

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KENTUCKY, Central				
WARREN COUNTY --- 0.3 WNW BOWLING GREEN [36.98, -86.43]				
	04/27/14 15:00 CST		0	Thunderstorm Wind (EG 52 kt)
	04/27/14 15:00 CST		0	Source: Public
A tree fell on power lines along Nutwood Street near T. C. Cherry School.				
WARREN COUNTY --- 0.9 WNW BOWLING GREEN [36.98, -86.45]				
	04/27/14 15:03 CST		0	Thunderstorm Wind (EG 50 kt)
	04/27/14 15:03 CST		0	Source: Law Enforcement
The Warren County emergency dispatch reported power-lines down along East 14th Avenue.				
WARREN COUNTY --- 1.6 W BRISTOW [37.02, -86.40]				
	04/27/14 15:03 CST		0	Thunderstorm Wind (EG 50 kt)
	04/27/14 15:03 CST		0	Source: Trained Spotter
A spotter reported snapped trees along Beech Bend Road just outside of Bowling Green.				
WARREN COUNTY --- 2.6 WSW GIRKIN [37.05, -86.41]				
	04/27/14 15:03 CST		3K	Thunderstorm Wind (EG 50 kt)
	04/27/14 15:03 CST		0	Source: Public
A report via twitter mentioned that a large tree was downed along Massey Road near Detour Road . Nearby, at nearly the same time, the roof was removed from an outbuilding near Day Road's intersection with Kentucky State Road 185.				
NELSON COUNTY --- 0.7 S BARDSTOWN [37.81, -85.47]				
	04/27/14 18:46 EST		0	Thunderstorm Wind (EG 52 kt)
	04/27/14 18:46 EST		0	Source: Law Enforcement
Local law enforcement reported several trees downed near Bardstown. Trees were toppled near South Kennett Avenue, Barton Road, and Edelen Avenue.				
Moderate instability developed during the afternoon of the 27th of April as southwesterly winds brought increasing moisture into the area. Despite a lack of any distinct shortwave, isolated thunderstorms developed during late afternoon and continued through the evening. With temperature-dewpoint depressions of over 20 degrees, these storms were somewhat high based. One storm in particular developed a wet microburst that brought scattered damage near Bowling Green.				
WARREN COUNTY --- 0.9 W ALVATON [36.87, -86.37], 0.9 SE MASSEYS MILL [36.87, -86.37], 0.6 SE MASSEYS MILL [36.87, -86.37], 0.8 SE MASSEYS MILL [36.87, -86.37]				
	04/29/14 05:10 CST		0	Flood (due to Heavy Rain)
	04/30/14 01:15 CST		0	Source: River/Stream Gage
Heavy rains on the 28th led to minor flooding of Drake's Creek at Alvaton. Flood state is 22 feet. The creek reached 25.8 feet during the afternoon of the 29th.				
Widespread heavy rains across Warren County during the day on the 28th brought a one day rainfall total of over 2.5 inches to the Bowling Green Airport. This led to minor flooding on Drake's Creek near Alvaton on the 29th and 30th.				
SHELBY COUNTY --- 0.6 NNE SNOW HILL [38.23, -85.22]				
	04/29/14 16:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	04/29/14 16:20 EST		0	Source: Public
Several reports arrived from Shelbyville of damage associated with thunderstorm winds. A report arrived via Facebook of a tree down in downtown Shelbyville, and local media reported damage to a resident's skylight in northern Shelbyville. A home weather station 2 miles southeast of town measured a 50 mph wind gust.				
SHELBY COUNTY --- 2.2 E TODDSPPOINT [38.28, -85.31]				
	04/29/14 16:31 EST		0	Thunderstorm Wind (EG 52 kt)
	04/29/14 16:31 EST		0	Source: Law Enforcement
Emergency dispatch reported several trees down across the northern and eastern portions of Shelby County.				

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HENRY COUNTY --- 1.4 N CARROLL [38.45, -84.98]				
	04/29/14 16:40 EST		0	Thunderstorm Wind (EG 52 kt)
	04/29/14 16:40 EST		0	Source: Law Enforcement

Emergency management reported several trees downed on Lead Mine Road near the Owen County border.

A shortwave moving around the base of a large closed 500mb circulation over Illinois brought isolated thunderstorms to central Kentucky during the late afternoon and evening hours on the 29th of April. Despite marginal instability, several low-topped cells and bowing segments brought small hail and damaging winds.

NELSON COUNTY --- BOSTON [37.78, -85.67], 0.4 NNW BOSTON [37.78, -85.67], 0.4 N BOSTON [37.79, -85.67], 0.3 NE BOSTON [37.78, -85.67]				
	04/30/14 11:00 EST		0	Flood (due to Heavy Rain)
	04/30/14 23:59 EST		0	Source: River/Stream Gage

The Rolling Fork River at Boston began to flood around noon on April 30th. It reached a peak stage of 35.6 feet during the mid-evening hours before falling below flood stage the morning of May 1st. Flood stage at Boston is 35 feet.

Widespread heavy rains during the last couple of days of April led to minor flooding of the Rolling Fork River, located in Nelson County.

BOURBON COUNTY --- PARIS [38.22, -84.25], 0.2 NNW PARIS [38.22, -84.25], 0.2 ENE PARIS [38.22, -84.25], 0.1 E PARIS [38.22, -84.25]				
	04/30/14 18:00 EST		0	Flood (due to Heavy Rain)
	04/30/14 23:55 EST		0	Source: River/Stream Gage

Stoner Creek, located in Paris, flooded during the evening of April 30th. It exceed the flood stage at the water treatment plant of 18 feet during the late afternoon hours and reached 18.2 feet by mid-evening before falling below flood stage around midnight early on May 1st.

Two days of widespread ample rains from April 28th through the 30th across the Bluegrass Region led to minor flooding of Stoner Creek at Paris on the 30th. During this period, the nearby Lexington ASOS measured just over 3 inches of rain.