

Storm Data and Unusual Weather Phenomena - December 2007

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

(IN-Z050) WAYNE, (IN-Z074) DEARBORN

12/15/07 07:00 EST	0	Heavy Snow
12/15/07 20:00 EST	0	

A low pressure system tracked from the Mississippi Valley to the Ohio Valley early in the morning of the 15th. As the low crossed north of the Ohio River, it quickly intensified. Snow overspread Indiana early in the morning with rates of an inch per hour, but the intensifying low pulled in warmer air changing it quickly to rain by the late morning, cutting the earlier snowfall amounts significantly.

(IN-Z050) WAYNE, (IN-Z058) FAYETTE, (IN-Z074) DEARBORN

12/04/07 23:00 EST	0	Winter Weather
12/05/07 16:30 EST	0	

(IN-Z059) UNION

12/04/07 23:00 EST	0	Heavy Snow
12/05/07 16:30 EST	0	

An Alberta Clipper moved southeast through the Ohio Valley, producing 2 to 4 inches of snowfall in east central Indiana.

(IN-Z050) WAYNE, (IN-Z058) FAYETTE, (IN-Z059) UNION

12/07/07 00:00 EST	0	Winter Weather
12/07/07 12:00 EST	0	

A quick moving upper level disturbance tracked east through the Ohio valley and produced 1 to 3 inches of snowfall. Enough warm air was pulled into the region to change some of this snow to light freezing rain and drizzle before ending.

KENTUCKY, Northern

LEWIS COUNTY --- 4.0 SE VANCEBURG [38.56, -83.20], QUINCY [38.62, -83.13], GARRISON [38.60, -83.17], 2.0 SE VANCEBURG [38.58, -83.22]

12/13/07 09:02 EST	1K	Flood (due to Heavy Rain)
12/13/07 10:30 EST	0	Source: Law Enforcement

State Route 8 and Rock Run Road were flooded and impassable.

Heavy rainfall caused minor flooding in northeast Kentucky during the morning.

OHIO, Southwest

MERCER COUNTY --- COLDWATER [40.40, -84.62], MARIA STEIN [40.40, -84.48]

12/23/07 06:02 EST	2K	Thunderstorm Wind (EG 50 kt)
12/23/07 06:07 EST	0	Source: Law Enforcement

One power pole and two trees were knocked down along Fairground Road and State Route 119.

SHELBY COUNTY --- 5.0 NW LOCKINGTON [40.25, -84.30]

12/23/07 06:36 EST	2K	Thunderstorm Wind (EG 50 kt)
12/23/07 06:41 EST	0	Source: Law Enforcement

Several large tree limbs were downed in the 8000 block of Houston Road.

AUGLAIZE COUNTY --- 4.0 NW WAPAKONETA [40.61, -84.25], 2.0 SE WAPAKONETA [40.55, -84.17]

12/23/07 06:38 EST	2K	Thunderstorm Wind (EG 50 kt)
12/23/07 06:43 EST	0	Source: Law Enforcement

One tree was downed near the intersection of Kelly and Buckland River Roads. A power pole was knocked down just southeast of Wapakoneta.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LOGAN COUNTY --- DE GRAFF [40.32, -83.92]				
	12/23/07 07:14 EST		3K	Thunderstorm Wind (EG 50 kt)
	12/23/07 07:19 EST		0	Source: Law Enforcement
Multiple trees and power poles were knocked down in town.				
CHAMPAIGN COUNTY --- 4.2 NNW KENNARD [40.24, -83.71]				
	12/23/07 07:25 EST		3K	Thunderstorm Wind (EG 50 kt)
	12/23/07 07:30 EST		0	Source: Law Enforcement
Several trees were knocked down along Ludlow Road.				
A line of low topped convection moved across west central Ohio ahead of a powerful cold front. Strong winds associated with the line produced scattered wind damage.				
(OH-Z026) HARDIN, (OH-Z034) MERCER, (OH-Z045) UNION, (OH-Z052) CHAMPAIGN, (OH-Z053) CLARK, (OH-Z063) FAYETTE, (OH-Z070) BUTLER, (OH-Z071) WARREN, (OH-Z072) CLINTON, (OH-Z073) ROSS, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z079) BROWN, (OH-Z080) HIGHLAND, (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO				
	12/04/07 23:00 EST		0	Winter Weather
	12/05/07 16:30 EST		0	
(OH-Z035) AUGLAIZE, (OH-Z042) DARKE, (OH-Z043) SHELBY, (OH-Z044) LOGAN, (OH-Z051) MIAMI, (OH-Z060) PREBLE, (OH-Z061) MONTGOMERY, (OH-Z062) GREENE				
	12/04/07 23:00 EST		0	Heavy Snow
	12/05/07 14:00 EST		0	
An Alberta Clipper moved southeast through the Ohio Valley, producing 3 to 5 inches of snowfall along the I-70 corridor in Ohio and Indiana. The heaviest snowfall came in behind the clipper system as cloud tops cooled in central Ohio, dynamically adding lift to the back edge of the precipitation before ending west to east across the region.				
(OH-Z046) DELAWARE, (OH-Z054) MADISON, (OH-Z055) FRANKLIN, (OH-Z056) LICKING, (OH-Z064) PICKAWAY, (OH-Z065) FAIRFIELD, (OH-Z074) HOCKING				
	12/05/07 00:00 EST		0	Heavy Snow
	12/05/07 19:00 EST		0	
An Alberta Clipper moved southeast through the Ohio Valley, producing 3 to 5 inches of snowfall along the I-70 corridor in Ohio and Indiana. The heaviest snowfall came in behind the clipper system as cloud tops cooled in central Ohio, dynamically adding lift to the back edge of the precipitation before ending west to east across the region.				
(OH-Z035) AUGLAIZE, (OH-Z044) LOGAN, (OH-Z045) UNION, (OH-Z046) DELAWARE, (OH-Z055) FRANKLIN, (OH-Z060) PREBLE, (OH-Z061) MONTGOMERY, (OH-Z070) BUTLER, (OH-Z077) HAMILTON				
	12/15/07 07:00 EST		0	Heavy Snow
	12/16/07 11:00 EST		0	
A low pressure system tracked from the Mississippi Valley to the Ohio Valley early in the morning of the 15th. As the low crossed north of the Ohio River, it quickly intensified. Snow overspread western Ohio early in the morning with rates of an inch per hour, but the intensifying low pulled in warmer air changing it quickly to rain by the afternoon, cutting the earlier snowfall amounts significantly. As the low exited the region, cold air worked back into the region, bringing additional accumulation by the morning of the 16th.				
(OH-Z026) HARDIN, (OH-Z034) MERCER, (OH-Z035) AUGLAIZE, (OH-Z042) DARKE, (OH-Z043) SHELBY, (OH-Z044) LOGAN, (OH-Z045) UNION, (OH-Z046) DELAWARE, (OH-Z051) MIAMI, (OH-Z052) CHAMPAIGN, (OH-Z053) CLARK, (OH-Z054) MADISON, (OH-Z055) FRANKLIN, (OH-Z056) LICKING, (OH-Z060) PREBLE, (OH-Z061) MONTGOMERY, (OH-Z062) GREENE, (OH-Z063) FAYETTE, (OH-Z064) PICKAWAY, (OH-Z065) FAIRFIELD, (OH-Z070) BUTLER, (OH-Z071) WARREN, (OH-Z072) CLINTON, (OH-Z074) HOCKING, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z080) HIGHLAND				
	12/07/07 00:00 EST		0	Winter Weather
	12/07/07 12:00 EST		0	
A quick moving upper level disturbance tracked east through the Ohio valley and produced 1 to 3 inches of snowfall. Enough warm air was pulled into the region to change some of this snow to light freezing rain and drizzle before ending. A few isolated spots got up to 4 inches of snow but this was not indicative of the rest of these counties.				