

## Storm Data and Unusual Weather Phenomena - February 2009

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

#### (IN-Z050) WAYNE, (IN-Z058) FAYETTE, (IN-Z059) UNION, (IN-Z066) FRANKLIN

02/03/09 12:00 EST	0	Heavy Snow
02/03/09 22:00 EST	0	

Low pressure tracked east through the Ohio Valley during the afternoon. This set up a boundary extending from just west of Richmond, Indiana, through eastern Cincinnati, to Maysville, Kentucky. A mid level disturbance created a very strong source of localized lift, which produced snowfall rates exceeding two inches per hour.

#### DEARBORN COUNTY --- BRIGHT [39.22, -84.85]

02/11/09 14:57 EST	10K	Thunderstorm Wind (EG 50 kt)
02/11/09 15:01 EST	0	Source: Law Enforcement

Several trees were knocked down. One large tree fell on a power line, while another tree landed on a house, causing minor damage.

Scattered severe thunderstorms developed during the afternoon.

#### (IN-Z050) WAYNE, (IN-Z058) FAYETTE, (IN-Z066) FRANKLIN, (IN-Z073) RIPLEY, (IN-Z074) DEARBORN, (IN-Z075) OHIO, (IN-Z080) SWITZERLAND

02/11/09 14:57 EST	0	High Wind (MAX 52 kt)
02/11/09 21:30 EST	0	

A cold front crossed the Ohio Valley on the evening of the 11th. A very tight pressure gradient behind this front in the cold air created damaging winds during the late evening of the 11th.

### KENTUCKY, Northern

#### (KY-Z093) CAMPBELL, (KY-Z097) BRACKEN, (KY-Z099) MASON, (KY-Z100) LEWIS

02/03/09 12:00 EST	0	Heavy Snow
02/03/09 22:00 EST	0	

Low pressure tracked east through the Ohio Valley during the afternoon. This set up a boundary extending from just west of Richmond, Indiana, through eastern Cincinnati, to Maysville, Kentucky. A mid level disturbance created a very strong source of localized lift, which produced snowfall rates exceeding two inches per hour.

#### PENDLETON COUNTY --- FALMOUTH [38.67, -84.33]

02/11/09 15:41 EST	8K	Thunderstorm Wind (EG 50 kt)
02/11/09 15:45 EST	0	Source: Trained Spotter

Gutters and shingles were blown off of a few houses.

#### BRACKEN COUNTY --- BROOKSVILLE [38.68, -84.07]

02/11/09 15:56 EST	8K	Thunderstorm Wind (EG 50 kt)
02/11/09 15:59 EST	0	Source: Law Enforcement

A car port was blown down at a residence.

#### LEWIS COUNTY --- RIBOLT [38.57, -83.52]

02/11/09 16:22 EST	1K	Thunderstorm Wind (EG 52 kt)
02/11/09 16:25 EST	0	Source: Trained Spotter

#### BOONE COUNTY --- BURLINGTON [39.03, -84.72]

02/11/09 17:18 EST	1K	Hail (0.75 in)
02/11/09 17:22 EST	0	Source: Public

#### BOONE COUNTY --- HEBRON [39.07, -84.68]

02/11/09 17:24 EST	1K	Hail (0.75 in)
02/11/09 17:28 EST	0	Source: Trained Spotter

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Scattered severe thunderstorms developed during the afternoon and evening.

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(KY-Z089) CARROLL, (KY-Z090) GALLATIN, (KY-Z091) BOONE, (KY-Z092) KENTON, (KY-Z093) CAMPBELL, (KY-Z094) OWEN, (KY-Z095) GRANT, (KY-Z096) PENDLETON, (KY-Z097) BRACKEN, (KY-Z098) ROBERTSON, (KY-Z099) MASON, (KY-Z100) LEWIS

02/11/09 18:15 EST			0	High Wind (MAX 54 kt)
02/11/09 21:30 EST		3	0	

A cold front crossed the Ohio Valley on the evening of the 11th. A very tight pressure gradient behind this front in the cold air created damaging winds during the late evening of the 11th.

### OHIO, Southwest

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(OH-Z060) PREBLE, (OH-Z070) BUTLER, (OH-Z071) WARREN, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z079) BROWN, (OH-Z081) ADAMS, (OH-Z088) SCIOTO

02/03/09 12:00 EST			0	Heavy Snow
02/03/09 22:00 EST			0	

Low pressure tracked east through the Ohio Valley during the afternoon. This set up a boundary extending from just west of Richmond, Indiana, through eastern Cincinnati, to Maysville, Kentucky. A mid level disturbance created a very strong source of localized lift, which produced snowfall rates exceeding two inches per hour.

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(OH-Z070) BUTLER

02/04/09 20:00 EST		1	0	Extreme Cold/Wind Chill
02/06/09 00:00 EST			0	

Direct Fatalities: F87OU

A cold snap claimed the life of a woman in Butler county.

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CLERMONT COUNTY --- 1.4 NNE FELICITY [38.85, -84.09]

02/11/09 15:58 EST			10K	Thunderstorm Wind (EG 50 kt)
02/11/09 16:02 EST			0	Source: Law Enforcement

Trees and power poles were downed along State Route 133. One tree fell on a house, causing minor structural damage.

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BROWN COUNTY --- 0.5 W MT OREB [39.03, -83.93]

02/11/09 16:11 EST			3K	Thunderstorm Wind (EG 50 kt)
02/11/09 16:15 EST			0	Source: Public

Large tree limbs were downed.

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HIGHLAND COUNTY --- 0.6 ESE LEESBURG [39.35, -83.56], 2.1 E BOSTON [39.22, -83.48]

02/11/09 16:40 EST			5K	Thunderstorm Wind (EG 50 kt)
02/11/09 16:48 EST			0	Source: Law Enforcement

Several trees and power lines were downed. One tree was blown on to State Route 28 near Leesburg.

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SCIOTO COUNTY --- 2.2 W OTWAY [38.87, -83.22]

02/11/09 16:40 EST			10K	Thunderstorm Wind (EG 50 kt)
02/11/09 16:44 EST			0	Source: Emergency Manager

A trailer was blown on to State Route 348.

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SCIOTO COUNTY --- 1.3 SW EDEN PARK [38.76, -82.99], 0.7 NW SCIOTODALE [38.76, -82.86]

02/11/09 16:46 EST			20K	Thunderstorm Wind (EG 52 kt)
02/11/09 16:53 EST			0	Source: Emergency Manager

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<b>FAYETTE COUNTY --- BLOOMINGBURG [39.60, -83.40]</b>				
	02/11/09 16:55 EST		1K	Thunderstorm Wind (EG 52 kt)
	02/11/09 16:58 EST		0	Source: Trained Spotter
<b>HIGHLAND COUNTY --- 0.5 ENE HILLSBORO [39.20, -83.61]</b>				
	02/11/09 17:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:05 EST		0	Source: Law Enforcement
Trees were knocked down.				
<b>PICKAWAY COUNTY --- 0.4 NW NEW HOLLAND [39.55, -83.25]</b>				
	02/11/09 17:02 EST		7K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:06 EST		0	Source: Amateur Radio
Power poles were snapped, and one fell on a building.				
<b>SCIOTO COUNTY --- 0.9 WSW GENNETTS [38.62, -82.84]</b>				
	02/11/09 17:05 EST		8K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:09 EST		0	Source: Emergency Manager
Trees were downed on a mobile home, causing minor damage.				
<b>HAMILTON COUNTY --- 0.7 SE DELHI HILLS [39.11, -84.57]</b>				
	02/11/09 17:21 EST		1K	Hail (0.75 in)
	02/11/09 17:24 EST		0	Source: Trained Spotter
<b>PICKAWAY COUNTY --- 0.7 NE WHISLER [39.49, -82.82]</b>				
	02/11/09 17:25 EST		3K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:29 EST		0	Source: Law Enforcement
Trees and power lines were knocked down.				
<b>FRANKLIN COUNTY --- (LCK)RCKENBCKR ARPT [39.82, -82.93]</b>				
	02/11/09 17:28 EST		1K	Thunderstorm Wind (MG 57 kt)
	02/11/09 17:29 EST		0	Source: ASOS
A 66 MPH gust was measured at Rickenbacker Airport (KLCK).				
<b>HAMILTON COUNTY --- 1.2 ESE AMBERELEY [39.20, -84.41]</b>				
	02/11/09 17:31 EST		1K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:34 EST		0	Source: Amateur Radio
<b>DELAWARE COUNTY --- 0.3 N RADNOR [40.38, -83.15]</b>				
	02/11/09 17:33 EST		2K	Thunderstorm Wind (MG 56 kt)
	02/11/09 17:36 EST		0	Source: Amateur Radio
<b>FRANKLIN COUNTY --- (CMH)PORT COLUMBUS A [40.00, -82.88]</b>				
	02/11/09 17:33 EST		1K	Thunderstorm Wind (MG 57 kt)
	02/11/09 17:34 EST		0	Source: ASOS
A 66 MPH gust was measured at the Port Columbus International Airport (KCMH).				
<b>DELAWARE COUNTY --- DELAWARE [40.30, -83.07], GALENA [40.22, -82.88]</b>				
	02/11/09 17:35 EST		3K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:42 EST		0	Source: Public
Trees were downed.				

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<b>HAMILTON COUNTY --- 0.1 N MADEIRA [39.18, -84.37]</b>				
	02/11/09 17:36 EST		1K	Thunderstorm Wind (EG 52 kt)
	02/11/09 17:39 EST		0	Source: Trained Spotter
<b>FAIRFIELD COUNTY --- LNCSTER FRFLD CO ARP [39.75, -82.65]</b>				
	02/11/09 17:37 EST		1K	Thunderstorm Wind (MG 53 kt)
	02/11/09 17:38 EST		0	Source: ASOS
A 61 MPH gust was measured at Lancaster Airport (KLHQ).				
<b>HOCKING COUNTY --- LOGAN [39.53, -82.42]</b>				
	02/11/09 17:38 EST		4K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:42 EST		0	Source: Law Enforcement
Numerous trees and power lines were downed.				
<b>WARREN COUNTY --- 1.9 SSE SOCIALVILLE [39.29, -84.31], 0.6 W BUTLERVILLE [39.30, -84.09]</b>				
	02/11/09 17:40 EST		5K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:48 EST		0	Source: Law Enforcement
Trees and power lines were downed across the southern part of the county, including along Fields Ertel Road in Deerfield Township and near the intersection of Fisher Road and State Route 132 in Harlan Township.				
<b>FAIRFIELD COUNTY --- LANCASTER [39.72, -82.60], SUGAR GROVE [39.63, -82.55]</b>				
	02/11/09 17:44 EST		2K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:50 EST		0	Source: Law Enforcement
Two trees were knocked down.				
<b>LICKING COUNTY --- 0.7 NNW HARTFORD [40.24, -82.69]</b>				
	02/11/09 17:45 EST		15K	Thunderstorm Wind (EG 52 kt)
	02/11/09 17:48 EST		0	Source: Fire Department/Rescue
A fifty foot radio tower at the local fire station was partially snapped at its base. Several trees were knocked down on roads.				
<b>BROWN COUNTY --- FAYETTEVILLE [39.18, -83.92]</b>				
	02/11/09 17:55 EST		3K	Thunderstorm Wind (EG 50 kt)
	02/11/09 17:58 EST		0	Source: Public
Large tree limbs were downed.				
<b>CLINTON COUNTY --- 1.9 ESE WILMINGTON CLINTON F [39.49, -83.84]</b>				
	02/11/09 18:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	02/11/09 18:04 EST		0	Source: NWS Employee
Trees were knocked down.				
<b>CLINTON COUNTY --- 1.3 WSW (ILN)WILMINGTON ARPK [39.42, -83.82]</b>				
	02/11/09 18:07 EST		1K	Thunderstorm Wind (MG 58 kt)
	02/11/09 18:08 EST		0	Source: Official NWS Observations
A 67 MPH gust was measured at the NWS office in Wilmington.				
<b>CLINTON COUNTY --- (ILN)WILMINGTON ARPK [39.43, -83.80]</b>				
	02/11/09 18:10 EST		1K	Thunderstorm Wind (MG 56 kt)
	02/11/09 18:11 EST		0	Source: ASOS
A 64 MPH gust was measured at the Wilmington airport (KILN).				
<b>MONTGOMERY COUNTY --- (DAY)COX DAYTON INTL [39.90, -84.22]</b>				

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	02/11/09 18:12 EST		1K	Thunderstorm Wind (MG 50 kt)
	02/11/09 18:13 EST		0	Source: ASOS

A 58 MPH gust was measured at the Dayton International Airport (KDAY).

### FAYETTE COUNTY --- FAYETTE CO ARPT [39.57, -83.42]

	02/11/09 18:24 EST		1K	Thunderstorm Wind (MG 61 kt)
	02/11/09 18:25 EST		0	Source: AWOS

A 70 MPH gust was measured at the Fayette County Airport.

### CHAMPAIGN COUNTY --- 1.5 WNW WESTVILLE [40.11, -83.85], 0.7 ENE URBANA WELLES ARPT [40.08, -83.67]

	02/11/09 18:35 EST		8K	Thunderstorm Wind (EG 50 kt)
	02/11/09 18:45 EST		0	Source: Law Enforcement

Trees and power lines were downed across the county.

### MERCER COUNTY --- 0.1 NNE CELINA [40.55, -84.57]

	02/11/09 18:45 EST		8K	Thunderstorm Wind (EG 50 kt)
	02/11/09 18:49 EST		0	Source: Law Enforcement

Several trees and power lines were knocked down. A trailer was blown into a road.

### LICKING COUNTY --- PATASKALA [40.00, -82.67]

	02/11/09 19:00 EST		15K	Thunderstorm Wind (EG 52 kt)
	02/11/09 19:04 EST		0	Source: Law Enforcement

One barn was destroyed, and one house lost half of its roof. Numerous trees and large limbs were also downed.

Scattered severe thunderstorms developed during the afternoon and evening.

(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-Z073) ROSS, (OH-Z074) HOCKING, (OH-Z077) HAMILTON, (OH-Z078) CLERMONT, (OH-Z079) BROWN, (OH-Z080) HIGHLAND, (OH-Z081) ADAMS, (OH-Z082) PIKE, (OH-Z088) SCIOTO

	02/11/09 16:30 EST	1	0	High Wind (MAX 66 kt)
	02/11/09 23:50 EST	2	0	

Direct Fatalities: U??VE

A cold front crossed the Ohio Valley on the evening of the 11th. A very tight pressure gradient behind this front in the cold air created damaging winds during the late evening of the 11th.

### WARREN COUNTY --- LEBANON [39.43, -84.20]

	02/18/09 14:50 EST		1K	Hail (0.75 in)
	02/18/09 14:53 EST		0	Source: Emergency Manager

An isolated thunderstorm briefly produced large hail as it moved across Warren County.