

## Storm Data and Unusual Weather Phenomena - October 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KENTUCKY, Central</b>				
<b>JEFFERSON COUNTY --- 0.9 N ST REGIS PARK [38.24, -85.55], 1.1 N ST REGIS PARK [38.25, -85.55], 1.0 WSW MIDDLETOWN [38.24, -85.55], 1.0 N ST REGIS PARK [38.24, -85.55]</b>				
	10/05/13 21:45 EST		0	Flash Flood (due to Heavy Rain)
	10/05/13 21:45 EST		0	Source: Emergency Manager
Several lanes were blocked by around 1 foot of flowing water near the intersection of Shelbyville Road and Blankenbaker Parkway.				
<b>JEFFERSON COUNTY --- 1.1 E PLEASURE RIDGE PARK [38.15, -85.76], 0.8 ENE PLEASURE RIDGE PARK [38.15, -85.77], 0.8 ENE PLEASURE RIDGE PARK [38.15, -85.77], 0.9 E PLEASURE RIDGE PARK [38.15, -85.76]</b>				
	10/05/13 22:27 EST		0	Flash Flood (due to Heavy Rain)
	10/05/13 22:27 EST		0	Source: Trained Spotter
A spotter reported water over KY 1020 just south of Fairdale near Southside Drive. Traffic was halted for a while.				
<b>JEFFERSON COUNTY --- 0.9 ENE LOUISVILLE [38.23, -85.76], 0.9 ENE LOUISVILLE [38.23, -85.76], 0.9 ENE LOUISVILLE [38.23, -85.76], 0.9 ENE LOUISVILLE [38.23, -85.76]</b>				
	10/05/13 22:31 EST		0.10M	Flash Flood (due to Heavy Rain)
	10/05/13 22:31 EST		0	Source: Law Enforcement
Numerous reports of flash flooding developed across metropolitan Louisville. Several people were rescued from their vehicles in Okolona, Douglass Hills, Edgewood, and Jeffersontown. Flowing water reached the tire tops of several automobiles along Ormsby Lane.				
<b>JEFFERSON COUNTY --- 1.3 WSW NEWBURG [38.16, -85.70], 1.3 WSW NEWBURG [38.16, -85.70], 1.2 WSW NEWBURG [38.16, -85.70], 1.2 WSW NEWBURG [38.16, -85.70]</b>				
	10/06/13 00:00 EST		30K	Flash Flood (due to Heavy Rain)
	10/06/13 00:00 EST		0	Source: Broadcast Media
Local media reported that several feet of water accumulated in several basements at the Guardian Court Apartments in Okolona.				
<b>JEFFERSON COUNTY --- 0.9 NE PARKWAY VLG [38.21, -85.69], 0.8 NE PARKWAY VLG [38.21, -85.69], 0.8 NE PARKWAY VLG [38.21, -85.69], 0.9 NE PARKWAY VLG [38.21, -85.69]</b>				
	10/06/13 01:16 EST		0	Flash Flood (due to Heavy Rain)
	10/06/13 01:16 EST		0	Source: Broadcast Media
Local media reported that several feet of water accumulated on several driveways near the Village Park Apartments.				
<b>JEFFERSON COUNTY --- 1.8 NNW WEST BUECHEL [38.20, -85.66], 1.6 NNW WEST BUECHEL [38.20, -85.66], 1.7 NNW WEST BUECHEL [38.20, -85.66], 1.8 NNW WEST BUECHEL [38.20, -85.66]</b>				
	10/06/13 01:19 EST		0	Flash Flood (due to Heavy Rain)
	10/06/13 01:19 EST		0	Source: Broadcast Media
Several roads were flooded around Medford Lane and Livermore Place.				
<b>JEFFERSON COUNTY --- 0.2 WSW RICHLAWN [38.25, -85.60], 0.1 W RICHLAWN [38.25, -85.60], 0.1 WNW RICHLAWN [38.25, -85.60], 0.2 W RICHLAWN [38.25, -85.60]</b>				
	10/06/13 01:34 EST		5K	Flash Flood (due to Heavy Rain)
	10/06/13 01:34 EST		0	Source: Trained Spotter
A spotter reported flooding within the Brookside Apartment Complex and the Hyundai card dealership along Shelbyville Road at Copper Creek Drive.				
<b>FAYETTE COUNTY --- 2.1 NNE JONESTOWN [38.01, -84.49]</b>				
	10/06/13 14:12 EST		0	Thunderstorm Wind (EG 52 kt)
	10/06/13 14:12 EST		0	Source: Law Enforcement
The Lexington Emergency Dispatch reported large tree limbs downed near the intersection of Alumni Drive and Turkey Foot Road.				
<b>FAYETTE COUNTY --- 1.8 S VILEY [38.05, -84.55]</b>				

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	10/06/13 14:20 EST		0	Thunderstorm Wind (EG 52 kt)
	10/14/13 14:20 EST		0	Source: Trained Spotter

A spotter reported a large tree downed across a road near the intersection of Alexandria and Cambridge Drives. One lane became impassable for a time.

### FAYETTE COUNTY --- 2.3 ENE (LEX)BLU GRS FLD LEX [38.04, -84.56]

10/06/13 14:28 EST		0	Thunderstorm Wind (EG 52 kt)
10/06/13 14:28 EST		0	Source: Public

A tree fell across power lines along Standish Way.

### BOURBON COUNTY --- 0.9 SW PARIS [38.21, -84.26]

10/06/13 15:15 EST		4K	Thunderstorm Wind (EG 52 kt)
10/06/13 15:15 EST		0	Source: Law Enforcement

Local emergency management reported trees and power lines downed across Paris. Several power outages ensued.

Multiple rounds of heavy tropical-like showers began Saturday, October 5th and continued through Sunday morning. This episodic convection developed within an unseasonably moist airmass south and east of a stalled boundary. Overall, over a 48 hour period, 5 to locally over 7 inches of rain fall along the Ohio River from Louisville southwest to Owensboro, Kentucky. Louisville International Airport (KSDF), the official climate station for Louisville, received 7.52 inches of rain in three days, including 5.91 inches on October 5th alone. Even Lexington, located in the Bluegrass Region, totaled around 4 inches over the 5th and 6th. The bulk of this rain fell within a 6 hour period from Saturday evening through 1 am Sunday morning. Just under 4 inches fell across the Louisville metropolitan area during this time, stranding many automobiles and leading to several water rescues.

### (KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z053) LARUE, (KY-Z057) MADISON, (KY-Z071) WARREN, (KY-Z074) BARREN

10/31/13 11:10 EST	1	19K	Strong Wind (MAX 41 kt)
10/31/13 19:26 EST		0	

Direct Fatalities: F65OU

### (KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z053) LARUE, (KY-Z057) MADISON, (KY-Z071) WARREN, (KY-Z074) BARREN

10/31/13 12:10 CST		2K	Strong Wind (MAX 41 kt)
10/31/13 12:10 CST		0	

Direct Fatalities: F65OU

### HANCOCK COUNTY --- 1.3 ENE DUKES [37.83, -86.68]

10/31/13 21:04 CST		0	Thunderstorm Wind (EG 52 kt)
10/31/13 21:04 CST		0	Source: Law Enforcement

Gusty winds from a line of strong showers knocked down a tree across a road just to the west of Cloversport. State police had to remove the debris.

### FRANKLIN COUNTY --- 1.8 SW PEAKS MILL [38.28, -84.84]

10/31/13 22:12 EST		0	Thunderstorm Wind (MG 50 kt)
10/31/13 22:12 EST		0	Source: Public

A tree fell across the Royal Parkway near Frankfort. A nearby weather station recorded a gust of 58 mph.

### JEFFERSON COUNTY --- 0.7 N JEFFERSONTOWN [38.21, -85.57]

10/31/13 22:20 EST		0	Thunderstorm Wind (EG 52 kt)
10/31/13 22:20 EST		0	Source: Broadcast Media

Local media reported several trees downed near Jeffersontown High School. These trees were toppled by a strong convective line of showers.

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

10/31/13 22:30 EST		0	Thunderstorm Wind (EG 50 kt)
10/31/13 22:30 EST		0	Source: Public

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The public submitted a picture via Facebook of a large portion of a tree snapped off.

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### BULLITT COUNTY --- 1.6 W BARDSTOWN JCT [37.93, -85.73]

10/31/13 22:34 EST	0	Thunderstorm Wind (EG 52 kt)
10/31/13 22:34 EST	0	Source: Emergency Manager

The Bullitt County emergency manager reported that several trees and power lines were downed along Beech Grove Road near Shepherdsville.

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

10/31/13 22:38 EST	0	Thunderstorm Wind (EG 52 kt)
10/31/13 22:38 EST	0	Source: Broadcast Media

Local Lexington media reported several trees downed by a line of convective showers across the city.

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### SHELBY COUNTY --- 10.0 W SHELBYVILLE [38.22, -85.41]

10/31/13 22:55 EST	0	Thunderstorm Wind (MG 50 kt)
10/31/13 22:55 EST	0	Source: Mesonet

A Kentucky Mesonet site located 10 miles west of Shelbyville recorded a 57 mph wind gust during the passage of a line of showers.

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### CLARK COUNTY --- WINCHESTER [37.98, -84.18]

10/31/13 23:00 EST	2K	Thunderstorm Wind (EG 52 kt)
10/31/13 23:50 EST	0	Source: Trained Spotter

A spotter reported that winds associated with a strong line of showers brought damage to his storm doors and his garage . In his neighborhood many large tree limbs were downed, causing power outages. Thirteen minutes earlier, just 3 miles northwest of Winchester, a Kentucky mesonet site recorded a wind gust of 57 mph.

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### JESSAMINE COUNTY --- 1.1 NNW NICHOLASVILLE [37.88, -84.58]

10/31/13 23:11 EST	3K	Thunderstorm Wind (EG 52 kt)
10/31/13 23:11 EST	0	Source: Emergency Manager

The Jessamine County emergency manager relayed several reports of trees and power lines down across the county.

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### FAYETTE COUNTY --- 1.9 WNW MONTROSE [38.08, -84.43]

10/31/13 23:15 EST	40K	Thunderstorm Wind (EG 52 kt)
10/31/13 23:15 EST	0	Source: Broadcast Media

The local media reported that a tree fell through the roof of a home in northern Lexington.

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### LINCOLN COUNTY --- WAYNESBURG [37.33, -84.68]

10/31/13 23:55 EST	20K	Thunderstorm Wind (EG 52 kt)
10/31/13 23:55 EST	0	Source: Fire Department/Rescue

Quite a few trees and power lines were downed across Lincoln County. In Waynesburg, a tree fell through the roof of a mobile home.

**A powerful cyclone began to deepen over Illinois during the afternoon hours on October 31st. Towards midnight, as low pressure moved across southern Lake Michigan, it deepened to well below 990mb. A powerful low level jet developed over the Lower Ohio Valley by mid-afternoon, as winds at 925mb increased to around 55kt by evening. These winds translated to surface winds of around 30 mph with frequent gusts up to 50 mph across southern Indiana and the Commonwealth. Widespread minor wind damage developed as large branches fall across roads and power lines. In addition to strong gradient winds, several convective lines of showers developed by mid-evening across central Kentucky. Despite a lack of thunder, these lines of showers brought additional wind damage.**