

Storm Data and Unusual Weather Phenomena - January 2007

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

LA PORTE (IN-Z003), ST. JOSEPH (IN-Z004), STEUBEN (IN-Z007)

01/14/07 21:00 EST	0	Ice Storm
01/15/07 06:00 EST	0	

Low level temperatures climbed above freezing in a strong overrunning setup. A shallow layer of below freezing surface temperatures existed across far northern Indiana, along and north of the Indiana Toll Road. Reports of one quarter to one half inch of freezing rain was reported. Trees and power lines were damaged from the ice accumulations. Many schools were either delayed or closed for the day. No injuries were reported as a result of the ice accumulations.

LA PORTE (IN-Z003), ST. JOSEPH (IN-Z004)

01/15/07 22:00 EST	0	Lake-Effect Snow
01/16/07 10:58 EST	0	

North to northwest winds over the unseasonably warm waters of Lake Michigan resulted in a few dominant bands of moderate to locally heavy lake effect snowfall across extreme northern Indiana. The heaviest amounts ranged from 8 inches in the Fish Lake area of Laporte county to 6 inches in the New Carslie area of St. Joseph county.

LA PORTE (IN-Z003), ST. JOSEPH (IN-Z004)

01/27/07 11:00 EST	0	Lake-Effect Snow
01/29/07 00:00 EST	0	

A surge of arctic air moved across the relatively warm waters of Lake Michigan. A well developed single band of lake effect snow developed and meandered across parts of northwestern Indiana. The heaviest accumulations across northwest Indiana fell across Laporte and St Joseph counties where 7 to 9 inches of snow fell, including the cities of South Bend, Rolling Prairie and Michigan City. In additions gusty west to northwest winds caused blowing and drifting of the new snow.

MICHIGAN, Extreme Southwest

CASS (MI-Z078), ST. JOSEPH (MI-Z079), BRANCH (MI-Z080), HILLSDALE (MI-Z081)

01/14/07 21:00 EST	0	Ice Storm
01/15/07 06:00 EST	1	

Low level temperatures climbed above freezing in a strong overrunning setup. A shallow layer of below freezing surface temperatures existed across far southern Lower Michigan. Reports of one quarter to one half inch of freezing rain was reported. Trees and power lines were damaged from the ice accumulations. Road crews were prepared for the storm and as a result impacts to roads were limited, only resulting in a few accidents and school delays. One injury was reported west of the city of Coldwater in Batavia Township, where a large tree limb fell onto a vehicle, pinning the driver and causing injuries of unknown severity.

BERRIEN (MI-Z077)

01/15/07 22:00 EST	0	Lake-Effect Snow
01/16/07 10:58 EST	0	

North to northwest winds over the unseasonably warm waters of Lake Michigan resulted in a few dominant bands of moderate to locally heavy lake effect snowfall across extreme southwestern Lower Michigan. Stevensville in Berrien County reported 6 inches of snowfall.

BERRIEN (MI-Z077), CASS (MI-Z078), ST. JOSEPH (MI-Z079)

01/27/07 06:00 EST	0	Lake-Effect Snow
01/29/07 00:00 EST	0	

A surge of arctic air moved across the relatively warm waters of Lake Michigan. A significant single band of lake effect snow developed and meandered across parts of far southwestern Lower Michigan. In general accumulations of 6 to 10 inches were seen into St Joseph county. However, where the band persisted for over 24 hours, extreme snowfall amounts occurred with accumulations of 15 inches in Benton Harbor area to 20 inches in Stevensville.

BERRIEN (MI-Z077), CASS (MI-Z078)

01/29/07 22:00 EST	0	Lake-Effect Snow
01/31/07 01:00 EST	0	

Storm Data and Unusual Weather Phenomena - January 2007

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An alberta clipper system ushered in a reinforcing shot of cold air to the Great Lakes, resulting in another round of lake effect snowfall. A series of meso circulations that moved down the lake assisted in the enhancement of the lake effect bands. Local accumulations of 6 to as much as a foot of snow was recorded in parts of Berrien county. Cassopolis reported 12 inches of total snowfall from the lake effect event.

OHIO, Northwest

WILLIAMS (OH-Z001), FULTON (OH-Z002)

01/14/07 21:00 EST	0	Ice Storm
01/15/07 06:00 EST	0	

Low level temperatures climbed above freezing in a strong overrunning setup. A shallow layer of below freezing surface temperatures existed across portions of far northern Ohio. Reports of one quarter to one half inch of freezing rain was reported. Trees and power lines were damaged from the ice accumulations. Road crews were prepared for the storm and as a result impacts to roads were limited, only resulting in a few accidents and school delays.

Storm Data and Unusual Weather Phenomena - February 2007

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INDIANA, Northeast

LA PORTE (IN-Z003), ST. JOSEPH (IN-Z004), ELKHART (IN-Z005)

02/03/07 10:00 EST	0	Blizzard
02/03/07 15:41 EST	0	

A blast of arctic air moved across the Great Lakes. An upper level system provided the support for widespread snowfall across much of the region. Some locations across far northern Indiana experienced blizzard conditions, especially in outlying areas with some roads being impassable. Bitter windchills of 15 to 30 degrees below zero were also common as winds gusted to near 50 mph at times in some areas.

NOBLE (IN-Z008), DE KALB (IN-Z009), STARKE (IN-Z012), PULASKI (IN-Z013), MARSHALL (IN-Z014), FULTON (IN-Z015), KOSCIUSKO (IN-Z016), WHITLEY (IN-Z017), ALLEN (IN-Z018), WHITE (IN-Z020), CASS (IN-Z022), MIAMI (IN-Z023), WABASH (IN-Z024), HUNTINGTON (IN-Z025), WELLS (IN-Z026), ADAMS (IN-Z027), GRANT (IN-Z032), BLACKFORD (IN-Z033), JAY (IN-Z034)

02/13/07 02:00 EST	0	Blizzard
02/14/07 03:52 EST	0	

LA PORTE (IN-Z003), ST. JOSEPH (IN-Z004), ELKHART (IN-Z005), LAGRANGE (IN-Z006), STEUBEN (IN-Z007)

02/13/07 03:00 EST	0	Winter Storm
02/14/07 03:52 EST	0	

A powerful winter storm blanketed all of northern Indiana with heavy snow and strong winds. This caused widespread whiteout conditions across the area with many roads becoming impassable due to drifting snowfall. Numerous schools and businesses were closed on Valentines day as a result of the dangerous weather. The blowing and drifting was so widespread, that many counties pulled the snow plows from the roads and declared travel restrictions to all but emergency vehicles. Two weather related deaths were reported, one in Ashley in Steuben county and the other in Springville in Laporte county. Both deaths were traffic accident related. Accumulations ranged from 6 inches across the far north, to 17 inches from White county towards Grant county.

LA PORTE (IN-Z003), ST. JOSEPH (IN-Z004), ELKHART (IN-Z005), LAGRANGE (IN-Z006), NOBLE (IN-Z008), DE KALB (IN-Z009), STARKE (IN-Z012), PULASKI (IN-Z013), MARSHALL (IN-Z014), FULTON (IN-Z015), KOSCIUSKO (IN-Z016), WHITLEY (IN-Z017), ALLEN (IN-Z018), WHITE (IN-Z020), CASS (IN-Z022), MIAMI (IN-Z023), WABASH (IN-Z024), HUNTINGTON (IN-Z025), WELLS (IN-Z026), ADAMS (IN-Z027), GRANT (IN-Z032), BLACKFORD (IN-Z033), JAY (IN-Z034)

02/24/07 16:30 EST	0.60M	Ice Storm
02/25/07 05:11 EST	0	

A late February storm system brought widespread precipitation in the form of mainly freezing rain. Several locations did see periods of sleet during the event, however the ice accumulations posed the greatest threat. Reports of around one quarter inch of ice along with a few tenths of an inch of sleet was reported across parts of northern Indiana. 10 to 20 mph winds caused additional problems with fallen tree limbs and power lines, causing road closures and power outages. Temperatures rose above freezing during the overnight hours keeping overall damage to a minimum.

MICHIGAN, Extreme Southwest

BERRIEN (MI-Z077), CASS (MI-Z078)

02/03/07 10:00 EST	0	Blizzard
02/03/07 15:41 EST	0	

A blast of arctic air moved across the Great Lakes. An upper level system provided the support for widespread snowfall across much of the region. Some locations across far southwestern Lower Michigan experienced blizzard conditions, especially in outlying areas with some roads being impassable. Bitter windchills of 15 to 30 degrees below zero were also common as winds gusted to near 50 mph at times in some areas.

BERRIEN (MI-Z077), CASS (MI-Z078), ST. JOSEPH (MI-Z079), BRANCH (MI-Z080), HILLSDALE (MI-Z081)

02/13/07 03:00 EST	0	Winter Storm
02/14/07 03:46 EST	0	

A powerful winter storm blanketed far southern Lower Michigan with heavy snow and strong winds. This caused widespread whiteout conditions across the area with many roads becoming impassable due to drifting snowfall. Numerous schools and businesses were closed on Valentines day as a result of the dangerous weather. The blowing and drifting was so widespread, that many counties pulled the snow plows from the roads and declared travel restrictions to all but emergency vehicles. 6 to as much as 9 inches fell across the

Storm Data and Unusual Weather Phenomena - February 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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BERRIEN (MI-Z077), CASS (MI-Z078), ST. JOSEPH (MI-Z079)

02/24/07 21:00 EST	90K	Ice Storm
02/25/07 05:12 EST	0	

A late February storm system brought widespread precipitation in the form of mainly freezing rain. Several locations did see periods of sleet during the event, however the ice accumulations posed the greatest threat. Reports of around one quarter inch of ice along with a few tenths of an inch of sleet was reported across parts of far southwestern Lower Michigan. 10 to 20 mph winds caused additional problems with fallen tree limbs and power lines, causing road closures and power outages. Temperatures rose above freezing during the overnight hours keeping overall damage to a minimum.

OHIO, Northwest

DEFIANCE (OH-Z004), HENRY (OH-Z005), PAULDING (OH-Z015), PUTNAM (OH-Z016), VAN WERT (OH-Z024), ALLEN (OH-Z025)

02/13/07 03:00 EST	0	Blizzard
02/14/07 03:52 EST	0	

WILLIAMS (OH-Z001), FULTON (OH-Z002)

02/13/07 04:00 EST	0	Winter Storm
02/14/07 03:42 EST	0	

A powerful winter storm blanketed northwest Ohio with heavy snow and strong winds. This caused widespread whiteout conditions across the area with many roads becoming impassable due to drifting snowfall. Numerous schools and businesses were closed on Valentines day as a result of the dangerous weather. The blowing and drifting was so widespread, that many counties pulled the snow plows from the roads and declared travel restrictions to all but emergency vehicles. Accumulations from 6 inches north to around a foot in Van Wert and Allen counties

DEFIANCE (OH-Z004), HENRY (OH-Z005), PAULDING (OH-Z015), PUTNAM (OH-Z016), VAN WERT (OH-Z024), ALLEN (OH-Z025)

02/24/07 19:00 EST	0.15M	Ice Storm
02/25/07 05:11 EST	0	

A late February storm system brought widespread precipitation in the form of mainly freezing rain. Several locations did see periods of sleet during the event, however the ice accumulations posed the greatest threat. Reports of around one quarter inch of ice along with a few tenths of an inch of sleet was reported across parts of northwest Ohio. 10 to 20 mph winds caused additional problems with fallen tree limbs and power lines, causing road closures and power outages. Temperatures rose above freezing during the overnight hours keeping overall damage to a minimum.

Storm Data and Unusual Weather Phenomena - March 2007

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

ELKHART COUNTY				
2.1 NNW MIDDLEBURY	03/01/07 15:36 EST		0	Hail (1.00 in)
	03/01/07 15:37 EST		0	41.71N, 85.71W

ELKHART COUNTY				
0.9 SW MIDDLEBURY	03/01/07 15:37 EST		0	Hail (0.75 in)
	03/01/07 15:38 EST		0	41.67N, 85.71W

Hailed for 10 minutes.

A strong area of low pressure drew in warm and unstable air into the area, sparking several rounds of thunderstorms much of March 1st. By afternoon, sufficient lift and energy arrived to allow for isolated severe storms.

ELKHART COUNTY				
0.5 W GOSHEN	03/22/07 06:30 EST		0	Hail (1.00 in)
	03/22/07 06:31 EST		0	41.58N, 85.84W

A fast moving upper level shortwave, sufficient low level moisture and a 60 to 70 knot low level jet all combined to create a favorable environment for thunderstorms to develop. Severe weather remained isolated across the area.

MICHIGAN, Extreme Southwest

BERRIEN COUNTY				
0.7 N FAIRPLAIN	03/22/07 06:18 EST		0	Thunderstorm Wind (EG 52 kt)
	03/22/07 06:19 EST		0	42.09N, 86.45W

Several large tree limbs were blown down 2 miles south of Benton Harbor.

CASS COUNTY				
0.9 SW CASSOPOLIS	03/22/07 06:28 EST		0	Thunderstorm Wind (EG 52 kt)
	03/22/07 06:29 EST		0	41.9112N, 86.0118W

A few trees were blown down near Dowagiac.

ST. JOSEPH COUNTY				
1.5 SSW WHITE PIGEON	03/22/07 06:31 EST		0	Hail (0.75 in)
	03/22/07 06:32 EST		0	41.78N, 85.64W

A fast moving upper level shortwave, sufficient low level moisture and a 60 to 70 knot low level jet all combined to create a favorable environment for thunderstorms to develop. Severe weather remained isolated across the area.

OHIO, Northwest

FULTON COUNTY				
2.7 WNW LYTTON	03/14/07 15:36 EST		0	Hail (0.75 in)
	03/14/07 15:37 EST		0	41.66N, 84W

Reported on the Ohio Turnpike

Thunderstorms were embedded in an area of rain. A few storms produced hail with one storm in Fulton county producing penny size hail.

Storm Data and Unusual Weather Phenomena - April 2007

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

KOSCIUSKO (IN-Z016)

	04/01/07 15:30 EST		25K	Strong Wind (MAX 45 kt)
	04/01/07 15:31 EST		0	

Several showers developed across northern Indiana on April 1st. Strong winds aloft were brought down during collapse of the showers, with a report of damage in Kosciusko county being received.

LA PORTE COUNTY

1.9 E SPRINGVILLE	04/26/07 15:08 CST		40K	Tornado (EF1, L: 0.50 mi , W: 100 yd)
2.3 E SPRINGVILLE	04/26/07 15:11 CST		0	41.6789N, 86.693W ~ 41.6833N, 86.6853W

This tornado was the first of 2 to affect northeastern Laporte county. Touchdown occurred just east of Range Road and north of US 20 in the Rangewood subdivision. A barn was destroyed with several trees snapped or uprooted in the area. Two homes sustained damage, mainly from falling trees or tree limbs. No injuries or fatalities have been reported.

LA PORTE COUNTY

3.0 ENE SPRINGVILLE	04/26/07 15:18 CST		40K	Tornado (EF1, L: 0.31 mi , W: 450 yd)
3.0 SW HESSTON	04/26/07 15:21 CST	1	0	41.7006N, 86.6795W ~ 41.7047N, 86.677W

A patrol car was picked up and thrown over a fence approximately 150 feet. The officer seen the tornado, attempted to get out of the car, but winds prevented her from exiting. She suffered cuts and bruises, but no serious injuries. In addition, numerous trees were uprooted or snapped off along the path. 2 homes suffered damage in the area as well.

LA PORTE COUNTY

2.1 NNW MONROE MANOR	04/26/07 15:50 CST		0	Hail (0.88 in)
	04/26/07 15:51 CST		0	41.61N, 86.68W

NOBLE COUNTY

2.8 N WOLFLAKE STNGLAND AR	04/26/07 18:42 EST		0	Hail (0.88 in)
	04/26/07 18:43 EST		0	41.36N, 85.46W

A warm front moving north from central Indiana produced large scale deep ascent on the north side of the front. This lead to the development of thunderstorms, some of which became severe across parts of northern Indiana.

ALLEN COUNTY

0.9 NE FT WAYNE SMITH ARPT	04/30/07 12:01 EST		0	Hail (0.75 in)
	04/30/07 12:02 EST		0	41.16N, 85.14W

ALLEN COUNTY

3.5 NE WESTLAWN	04/30/07 12:05 EST		0	Hail (0.88 in)
	04/30/07 12:06 EST		0	41.12N, 85.21W

ALLEN COUNTY

0.5 W FT WAYNE	04/30/07 12:29 EST		0	Hail (0.88 in)
	04/30/07 12:30 EST		0	41.07N, 85.14W

A weak boundary became stationary during the early morning hours across northern Indiana and became the focus for numerous showers and thunderstorms. Initiation was rapid with a few storms beginning to produce severe hail within 10 minutes of developing. Environmental conditions quickly changed, bringing an end to the hail threat.

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
INDIANA, Northeast				
WHITLEY COUNTY				
0.7 S CHURUBUSCO	05/01/07 15:42 EST		0	Hail (0.88 in)
	05/01/07 15:43 EST		0	41.22N, 85.32W
ALLEN COUNTY				
2.2 ESE HUNTERTOWN	05/01/07 15:55 EST		0	Hail (0.75 in)
	05/01/07 15:56 EST		0	41.22N, 85.13W
STEBEN COUNTY				
1.6 W CLEAR LAKE	05/01/07 16:15 EST		10K	Thunderstorm Wind (EG 50 kt)
	05/01/07 16:16 EST		0	41.73N, 84.86W
A storage shed was rolled over, with fascia and gutters torn off a house. In addition, windows were broken in the house with some minor roof damage.				
STEBEN COUNTY				
FREMONT	05/01/07 16:18 EST		0	Hail (0.88 in)
	05/01/07 16:19 EST		0	41.73N, 84.93W
STEBEN COUNTY				
0.7 N ANGOLA	05/01/07 16:20 EST		0	Hail (1.00 in)
	05/01/07 16:21 EST		0	41.64N, 85W
STEBEN COUNTY				
FREMONT	05/01/07 16:22 EST		0	Hail (1.00 in)
	05/01/07 16:23 EST		0	41.73N, 84.93W
ALLEN COUNTY				
1.0 W HUNTERTOWN	05/01/07 16:27 EST		0	Hail (0.88 in)
	05/01/07 16:28 EST		0	41.23N, 85.19W
KOSCIUSKO COUNTY				
BARBEE	05/01/07 16:30 EST		0	Hail (0.75 in)
	05/01/07 16:31 EST		0	41.3N, 85.72W
PULASKI COUNTY				
0.5 E DENHAM	05/01/07 16:30 CST		0	Hail (0.75 in)
	05/01/07 16:31 CST		0	41.15N, 86.71W
WHITLEY COUNTY				
CHURUBUSCO	05/01/07 16:30 EST		0	Thunderstorm Wind (EG 50 kt)
	05/01/07 16:31 EST		0	41.23N, 85.32W
Large limbs were blown down.				
NOBLE COUNTY				
2.1 SW WOLFLAKE	05/01/07 16:34 EST		0	Hail (1.00 in)
	05/01/07 16:35 EST		0	41.31N, 85.53W
ALLEN COUNTY				
1.3 WSW GREENDALE	05/01/07 16:35 EST		0	Hail (1.00 in)
	05/01/07 16:36 EST		0	41.09N, 85.14W
WHITLEY COUNTY				
1.4 N COLUMBIA CITY	05/01/07 16:45 EST		0	Hail (0.88 in)
	05/01/07 16:46 EST		0	41.19N, 85.48W
ALLEN COUNTY				

Storm Data and Unusual Weather Phenomena - May 2007

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HUNTERTOWN	05/01/07 17:34 EST		0	Hail (1.00 in)
	05/01/07 17:35 EST		0	41.23N, 85.17W
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ALLEN COUNTY				
1.7 NW GREENDALE	05/01/07 17:37 EST		0	Hail (0.88 in)
	05/01/07 17:38 EST		0	41.12N, 85.14W
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ALLEN COUNTY				
0.5 W FT WAYNE	05/01/07 17:38 EST		0	Hail (1.00 in)
	05/01/07 17:39 EST		0	41.07N, 85.14W
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ALLEN COUNTY				
HUNTERTOWN	05/01/07 17:38 EST		0	Hail (1.00 in)
	05/01/07 17:39 EST		0	41.23N, 85.17W
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ALLEN COUNTY				
2.1 N NINE MILE	05/01/07 17:44 EST		0	Hail (0.75 in)
	05/01/07 17:45 EST		0	41.01N, 85.22W
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<p>A cold front advanced across northern Indiana producing numerous storms. As the storms encounter a more favorable environment, several began to produce hail.</p>				
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KOSCIUSKO COUNTY				
SYRACUSE	05/15/07 13:50 EST		0	Thunderstorm Wind (MG 53 kt)
	05/15/07 13:51 EST		0	41.42N, 85.75W
<p>Recorded at the National Weather Service office.</p>				
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PULASKI COUNTY				
0.5 W THORNHOPE	05/15/07 14:20 CST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 14:21 CST		0	40.93N, 86.53W
<p>There were scattered reports of trees and power lines down across the southern part of the county.</p>				
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LA PORTE COUNTY				
0.9 NE LA PORTE	05/15/07 14:49 CST		0	Thunderstorm Wind (EG 60 kt)
	05/15/07 14:50 CST		0	41.61N, 86.71W
<p>Numerous trees and power lines down across the city of La Porte. Winds were estimated 65 to 70 mph.</p>				
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PULASKI COUNTY				
2.1 SSE MEDARYVILLE	05/15/07 14:49 CST		15K	Thunderstorm Wind (EG 50 kt)
	05/15/07 14:50 CST		0	41.05N, 86.89W
<p>A semi was flipped over near the interesection of US-421 and State Route 14.</p>				
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WHITE COUNTY				
1.5 SSE GARWOOD ARPT	05/15/07 14:57 EST		0	Thunderstorm Wind (EG 50 kt)
	05/15/07 14:58 EST		0	40.86N, 86.84W
<p>2 trees were blown down just east of Monon.</p>				
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FULTON COUNTY				
0.5 E LEITERS FORD	05/15/07 15:29 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 15:30 EST		0	41.12N, 86.39W
<p>A large limb was blown down onto a road, near Leiters Ford, blocking the road for a short time. In addition, reports of other trees being blown down were received across the northwest part of the county.</p>				
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MARSHALL COUNTY				
0.7 N ARGOS	05/15/07 15:45 EST		0	Thunderstorm Wind (EG 60 kt)
	05/15/07 15:51 EST		0	41.24N, 86.25W

Storm Data and Unusual Weather Phenomena - May 2007

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<p>Numerous trees, tree limbs, power lines and poles were reported down across the county, including Argos, Plymouth, and Bourbon. No reports of significant structure damage were received.</p>				
ST. JOSEPH COUNTY				
1.5 SSE NEW CARLISLE	05/15/07 15:45 EST		13K	Tornado (EF0, L: 2.07 mi , W: 50 yd)
TERRE COUPEE	05/15/07 15:47 EST		0	41.6802N, 86.509W ~ 41.68N, 86.47W
<p>Local residents south of New Carlisle reported seeing a funnel pass over several rows of trees, causing some damage to the tree tops. The funnel subsequently touched down in an open field and moved rapidly east. A section of an irrigation system was twisted and destroyed in an open field. In addition, strong winds entered an open barn area resulting in much of the roofing material being removed. The winds also weakened the supports causing partial structural failure to a lean-to. A combine in the lean-to sustained some damage. A large tree also fell onto the residence causing some roof damage. Debris was thrown a few hundred feet into an open field. It appears that the tornado lifted shortly after affecting the residence. No injuries occurred with the brief touch down. The irrigation system damages has been estimated at \$13,000. Damage estimates to the house and barn are to be determined.</p>				
ST. JOSEPH COUNTY				
SOUTH BEND	05/15/07 16:00 EST		20K	Thunderstorm Wind (EG 60 kt)
	05/15/07 16:05 EST		0	41.67N, 86.25W
<p>Numerous trees, tree limbs, power lines and poles were blown down in and around the South Bend/Mishawaka area. A spire from the basilica on the Notre Dame campus was knocked off.</p>				
WHITE COUNTY				
0.5 W NORWAY	05/15/07 16:03 EST		50K	Thunderstorm Wind (EG 60 kt)
	05/15/07 16:04 EST		0	40.78N, 86.7599W
<p>Numerous trees, tree limbs, power lines and poles were blown down across the county. At least one gustnado was sighted by a county sheriff deputy. It touched down in an open field and then lifted without damage. Two large trees fell onto a residence on Ireland St in Monticello causing some roof damage, but luckily no injuries to those home at the time eating supper.</p>				
LA PORTE COUNTY				
0.9 NE LA PORTE	05/15/07 16:07 CST		0.10M	Thunderstorm Wind (MG 56 kt)
	05/15/07 16:08 CST		0	41.6088N, 86.7082W
<p>Several trees and power lines down in the area, as well as a recorded 65 mph gust. Some of these trees fell onto occupied residences. Luckily no one was injured in any of these cases. However, one injury was reported when a tree split and a limb fell onto a County Deputy Coroner who was on a motorcycle. He suffered 2 broken bones in the lower part of his legs. At least \$100,000 in damage is estimated from the storms.</p>				
KOSCIUSKO COUNTY				
MILFORD	05/15/07 16:10 EST		50K	Thunderstorm Wind (EG 60 kt)
	05/15/07 16:12 EST		0	41.42N, 85.85W
<p>Sporadic tree and power line damage was reported across the county. However the highest concentration of damage was found along a path from Hastings to Milford. In and around the Hastings area, A house suffered damage to a add on room where the shingles were peeled off and thrown into the yard. Numerous trees and power lines down in the town of Milford, closing several streets, with a partially rotten tree falling onto a parked van, destroying the back half of the van and lifting the front right wheel off the ground several inches.</p>				
FULTON COUNTY				
0.5 E LEITERS FORD	05/15/07 16:15 EST		0.15M	Thunderstorm Wind (MG 69 kt)
	05/15/07 16:16 EST		0	41.12N, 86.39W
<p>At least 6 homes were damaged by trees or tree limbs, with numerous other homes suffering lost shingles, siding and fascia. Numerous vehicles were also damaged from falling trees. Damage of at least \$150,000 is estimated.</p>				
CASS COUNTY				
0.5 W LOGANSFORT	05/15/07 16:30 EST		25K	Thunderstorm Wind (EG 60 kt)
	05/15/07 16:31 EST		0	40.75N, 86.36W
<p>Numerous trees, tree limbs, power lines reported down in and around Logansport. At least 4 homes were reported to have trees down onto them, suffering minor damage. Some structures also sustained shingle and siding damage. A tree fell onto a car as well.</p>				
ELKHART COUNTY				
3.5 S MILLERSBURG	05/15/07 16:30 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:31 EST		0	41.4694N, 85.7W
<p>Several large branches were blown down.</p>				

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FULTON COUNTY				
0.9 SE ROCHESTER	05/15/07 16:30 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:31 EST		0	41.06N, 86.21W
Two 12 inch diameter or larger trees were blown down.				
LAGRANGE COUNTY				
ONTARIO	05/15/07 16:40 EST		10K	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:41 EST		0	41.7N, 85.38W
Local officials reported scattered trees and power lines down across the nothern part of the county.				
KOSCIUSKO COUNTY				
2.1 SSW OSWEGO	05/15/07 16:45 EST		10K	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:46 EST		0	41.29N, 85.79W
2 large trees at least 2 feet in diameter were snapped and hit the corner of a house.				
MIAMI COUNTY				
PERU	05/15/07 16:45 EST		0	Thunderstorm Wind (EG 52 kt)
	05/15/07 16:46 EST		0	40.75N, 86.07W
Local officials reported receiving scattered tree and power line damage across the central part of the county.				
KOSCIUSKO COUNTY				
1.3 ENE OSWEGO	05/15/07 16:50 EST		10K	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:51 EST		0	41.33N, 85.76W
A 12 inch diameter maple tree snapped off and fell onto a garage and power lines.				
KOSCIUSKO COUNTY				
1.1 SE WARSAW	05/15/07 17:00 EST		15K	Thunderstorm Wind (EG 55 kt)
	05/15/07 17:01 EST		0	41.2186N, 85.8153W
A maple tree fell onto a business in Winona Lake causing roof damage to the building.				
NOBLE COUNTY				
0.3 S ALBION	05/15/07 17:15 EST		50K	Thunderstorm Wind (EG 60 kt)
	05/15/07 17:16 EST		0	41.3952N, 85.4197W
Numerous trees, tree limbs, power lines and poles were blown down in and around Albion. One tree branch fell onto a moving van in the Hlidden Diamonds Park in Albion. The driver was not injured.				
WHITLEY COUNTY				
0.5 W COLUMBIA CITY ARPT	05/15/07 17:15 EST		5K	Thunderstorm Wind (EG 50 kt)
	05/15/07 17:16 EST		0	41.12N, 85.43W
The cap from a silo was blown off.				
NOBLE COUNTY				
KENDALLVILLE	05/15/07 17:24 EST		50K	Thunderstorm Wind (EG 60 kt)
	05/15/07 17:25 EST		0	41.45N, 85.27W
Numerous trees, tree limbs, power lines and poles were down in and around Kendallville. At least 2 vehicles suffered damage from falling trees. A 30 to 40 foot tall maple tree snapped and fell between two houses, luckily not causing any damage to either one.				
KOSCIUSKO COUNTY				
WARSAW	05/15/07 17:33 EST		40K	Lightning
	05/15/07 17:34 EST		0	41.23N, 85.83W
Fire officials were dispatched to a residence in the Harrison Landing subdivision of Warsaw where lightning struck a house. The fire was contained within 30 minutes. No one was injured in the fire. Damage was estimated at around \$40,000				

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DE KALB COUNTY				
0.7 S ST JOE	05/15/07 17:40 EST		10K	Thunderstorm Wind (EG 55 kt)
	05/15/07 17:41 EST		0	41.31N, 84.9W

Two power poles were snapped off.

DE KALB COUNTY				
2.7 WNW SUMMIT	05/15/07 17:40 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 17:41 EST		0	41.53N, 85.07W

Several trees were blown down near Ashley.

A combination of a prefrontal outflow boundary draped across northern Indiana and a MCV from overnight convection across Nebraska the night before provided the focus for convection to develop. In addition, unstable conditions develop during the late morning and early afternoon with SBCAPES of 1500 to 2500 j/kg. Storms began to develop on this boundary during the mid afternoon hours and rapidly became severe. A line of storms associated with the MCV and an approaching trough moved across the northern part of Indiana. This line evolved into several small bowing segments which produced numerous reports of damaging winds and isolated tornadoes.

MICHIGAN, Extreme Southwest

HILLSDALE COUNTY				
0.9 NE CAMDEN	05/01/07 12:54 EST		0	Hail (0.88 in)
	05/01/07 12:55 EST		0	41.76N, 84.76W

HILLSDALE COUNTY				
0.9 NW OSSEO	05/01/07 15:02 EST		0	Hail (1.00 in)
	05/01/07 15:03 EST		0	41.89N, 84.54W

BRANCH COUNTY				
1.2 SE COLDWATER ARPT	05/01/07 15:20 EST		0	Hail (0.88 in)
	05/01/07 15:21 EST		0	41.92N, 85.03W

BRANCH COUNTY				
1.2 SW COLDWATER	05/01/07 15:25 EST		0	Hail (1.00 in)
	05/01/07 15:26 EST		0	41.94N, 85.02W

BRANCH COUNTY				
0.7 S COLDWATER	05/01/07 15:32 EST		0	Hail (0.88 in)
	05/01/07 15:33 EST		0	41.94N, 85W

BRANCH COUNTY				
1.5 E COLDWATER ARPT	05/01/07 15:41 EST		0	Hail (0.75 in)
	05/01/07 15:42 EST		0	41.93N, 85.02W

HILLSDALE COUNTY				
0.7 N READING	05/01/07 15:45 EST		0	Hail (1.00 in)
	05/01/07 15:46 EST		0	41.84N, 84.75W

BRANCH COUNTY				
0.7 S COLDWATER	05/01/07 16:30 EST		0	Hail (1.00 in)
	05/01/07 16:31 EST		0	41.94N, 85W

A stationary boundary was located across far southern Lower Michigan during the mid afternoon hours. As instability increased, numerous storms began to develop with many producing hail.

HILLSDALE COUNTY				
1.2 NW HILLSDALE	05/15/07 14:15 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 14:16 EST		0	41.93N, 84.64W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Trees were reported down across mainly the northern part of the county.

BERRIEN COUNTY

BUCHANON	05/15/07 15:45 EST		15K	Thunderstorm Wind (EG 55 kt)
	05/15/07 15:46 EST		0	41.83N, 86.37W

Several trees and power lines were blown down across the southeast part of the county.

CASS COUNTY

0.5 E DOWAGIAC CASS ARPT	05/15/07 16:15 EST		25K	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:16 EST		0	41.98N, 86.11W

Several trees and power lines reported across the entire county.

ST. JOSEPH COUNTY

1.5 SSE THREE RIVERS ARPT	05/15/07 16:40 EST		50K	Thunderstorm Wind (EG 83 kt)
1.5 NNE MENDON	05/15/07 16:50 EST		0	41.95N, 85.59W ~ 42.02N, 85.44W

A storm survey was performed by NWS personnel of the area between Three Rivers and Mendon, including Fishers Lake. Damage was observed at the Three Rivers Municipal Airport and at an adjacent residence to the airport. A hangar door was blown open at the airport, with 2 large tree trunks falling onto parked vehicles at a private residence. One of the vehicles had pulled into the driveway due to poor visibility, and before the driver could exit, the tree trunk fell onto the roof of the car, causing minor head injury to the driver. The Three Rivers AWOS (KHAI) recorded a 68 mph wind gust at 548 pm EDT. As the survey progressed along M-60 to some of the back roads, more extensive damage began to be encountered. A barn was found destroyed by a combination of the strong winds and a small shed being picked up and thrown into the barn. An adjacent barn also suffered moderate damage from the wind. Numerous trees limbs were snapped in the yard, as well as the chimney of the 2 story residence being blown over to roof level. Just to the north of this residence a large grove of various hardwood trees suffered extensive damage with many trees being uprooted or snapped. The sandy soil in the area reduced the resistance of the roots somewhat. A residence as well as a barn suffered only minor damage despite the estimated 90 to 95 mph winds. KIWX 88D Base velocity data showed a couplet with 82 kt (94 mph) outbound winds in this general area. Damage continued northeast towards Mendon where trees continued to be damaged as well as 2 barns.

With the strength of the winds, it is possible that a few gust front tornadoes (gustnadoes) may have developed and helped locally focus some of the damage, but by far the strength of the straight line winds was more significant than the potential winds of any gustnadoes.

ST. JOSEPH COUNTY

CENTREVILLE	05/15/07 16:40 EST		10K	Thunderstorm Wind (EG 60 kt)
	05/15/07 16:41 EST		0	41.92N, 85.53W

Several trees and power lines were reported down.

HILLSDALE COUNTY

1.2 NW HILLSDALE	05/15/07 17:33 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 17:34 EST		0	41.93N, 84.64W

Several additional large trees reported down across the northwestern part of the county.

A combination of a prefrontal outflow boundary draped across northern Indiana and a MCV from overnight convection across Nebraska the night before provided the focus for convection to develop. In addition, unstable conditions develop during the late morning and early afternoon with SBCAPES of 1500 to 2500 j/kg. Storms began to develop on this boundary during the mid afternoon hours and rapidly became severe across Indiana. A line of storms associated with the MCV and an approaching trough moved across the northern part of Indiana and into extreme southern Michigan. This line evolved into several small bowing segments which produced numerous reports of damaging winds, especially across parts of St Joseph county.

OHIO, Northwest

FULTON COUNTY

0.7 S DELTA	05/01/07 14:10 EST		0	Hail (2.00 in)
	05/01/07 14:11 EST		0	41.57N, 84W

Local newspaper articles reported hail slightly larger than the size of golf balls falling across the southern part of the county. Damage occurred to vehicles and homes across the area but no specific damage amounts were available.

WILLIAMS COUNTY

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
0.5 E COONEY	05/01/07 16:21 EST		0	Hail (1.00 in)
	05/01/07 16:22 EST		0	41.65N, 84.72W
WILLIAMS COUNTY				
0.7 N EDON	05/01/07 16:23 EST		0	Hail (0.75 in)
	05/01/07 16:24 EST		0	41.56N, 84.77W
FULTON COUNTY				
0.5 W WAUSEON	05/01/07 16:37 EST		0	Hail (1.00 in)
	05/01/07 16:38 EST		0	41.55N, 84.14W
FULTON COUNTY				
0.5 W WAUSEON	05/01/07 16:41 EST		0	Hail (1.75 in)
	05/01/07 16:42 EST		0	41.55N, 84.14W
WILLIAMS COUNTY				
BRYAN	05/01/07 16:41 EST		20K	Thunderstorm Wind (EG 60 kt)
	05/01/07 16:42 EST		0	41.47N, 84.55W
Power poles were bent over across the county.				
DEFIANCE COUNTY				
0.5 W DEFIANCE	05/01/07 16:51 EST		0	Hail (1.75 in)
	05/01/07 16:52 EST		0	41.28N, 84.36W
DEFIANCE COUNTY				
0.5 W DEFIANCE	05/01/07 17:25 EST		0	Hail (0.75 in)
	05/01/07 17:26 EST		0	41.28N, 84.36W
DEFIANCE COUNTY				
0.5 W DEFIANCE	05/01/07 17:43 EST		0	Hail (0.88 in)
	05/01/07 17:44 EST		0	41.28N, 84.36W
PAULDING COUNTY				
0.5 W ANTWERP	05/01/07 18:00 EST		0	Hail (0.88 in)
	05/01/07 18:01 EST		0	41.18N, 84.74W
PUTNAM COUNTY				
1.3 WNW FT JENNINGS	05/01/07 19:10 EST		0	Hail (0.75 in)
	05/01/07 19:11 EST		0	40.91N, 84.3W
PUTNAM COUNTY				
0.5 W COLUMBUS GROVE	05/01/07 20:05 EST		0	Hail (0.75 in)
	05/01/07 20:06 EST		0	40.92N, 84.06W
A stationary boundary was located across northwestern Ohio during the mid afternoon hours. As instability increased, numerous storms began to develop with many producing hail.				
FULTON COUNTY				
2.3 SSW WAUSEON GRIESER ARPT	05/15/07 16:30 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 16:31 EST		0	41.52N, 84.1W
Several trees were blown down around Wauseon.				
DEFIANCE COUNTY				
2.1 NW NEY	05/15/07 17:26 EST		0	Thunderstorm Wind (EG 52 kt)
	05/15/07 17:27 EST		0	41.4N, 84.55W
FULTON COUNTY				
2.3 SSW WAUSEON GRIESER ARPT	05/15/07 17:30 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 17:31 EST		0	41.52N, 84.1W

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees were blown down.				
DEFIANCE COUNTY				
1.3 WSW HICKSVILLE	05/15/07 17:52 EST		25K	Thunderstorm Wind (EG 60 kt)
	05/15/07 17:53 EST		0	41.29N, 84.77W
A three foot diameter tree fell onto a house in Defiance.				
HENRY COUNTY				
0.7 S GERALD	05/15/07 17:59 EST		0	Thunderstorm Wind (EG 50 kt)
	05/15/07 18:00 EST		0	41.44N, 84.13W
A power line was reported across a road north of Napoleon.				
WILLIAMS COUNTY				
EDGERTON	05/15/07 18:00 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 18:01 EST		0	41.45N, 84.75W
Several large trees were blown down.				
DEFIANCE COUNTY				
1.3 WSW HICKSVILLE	05/15/07 18:27 EST		0	Thunderstorm Wind (EG 55 kt)
	05/15/07 18:28 EST		0	41.29N, 84.77W
A large tree limb fell across a road near Hicksville.				
PUTNAM COUNTY				
0.5 W OTTOVILLE	05/15/07 18:45 EST		10K	Thunderstorm Wind (EG 55 kt)
	05/15/07 18:46 EST		0	40.93N, 84.34W
Trees and power lines were reported in Ottoville.				
PUTNAM COUNTY				
0.5 W LEIPSIC JCT	05/15/07 18:55 EST		5K	Thunderstorm Wind (EG 55 kt)
	05/15/07 18:56 EST		0	41.1N, 83.98W
A tree fell down onto a power line in Leipsic.				
<p>A combination of a prefrontal outflow boundary draped across northern Indiana and a MCV from overnight convection across Nebraska the night before provided the focus for convection to develop. In addition, unstable conditions develop during the late morning and early afternoon with SBCAPES of 1500 to 2500 j/kg. Storms began to develop on this boundary during the mid afternoon hours and rapidly became severe across Indiana. A line of storms associated with the MCV and an approaching trough moved across the northern part of Indiana and into northwestern Ohio. This line evolved into several small bowing segments which produced reports of damaging winds across mainly far northwestern Ohio.</p>				