

Storm Data and Unusual Weather Phenomena - April 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
INDIANA, South Central				
DUBOIS COUNTY --- 2.1 SSE BRETZVILLE [38.27, -86.86]				
	04/26/12 02:01 EST	0		Thunderstorm Wind (EG 52 kt)
	04/26/12 02:01 EST	0		Source: Emergency Manager
The local emergency manager reported three 18 inch diameter trees down next to Indiana 162.				
Thunderstorms across western Illinois during the evening of April 25th developed into a organized convection system as it moved southeast across southwestern Indiana during the early morning hours on April 26th. Isolated damage occurred in Dubois County.				
ORANGE COUNTY --- 0.9 SW FRENCH LICK MUNI ARP [38.51, -86.64]				
	04/28/12 17:43 EST	0		Hail (2.75 in)
	04/28/12 17:43 EST	0		Source: Law Enforcement
Law enforcement reported baseball sized hail near the French Lick Municipal Airport.				
ORANGE COUNTY --- 1.8 ENE YOUNGS CREEK [38.49, -86.47]				
	04/28/12 17:57 EST	0		Hail (1.50 in)
	04/28/12 17:57 EST	0		Source: NWS Employee
CRAWFORD COUNTY --- 0.5 E ENGLISH [38.33, -86.46]				
	04/28/12 18:02 EST	0		Hail (1.00 in)
	04/28/12 18:02 EST	0		Source: Law Enforcement
CRAWFORD COUNTY --- 0.5 E MARENGO [38.37, -86.34]				
	04/28/12 18:05 EST	5K		Thunderstorm Wind (EG 52 kt)
	04/28/12 18:05 EST	0		Source: Emergency Manager
Crawford County emergency management reported power lines down near Marengo. Also, several vehicles were damaged by hail.				
CRAWFORD COUNTY --- 0.7 S MILLTOWN [38.34, -86.27]				
	04/28/12 18:12 EST	0		Hail (1.75 in)
	04/28/12 18:12 EST	0		Source: Emergency Manager
Golf ball sized hail fell in Milltown. A separate report of 1 inch hail was relayed by a spotter.				
WASHINGTON COUNTY --- 0.5 W FREDDRICKSBURG [38.43, -86.19]				
	04/28/12 18:18 EST	0		Hail (1.00 in)
	04/28/12 18:18 EST	0		Source: Trained Spotter
HARRISON COUNTY --- 2.1 N RAMSEY [38.35, -86.15]				
	04/28/12 18:20 EST	0		Hail (1.75 in)
	04/28/12 18:20 EST	0		Source: Trained Spotter
HARRISON COUNTY --- 0.9 SE PALMYRA [38.41, -86.11]				
	04/28/12 18:22 EST	0		Hail (1.75 in)
	04/28/12 18:22 EST	0		Source: Trained Spotter
HARRISON COUNTY --- NEW SALISBURY [38.32, -86.10]				
	04/28/12 18:25 EST	0		Hail (1.75 in)
	04/28/12 18:25 EST	0		Source: Trained Spotter
HARRISON COUNTY --- NEW SALISBURY [38.32, -86.10]				
	04/28/12 18:25 EST	0		Thunderstorm Wind (EG 60 kt)
	04/28/12 18:25 EST	0		Source: Law Enforcement
Local emergency management reported several trees down near New Salisbury.				

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HARRISON COUNTY --- 2.1 NE CRANDALL [38.30, -86.04]				
	04/28/12 18:30 EST		0	Hail (1.00 in)
	04/28/12 18:30 EST		0	Source: Trained Spotter
HARRISON COUNTY --- BRADFORD [38.37, -86.07]				
	04/28/12 18:30 EST		0	Thunderstorm Wind (EG 52 kt)
	04/28/12 18:30 EST		0	Source: Broadcast Media
Local media reported that power lines were downed near Bradford.				
HARRISON COUNTY --- 1.1 E CRANDALL [38.28, -86.05]				
	04/28/12 18:31 EST		0	Hail (1.50 in)
	04/28/12 18:31 EST		0	Source: Trained Spotter
FLOYD COUNTY --- GEORGETOWN [38.30, -85.97]				
	04/28/12 18:39 EST		0	Hail (1.75 in)
	04/28/12 18:39 EST		0	Source: Emergency Manager
<p>By late afternoon on April 28th, a stationary boundary lay across southwestern Indiana from Dubois County to near Louisville. This boundary separated a capped but very unstable air mass on its south side from cooler air to the north. Early in the afternoon severe storms developed across southern Illinois. One storm developed into a high precipitation supercell and moved southeast right along this boundary. It spread a lengthy path of golf-ball to occasionally tennis ball sized hail from Orange County, Indiana to just west of Louisville, Kentucky.</p>				
KENTUCKY, Central				
EDMONSON COUNTY --- 1.1 E BROADWAY [37.32, -86.26]				
	04/02/12 15:25 CST		0	Hail (1.75 in)
	04/02/12 15:25 CST		0	Source: Department of Highways
The State Highway Department reported golf-ball sized hail in the small town of Broadway.				
<p>A backdoor cold front stalled across central Kentucky along a northwest to southeast orientated line from just west of Louisville to Clinton County, which is located next to Tennessee's Cumberland Plateau. Southwest of this line, an early summer-like environment aided in the development of strong instability by late afternoon. Strong thunderstorms developed along this line. One storm produced golf-ball sized hail in Edmonson County.</p>				
CASEY COUNTY --- 2.3 WSW ARGYLE [37.21, -84.86]				
	04/03/12 16:57 EST		0	Heavy Rain
	04/03/12 16:57 EST		0	Source: Trained Spotter
A spotter reported that around 3 inches of rain fell in about 2 hours.				
MADISON COUNTY --- 2.1 SE RUTHTON [37.71, -84.40]				
	04/03/12 17:19 EST		0	Thunderstorm Wind (EG 52 kt)
	04/03/12 17:19 EST		0	Source: Emergency Manager
Local emergency management reported a tree down across Curtis Pike.				
MADISON COUNTY --- 1.8 WSW UNION CITY [37.79, -84.23]				
	04/03/12 17:40 EST		0	Hail (1.00 in)
	04/03/12 17:40 EST		0	Source: Emergency Manager
MADISON COUNTY --- 1.6 SSE PEYTONTOWN [37.65, -84.32], 1.5 SSE PEYTONTOWN [37.65, -84.32], 1.5 NNW WHITES [37.65, -84.31], 1.6 NW WHITES [37.65, -84.32]				
	04/03/12 17:45 EST		0	Flash Flood (due to Heavy Rain)
	04/03/12 17:45 EST		0	Source: Emergency Manager

The local emergency manager reported that the intersection of Caleast and Menelaus roads was briefly closed due to flash flooding.

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MADISON COUNTY --- 1.3 WNW REEDS CROSSING [37.74, -84.24], 1.5 NW REEDS CROSSING [37.74, -84.24], 2.0 WNW REEDS CROSSING [37.74, -84.25], 2.0 WNW REEDS CROSSING [37.74, -84.25]				
	04/03/12 18:05 EST		0	Flash Flood (due to Heavy Rain)
	04/03/12 18:05 EST		0	Source: Emergency Manager
Local emergency management reported that State Highway 52 three miles east of Richmond, just to the north of Lake Reba, had water over the roadway.				
Moderate instability, near record high temperatures and light atmospheric winds more typical of early summer developed over the Lake Cumberland Region during the afternoon of April 4th. Several strong storms developed over Southern Madison and Garrard Counties during the mid afternoon hours. In addition to producing marginally severe hail, two storms became nearly stationary for a couple of hours, with frequent convective redevelopment on the upwind side of these storms. Three to as much as 5 inches of rain fell within a 2 hour period across southern Madison County and eastern Garrard county.				
BRECKINRIDGE COUNTY --- MC DANIELS [37.60, -86.43]				
	04/26/12 02:13 CST		0	Hail (1.00 in)
	04/26/12 02:13 CST		0	Source: Trained Spotter
A trained spotter reported one inch hail near McDaniel's. In addition, a tree was reported downed across State Highway 259 near the same location.				
HART COUNTY --- MUNFORDVILLE [37.28, -85.90]				
	04/26/12 02:57 CST		0	Thunderstorm Wind (EG 52 kt)
	04/26/12 02:57 CST		0	Source: Trained Spotter
A spotter reported several trees downed near Munfordville.				
BARREN COUNTY --- 0.9 NE CAVE CITY [37.14, -85.96]				
	04/26/12 03:02 CST		0	Thunderstorm Wind (EG 52 kt)
	04/26/12 03:02 CST		0	Source: Trained Spotter
A home's siding was damaged in Cave City. Several trees were downed nearby as well.				
BARREN COUNTY --- 1.8 NW GLASGOW [37.00, -85.92]				
	04/26/12 03:13 CST		0	Thunderstorm Wind (EG 52 kt)
	04/26/12 03:13 CST		0	Source: Emergency Manager
The Barren County emergency management reported trees downed across the county.				
METCALFE COUNTY --- 2.3 WSW KNOB LICK [37.07, -85.72]				
	04/26/12 03:18 CST		20K	Thunderstorm Wind (EG 56 kt)
	04/26/12 03:18 CST		0	Source: Emergency Manager
One house lost a roof along Crenshaw Road. Four other homes suffered roof damage on the same street.				
ADAIR COUNTY --- 1.8 SE PICKETT [37.10, -85.45]				
	04/26/12 03:24 CST		0	Thunderstorm Wind (EG 52 kt)
	04/26/12 03:24 CST		0	Source: Law Enforcement
Local law enforcement reported that several trees were downed west of Columbia.				
METCALFE COUNTY --- 0.7 S WISDOM [36.99, -85.70]				
	04/26/12 03:25 CST		0	Thunderstorm Wind (MG 51 kt)
	04/26/12 03:25 CST		0	Source: Mesonet
A Kentucky Mesonet automated gauge recorded a 59 mph wind gust.				
ADAIR COUNTY --- 1.5 SSW FAIRPLAY [37.00, -85.31]				
	04/26/12 03:33 CST		0	Thunderstorm Wind (EG 52 kt)
	04/26/12 03:33 CST		0	Source: Law Enforcement
Several trees were downed 7 miles south of Columbia.				

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RUSSELL COUNTY --- RUSSELL SPGS [37.05, -85.08]				
	04/26/12 03:42 CST	0		Thunderstorm Wind (EG 50 kt)
	04/26/12 03:42 CST	0		Source: Law Enforcement
Russell Springs local law enforcement reported a tree down.				
CLINTON COUNTY --- 0.9 NW ALBANY [36.69, -85.14]				
	04/26/12 03:52 CST	0		Thunderstorm Wind (EG 52 kt)
	04/26/12 03:52 CST	0		Source: Law Enforcement
Local law enforcement reported that numerous trees were downed across the county.				
During the late evening hours on April 25th, a convective complex developed across western Illinois. This cluster of storms then moved southeast across southwestern Indiana and eventually across south central Kentucky. Scattered wind damage and one report of large hail were recorded during the early morning hours on the 26th of April.				
ALLEN COUNTY --- 1.1 W SCOTTSVILLE [36.75, -86.20]				
	04/26/12 14:47 CST	0		Hail (1.25 in)
	04/26/12 14:47 CST	0		Source: Trained Spotter
RUSSELL COUNTY --- 1.1 W ELI [37.05, -84.99]				
	04/26/12 14:50 CST	0		Hail (1.75 in)
	04/26/12 14:50 CST	0		Source: Trained Spotter
MADISON COUNTY --- 1.5 SSE SPEEDWELL [37.65, -84.17]				
	04/26/12 14:53 EST	0		Hail (1.00 in)
	04/26/12 14:53 EST	0		Source: Broadcast Media
SIMPSON COUNTY --- 1.3 ENE HICKORY FLAT [36.73, -86.43]				
	04/26/12 14:55 CST	0		Hail (1.50 in)
	04/26/12 14:55 CST	0		Source: Emergency Manager
ALLEN COUNTY --- 1.8 NW FLEET [36.67, -86.30]				
	04/26/12 15:32 CST	0		Hail (1.75 in)
	04/26/12 15:32 CST	0		Source: Emergency Manager
Hail fell along Swafford Hollow Road near the town of Adolphus.				
ALLEN COUNTY --- 0.6 W ADOLPHUS [36.65, -86.26], 0.8 W ADOLPHUS [36.65, -86.26], 0.7 WNW ADOLPHUS [36.66, -86.26], 0.5 NW ADOLPHUS [36.66, -86.26]				
	04/26/12 15:36 CST	30K		Flash Flood (due to Heavy Rain)
	04/26/12 15:36 CST	0		Source: Emergency Manager
Allen County emergency management reported flash flooding near the intersection of Stafford Hollow Road and Andrew Jackson Highway. Several feet of water entered one home, making it uninhabitable. Several other homes were damaged.				
In the wake of an early morning convective complex that brought isolated wind damage to south central Kentucky on April 26th, strong instability developed by afternoon. Scattered strong thunderstorms developed by mid afternoon. These storms brought large hail and isolated wind damage to basically the same area affected by storms earlier in the day. One isolated case of flash flooding developed as a result of training storms across Allen County.				
JEFFERSON COUNTY --- 2.1 N LOUISVILLE [38.26, -85.78]				
	04/28/12 18:52 EST	0		Hail (1.25 in)
	04/28/12 18:52 EST	0		Source: Trained Spotter
A spotter reported half dollar sized hail in the Portland area.				
JEFFERSON COUNTY --- 1.5 NNW AUDUBON PARK [38.22, -85.74]				
	04/28/12 18:55 EST	0		Hail (1.75 in)
	04/28/12 18:55 EST	0		Source: Trained Spotter

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A spotter a couple of miles east of the University of Louisville reported hail damage to several car windows. He also estimated 50 mph winds.

JEFFERSON COUNTY --- 2.0 SSE LOUISVILLE [38.20, -85.77]

	04/28/12 18:56 EST	0		Hail (2.00 in)
	04/28/12 18:56 EST	0		Source: NWS Employee

The National Weather Service Meteorologist in Charge observed 2 inch hail at Churchill Downs.

JEFFERSON COUNTY --- 2.7 WSW INDIAN HILLS [38.27, -85.70]

	04/28/12 19:00 EST	0		Hail (1.00 in)
	04/28/12 19:00 EST	0		Source: Trained Spotter

A spotter reported one inch hail near the Veteran's Administration Hospital east of downtown Louisville.

JEFFERSON COUNTY --- 0.8 NNW PLEASURE RIDGE PARK [38.16, -85.79]

	04/28/12 19:02 EST	0		Hail (1.75 in)
	04/28/12 19:02 EST	0		Source: Broadcast Media

Louisville media reported golf ball sized hail at Iroquois Park.

JEFFERSON COUNTY --- 0.8 NW (SDF)STANIFORD FLD L [38.19, -85.74]

	04/28/12 19:06 EST	0		Hail (1.75 in)
	04/28/12 19:06 EST	0		Source: Official NWS Observations

Golf ball sized hail was reported by the ASOS observer at the Louisville International Airport.

JEFFERSON COUNTY --- 1.5 NNW AUDUBON PARK [38.22, -85.74]

	04/28/12 19:07 EST	0		Hail (1.50 in)
	04/28/12 19:07 EST	0		Source: NWS Employee

A retired NWS employee reported 1.5 inches of hail in the Highlands area of Louisville.

JEFFERSON COUNTY --- 0.9 NE SMYRNA [38.14, -85.64]

	04/28/12 19:09 EST	0		Hail (1.00 in)
	04/28/12 19:09 EST	0		Source: Trained Spotter

JEFFERSON COUNTY --- 0.8 NNW FERN CREEK [38.16, -85.58]

	04/28/12 19:16 EST	0		Hail (2.00 in)
	04/28/12 19:16 EST	0		Source: Trained Spotter

Numerous reports of damaging hail were received from the Fern Creek area. One spotter reported 2 inch hail. Large hail damaged vehicles and the siding of several homes. A NWS employee observed many leaves stripped from trees and localized fog resulting from patches of hail left on the ground 2 hours after the storm passed.

JEFFERSON COUNTY --- 1.1 E FERN CREEK [38.15, -85.56]

	04/28/12 19:21 EST	0		Hail (2.00 in)
	04/28/12 19:21 EST	0		Source: Trained Spotter

SPENCER COUNTY --- ELK CREEK [38.10, -85.37]

	04/28/12 19:30 EST	0		Hail (1.25 in)
	04/28/12 19:30 EST	0		Source: Trained Spotter

A spotter reported that one half dollar sized hail fell for 8 to 10 minutes.

SPENCER COUNTY --- 0.5 E TAYLORSVILLE [38.03, -85.34]

	04/28/12 19:35 EST	0		Hail (1.75 in)
	04/28/12 19:35 EST	0		Source: Trained Spotter

During the late afternoon on April 28th, a stationary boundary lay across southwestern Indiana, across the city of Louisville and extending southeastward to just south of Lexington. A cluster of severe storms developed over southern Illinois during the early afternoon. One storm became predominate, growing into a high precipitation supercell that tracked east southeast along the boundary. After spreading widespread large hail across southern Indiana, this storm tracked right across the Louisville metropolitan area. Large

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hail fell along a path from Shively, through Churchill Downs and Louisville International Airport, to the Fern Creek neighborhood and Billtown Road just south of Jeffersontown. Hail size averaged around 1.5 inches across the metropolitan area, with 2 inch hail reported from just east of Fern Creek. The storm began to weaken as it crossed Spencer and Shelby Counties southeast of Louisville.