

Storm Data and Unusual Weather Phenomena - January 2010

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

(IN-Z076) ORANGE, (IN-Z077) WASHINGTON, (IN-Z078) SCOTT, (IN-Z079) JEFFERSON, (IN-Z083) DUBOIS, (IN-Z084) CRAWFORD, (IN-Z090) HARRISON, (IN-Z092) CLARK

01/07/10 07:00 EST	0	Winter Storm
01/07/10 16:00 EST	0	

Widespread snow of three to four inches fell across southern Indiana. An upper level trough and weak surface low pressure moved across central Indiana during the day on January 7th. Despite the northerly path of the surface low and southerly winds, antecedent temperatures were cold enough that precipitation remained all snow. Snow began around dawn and continued intermittently through late afternoon. A cold front brought brisk winds and some blowing snow during the late afternoon and evening hours. This storm brought the first significant snow of the season and caused numerous traffic accidents and inconvenience for travelers.

(IN-Z089) PERRY

01/29/10 22:00 EST	0	Heavy Snow
01/30/10 07:00 EST	0	

An upper level disturbance moved from the southern Plains through the Tennessee Valley the evening of January 29th. This storm left a broad swath of heavy snow from Oklahoma, through southern Kentucky and Tennessee, to the southern Appalachians and the mid-Atlantic states. Southern Indiana, located on the northern fringe of this storm, received snow ranging from 1 to 4 inches. A few locations in southwest Indiana received over 4 inches of snow.

KENTUCKY, Central

(KY-Z030) JEFFERSON, (KY-Z031) OLDHAM, (KY-Z032) TRIMBLE, (KY-Z033) HENRY, (KY-Z034) SHELBY, (KY-Z035) FRANKLIN, (KY-Z036) SCOTT, (KY-Z037) HARRISON, (KY-Z039) ANDERSON, (KY-Z041) FAYETTE, (KY-Z042) BOURBON

01/07/10 07:00 EST	0	Winter Storm
01/07/10 17:00 EST	0	

An upper level trough and a weak surface low moved across central Indiana during the day. Snow began near dawn and continued on an intermittent basis through late afternoon. Snow accumulations ranged from 3 to 4 inches across the northern Bluegrass Region and areas adjacent to the Ohio River, to around 1 inch near the Tennessee border. Precipitation remained all snow despite the northerly track of the surface low and light southerly winds. Due to antecedent cold temperatures, snow accumulated readily on roads and bridges, causing many accidents and travel problems.

(KY-Z074) BARREN

01/07/10 16:00 EST	0	Winter Weather
01/07/10 16:01 EST	0	

A fatality resulted from icy roads.

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

01/21/10 14:35 CST	50K	Thunderstorm Wind (EG 60 kt)
01/21/10 14:35 CST	0	Source: Emergency Manager

Thunderstorm winds blew down trees and blew the shingles off barns and houses. A carport was also blown off the side of a house.

CLINTON COUNTY --- 0.9 NW ALBANY [36.69, -85.14]

01/21/10 16:50 CST	0	Hail (1.00 in)
01/21/10 16:50 CST	0	Source: Trained Spotter

SIMPSON COUNTY --- 1.5 SE FRANKLIN WHAK ARPT [36.71, -86.61], 0.6 WNW FRANKLIN [36.72, -86.58]

01/21/10 18:00 CST	0.10M	Thunderstorm Wind (EG 65 kt)
01/21/10 18:00 CST	0	Source: Trained Spotter

Three houses were damaged in the 800 block of West Cedar. The roof was blown off one, while the other two sustained shingle damage. Several businesses had minor damage in the 500 block of West Madison, and an old warehouse building was destroyed in the 10000 block of West Cedar.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BOYLE COUNTY --- 0.8 NNW ALUM SPGS [37.61, -84.85]				
	01/21/10 18:20 EST		5K	Lightning
	01/21/10 18:20 EST		0	Source: Newspaper

The time of occurrence is estimated; the fire department arrived on the scene approximately 630 PM. Lightning struck several hundred yards from three homes near the 5500 block of Lebanon Road. The lightning followed an underground phone line into the homes, carving a trench as it traveled through the ground, and blowing out large sections of driveway. It also damaged a buried water line. The homes themselves suffered only minor, if any, damage, and there were no injuries.

A stationary front and surface low, with some strong upper level support, set off some severe thunderstorms over south central Kentucky.

(KY-Z035) FRANKLIN				
	01/26/10 01:00 EST		0	Cold/Wind Chill
	01/26/10 07:00 EST		0	

An elderly man became locked out of his family's home overnight and froze to death. Low temperatures reached the middle 20s with around one half inch of snow.

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z026) OHIO, (KY-Z027) GRAYSON, (KY-Z028) HARDIN, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z045) NELSON, (KY-Z046) WASHINGTON, (KY-Z047) MERCER, (KY-Z048) JESSAMINE, (KY-Z053) LARUE, (KY-Z054) MARION, (KY-Z055) BOYLE, (KY-Z056) GARRARD, (KY-Z057) MADISON, (KY-Z061) BUTLER, (KY-Z062) EDMONSON, (KY-Z063) HART, (KY-Z064) GREEN, (KY-Z065) TAYLOR, (KY-Z066) CASEY, (KY-Z067) LINCOLN, (KY-Z070) LOGAN, (KY-Z071) WARREN, (KY-Z072) SIMPSON, (KY-Z073) ALLEN, (KY-Z074) BARREN, (KY-Z075) MONROE, (KY-Z076) METCALFE, (KY-Z077) ADAIR, (KY-Z078) RUSSELL, (KY-Z081) CUMBERLAND, (KY-Z082) CLINTON				
	01/29/10 19:00 CST		0	Heavy Snow
	01/30/10 09:00 CST		0	

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z026) OHIO, (KY-Z027) GRAYSON, (KY-Z028) HARDIN, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z045) NELSON, (KY-Z046) WASHINGTON, (KY-Z047) MERCER, (KY-Z048) JESSAMINE, (KY-Z053) LARUE, (KY-Z054) MARION, (KY-Z055) BOYLE, (KY-Z056) GARRARD, (KY-Z057) MADISON, (KY-Z061) BUTLER, (KY-Z062) EDMONSON, (KY-Z063) HART, (KY-Z064) GREEN, (KY-Z065) TAYLOR, (KY-Z066) CASEY, (KY-Z067) LINCOLN, (KY-Z070) LOGAN, (KY-Z071) WARREN, (KY-Z072) SIMPSON, (KY-Z073) ALLEN, (KY-Z074) BARREN, (KY-Z075) MONROE, (KY-Z076) METCALFE, (KY-Z077) ADAIR, (KY-Z078) RUSSELL, (KY-Z081) CUMBERLAND, (KY-Z082) CLINTON				
	01/29/10 19:00 EST		0	Heavy Snow
	01/30/10 10:00 EST		0	

An upper level disturbance moved east from the southern plains through the Tennessee Valley late on a Friday night. This storm spread a broad swath of heavy snow extending from Oklahoma eastward across the Tennessee Valley and across the southern Appalachians through the mid-Atlantic states. Snow slowly moved northeast into south central Kentucky by mid-afternoon Friday, January 29th. Light to moderate snow continued across central Kentucky before ending shortly after dawn on Saturday. Due to antecedent dry air, snow did not develop across north central Kentucky and the Bluegrass Region until late Friday evening. Four to 8 inches of snow fell across the southern tier of counties adjacent to Tennessee. This amount of snow had not been seen in this area for several years. Farther north, 4 to 6 inches of snow fell across central Kentucky along and south of a line from Louisville through Lexington. Other locations along the Ohio River northeast of Louisville and across the northern Bluegrass received 1 to 4 inches.