minor flooding occurs at this level, but the moderate level is at 42 feet, where water begins to enter the observer's house. At 30 feet, there is some flooding of crop land.

**MADISON COUNTY --- 2.0 SSW RICHMOND [37.72, -84.31], 2.0 W REEDS CROSSING [37.72, -84.26], 2.6 NE RICHMOND [37.77, -84.26], 1.8 NW RICHMOND [37.77, -84.32]**

05/02/10 12:18 EST	50K	Flash Flood (due to Heavy Rain)
05/02/10 16:40 EST	0	Source: Fire Department/Rescue

The fire department responded to flooded homes and mobile homes where people were trapped due to rising water. Evacuations also took place.

**BRECKINRIDGE COUNTY --- 2.1 S WEBSTER [37.85, -86.33], 1.5 N BASIN SPG [37.85, -86.30], 0.6 NW BASIN SPG [37.84, -86.31], 1.6 WNW BASIN SPG [37.84, -86.33]**

05/02/10 12:20 CST	0	Flash Flood (due to Heavy Rain)
05/02/10 12:20 CST	0	Source: Department of Highways

Multiple roads were closed countywide due to flood waters, including KY 333 between mile markers 15 and 16, KY 690 between the 16 and 17 mile markers, and KY 2199 between the 1 and 2 mile markers.

**GRAYSON COUNTY --- 1.3 SW SPRING LICK [37.44, -86.59], 1.3 SSE SPRING LICK [37.43, -86.56], 1.8 SSE SPRING LICK [37.43, -86.56], 1.7 N NEAFUS [37.42, -86.58]**

05/02/10 12:21 CST	0	Flash Flood (due to Heavy Rain)
05/02/10 12:45 CST	0	Source: Department of Highways

Multiple roads were closed due to high water in Grayson County including KY 878 between mile markers 2 and 3, US 62 between the 7 and 8 mile markers, and portions of KY 224.

**TAYLOR COUNTY --- 0.6 E CAMPBELLSVILLE [37.33, -85.34], 0.7 E CAMPBELLSVILLE [37.33, -85.34], 1.0 ENE CAMPBELLSVILLE [37.33, -85.33], 1.0 ENE CAMPBELLSVILLE [37.33, -85.33]**

05/02/10 12:31 EST	20K	Flash Flood (due to Heavy Rain)
05/02/10 12:55 EST	0	Source: Emergency Manager

A water rescue was in progress at the time of the call with a car trapped on Lincoln Ave. The rescue was successful.

**BOURBON COUNTY --- PARIS [38.22, -84.25], 1.1 S BRENTSVILLE [38.21, -84.28], 2.3 SSW PARIS [38.19, -84.27], 2.4 S PARIS [38.19, -84.25], 2.3 ESE PARIS [38.21, -84.21]**

05/02/10 12:45 EST	0.25M	Flood (due to Heavy Rain)
05/04/10 15:45 EST	0	Source: COOP Observer

Stoner Creek at Paris crested around 26.2 feet at noon EST on May 3. Flood stage at Paris is 18 feet. Major flooding occurs at this level, with water entering homes and businesses.

**CASEY COUNTY --- 1.2 ESE KIDDS STORE [37.41, -84.85], 0.8 ESE KIDDS STORE [37.41, -84.86], 0.9 ESE KIDDS STORE [37.42, -84.85], 1.0 ESE KIDDS STORE [37.42, -84.85]**

05/02/10 12:50 EST	0	Flash Flood (due to Heavy Rain)
05/02/10 13:20 EST	0	Source: Broadcast Media

Two feet of water was covering US 127 at KY 906 in Casey County.

**MONROE COUNTY --- 2.9 NNW GAMALIEL [36.67, -85.80]**

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/02/10 12:55 CST		0	Thunderstorm Wind (EG 52 kt)
	05/02/10 12:55 CST		0	Source: Emergency Manager

A tree was blown down and it was blocking Fountain Run Rd.

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**LINCOLN COUNTY --- MC KINNEY [37.45, -84.77], 0.6 NE MC KINNEY [37.46, -84.76], 1.2 ENE MC KINNEY [37.46, -84.75], 0.9 ESE MC KINNEY [37.45, -84.75]**

	05/02/10 13:04 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 13:40 EST		0	Source: Law Enforcement

A woman and her child were swept away by flood waters. They were successfully rescued by law enforcement.

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**GARRARD COUNTY --- 0.8 NW LANCASTER [37.63, -84.59], 0.8 ENE LANCASTER [37.63, -84.57], 0.9 SE LANCASTER [37.61, -84.57], 0.7 SW LANCASTER [37.61, -84.59]**

	05/02/10 13:07 EST		20K	Flash Flood (due to Heavy Rain)
	05/02/10 13:27 EST		0	Source: Trained Spotter

There were several houses with water in the basement. Bethel Christian Church had 6 feet of water inside.

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**MEADE COUNTY --- 8.3 WSW HAYSVILLE [37.87, -86.40], 6.9 WSW HAYSVILLE [37.87, -86.37], 7.3 WSW HAYSVILLE [37.86, -86.38], 8.0 WSW HAYSVILLE [37.86, -86.39]**

	05/02/10 13:22 EST		0	Flash Flood (due to Heavy Rain)
	05/02/10 13:50 EST		0	Source: Department of Highways

Kentucky 261 at mile marker 1 was closed due to high water.

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**HART COUNTY --- 0.8 S HINESDALE [37.32, -85.82], MUNFORDVILLE [37.28, -85.90], 0.7 SE FORESTVILLE [37.26, -85.99], 0.7 SE NORTHTOWN [37.21, -85.97], 1.4 ENE ROWLETTS [37.24, -85.88], 5.0 E MUNFORDVILLE [37.28, -85.81]**

	05/02/10 13:50 CST		0	Flood (due to Heavy Rain)
	05/06/10 17:20 CST		50K	Source: River/Stream Gage

The Green River at Munfordville crested at 51.9 feet around 5 AM EST on May 4. Flood stage at Munfordville is 28 feet. Moderate flooding occurs at this level, with the city park below the U.S. 31W bridge flooded, and most agricultural bottom land flooded.

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**TAYLOR COUNTY --- 0.6 WNW ELK HORN [37.32, -85.29], 0.9 N ELK HORN [37.33, -85.28], 0.9 NE ELK HORN [37.33, -85.27], 0.1 NNW ELK HORN [37.32, -85.28]**

	05/02/10 13:57 EST		20K	Flash Flood (due to Heavy Rain)
	05/02/10 13:57 EST		0	Source: Law Enforcement

A swift water rescue occurred on Highway 70 east of Campbellsville. Two people were successfully rescued from their vehicle.

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**WARREN COUNTY --- 1.1 SSE MT VICTOR [36.97, -86.37], BOWLING GREEN [36.98, -86.43], 2.6 NE BLUE LEVEL [37.01, -86.50], 4.0 N BOWLING GREEN [37.04, -86.44], 0.9 NNE BRISTOW [37.03, -86.36]**

	05/02/10 14:15 CST		0.75M	Flood (due to Heavy Rain)
	05/05/10 11:05 CST		0	Source: COOP Observer

The Barren River at Bowling Green crested at 43.7 feet around 315 PM EST on May 3. Flood stage at Bowling Green is 28 feet. Moderate flooding occurs at this level, which is about 1.3 feet below the major flood stage. Several homes were flooded, the Beech Bend Racetrack was flooded, as were the approaches to the Kentucky 185 bridge.

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**BARREN COUNTY --- 1.8 NW GLASGOW [37.00, -85.92]**

	05/02/10 14:16 CST		0	Heavy Rain
	05/02/10 14:16 CST		0	Source: Trained Spotter

A trained spotter reported a total of 8 inches of rain measures since early May 1.

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**JEFFERSON COUNTY --- 1.1 E SOUTH PARK [38.13, -85.75], 1.0 W MINOR LANE HGTS [38.13, -85.75], 1.3 SW MINOR LANE HGTS [38.12, -85.75], 1.5 SW MINOR LANE HGTS [38.12, -85.75]**

	05/02/10 14:30 EST		0	Flood (due to Heavy Rain)
	05/02/10 14:30 EST		0	Source: Emergency Manager

National Turnpike at the Gene Snyder Freeway was closed due to standing water. National Turnpike was also closed at Outer Loop.

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CASEY COUNTY --- 1.2 E LIBERTY [37.32, -84.93], 1.6 E LIBERTY [37.32, -84.92], 1.6 E LIBERTY [37.32, -84.92], 1.2 ESE LIBERTY [37.31, -84.93]</b>	05/02/10 15:09 EST		0	Flood (due to Heavy Rain)
	05/02/10 15:30 EST		0	Source: Trained Spotter

Kentucky 70 at KY 1649 near Liberty was closed with 6 inches of water covering the intersection.

<b>NELSON COUNTY --- BOSTON [37.78, -85.67], 1.8 NW GETHSEMANE [37.67, -85.55], 0.2 SSE NEW HAVEN [37.65, -85.60], 3.2 WSW BOSTON [37.76, -85.72]</b>	05/02/10 15:35 EST		0.75M	Flood (due to Heavy Rain)
	05/08/10 02:00 EST		0	Source: River/Stream Gage

The Rolling Fork River at Boston crested around 50.7 feet at 730 PM EST on May 4. Flood stage at Boston is 35 feet. Major flooding occurs at this level, with water in businesses and homes in Boston and New Haven.

<b>MADISON COUNTY --- 2.2 ESE MILLION [37.77, -84.34], 2.4 ESE MILLION [37.76, -84.34], 1.7 SE MILLION [37.76, -84.36], 1.5 SE MILLION [37.77, -84.36]</b>	05/02/10 16:51 EST		0	Flood (due to Heavy Rain)
	05/02/10 16:51 EST		0	Source: Fire Department/Rescue

At the time of the call a swift water rescues were taking place on Tates Creek Rd. in Richmond and at Simpson Ln. west of Ford.

<b>MADISON COUNTY --- 5.6 ENE DOYLESVILLE [37.85, -84.07], 5.5 NNE REDHOUSE [37.91, -84.25], 4.9 N REDHOUSE [37.90, -84.28], 2.4 N REDHOUSE [37.87, -84.27], 3.2 ENE DOYLESVILLE [37.84, -84.11]</b>	05/02/10 17:10 EST		10K	Flood (due to Heavy Rain)
	05/05/10 18:30 EST		0	Source: River/Stream Gage

The Kentucky River at Ford Lock crested at 32.3 feet around 1015 AM EST on May 3. Flood stage at Ford is 26 feet. At this level, some offices at the Fort Boonesborough State Park are flooded, and some homes along Kentucky Highway 388 are threatened by flood waters.

<b>MADISON COUNTY --- 2.2 NNW REEDS CROSSING [37.76, -84.24], 2.0 NNW REEDS CROSSING [37.75, -84.24], 1.7 NNW REEDS CROSSING [37.75, -84.23], 2.0 NNW REEDS CROSSING [37.76, -84.23]</b>	05/02/10 17:19 EST		0	Flood (due to Heavy Rain)
	05/02/10 17:19 EST		0	Source: Fire Department/Rescue

At the time of the call a swift water rescue was taking place on Concord Rd.

<b>CASEY COUNTY --- 1.1 E LIBERTY [37.32, -84.93], 1.8 WNW LANHAMTOWN [37.34, -84.91], 1.5 N LANHAMTOWN [37.35, -84.88], 0.7 NE LANHAMTOWN [37.34, -84.87], 2.0 WSW LANHAMTOWN [37.31, -84.91]</b>	05/02/10 17:47 EST		0	Flood (due to Heavy Rain)
	05/02/10 17:47 EST		0	Source: Trained Spotter

Multiple roads were closed throughout Casey county. Several residences were flooded and several motorists were stranded. Highways 127, 70, and 501 were all impassable in spots.

<b>MADISON COUNTY --- 0.1 WSW REDHOUSE [37.83, -84.27], 0.1 WSW REDHOUSE [37.83, -84.27], 0.1 WSW REDHOUSE [37.83, -84.27], 0.1 WSW REDHOUSE [37.83, -84.27]</b>	05/02/10 18:40 EST	1	20K	Flash Flood (due to Heavy Rain)
	05/02/10 18:40 EST		0	Source: Emergency Manager

The heavy rains over the previous 24 hours caused the creek flowing by a home to flood the house. One person died in the home when they began shaking and collapsed in the water. The cause of death was found to be drowning and electrocution due to submersion. M65PH.

Direct Fatalities: M65PH

<b>ANDERSON COUNTY --- 0.3 NE NINEVAH [38.08, -84.88], 1.3 WSW TYRONE [38.02, -84.85], 0.9 W TYRONE [38.03, -84.85], 2.1 NW TYRONE [38.05, -84.85], 2.5 ENE NINEVAH [38.09, -84.84]</b>	05/02/10 20:00 EST		0.10M	Flood (due to Heavy Rain)
	05/06/10 06:00 EST		0	Source: Emergency Manager

Six to seven inches of rain fell over Anderson county from May 1-2. This caused major flooding on the Kentucky River that lasted many days before receding.

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>JESSAMINE COUNTY --- 0.3 NNE HIGH BRIDGE [37.82, -84.72], 1.6 SW WILMORE [37.83, -84.69], 1.5 S WILMORE [37.83, -84.67], 2.7 ESE HIGH BRIDGE [37.81, -84.67], 2.5 SSE WILMORE [37.81, -84.66], 1.2 SSE WILMORE [37.83, -84.66], 1.6 SW WILMORE [37.84, -84.69]</b>				
	05/02/10 20:00 EST		0.10M	Flood (due to Heavy Rain)
	05/06/10 06:00 EST		0	Source: Emergency Manager
Six to eight inches of rain fell over Mercer county from May 1-2. This caused major flooding on the Kentucky River that lasted many days before receding.				
<b>MERCER COUNTY --- 0.7 ESE SALVISA [37.92, -84.86], 0.5 W SHAKERTOWN [37.82, -84.74], 0.9 NW SHAKERTOWN [37.83, -84.74], 2.2 ESE EBENEZER [37.87, -84.78], 1.4 SSE OREGON [37.90, -84.82]</b>				
	05/02/10 20:00 EST		0.10M	Flood (due to Heavy Rain)
	05/06/10 06:00 EST		0	Source: Emergency Manager
Six to seven inches of rain fell over Mercer county from May 1-2. This caused major flooding on the Kentucky River that lasted many days before receding.				
<b>WOODFORD COUNTY --- 1.4 NNE CLIFTON [38.10, -84.82], 1.7 ESE CAMP OTONKA [37.94, -84.77], 1.1 SSE CAMP OTONKA [37.94, -84.79], 0.7 S CLIFTON [38.07, -84.83]</b>				
	05/02/10 20:00 EST		0.10M	Flood (due to Heavy Rain)
	05/06/10 06:00 EST		0	Source: Emergency Manager
Six to seven inches of rain fell over Mercer county from May 1-2. This caused major flooding on the Kentucky River that lasted many days before receding.				
<b>JESSAMINE COUNTY --- 0.8 WSW HIGH BRIDGE [37.82, -84.73], 4.4 NW HIGH BRIDGE [37.86, -84.78], 2.9 NNW WILMORE [37.89, -84.69], 2.5 ENE WILMORE [37.86, -84.63]</b>				
	05/02/10 20:15 EST		0.50M	Flood (due to Heavy Rain)
	05/06/10 09:45 EST		0	Source: COOP Observer
The Kentucky River at High Bridge Lock crested around 42.6 feet at 1 PM EST on May 4. Flood stage at High Bridge is 30 feet. Major flooding occurs at this level, with a large section of Wilmore flooded.				
<b>LINCOLN COUNTY --- 0.2 SSW STANFORD [37.53, -84.67], 0.1 S STANFORD [37.53, -84.67], 0.2 SSE STANFORD [37.53, -84.67], 0.2 S STANFORD [37.53, -84.67]</b>				
	05/02/10 21:00 EST	1	30K	Flash Flood (due to Heavy Rain)
	05/02/10 21:00 EST		0	Source: Emergency Manager
Heavy rains caused flash flooding of the Hanging Fork River on KY 300 near Stanford. One person died when a van with multiple passengers was swept off the road into the river. The driver of the van exited the vehicle and climbed onto the roof. He then lost his grip and fell into the rushing water. M47VE.				
Direct Fatalities: M47VE				
<b>FRANKLIN COUNTY --- 1.3 WSW FRANKFORT [38.19, -84.87], 1.2 NNE FRANKFT CPTL CITY AR [38.20, -84.89], 1.3 ESE CHOATEVILLE [38.22, -84.88], 1.0 NW FRANKFORT [38.21, -84.86], 1.3 W FRANKFORT [38.20, -84.87], 0.8 WSW FRANKFORT [38.20, -84.86]</b>				
	05/03/10 03:50 EST		1M	Flood (due to Heavy Rain)
	05/07/10 05:05 EST		0	Source: River/Stream Gage
The Kentucky River at Frankfort crested at 42.8 feet around 7 PM EST on May 4. Flood stage at Frankfort is 31 feet. Major flooding occurs at this level with basements of homes and businesses in downtown Frankfort flooded. The Bellepoint area was cut off by high water.				
<b>HARRISON COUNTY --- 1.5 NW CYNTHIANA [38.39, -84.32], 1.6 NNW LAIR [38.35, -84.31], 1.9 SSE HARRISON CO ARPT [38.35, -84.26], 1.7 NE CYNTHIANA [38.40, -84.28]</b>				
	05/03/10 06:00 EST		0	Flood (due to Heavy Rain)
	05/04/10 22:35 EST		0	Source: River/Stream Gage
The South Fork Licking River at Cynthiana crested at 21.9 feet around 9 AM EST on May 4. Flood stage is 20 feet. This is just short of moderate flooding for Cynthiana. Large sections of the city park were flooded. Water begins to back up in streets in the west side of town. The river is at bankfull on the south side of town.				
<b>A stalled cold front over the Mississippi Valley spawned thunderstorms producing heavy rain from northern Mississippi through middle Tennessee and central Kentucky into southern Indiana. With little movement of the front, training of storms produced record or near-record 2-day rainfall totals from 8 to 10+ inches in many locations across central Kentucky. Major flooding occurred in at least 40 Kentucky counties, washing out roads and inundating municipal water treatment plants. Four lives were lost in Kentucky - three in vehicles and one in a home, where the resident was apparently electrocuted in high water. Over the following days, most area rivers were in flood, including some flooding along the main stem of the Ohio River.</b>				

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*The Salt River flooding New Haven, KY.*

*Photo courtesy Kevin Harned, WAVE-3 TV*

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**JEFFERSON COUNTY --- 0.5 W ANCHORAGE [38.27, -85.54]**

05/13/10 12:27 EST	0	Thunderstorm Wind (EG 52 kt)
05/13/10 12:27 EST	0	Source: Public

Numerous trees were down and power outages were reported across Jefferson County.

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**ANDERSON COUNTY --- 0.5 E LAWRENCEBURG [38.03, -84.89]**

05/13/10 13:02 EST	0	Thunderstorm Wind (EG 52 kt)
05/13/10 13:02 EST	0	Source: Trained Spotter

A trained spotter reported several small trees down along with intense rain. The peak wind gust was estimated to be 60 mph.

**Central Kentucky was in the warm sector with brisk southerly flow ahead of an approaching cold front. Outflow boundaries from convection in Illinois entered the region in the afternoon and ignited a few severe thunderstorms.**

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**RUSSELL COUNTY --- 2.4 W BIG OAK [37.12, -85.07]**

05/14/10 13:33 CST	0	Hail (1.75 in)
05/14/10 13:33 CST	0	Source: Trained Spotter

A trained spotter reported golf ball sized hail on Highway 76 three miles east of the Russell-Adair county line.

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cold front moved through central Kentucky from the northwest on May 14. Air with high precipitable water values pooled ahead of this front across the region. The saturated air and instability lead to an isolated severe thunderstorms in central Kentucky.

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**OHIO COUNTY --- 0.7 N BEAVER DAM [37.41, -86.88]**

	05/15/10 13:53 CST	0		Hail (0.88 in)
	05/15/10 13:53 CST	0		Source: Public

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**OHIO COUNTY --- 0.9 NE ROCKPORT [37.34, -86.99]**

	05/15/10 13:58 CST	0		Hail (0.75 in)
	05/15/10 13:58 CST	0		Source: Trained Spotter

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**OHIO COUNTY --- 0.7 N BEAVER DAM [37.41, -86.88]**

	05/15/10 14:13 CST	0		Hail (0.88 in)
	05/15/10 14:13 CST	0		Source: Public

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**BRECKINRIDGE COUNTY --- MC DANIELS [37.60, -86.43]**

	05/15/10 14:50 CST	0		Hail (1.00 in)
	05/15/10 14:50 CST	0		Source: Public

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**GRAYSON COUNTY --- 0.6 W LEITCHFIELD [37.48, -86.31]**

	05/15/10 15:15 CST	5K		Thunderstorm Wind (EG 56 kt)
	05/15/10 15:15 CST	0		Source: Emergency Manager

A large metal building was blown half a mile.

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**GRAYSON COUNTY --- 0.7 S CLARKSON [37.49, -86.22]**

	05/15/10 15:30 CST	0		Hail (1.50 in)
	05/15/10 15:30 CST	0		Source: Public

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**MONROE COUNTY --- 2.7 SE PERSIMMON [36.77, -85.60]**

	05/15/10 16:10 CST	0		Thunderstorm Wind (EG 52 kt)
	05/15/10 16:10 CST	0		Source: Trained Spotter

A trained spotter reported three trees were blown down.

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**MADISON COUNTY --- 0.6 E MIDDLETOWN [37.58, -84.29]**

	05/15/10 16:43 EST	0		Hail (1.75 in)
	05/15/10 16:43 EST	0		Source: Trained Spotter

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**MADISON COUNTY --- 2.3 NNW BIGHILL [37.58, -84.24]**

	05/15/10 16:45 EST	0		Hail (1.75 in)
	05/15/10 16:45 EST	0		Source: Public

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**LARUE COUNTY --- 3.5 N UPTON [37.52, -85.89]**

	05/15/10 17:03 EST	0		Hail (1.00 in)
	05/15/10 17:03 EST	0		Source: Trained Spotter

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**HARDIN COUNTY --- 1.3 WSW GLENDALE JCT [37.57, -85.89]**

	05/15/10 17:06 EST	0		Hail (0.88 in)
	05/15/10 17:06 EST	0		Source: Trained Spotter

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**MADISON COUNTY --- ROUND HILL [37.68, -84.42]**

	05/15/10 17:10 EST	0		Hail (1.75 in)
	05/15/10 17:10 EST	0		Source: Trained Spotter

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**LARUE COUNTY --- MAGNOLIA [37.45, -85.75]**

	05/15/10 17:21 EST	0		Hail (1.00 in)
	05/15/10 17:21 EST	0		Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cold front which moved through central Kentucky on May 14 stalled along the Kentucky-Tennessee border on the 15th. Clearing skies in the afternoon led to instability along and north of this front. Most of the severe storms that developed produced hail. A few damaging wind gusts were also reported.

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**BRECKINRIDGE COUNTY --- HARNED [37.75, -86.42]**

	05/17/10 13:42 CST		0	Hail (1.25 in)
	05/17/10 13:42 CST		0	Source: Trained Spotter

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**BRECKINRIDGE COUNTY --- HARDINSBURG ARPT [37.78, -86.45]**

	05/17/10 14:13 CST		0	Hail (0.88 in)
	05/17/10 14:13 CST		0	Source: Trained Spotter

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**HARDIN COUNTY --- HOWE VLY [37.68, -86.08]**

	05/17/10 15:20 EST		0	Hail (1.25 in)
	05/17/10 15:20 EST		0	Source: Trained Spotter

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**ALLEN COUNTY --- 1.1 W SCOTTSVILLE [36.75, -86.20]**

	05/17/10 15:33 CST		0	Hail (0.75 in)
	05/17/10 15:33 CST		0	Source: Trained Spotter

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**HARDIN COUNTY --- ELIZABETH TOWN [37.70, -85.87]**

	05/17/10 15:50 EST		0	Hail (1.00 in)
	05/17/10 15:50 EST		0	Source: Trained Spotter

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**HARDIN COUNTY --- ELIZABETH TOWN [37.70, -85.87]**

	05/17/10 16:10 EST		0	Hail (1.00 in)
	05/17/10 16:10 EST		0	Source: Trained Spotter

A quasi-stationary surface low was centered over eastern Kentucky and southern Ohio. On May 17 an upper level low traversed the Ohio valley and eventually phased with the surface low. The upper low helped to steepen lapse rates across central Kentucky as it moved east leading to multiple reports of hail.

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**BRECKINRIDGE COUNTY --- 1.8 WSW BIG SPG [37.79, -86.18]**

	05/21/10 18:25 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/21/10 18:25 CST		0	Source: Amateur Radio

An amateur radio operator reported the siding was blown off a mobile home.

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**FRANKLIN COUNTY --- 1.3 WSW FRANKFORT [38.19, -84.87]**

	05/21/10 18:39 EST		0	Hail (1.00 in)
	05/21/10 18:39 EST		0	Source: Trained Spotter

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**ANDERSON COUNTY --- 2.6 NE GEE [38.08, -85.04]**

	05/21/10 18:53 EST		0	Hail (1.75 in)
	05/21/10 18:53 EST		0	Source: Emergency Manager

A weakening surface low was moving across Illinois towards Chicago on May 21. Central Kentucky was in the warm sector associated with this low. Daytime heating and destabilization led to scattered thunderstorms during the afternoon hours.

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**BRECKINRIDGE COUNTY --- 1.2 W BIG SPG [37.80, -86.17], 0.3 SSW BIG SPG [37.80, -86.15]**

	05/21/10 18:28 CST		25K	Tornado (EF1, L: 1.10 mi , W: 75 yd)
	05/21/10 18:30 CST		0	Source: NWS Storm Survey

An NWS storm survey and interviews with residents confirmed a tornado touched down at approximately 828 PM EDT just west of Big Springs. A large barn suffered significant roof and wall damage resulting in the tornado to be rated EF-1 here with 85-90 mph winds. Additional damage to hardwood trees was noted along Highway 333 south. The tornado appeared to be skipping along the path at this time. The tornado lifted above the community of Big Springs, then touched down again along High Plains Road before lifting again. It then touched down again along Rineyville-Big Springs road in Harding county where it damaged a double wide mobile home. The damage at this location was consistent with EF-0 tornado damage with winds of 80-85 mph.

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**HARDIN COUNTY --- 5.1 NW NORTH FOUR CORNERS [37.80, -86.15], 4.5 NW NORTH FOUR CORNERS [37.79, -86.14]**

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/21/10 19:28 EST		10K	Tornado (EF0, L: 0.65 mi , W: 50 yd)
	05/21/10 19:30 EST		0	Source: NWS Storm Survey

An NWS storm survey and interviews with residents confirmed a tornado touched down at approximately 828 PM EDT just west of Big Springs. A large barn suffered significant roof and wall damage resulting in the tornado to be rated EF-1 here with 85-90 mph winds. Additional damage to hardwood trees was noted along Highway 333 south. The tornado appeared to be skipping along the path at this time. The tornado lifted above the community of Big Springs, then touched down again along High Plains Road before lifting again. It then touched down again along Rineyville-Big Springs road in Harding county where it damaged a double wide mobile home. The damage at this location was consistent with EF-0 tornado damage with winds of 80-85 mph.

**A cold front from an occluded low over the Great Lakes was swinging southward toward central Kentucky during the afternoon hours of May 21. A shortwave progressing across the region helped to spawn strong thunderstorms. With ample shear one of these storms was able to produce a tornado that touched down multiple times across Breckinridge and Hardin counties.**

### WARREN COUNTY --- 0.9 ENE (BWG)BOWLING GREEN A [36.98, -86.41]

05/26/10 16:45 CST		0	Lightning
05/26/10 16:45 CST	1	0	Source: Newspaper

A 13-year old male was hit by lightning while standing next to a tree in the front yard of a friend. The boy's friend, who had gone briefly into his home, heard a loud clap of thunder, then immediately emerged to find the victim lying on the ground next to a tree where they were playing, with his hair singed. The friend and his 18-year old brother - an Eagle Scout - performed CPR until several neighbors, including a paramedic, came to assist.

**A teen was injured by a lightning strike from a thunderstorm that otherwise produced no severe weather.**

### JEFFERSON COUNTY --- 0.8 SSE OKOLONA [38.12, -85.67]

05/27/10 17:00 EST		0	Thunderstorm Wind (EG 52 kt)
05/27/10 17:00 EST		0	Source: Public

Trees and fences were blown over along Cooper Ave. between Preston Highway and Shepherdsville Rd. The observer also reported 1.6 inches of rain had fallen in less than an hour.

**A warm and moist unstable air mass led to thunderstorms forming in the afternoon on May 27. One of these storms produced damaging winds in south central Kentucky.**