

Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

INDIANA, South Central

(IN-Z077) WASHINGTON, (IN-Z078) SCOTT, (IN-Z091) FLOYD

02/06/10 02:00 EST	0	Heavy Snow
02/06/10 08:00 EST	0	

A weak trough moving across Tennessee brought a mix of rain and snow to southern Indiana. Light snow accumulated to around 1 inch during the morning of Friday, Feb 5th along a line extending from Washington to Jefferson county, Indiana before changing to rain by early afternoon. Rain changed to snow early on Feb 6th as a weak surface low moved into eastern Kentucky. A thin strip of 4 to 6 inches of snow accumulated across portions of Floyd, Washington and Scott counties.

(IN-Z076) ORANGE, (IN-Z077) WASHINGTON, (IN-Z078) SCOTT, (IN-Z079) JEFFERSON, (IN-Z083) DUBOIS, (IN-Z084) CRAWFORD, (IN-Z089) PERRY, (IN-Z090) HARRISON, (IN-Z091) FLOYD, (IN-Z092) CLARK

02/08/10 23:30 EST	0	Heavy Snow
02/09/10 11:00 EST	0	

A combination of an inverted trough moving across Tennessee and a strong closed low diving southward across the upper Midwest brought widespread snow ranging from 4 to 7 inches across southern Indiana. Snow began during the early morning hours on Tuesday Feb 9th. Light snow fell intermittently through the pre-dawn hours with a couple of inches of accumulation. Snowfall rates increased around dawn as banded precipitation associated with a deformation zone moved across the region. Occasionally heavy snow produced an additional 2 to 4 inches before ending during the mid morning hours. The axis of heaviest snow fell generally along the Ohio River from Jeffersonville through Scott and Jefferson Counties Indiana.

(IN-Z091) FLOYD

02/10/10 05:00 EST	1	0	Cold/Wind Chill
02/10/10 05:00 EST	0		

Direct Fatalities: M510U

A man died in New Albany, Indiana due to hypothermia during the early morning hours February 10th. He was found behind a shopping center. According to a police report, the man had disabilities and had fallen near a dumpster behind a store.

(IN-Z076) ORANGE, (IN-Z077) WASHINGTON, (IN-Z078) SCOTT, (IN-Z079) JEFFERSON, (IN-Z083) DUBOIS, (IN-Z084) CRAWFORD, (IN-Z089) PERRY, (IN-Z090) HARRISON, (IN-Z091) FLOYD, (IN-Z092) CLARK

02/14/10 23:00 EST	0	Heavy Snow
02/15/10 13:00 EST	0	

A compact upper low moving southeast from the upper Midwest brought heavy snow across all of southern Indiana. This storm traveled along a track typical of Alberta Clippers, which originate in Canada. While most clippers bring only light snow, this storm brought widespread 6 to 12 inch snows across southern Indiana. This region was located just north of the track of the surface low, and fell within an extensive deformation zone that developed just north of the upper low. Snow began around midnight and brought 4 to 6 inches by dawn. An additional 4 to 6 inches fell later that morning within an extensive area of snow northwest of the upper low's track. Heavy snow and blowing snow lead to several counties declaring snow emergencies, restricting local roads to official traffic only.

KENTUCKY, Central

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z027) GRAYSON, (KY-Z028) HARDIN, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z031) OLDHAM, (KY-Z032) TRIMBLE, (KY-Z033) HENRY, (KY-Z034) SHELBY, (KY-Z035) FRANKLIN, (KY-Z036) SCOTT, (KY-Z038) SPENCER, (KY-Z063) HART

02/08/10 22:00 EST	0	Heavy Snow
02/09/10 11:00 EST	0	

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z027) GRAYSON, (KY-Z028) HARDIN, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z031) OLDHAM, (KY-Z032) TRIMBLE, (KY-Z033) HENRY, (KY-Z034) SHELBY, (KY-Z035) FRANKLIN, (KY-Z036) SCOTT, (KY-Z038) SPENCER, (KY-Z063) HART

02/08/10 22:30 CST	0	Heavy Snow
02/09/10 10:00 CST	0	

Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

An inverted trough moving across Tennessee combined with an upper low sliding south across the upper Midwest brought a mixture of heavy snow, sleet and rain across central Kentucky Tuesday morning February 9th. Snow began during the evening hours across south central Kentucky and moved north of Interstate 64 by midnight. By the early morning hours, snow had turned to sleet and rain south and east of a line from Breckinridge County through Henry County. Along the Ohio river, banded precipitation brought intermittent bursts of heavy snow around 8 to 9 am. The heaviest snow totals fell along the Ohio River, where 4 to 7 inches of accumulation were common. Sleet and rain limited snowfall amounts to 1 to 3 inches across south central Kentucky and the Bluegrass Region.

(KY-Z030) JEFFERSON

02/11/10 00:00 EST	1	0	Cold/Wind Chill
02/11/10 08:00 EST		0	

Direct Fatalities: M49OU

The second hypothermia death in two days occurred in the Louisville metro area when a man died of exposure in southwest Louisville.

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z029) BULLITT, (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-Z040) WOODFORD, (KY-Z041) FAYETTE, (KY-Z042) BOURBON, (KY-Z043) NICHOLAS, (KY-Z049) CLARK

02/14/10 23:00 EST		0	Heavy Snow
02/15/10 13:00 EST		0	

A strong Alberta Clipper brought heavy snow across north central Kentucky. While clipper type storms, which originate across the Canadian prairies, do not usually produce heavy snow, this storm featured a very deep and compact upper low. This low tracked from west to east right across central Kentucky. Initially, 1 to 3 inches of snow associated with warm air advection fell during the predawn hours. Just after sunrise, an additional 2 to 4 inches of snow associated with a deformation zone developed along and just north of Interstate 64. Storm totals varied widely across north central Kentucky and the Bluegrass Region, with just 30 miles separating 2 inch accumulations from 6 inches.