

## Storm Data and Unusual Weather Phenomena - June 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### INDIANA, South Central

<b>CLARK COUNTY --- 1.5 ENE HENRYVILLE [38.54, -85.74]</b>				
	06/16/12 16:40 EST		0	Heavy Rain
	06/16/12 18:00 EST		0	Source: Storm Chaser

A spotter just east of Henryville who reported damaging winds at 640 pm EDT also measured 2.8 inches of rain that fell in an 80 minute period ending at 7 pm EDT.

<b>CLARK COUNTY --- 1.1 ENE HENRYVILLE [38.54, -85.75]</b>				
	06/16/12 17:28 EST		0	Thunderstorm Wind (EG 52 kt)
	06/16/12 17:28 EST		0	Source: Broadcast Media

The local broadcast media relayed a report of an outdoor storage building in Henryville that was thrown into a neighbor's yard. At around the same time, a spotter reported a large limb down around 2 miles east of Henryville.

<b>CLARK COUNTY --- 1.7 ENE HENRYVILLE [38.54, -85.74]</b>				
	06/16/12 17:40 EST		0	Thunderstorm Wind (EG 52 kt)
	06/16/12 17:40 EST		0	Source: Broadcast Media

Local media relayed a report of an estimated 60 mph wind gust from a spotter just east of Henryville. He reported several large limbs down.

**Isolated slow moving thunderstorms developed across southern Indiana during the evening of June 16th. The strongest storm brought several reports of wind damage and heavy rain near Henryville in Clark County, Indiana.**

<b>(IN-Z089) PERRY</b>				
	06/29/12 16:00 EST		0	Heat
	06/30/12 23:59 EST		0	

Temperatures rose into the around 105 on June 28, the first of several days of intense heat that lasted through July 7th. Huntingburg, located in southwestern Indiana within an area classified under extreme drought, exceeded 100 on practically every day over a 10 day period. Extremely high temperatures, combined with worsening drought, led to a degradation of local crops.

### KENTUCKY, Central

<b>SIMPSON COUNTY --- 1.7 W FRANKLIN [36.72, -86.60]</b>				
	06/11/12 17:31 CST		1K	Thunderstorm Wind (EG 50 kt)
	06/11/12 17:31 CST		0	Source: Emergency Manager

The Simpson County emergency manager reported a fallen tree that downed a power line in Franklin on Pepper Street.

<b>SIMPSON COUNTY --- 2.1 NNW FRANKLIN [36.75, -86.58]</b>				
	06/11/12 17:33 CST		1K	Thunderstorm Wind (EG 60 kt)
	06/11/12 17:33 CST		0	Source: Broadcast Media

Local broadcast media reported two trees down. Some shingles were blown off the roof of a resident near the intersection of Highway 31 and Patton Road.

**Scattered thunderstorms developed in a moderately unstable atmosphere during the late afternoon. Isolated wind damage resulting from a microburst was reported in Simpson County, along the Tennessee border.**

<b>SHELBY COUNTY --- 0.6 SSE SNOW HILL [38.21, -85.22]</b>				
	06/16/12 09:00 EST		0	Heavy Rain
	06/16/12 10:00 EST		0	Source: Trained Spotter

A spotter located in Shelbyville measured 2.4 inches of rain that fell within one hour ending at 11 AM EDT. He mentioned that minor street flooding occurred at several intersections.

**Several slow moving storms brought locally heavy rain to portions of north central Kentucky during the late morning hours on Saturday, June 16th. On storm brought minor urban flooding to Shelbyville, located in Shelby County.**

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<b>(KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z071) WARREN</b>				
	06/28/12 15:00 CST		0	Heat
	06/30/12 22:00 CST		0	
<b>(KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z071) WARREN</b>				
	06/28/12 15:00 EST		0	Heat
	06/30/12 22:00 EST		0	
<p><b>A 10 day heat wave began on June 28, ending on July 7th. Drought exasperated the hot weather, allowing wider diurnal swings in temperatures than usual for late June. Hot temperatures, combined with moderate drought stunted area crops.</b></p>				
<b>NICHOLAS COUNTY --- 0.9 SW CARLISLE [38.31, -84.04]</b>				
	06/29/12 17:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/29/12 17:30 EST		0	Source: Emergency Manager
<p>The Nicholas County Emergency Manager reported that several trees were downed across the county. Some of these trees blocked roads. No rain nor thunder accompanied the gust front that produced this damage. An automated Kentucky mesonet gauge 5 miles southwest of Carlisle measured a 48 mph wind gust.</p>				
<b>BOURBON COUNTY --- 3.0 S NORTH MIDDLETOWN [38.11, -84.10]</b>				
	06/29/12 17:48 EST	1	0	Thunderstorm Wind (EG 52 kt)
	06/29/12 17:48 EST		0	Source: Broadcast Media
<p>A fatality occurred near the Bourbon - Clark County line. A man was killed after stopping to remove debris from a county road. Strong winds toppled a tree next to the road, hitting him. Several other trees were downed across the county as winds gusted as high as 60 mph.</p>				
Direct Fatalities: M31OU				
<b>FAYETTE COUNTY --- 2.3 ESE LEXINGTON [38.04, -84.46]</b>				
	06/29/12 17:55 EST		10K	Thunderstorm Wind (EG 52 kt)
	06/29/12 17:55 EST		0	Source: Broadcast Media
<p>The Lexington media reported several trees were downed across Fayette County. The largest tree had a diameter of 14 inches. This damage resulted from a gust front associated with a line of storms that moved across southern Ohio. In Lexington, one tree fell across two cars, bring extensive damage to both. According to the local Fayette County electrical utility company, several hundred homes across the county lost power.</p>				
<b>CLARK COUNTY --- 1.5 NNW WINCHESTER [38.00, -84.19]</b>				
	06/29/12 18:02 EST		0	Thunderstorm Wind (EG 52 kt)
	06/29/12 18:02 EST		0	Source: Emergency Manager
<p>A gust front associated with a line of storms across southern Ohio downed trees and power lines across Clark County.</p>				
<b>CLARK COUNTY --- 2.3 WNW WINCHESTER HELIPORT [38.03, -84.21]</b>				
	06/29/12 18:02 EST		0	Thunderstorm Wind (MG 50 kt)
	06/29/12 18:02 EST		0	Source: Mesonet
<p>A 58 mph wind gust was measured at the Clark County Kentucky Mesonet site 3 miles north of Winchester.</p>				
<p><b>On June 29th, a heat wave entered its second day across the lower Ohio Valley with near all time record highs for the month of June recorded at Lexington, Louisville and Bowling Green. Near the northern edge of this extreme heat, moderate westerly flow at 500mb and extreme instability set the state for a long lived derecho that raced across the upper Ohio Valley during the afternoon hours. This line of storms started near Chicago during the morning hours, growing in intensity as it quickly raced across central Indiana and southern Ohio. Although the thunderstorms stayed just north of the northern Bluegrass Region in Kentucky, an extensive gust front brought widespread wind damage and one fatality to several counties northeast of Lexington.</b></p>				