



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Northeast

Elkhart County

5 ENE New Paris	02	1444EST 1445EST			0	0			Hail(0.75)
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Elkhart County

3 SE Goshen	02	1456EST 1457EST			0	0			Hail(0.75)
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De Kalb County

2 W Corunna	02	1517EST 1518EST			0	0			Hail(0.75)
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De Kalb County

3.5 NE Corunna	02	1528EST 1529EST			0	0			Hail(1.00)
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INZ003-018-023-032

La Porte - Allen - Miami - Grant

17		1900EST			0	0			Winter Weather
18		1000EST			0	0			

A cold front crossed the region and changed rain to snow during the evening of the 17th. A brief period of freezing rain was also reported in some locations during the changeover. General snowfall accumulations were between 1 and 2 inches with some local amounts of 3 inches. While snow amounts were not significant, the freezing of water from earlier rain beneath the light snow accumulation created extremely slippery driving conditions. Numerous minor car accidents were reported, including 64 in the Fort Wayne area. 10 crashes involved minor injuries, all were in-direct to the winter weather

MICHIGAN, Extreme Southwest

MIZ077

Berrien

21		0400EST 0600EST			0	0			Heavy Snow
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An area of low pressure moved through central and northern Indiana and brought accumulating wet snow to a small portion of southwest lower Michigan. Temperatures were marginally cold for snow, which kept accumulations to a minimum in most locations. The only exception was across northern Berrien County Michigan where around 6 inches of heavy wet snow accumulated in towns such as Coloma, Watervliet, and Paw Paw Lake.



National Weather Service

Storm Data and Unusual Weather Phenomena



February 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

INDIANA, Northeast

St. Joseph County

Mishawaka	16	1832EST 1833EST			0	0			Hail(0.75)
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Miami County

1 WSW Peru	16	1849EST 1850EST			0	0			Hail(0.75)
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MICHIGAN, Extreme Southwest

Cass County

Edwardsburg	16	1845EST 1846EST			0	0			Hail(0.88)
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Cass County

Edwardsburg	16	1846EST 1847EST			0	0			Thunderstorm Wind (EG50)
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Several trees were blown down.



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
LMZ46 Michigan City			Michigan City In To New Buffalo Mi						
	13	0230EST			0	0			Marine Tstm Wind (MG42)
<u>INDIANA, Northeast</u>									
White County Brookston	11	2208EST 2209EST			0	0			Hail(1.00)
White County Chalmers	11	2209EST 2210EST			0	0			Hail(0.75)
White County Brookston	11	2210EST 2211EST			0	0			Hail(0.88)
Cass County 2 SSW Walton	11	2215EST 2216EST			0	0			Hail(0.75)
White County Burnettsville	11	2215EST 2216EST			0	0			Hail(0.75)
Elkhart County Elkhart	13	0330EST 0331EST			0	0	25K		Thunderstorm Wind (EG50)
			Trees and power lines were reported down throughout the county.						
Kosciusko County 4 ENE Leesburg	13	0558EST 0559EST			0	0			Thunderstorm Wind (EG55)
			Top 8 feet of a roughly 20 foot high, 14 inch diameter tree was broke off, falling into a private yard.						
Kosciusko County 3 SE Milford to 4 SE Milford	13	0603EST 0605EST			0	0	265K		Thunderstorm Wind (EG60)
			A survey of damage at the Maple Leaf Farms Distribution center, southeast of Milford, concluded that straight line winds were the cause of damage to a cold storage building. As winds striking the west side of the building interacted with the pressure within the cold storage vault, causing a vacuum that resulted in numerous panels, as well as insulation, being pulled off the building. The refrigeration equipment did not suffer any damage. However, much of its contents were exposed to the outside air, resulting in some loss of the food. Roof damage was also reported at 3 smaller buildings. As the winds continued east, trees and power lines were knocked down in an around Blueberry Island, on Dewart Lake. Damage is estimated at \$250,000 at Maple Leaf Farms and roughly \$15,000 on Blueberry Island.						
Marshall County Countywide	13	0630EST 0634EST			0	0			Thunderstorm Wind (EG55)
			Numerous trees were blown down along US-6 from the northwest part of the county towards Bremen. Also trees down and damage to a barn roof were reported in Bremen.						
Marshall County 4 S Lapaz	13	0815EST 0910EST			0	0			Flood
			A low area of Oak Road, near Lapaz, had 12 to 18 inches of water across the road.						
Pulaski County 6 NW Winamac	13	0821EST 0822EST			0	0			Hail(0.88)
Starke County 8 S Knox to	13	0829EST			0	0			Hail(1.00)



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March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops

INDIANA, Northeast

Knox		0835EST					
			Penny size hail was reported 8 miles south of Knox, with 1 inch diameter hail being reported in Knox as the storm progressed across the county.				
Cass County							
Onward	31	1746EST			0	0	Hail(1.00)
Cass County							
4 SE Walton	31	1746EST			0	0	Hail(0.88)
Wabash County							
Lincolnvill	31	1820EST			0	0	Hail(1.50)
Wabash County							
La Fontaine	31	1824EST			0	0	Hail(0.75)
Huntington County							
Mt Etna	31	1832EST			0	0	Hail(0.88)
Grant County							
Swayzee	31	1835EST			0	0	Hail(0.75)
Grant County							
3.5 S Marion	31	1844EST			0	0	Hail(0.75)
Huntington County							
1 S Warren	31	1844EST			0	0	Hail(0.88)
Wells County							
1 N Bluffton	31	1900EST			0	0	Thunderstorm Wind (EG50)
			Several trees blown down.				
Adams County							
Monroe	31	1928EST			0	0	Hail(0.88)
Jay County							
Pennville	31	1935EST			0	0	Thunderstorm Wind (EG50)
			Trees blown down.				

MICHIGAN, Extreme Southwest

Cass County							
Edwardsburg	13	0310EST 0311EST			0	0	Thunderstorm Wind (EG55)
			Numerous trees were blown down, some resulting in power outages due to fallen power lines.				
Cass County							
10 ESE Cassopolis	13	0322EST 0323EST			0	0	Thunderstorm Wind (EG55)
			Large tree down blocking Michigan State Rd 60.				

OHIO, Northwest

OHZ024							
		Van Wert					
	13	1144EST			1	0	Strong Wind (EG45)
			A semi was blown over on US 30, one miles north of Delphos by gradient winds caused in the wake of a strong cold front. The driver was ejected from the cab was subsequently died.				
			M?VE				
Van Wert County							
Convoy	31	1922EST 1923EST			0	0	Thunderstorm Wind (MG52)



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March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, Northwest</u>									
Paulding County									
1 N Antwerp	31	1925EST 1926EST			0	0	10K		Thunderstorm Wind (EG55)
Utility poles were blown down near the intersection of county roads 192 and 49. A chimney was blown down near the intersection of county roads 53 and 220.									
Van Wert County									
Willshire	31	1930EST 1931EST			0	0			Thunderstorm Wind (EG55)
A semi was blown over while in motion on US 33 near Wilshire. No injuries were reported.									
Van Wert County									
3 SW Ohio City to 3.5 SW Ohio City	31	1935EST 1936EST			0	0	10K		Thunderstorm Wind (EG60)
4 large pine trees were uprooted as well as part of a barn roof being pulled off. An empty silo was also rolled into a field in the area.									
Van Wert County									
Ohio City	31	1937EST 1938EST			0	0			Hail(1.25)
Van Wert County									
1 S Ohio City	31	1937EST 1938EST			0	0	10K		Thunderstorm Wind (EG61)
Strong winds, estimated around 70 mph, lifted the corner of a metal factory in Ohio City, sucked out some insulation and set the corner back down. No injuries were reported.									
Van Wert County									
1.5 SE Ohio City	31	1937EST 1938EST			0	0	15K		Thunderstorm Wind (EG61)
A parked semi trailer was blown over. Siding was ripped off the side of a house as well as large limbs being broken off a tree on the property.									
Van Wert County									
1 S Ohio City to 2 E Ohio City	31	1938EST 1942EST	2	300	0	0	1M		Tornado (F2)
The tornado was likely produced as the result of a line of thunderstorms overtaking an isolated supercell thunderstorm ahead of the line. The circulation which produced the tornado intensified shortly after the merger of the line and isolated supercell. The tornado developed near the intersection of Burriss Road and Walnut Grove Church Road about 1 mile south of Ohio City. The tornado tracked to the east-northeast for roughly 2 miles before dissipating near Greenville Rd about 2 miles east of Ohio City. Damage along the first half of the tornado track was consistent with F2 intensity, with winds estimated at 140-150 mph and an initial path width of about 300 yards. In this area, 3 barns were completely destroyed, with another 5 sustaining damage. A garage was destroyed, and several houses received damage including roof, siding, and windows. Several grain bins were also damaged, along with other miscellaneous vehicle and property damage, including several tractors, a combine and other farm implements. Damage along the second half of the tornado track was consistent with F1 intensity, with the path width narrowing to about 25 yards. Several buildings sustained roof, siding, and window damage, with several instances of trailer and vehicle damage.									
Van Wert County									
Ohio City	31	1943EST			0	0			Hail(0.75)
Van Wert County									
3 E Ohio City to 4 E Ohio City	31	1944EST 1946EST			0	0	30K		Thunderstorm Wind (EG60)
Damaging winds continued east after the dissipation of the tornado east of Ohio City, causing damage to several barns on Mendon Rd. A older vacant barn on Ries Rd was destroyed by the high winds.									



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April 2006

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INDIANA, Northeast

White County

Monon	02	2028EST 2029EST			0	0			Hail(0.75)
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Cass County

2 W Logansport	02	2130EST 2131EST			0	0	15K		Thunderstorm Wind (EG55)
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Numerous trees and power lines were blown down. A house was shifted off its foundation.

Jay County

Salamonia	07	1452EST 1453EST			0	0			Hail(1.00)
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Adams County

3 NW Decatur to 2 NW Decatur	07	1614EST 1616EST	0.8	100	0	0	45K		Tornado (F1)
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A tornado touched down roughly 3 miles northwest of Decatur and moved southeast across mainly open fields. Eyewitness reports of debris at the ground but no immediate condensation funnel. The tornado moved over a farm just east of the intersection of county roads West 750 North and North 200 W. While no significant damage occurred, several buildings suffered minor damage including damage to doors and a roof of a barn, trees being uprooted, and structure damage to a refinished garage. A corncob was also found inside a mini van on the property, apparently being thrown by the tornado through the back window. The circulation ended as it move into a grove of trees, roughly 2 miles northwest of Decatur. The damage was consistent with a low end F1 tornado with winds of around 80 mph. No injuries or fatalities were reported. Damage to all property is estimated at around \$45,000.

Huntington County

4 NW Warren	07	1625EST 1626EST			0	0			Hail(0.88)
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Nickel size hail was covering the ground.

Grant County

7 E Fairmount	07	1626EST 1627EST			0	0			Hail(0.75)
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Kosciusko County

Sidney	12	0730EST			0	0	100K		Lightning
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Lightning struck the transmission tower of WLZQ-FM, damaging the main transmitter beyond repair. Service was fully restored in early May. Damage estimates to replace the transmitter are around \$100,000.

Adams County

2 N Geneva	14	0202EST			0	0	250K		Lightning
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Lightning struck a barn north of Geneva shortly after 3 am EDT. The barn was a total loss from the resultant fire. In addition, four horses, two or three calves and several grown pigs were killed as well as several pieces of farm equipment being destroyed. Damage is estimated at around \$250,000.

Grant County

1.5 S Van Buren	14	0230EST			0	0			Lightning
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Lightning struck a pole and traveled into a residence south of Van Buren, resulting in a fire breaking out in insulation. Significant damage occurred as a result of the fire, but no damage estimates were available. The residents of the home were able to escape without injury.

Miami County

Macy	14	1342EST 1344EST			0	0			Hail(1.00)
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Wabash County

Urbana	14	1356EST 1357EST			0	0			Hail(0.88)
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INDIANA, Northeast									
Huntington County									
Andrews to Huntington	14	1405EST 1409EST			0	0			Hail(1.00)
Hail ranging from penny to quarter size was reported along US 24 from Andrews to Huntington.									
Wells County									
Ossian	14	1429EST 1430EST			0	0			Hail(0.75)
Wells County									
1 S Bluffton	14	1438EST 1439EST			0	0			Hail(0.75)
Wells County									
2 S Bluffton	14	1438EST 1439EST			0	0			Thunderstorm Wind (EG55)
Roof damage was reported to a residence, as well as one large tree and several large branches blown down									
White County									
4 W Wolcott to Wolcott	14	1831EST 1843EST			0	0			Hail(1.75)
Hail ranging from the size of quarters to golf balls were reported in and to the west of Wolcott									
White County									
5 W Chalmers	16	1852EST 1853EST			0	0			Hail(1.50)
Reported by NWS Cooperative Observer.									
Wabash County									
Lagro	16	1921EST 1922EST			0	0			Hail(1.00)
Huntington County									
3 SE Mt Etna	16	1934EST 1935EST			0	0			Hail(0.88)
Cass County									
3 E Royal Center	16	1951EST 1952EST			0	0			Hail(1.75)
Fulton County									
Rochester	16	1958EST 1959EST			0	0			Hail(0.75)
Fulton County									
3 SW Rochester	16	2000EST 2001EST			0	0			Hail(2.50)
Fulton County									
Rochester	16	2001EST 2002EST			0	0	75K		Hail(4.25)
Hail ranging from penny to softball size was reported in and around the city of Rochester. While damage amounts are estimated, local newspaper articles reported damage to several vehicles as well as siding and roof damage.									
Fulton County									
2 E Rochester	16	2006EST 2007EST			0	0			Hail(1.75)
Adams County									
1 WSW Berne	16	2010EST 2011EST			0	0			Hail(0.75)
Fulton County									
Akron	16	2016EST 2021EST			0	0			Hail(1.75)
Hail increased from the size of quarters up to golf ball size in the town of Akron.									



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April 2006

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					Killed	Injured	Property	Crops	

INDIANA, Northeast

Wabash County

3 W North Manchester to North Manchester	16	2032EST 2042EST			0	0			Hail(0.88)
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Hail ranging from penny to nickel size was reported around North Manchester.

White County

3.5 S Wolcott to Wolcott	16	2042EST 2044EST			0	0			Hail(1.75)
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Hail ranging from penny to golf ball size was reported around Wolcott with another severe thunderstorm

Wells County

Ossian	16	2049EST 2050EST			0	0			Hail(0.75)
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White County

Wolcott	16	2050EST 2051EST			0	0			Thunderstorm Wind (MG52)
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White County

5 WNW Brookston	16	2052EST 2053EST			0	0			Hail(1.25)
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White County

Burnettsville	16	2104EST 2105EST			0	0			Hail(1.75)
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Golfball size hail was reported on US 24, near the White and Cass county line in Burnettsville

Cass County

3 W Logansport	16	2111EST 2112EST			0	0			Hail(1.75)
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Allen County

5 SW (Fwa)Baer Fld Ft W	16	2149EST			0	0			Hail(1.25)
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Reported by observers at the Fort Wayne International Airport.

Allen County

5 SW Ft Wayne	16	2150EST 2151EST			0	0			Hail(1.00)
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Allen County

1 NE Ft Wayne	16	2215EST 2216EST			0	0			Hail(1.75)
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St. Joseph County

Roseland	16	1730EST 1731EST			0	0			Hail(0.88)
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MICHIGAN, Extreme Southwest

Hillsdale County

Litchfield	22	1830EST 1831EST			0	0			Hail(0.75)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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LMZ46	Michigan City In To New Buffalo Mi								
Michigan City	24	2305EST 2306EST			0	0			Marine Tstm Wind (MG35)

LMZ43	New Buffalo To St Joseph Mi								
Warren Dunes St Prk	29	1812EST 1813EST			0	0			Marine Tstm Wind (EG45)

Wind gust estimated by park ranger.

INDIANA, Northeast

Kosciusko County									
3 S North Webster	17	1519EST 1520EST			0	0			Hail(0.75)

Marshall County									
Plymouth	25	1414EST 1415EST			0	0	100K		Thunderstorm Wind (EG60)

Numerous trees, tree limbs, power lines and poles were blown down in Plymouth. Several pine trees fell onto a residence. A few fires resulted from trees falling onto power lines as well.

Adams County									
6.5 NW Berne	25	1415EST			0	0	90K		Lightning

The roof of a house just east of the Wells and Adams county line, was struck by lightning, resulting in a attic fire. No one was home at the time. Fire and water damage was estimated close to \$90,000.

St. Joseph County									
Osceola	25	1434EST 1435EST			0	0			Hail(1.00)

Reported at County Line Road and Baugo Park

Elkhart County									
Elkhart	25	1436EST 1437EST			0	0			Thunderstorm Wind (MG52)

Elkhart County									
1 S Bristol	25	1438EST 1439EST			0	0	75K		Thunderstorm Wind (EG60)

One of a series of 7 50-foot power poles were struck by high winds, causing a cascade effect with the other 6 falling shortly thereafter, onto State Route 15, just south of Bristol. Occupants of 5 vehicles were trapped for a few hours while power lines were de-energized. A car was reported to have been set on fire as a result of the live wires. One of the drivers reported seeing the pole begin to fall, which resulted in him speeding up to avoid the pole. However a pole immediately ahead of him began falling as well, causing him to swerve into a corn field. Less than a mile away from the downed poles, a dump truck loaded with dirt rolled over in a ditch. It is unknown if this is due to strong winds or attempting to avoid the upcoming downed poles. A tree fell onto a car a mile east of the downed poles, crushing the roof and windshield. No injuries were reported with any of the accidents.

Elkhart County									
Elkhart	25	1440EST 1441EST			0	0			Hail(1.00)

The Great Lakes RV Center had several trailers that were struck by hail up the size of quarters. Many of them had reinforced metal on the sides, which kept damage very limited. However, 3 of the RV's has thinner metal, resulting in damage along the sides where the hail struck.

St. Joseph County									
South Bend	25	1440EST 1441EST			0	1	30K		Lightning

A woman, in the basement of her home, was indirectly struck by lightning while standing next to her dryer. She was transported to the hospital, suffering minor injuries. The time of the incident has been esitimated. In Mishawaka, a fire was started from a bolt of lightning striking a detached garage, destroying it. Damage was estimated at \$30,000. The time of this fire was not available.



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May 2006

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					Killed	Injured	Property	Crops	
INDIANA, Northeast									
Elkhart County									
1 S Elkhart	25	1445EST 1446EST			0	0			Hail(1.75)
Golf ball size hail reported on the southside of Elkhart.									
Elkhart County									
2 S Middlebury	25	1457EST 1458EST			0	0			Thunderstorm Wind (EG55)
A couple of large trees were blown down.									
Kosciusko County									
Warsaw	25	1533EST 1534EST			0	0			Thunderstorm Wind (EG55)
Several large trees down.									
Miami County									
Bunker Hill	25	1609EST 1610EST			0	0			Thunderstorm Wind (EG50)
Several large tree limbs down.									
Cass County									
6 S Onward	25	1615EST 1616EST			0	0	10K		Thunderstorm Wind (EG55)
Trees were blown down in many parts of the county. One tree fell onto a mobile home, causing minor damage. Damage is estimated at \$2,000. A teen-age girl was injured while working at a restaraunt in Galveston. It is believed that an object being thrown by the strong winds broke the window where she was standing. She received some cuts.									
Wells County									
Bluffton	25	1709EST 1710EST			0	0	35K		Lightning
Several electronic controls and devices were damaged or destroyed as a result of a lightning strike to a communications tower connected to the county jail. A lightning protection system, which had been recently installed, showed that as many as 3 lightning strikes may have occurred. Damage amounts are estimated based off information in a newspaper article.									
Adams County									
.3 W Magley to 3.5 N Decatur	25	1714EST 1719EST			0	0	2K		Thunderstorm Wind (EG60)
Trees and powerlines down. Some roof damage to a home.									
Jay County									
Portland	25	1725EST 1726EST			0	0			Hail(0.75)
Allen County									
2 S Hoagland	30	1600EST 1601EST			0	0	10K		Thunderstorm Wind (EG60)
Trees were blown down in the area as well as part of a barn roof being torn off.									
Huntington County									
2 NW Andrews	30	1656EST			0	0	15K		Lightning
Lightning struck a residence on Maple Grove Road, northwest of Andrews, causing a fire in the rafters of the basement. Those in the house quickly discovered the fire and attempted to put the fire out, but then left the house. The fire was contained to the basement area. Damage figures are estimated.									
Grant County									
Marion	30	1802EST 1803EST			0	0			Thunderstorm Wind (EG50)
One tree was blown down.									
Wabash County									
La Fontaine	30	1815EST 1816EST			0	0			Thunderstorm Wind (MG57)
A 65 mph gust was recorded, with pea size hail also occurring.									



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INDIANA, Northeast

Cass County

2 SE Logansport	30	1858EST 1859EST			0	0			Hail(0.75)
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Cass County

Logansport to Anoka	30	1858EST 1859EST			0	0	20K		Thunderstorm Wind (EG55)
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Numerous reports were received of trees down between Logansport and Anoka. Vehicles as well as a few homes were reported damaged from falling trees in both Logansport and Anoka. Damage amounts are estimated.

Huntington County

Huntington	30	1914EST 1915EST			0	0			Thunderstorm Wind (MG50)
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Adams County

Countywide	30	1920EST 1921EST			0	0			Thunderstorm Wind (EG55)
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Numerous trees were reported down, especially across the northern part of the county.

Wells County

Bluffton	30	1930EST 1931EST			0	0			Thunderstorm Wind (EG50)
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Trees were reported down in and around Bluffton.

St. Joseph County

Granger	30	1951EST 1952EST			0	0	50K		Thunderstorm Wind (EG55)
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Trees and power lines were blown down in Granger, along State Road 23. Damage amounts are estimated.

White County

3 S Wolcott to Monticello	31	1335EST 1412EST			0	0	25K		Thunderstorm Wind (EG52)
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Eyewitness reported several weak circulations in contact with the ground across western White county, starting south of Wolcott and heading east into Monticello. These circulations were associated with gust fronts from several rapidly developing thunderstorms across the area. Video footage of some of these circulations supported the conclusion that a combination of straight line winds and brief gustnadoes, were responsible for sporadic damage in and west of Monticello. This included trees and tree limbs down as well as minor structure damage to homes and barns. The storm that moved east into Monticello merged with a storm moving in from the south west. This resulted in a rapid intensification of the storm and a resultant tornado east of Monticello. This is covered in a separate entry.

White County

1 E Monticello to Burnettsville	31	1415EST 1427EST	7	50	0	0			Tornado (F0)
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As the storms which produced wind damage in and west of Monticello merged and became stronger, resulting in several brief tornado touchdowns along US 24 east of Monticello. Spotters and law enforcement officials reported several weak funnels that would touchdown and lift. The first touchdown occurred just east of Monticello around 315 pm EDT with touchdowns at 320 pm EDT in Idaville and the last touchdown in White county occurring around 325 pm EDT in Burnettsville. Damage was confined to trees and tree limbs at the points of touchdown. The circulation proceeded into extreme western Cass county.

Cass County

2.5 W Lake Cicott to 2.4 W Lake Cicott	31	1427EST 1430EST	0.1	25	0	0			Tornado (F0)
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The circulation that produced several brief touchdowns in eastern White county moved into extreme western Cass county, west of Lake Cicott. One final touchdown occurred about 2.5 miles west of Lake Cicott. Minor tree damage was observed.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Northeast

Cass County									
4 W Logansport	31	1440EST 1441EST			0	0			Thunderstorm Wind (MG61)
Allen County									
3 NW Ft Wayne	31	1520EST 1521EST			0	0			Thunderstorm Wind (MG54)

MICHIGAN, Extreme Southwest

Berrien County									
Baroda	29	1705EST 1706EST			0	0			Hail(0.75)
Berrien County									
3 SW Baroda	29	1715EST 1716EST			0	0			Hail(0.75)
Plant damage was noted in the area as a result of the hail. No damage estimate was available									
Berrien County									
1 W Baroda	29	1719EST 1720EST			0	0			Hail(0.75)
Hillsdale County									
Allen	30	1503EST 1504EST			0	0			Thunderstorm Wind (EG55)
A 16 inch diameter tree was blown down.									
Hillsdale County									
6 W Hillsdale	30	1519EST 1520EST			0	0			Thunderstorm Wind (EG55)
Three larger trees were blown down.									
St. Joseph County									
Sturgis	30	1747EST 1748EST			0	0			Thunderstorm Wind (EG50)
Two trees were blown down.									
Branch County									
Union City	30	1852EST 1853EST			0	0			Thunderstorm Wind (EG50)
One tree was blown down.									
Cass County									
Edwardsburg	30	2002EST 2003EST			0	0			Thunderstorm Wind (EG50)
Two trees were blown down.									

OHIO, Northwest

Paulding County									
Antwerp	17	1500EST 1501EST			0	0			Hail(0.75)
Paulding County									
Antwerp	17	1507EST 1508EST			0	0			Hail(0.88)
Putnam County									
Ottawa	25	1456EST 1457EST			0	0			Hail(0.75)
Williams County									
2 W Blakesley	25	1624EST 1625EST			0	0			Thunderstorm Wind (MG52)



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OHIO, Northwest

Williams County

Bryan	25	1650EST 1651EST			0	0			Thunderstorm Wind (EG52)
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Henry County

Malinta	25	1705EST 1706EST			0	0			Hail(0.88)
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Van Wert County

Countywide	25	1744EST 1750EST			0	0	15K		Thunderstorm Wind (EG55)
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Several reports of trees and tree limbs down in various parts of the county, including north of Ohio City, the west side of Delphos and northeast parts of the county. Power lines were also reported down within the city of Van Wert.

Allen County

Spencerville	25	1825EST 1826EST			0	0			Thunderstorm Wind (EG55)
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Large tree blown down.

Defiance County

Defiance to 6 SE Defiance	25	1825EST 1828EST			0	0	30K		Thunderstorm Wind (EG55)
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A barn in the Defiance area suffered roof damage, with another barn southeast of Defiance being destroyed. Damage values estimated.

Putnam County

2 W Pandora	25	1830EST 1831EST			0	0			Hail(0.88)
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National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
LMZ61 Michigan City			Lm Michigan City To St Joseph To 5Nm Offshore To Mid Line Of Lake						
	21	1738EST 1739EST			0	0			Marine Tstm Wind (MG69)
			Measured at the Michigan City Lighthouse.						
LMZ46 Michigan City			Michigan City In To New Buffalo Mi						
	21	1840EST 1841EST			0	0			Marine Tstm Wind (MG69)
LMZ61 Michigan City			Lm Michigan City To St Joseph To 5Nm Offshore To Mid Line Of Lake						
	22	0958EST			0	0			Marine Tstm Wind (MG37)
			Measured at the Michigan City Lighthouse.						
<u>INDIANA, Northeast</u>									
Wabash County 7 SE Wabash	02	1910EST 1911EST			0	0			Hail(0.75)
Grant County .5 S Fairmount	02	2000EST 2001EST			0	0			Hail(1.00)
Steuben County Angola	19	1518EST 1519EST			0	0			Hail(0.88)
Steuben County Angola Tri State Arp	19	1545EST 1546EST			0	0			Hail(0.75)
			Observed near the airport.						
De Kalb County 3 N Butler	19	1624EST 1625EST			0	0			Thunderstorm Wind (EG50)
			Trees reported down on State Route 1						
De Kalb County 3 NW Auburn	19	1634EST 1635EST			0	0			Hail(1.00)
			Reported 2 miles south of US 6 on county road 19.						
De Kalb County 3 N Auburn	19	1636EST 1637EST			0	0			Thunderstorm Wind (EG50)
			4 to 5 inch diameter tree branches down.						
White County Burnettsville	19	1715EST 1716EST			0	0			Hail(1.00)
Cass County Logansport	19	1735EST 1736EST			0	0			Hail(0.88)
Miami County 5 S Peru	19	1800EST 1801EST			0	0			Hail(1.00)
Grant County Swayzee	21	0259EST 0300EST			0	0	10K		Thunderstorm Wind (EG55)
			Power lines down.						
Marshall County Lapaz	21	1723EST 1724EST			0	0			Hail(1.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

INDIANA, Northeast

Marshall County

Countywide	21	1726EST 1736EST			0	0	40K		Thunderstorm Wind (EG60)
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Trees, tree limbs and power lines were blown down in and around Plymouth, continuing east towards the county line. Roof and siding damage was also reported in Plymouth.

Marshall County

Bremen	21	1729EST 1730EST			0	0			Hail(2.00)
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Elkhart County

2 NW Nappanee	21	1742EST 1743EST			0	0			Hail(1.00)
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Huntington County

2 W Huntington	21	1745EST 1746EST			0	0			Hail(0.75)
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Huntington County Huntington

	21	1808EST			0	0			Hail(1.00)
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Noble County

2 W Kendallville	21	1836EST 1837EST			0	0			Hail(0.75)
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La Porte County

Michigan City to Long Beach	21	1840EST 1842EST			0	0	30K		Thunderstorm Wind (EG65)
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Numerous trees and power lines blown down from Michigan City to Long Beach

De Kalb County

6 NNW Waterloo	21	1848EST			0	0			Hail(0.88)
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Ashley is located on the Steuben and Deklab county line.

Steuben County

Ashley	21	1848EST			0	0			Hail(0.88)
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Ashley is located on the Steuben and Deklab county line.

La Porte County

2 SW Michigan City	21	1913EST 1915EST			0	0	10K		Thunderstorm Wind (EG60)
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Numerous trees and large limbs down with some roads closed due to debris.

La Porte County

Wanatah	21	1914EST 1915EST			0	0			Thunderstorm Wind (EG55)
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Trees blown down.

St. Joseph County

South Bend	21	1920EST 1921EST			0	0			Hail(0.75)
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Elkhart County

2 N Middlebury	21	1921EST 1922EST			0	0			Hail(1.00)
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Starke County

4 NW Knox	21	2004EST 2005EST			0	0			Thunderstorm Wind (EG50)
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Few trees blown down.

Noble County

2 N Kendallville	21	2022EST 2023EST			0	0			Thunderstorm Wind (EG65)
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Numerous tree limbs down.

Kosciusko County

2 N Warsaw	21	2039EST 2040EST			0	0			Hail(0.75)
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National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Northeast

Kosciusko County

2 N Warsaw to
2 SSW North Webster

21

2039EST
2044EST

0

0

Thunderstorm Wind (MG65)

Several trees were blown down with a 75 mph wind gust being recorded just south southwest of North Webster.

Kosciusko County

North Webster

21

2046EST
2047EST

0

0

Hail(0.75)

Noble County

2 SW Albion

21

2046EST
2047EST

0

0

10K

Thunderstorm Wind (EG60)

Numerous trees and power lines down.

Noble County

9 SW Albion

21

2050EST
2051EST

0

0

Hail(1.00)

Noble County

Albion

21

2059EST
2100EST

0

0

Hail(1.00)

De Kalb County

Auburn

21

2100EST
2101EST

0

0

Hail(1.00)

Whitley County

6 N Columbia City

21

2104EST
2105EST

0

0

Hail(0.75)

Noble County

3 S Avilla

21

2105EST
2106EST

0

0

10K

Thunderstorm Wind (EG60)

Numerous trees and power lines down.

Noble County

Laotto

21

2114EST
2115EST

0

0

40K

Thunderstorm Wind (EG60)

Trees and power lines were blown down. The steeple of a church in Laotta was blown off. No injuries were reported.

Noble County

2 SW Albion

21

2146EST
2147EST

0

0

10K

Thunderstorm Wind (EG55)

Numerous trees and power lines down.

White County

1 SW Monticello

22

1120EST
1121EST

0

0

Thunderstorm Wind (EG50)

Several large trees down.

Cass County

Logansport

22

1150EST
1151EST

0

0

Thunderstorm Wind (EG50)

Several large trees down.

Cass County

3 SE Logansport

22

1202EST
1206EST

0

0

80K

Thunderstorm Wind (EG55)

About a dozen homes with trees down on them, causing structural damage. Power lines and power poles blown down resulting in widespread power outages across much of southeast Cass County.

Cass County

3 SW Logansport

22

1202EST
1206EST

0

0

30K

Thunderstorm Wind (EG55)

Five homes with trees blown down on them causing structural damage.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Northeast</u>									
Cass County									
1 S Logansport	22	1212EST 1213EST			0	0			Hail(0.75)
Cass County									
2 SE Walton	22	1214EST 1218EST			0	0			Thunderstorm Wind (EG55)
Numerous large trees down in the Galveson area.									
Miami County									
Bunker Hill	22	1217EST			0	0	1K		Thunderstorm Wind (EG50)
Indiana State Police patrol vehicle had a window broken out by an airborne sign which had been pulled out of the ground.									
Miami County									
9 SSW Peru	22	1217EST 1221EST			0	0	10K		Thunderstorm Wind (EG55)
Mobile Home sustained structural damage. Trees and power lines down.									
Miami County									
Peru	22	1220EST 1224EST			0	0	10K		Thunderstorm Wind (EG55)
Numerous trees and power lines down.									
Miami County									
1 SSW Bunker Hill	22	1225EST			0	0			Thunderstorm Wind (EG55)
Tractor trailer blown off the road on U.S. route 31.									
Miami County									
2 WSW Peru	22	1227EST 1231EST			0	0	5K		Hail(1.00)
Several homes in the Willow Creek subdivision sustained hail damage.									
Miami County									
Bunker Hill	22	1235EST 1237EST			0	0			Hail(0.75)
Miami County									
Bunker Hill	22	1235EST 1239EST			0	0			Thunderstorm Wind (MG61)
Miami County									
Peru	22	1240EST 1242EST			0	0			Hail(1.00)
Huntington County									
Huntington	22	1250EST 1252EST			0	0			Thunderstorm Wind (EG61)
Wabash County									
8 SE Wabash	22	1257EST 1259EST			0	0			Thunderstorm Wind (EG50)
Tree blown down.									
Grant County									
Marion	22	1300EST 1302EST			0	0	15K		Thunderstorm Wind (EG61)
A section of the Grant County courthouse roof was blown off. Several power lines blown down									
Grant County									
Marion	22	1302EST 1304EST			0	0	3K		Thunderstorm Wind (EG55)
Several trees blown down with some coming down on power lines.									
Huntington County									
Huntington	22	1306EST 1308EST			0	0			Hail(1.00)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
INDIANA, Northeast									
Huntington County									
4 W Warren	22	1306EST 1308EST			0	0			Thunderstorm Wind (EG61)
			Six tractor trailers blown over on Interstate 69.						
Huntington County									
2 N Warren	22	1311EST 1313EST			0	0			Hail(1.00)
Allen County									
Ft Wayne	22	1315EST 1318EST			0	0	10K		Thunderstorm Wind (EG55)
			Several trees and power lines down.						
Wells County									
10 SW Bluffton	22	1315EST 1319EST			0	0	15K		Thunderstorm Wind (EG61)
			Numerous trees, tree limbs, and power lines down.						
Wells County									
7 SW Bluffton	22	1319EST 1321EST			0	0			Thunderstorm Wind (EG70)
			Trees snapped off and bent over in Liberty Center.						
Adams County									
1 S Monroe	22	1330EST 1333EST			0	0	20K		Thunderstorm Wind (EG70)
			100 to 200 yard wide path of concentrated damage with numerous trees down up to 20 inches in diameter. Several barn roofs blown off.						
Jay County									
Portland	22	1335EST 1337EST			0	0			Thunderstorm Wind (EG60)
			Trees uprooted and limbs blown down.						
Adams County									
5 E Monroe	22	1342EST 1343EST			0	0			Thunderstorm Wind (EG60)
			Tree 18 inches in diameter snapped off.						
Pulaski County									
4 NE Francesville	26	1830EST 1833EST			0	0	5K		Hail(0.88)
			Hail damage to crops						
Elkhart County									
Bristol	28	1237EST 1240EST			0	0			Hail(0.75)
Miami County									
10 N Peru	28	1345EST 1348EST			0	0			Hail(0.75)
Fulton County									
Fulton	28	1351EST 1354EST			0	0			Hail(0.88)
Fulton County									
Fulton	28	1408EST 1411EST			0	0			Hail(0.88)
Huntington County									
Huntington	28	1414EST 1417EST			0	0			Hail(0.75)
Elkhart County									
Bristol	28	1415EST			0	0			Hail(0.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>INDIANA, Northeast</u>									
Miami County									
Bennetts Switch	28	1418EST 1421EST			0	0			Hail(0.88)
Marshall County									
7 WSW Bremen	28	1420EST			0	2			Lightning
12 year old girl and 15 year old boy in a paddle boat struck by lightning. Occurred on Lake of the Woods. Children suffered severe burns. Officials reported no signs of lightning damage to paddle boat.									
Elkhart County									
Goshen	28	1427EST 1430EST			0	0			Hail(1.25)
Huntington County									
Huntington	28	1435EST 1438EST			0	0			Hail(0.75)
Marshall County									
4 E Culver	28	1519EST 1521EST			0	0			Hail(0.75)
Fulton County									
Rochester	28	1552EST 1555EST			0	0			Hail(0.88)
Wabash County									
1 WSW Wabash	28	1632EST 1635EST			0	0			Hail(0.88)
Wabash County									
Wabash	28	1636EST 1639EST			0	0			Hail(0.75)
Wabash County									
1 WSW Wabash	28	1641EST 1644EST			0	0			Hail(0.88)
<u>MICHIGAN, Extreme Southwest</u>									
St. Joseph County									
Constantine	02	1623EST 1624EST			1	0			Lightning
A 45 year old man leaning against a tree was seriously injured when the tree was struck by lightning. He later died of his injuries.									
M45UT									
St. Joseph County									
Centreville	03	1710EST 1715EST			0	0			Hail(0.88)
St. Joseph County									
5 N Three Rivers	21	1650EST 1651EST			0	0			Hail(1.00)
Cass County									
Marcellus	21	1701EST 1702EST			0	0			Thunderstorm Wind (EG55)
Several trees were blown down.									
St. Joseph County									
2 NW Three Rivers	21	1710EST 1711EST			0	0	5K		Thunderstorm Wind (EG55)
Trees and power lines were blown down.									
St. Joseph County									
1 N Centreville	21	1715EST 1716EST			0	0			Hail(1.50)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MICHIGAN, Extreme Southwest

St. Joseph County									
Three Rivers	21	1727EST 1728EST			0	0			Hail(2.00)
Hillsdale County									
1 NW Hillsdale	21	1735EST 1736EST			0	0	5K		Thunderstorm Wind (EG50)
Windows were blown out of homes and businesses.									
St. Joseph County									
1 N Centreville	21	1736EST 1737EST			0	0			Hail(1.00)
Branch County									
2 N Coldwater	21	1737EST 1738EST			0	0			Thunderstorm Wind (EG55)
Several trees blown down.									
St. Joseph County									
Sturgis	21	1747EST 1748EST			0	0			Hail(1.25)
St. Joseph County									
Centreville	21	1755EST 1756EST			0	0			Hail(1.00)
St. Joseph County									
2 NE Sturgis	21	1815EST 1816EST			0	0			Hail(0.88)
Hillsdale County									
Countywide	21	1820EST 1825EST			0	0			Hail(1.00)
Numerous reports of hail up to quarter size reported throughout the county.									
Branch County									
Coldwater	21	1825EST 1826EST			0	0			Hail(0.88)
Branch County									
Coldwater	21	1825EST 1826EST			0	0			Thunderstorm Wind (EG50)
8 inch diameter tree broke off.									
Branch County									
Bronson	21	1831EST 1832EST			0	0			Hail(0.75)
Cass County									
6 E Vandalia	28	1212EST 1215EST			0	0			Hail(1.00)
St. Joseph County									
Constantine	28	1234EST 1237EST			0	0			Hail(0.75)

OHIO, Northwest

Williams County									
Edon	19	1610EST 1611EST			0	0			Thunderstorm Wind (MG51)
Williams County									
2 E Montpelier	19	1613EST 1614EST			0	0			Hail(0.88)
Defiance County									
Ney	19	1650EST 1651EST			0	0			Hail(0.75)



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, Northwest

Defiance County									
3 NE Ney	19	1659EST 1700EST			0	0			Hail(1.00)
Paulding County									
Antwerp	19	1719EST 1720EST			0	0			Hail(0.75)
Defiance County									
Ney	19	1720EST 1721EST			0	0			Hail(0.75)
Paulding County									
Paulding	19	1743EST 1744EST			0	0			Hail(0.75)
Putnam County									
Glandorf	19	1815EST 1816EST			0	0			Hail(0.88)
Paulding County									
2 S Paulding	19	1823EST 1824EST			0	0			Hail(1.75)
Paulding County									
1 SE Paulding	19	1835EST 1836EST			0	0			Thunderstorm Wind (EG55)
3 to 4 foot diameter tree blown down.									
Paulding County									
Grover Hill	19	1855EST 1856EST			0	0			Hail(1.00)
Allen County									
Harrod	21	0745EST 0746EST			0	0	80K		Lightning
A residence was struck by lightning, cause a fire which spread through much of the house, causing extensive damage to the house and an attached garage. Those in the home were able to escape without injury. Damage is estimated at around \$80,000									
Allen County									
Cairo	21	0800EST 0801EST			0	0	40K		Lightning
A empty barn was struck by lightning, resulting in a fire which destroyed the barn. An adjacent house suffered heat damage to the siding but the house, which was vacant, never caught fire. Damage for both is estimated at around \$40,000.									
Williams County									
Bryan	21	1940EST 1941EST			0	0			Hail(1.00)
Williams County									
Countywide	21	2123EST 2124EST			0	0	20K		Thunderstorm Wind (EG60)
Trees, tree limbs and power lines were reported down across the county.									
Defiance County									
1 N Defiance	21	2136EST 2137EST			0	0			Hail(1.75)
Henry County									
2 N Hamler	21	2205EST 2206EST			0	0	2K		Thunderstorm Wind (EG60)
Several large trees were blown down. A barn door was also blown in.									
Putnam County									
Glandorf to Gilboa	21	2225EST 2245EST			0	0			Hail(1.00)
Numerous reports of hail ranging from penny to quarter size were received along State Route 694 from Glandorf, into Ottawa and									



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, Northwest

Allen County

Lima	22	1415EST 1420EST			0	2	200K		Thunderstorm Wind (EG70)
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Widespread tree and power line damage throughout the city of Lima. Along a stretch of Shawnee Rd. from Fort Amanda Rd. to Reed Rd., every power pole and traffic signal was blown over, completely blocking the road. The roof of an automotive shop at Jackson St. and Findlay Rd. collapsed. Numerous homes and businesses sustained roof damage. About two thirds of Allen County was without power. One person was injured by a falling tree, and one person was knocked over by the wind and sustained minor injuries. There were also up to 15 indirect injuries from automobile accidents during the storm.

Allen County

3 E Lima to 1 E Lima	22	1415EST 1420EST			0	0	1.6M		Thunderstorm Wind (EG70)
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Three aircraft hangars destroyed. About 17 airplanes and the Allen County Sheriff's Office helicopter were significantly damaged or destroyed.

Allen County

3 E Beaverdam	22	1418EST 1419EST	0.1	50	0	0	20K	5K	Tornado (F1)
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Brief touchdown near the intersection of U.S. route 30 and Pevee Rd. The roof of one home was destroyed, with another home sustaining significant roof damage. The tornado also resulted in crop damage in the area.

Putnam County

Pandora	22	1420EST 1422EST			0	0	10K		Thunderstorm Wind (EG50)
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Several trees and power lines blown down.

Allen County

Lima	22	1422EST 1427EST			0	0	20K		Thunderstorm Wind (EG70)
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Roof damage to a shopping center. Widespread trees and power lines down.

Allen County

Bluffton	22	1425EST 1428EST			0	0	60K		Thunderstorm Wind (EG52)
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Barn destroyed on Sugar Creek Road. Thirty seven head of cattle were trapped in the barn, eight of which died.

Williams County

1 SW Bryan	27	1417EST 1418EST			0	0			Hail(0.88)
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Fulton County

Lyons	27	1515EST 1518EST			0	0			Thunderstorm Wind (ES60)
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Tree Down



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
LMZ46 Michigan City			Michigan City In To New Buffalo Mi						
	27	1835EST 1836EST			0	0			Marine Tstm Wind (MG40)
			Measured at the Michigan City GLERL station.						
LMZ46 Michigan City			Michigan City In To New Buffalo Mi						
	30	1305EST 1306EST			0	0			Marine Tstm Wind (MG49)
			Measured at the Michigan City GLERL station.						
<u>INDIANA, Northeast</u>									
Kosciusko County 2 SE Milford	02	1721EST 1722EST			0	0	5K		Thunderstorm Wind (EG60)
			Approximately 50 trees were either uprooted or knocked down at Camp Mack on Waubee Lake. Most of the trees fell in open areas, but one tree did fall onto a building. No one was in the building at the time. Power lines were also reported down. Damage is estimated at \$5,000.						
Allen County 7 W Huntertown	02	1757EST 1758EST			0	0	5K		Thunderstorm Wind (EG52)
			A tree fell onto a garage with the spotter estimating 60 mph winds. Damage is estimated at \$5,000.						
Miami County Countywide	02	1810EST 1811EST			0	0	25K		Thunderstorm Wind (EG69)
			Numerous trees were blown down or uprooted in Denver with winds estimated by Emergency Management officials at around 80 mph. Damage was also noted in other parts of the county with numerous power lines and poles down.						
Allen County 3 NE Ft Wayne	02	1815EST 1816EST			0	0	8K		Thunderstorm Wind (EG55)
			Several trees and power lines reported down. Minor damage to the roof of a barn as well as a tree falling onto a house. Damage is estimated at \$8,000.						
Allen County Woodburn	02	1825EST 1826EST			0	0	10K		Thunderstorm Wind (EG55)
			Several trees and powerlines were blown down.						
Miami County 1 N Denver	02	2000EST 2001EST			0	0			Hail(0.88)
Miami County 1 NE Mexico	02	2000EST 2001EST			0	0	10K		Thunderstorm Wind (EG55)
			A large tree was blown down with the roof of a barn being blown off.						
Wabash County Urbana	02	2020EST 2021EST			0	0			Thunderstorm Wind (EG50)
			Several trees down.						
Huntington County 2 S Roanoke	02	2058EST 2059EST			0	0	5K		Thunderstorm Wind (EG55)
			Several trees and powerlines down.						
White County 7 W Brookston	03	1855EST 1856EST			0	0	8K		Thunderstorm Wind (EG55)
			Several trees and power lines were blown down.						



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Northeast

Pulaski County

Winamac	03	2200EST 2201EST			0	0			Thunderstorm Wind (EG50)
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A tree was blown down in a local park.

Cass County

Logansport	03	2229EST 2230EST			0	0	8K		Lightning
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A bolt of lightning blew a hole in the center of a chimney on the Logansport Public Library. Bricks from the blast were thrown into a nearby alley, as well as embedded in the roof of the library and a nearby garage. Damage is estimated at \$8,000.

Cass County

Logansport	03	2230EST 2232EST			0	0	125K		Thunderstorm Wind (EG60)
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At least a dozen homes suffered damage, several of them having tree limbs fall onto part of the residence. One limb punched through a roof causing extensive damage. 6 cars had tree limbs fall onto them. A brand new truck was totalled from a large limb crushing the vehicle. Numerous other trees, tree limbs and power poles were blown down in and around Logansport. Damage was estimated by Emergency Management at around \$125,000.

Elkhart County

Countywide	12	0000EST 0700EST			0	0	1.5M		Flash Flood
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Thunderstorms continued to develop and move from west to east for several hours across mainly the southern part of Elkhart County. While many locations saw 2 to 4 inches of rain, which did cause some localized urban issues, a narrow band of much heavier rain set up from Wakarusa east into Millersburg. By the end of the event an off duty NWS employee reported 8.17 inches in his gauge with another employee only a few miles south of him reporting 4.50 inches and spotters reporting 6.65 inches west of Goshen. The heavy rainfall resulted in many roads in this narrow band being closed as water flowed over them for several hours. Some roads had minor washouts with extensive erosion along many of the ditch banks. At least 24 businesses in Elkhart suffered damage with a few of these having to suspend operations until the water could recede and clean up commence. Damage was reported approaching 1.5 million dollars, assessed from a combination of actual property loss, as well as loss production and income. Luckily, no evacuations were needed, but there were some rescues of people from vehicles that became stranded in the flood waters. This included a police car along State Route 119.

Lagrange County

Countywide	12	0030EST 1000EST			0	0	400K		Flash Flood
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The same storms that affected southern Elkhart county moved across parts of southern Lagrange county, from Topeka to Oliver Lake. Topaka was the hardest hit area with at least 22 homes reporting some sort of damage from the flash flood. Numerous roads were flooded and closed in and around Topeka. 9 inches of rain was recorded in the Oliver Lake area before tapering off after 3 am EDT. Numerous streams that feed into the lake and rainfall over the lake itself resulted in the lake level rising 0.70 inches over the normal stage at the DNR dam. Water covered many of the piers with some boats floating on shore or into other craft. Also several roads around the lake had water flowing over them. One structure sustained water damage on the lake. Damage is estimated at \$400,000.

INZ004

St. Joseph	15	1640EST			0	0			Heat
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A 3 year old boy climbed into a vehicle with its windows closed at the residence he lived. Outside temperatures were approaching 90 degrees, with heat indices in the mid to upper 90s, just below locally established advisory criteria. The child was unable to crawl back out and as a result was overcome by the higher temperatures in the car. The grandmother found the child and attempted to revive him. The child was briefly revived but died enroute to the hospita.



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Northeast

White County

Wolcott to Monticello	27	1510EST 1525EST			0	0	10K		Thunderstorm Wind (EG55)
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A tree was blown down onto power lines in Wolcott, causing the partial closure of US 24. Other reports of trees, power lines and poles were received between Wolcott and Monticello.

White County

Countywide	27	1825EST 2000EST			0	0			Flash Flood
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Numerous roads were flooded and impassable from Wolcott to Monticello as a result of torrential rainfall. Spotters in Monticello reported three and a half inches of rain over 3 hours.

La Porte County

La Porte	27	2000EST 2215EST			0	0	50K		Flash Flood
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Numerous roads in Michigan City were reported flooded, including US 20 and 421. Some of the streets had over 2 feet of standing or flowing water. Several cars became stranded in the high water. 2.73 inches of rain were recorded at the Michigan City Sanitary District between 545 pm and 845 pm EDT with nearly an inch of this falling in 15 minutes. Emergency personnel responded to reports of partial house-basement collapses at 2 homes in Michigan City. Damage to the structures is estimated around \$50,000

MICHIGAN, Extreme Southwest

Berrien County

St Joseph	03	1920EST 1921EST			0	1			Lightning
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A 10 year old girl was injured when lightning struck a tree along a sidewalk as her and her grandmother were heading for their vehicle as a storm approached. She was knocked over and was found unconscious and not breathing. She was revived enroute to the hospital and is expected to recover fully. The grandmother was knocked over but suffered no other injuries.

MIZ077

Berrien	04	1642EST			1	4			Rip Current
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A favorable onshore flow across southeastern Lake Michigan, resulted in waves ranging from 2 to as much as 6 feet at times. This allowed for several occurrences of rip currents along the shores adjacent to Berrien County. While exact figures were not available, officials from Berrien county reported that at least 6 rescues were performed, despite numerous warnings and advisories. One person, a 43 year old woman, was rescued off of Warren Dunes State Park, subsequently dying several days later. Other swimmers were rescued, treated and released at the beach.

F43IW

Branch County

Coldwater	17	0020EST 0021EST			0	0			Thunderstorm Wind (EG52)
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A estimated wind gust to 60 mph was reported along with trees and tree limbs down.

St. Joseph County

Countywide	17	0044EST 0055EST			0	0	15K		Thunderstorm Wind (EG61)
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Estimated 70 mph winds blew down several trees and power lines in Centreville, Three Rivers and Constantine. At least one tree fell onto a home, causing mainly roof damage. Damage for the county is estimated at around \$15,000.

Cass County

Edwardsburg	17	0130EST 0131EST			0	0	5K		Thunderstorm Wind (EG55)
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Power lines were blown down.



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MICHIGAN, Extreme Southwest

Hillsdale County

5 W Hillsdale	17	2354EST 2355EST			0	0			Thunderstorm Wind (EG52)
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A few trees were reported down west of Hillsdale.

Berrien County

Benton Harbor	20	0700EST 0701EST			0	0	3K		Thunderstorm Wind (EG50)
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A tree fell onto power lines.

Berrien County

4 N Buchanon	27	1818EST 1819EST			0	0	10K		Thunderstorm Wind (EG55)
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Numerous trees and power lines were blown down with some roads blocked by debris

Cass County

Countywide	27	1847EST 1859EST			0	0	10K		Thunderstorm Wind (EG55)
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Trees and power lines were reported down in Dowagiac, Union City and Edwardsberg

OHIO, Northwest

Allen County

Delphos	02	1910EST 1911EST			0	0	80K		Lightning
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Lightning was believed to be the cause of a fire at a 2 story residence in Delphos. The home was a total loss with the value estimated at \$80,000.

Allen County

Lima	02	1919EST 1920EST			0	0			Thunderstorm Wind (MG52)
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Henry County

Deshler	02	1925EST 1926EST			0	0	5K		Thunderstorm Wind (EG55)
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Several trees and power lines down.

Defiance County

5 NNW Defiance	26	1700EST 1701EST			0	0			Hail(0.75)
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Henry County

2 SE Florida	26	1730EST 1731EST			0	0			Hail(1.00)
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Henry County

Malinta	26	1730EST 1731EST			0	0	10K		Hail(0.75)
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Considerable crop damage was reported. Exact figures were not available

Henry County

Malinta	26	1730EST 1731EST			0	0			Thunderstorm Wind (EG60)
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Numerous 18 to 20 inch diameter trees snapped.



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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LMZ46
Michigan City **Michigan City In To New Buffalo Mi**
03 **0715EST** **0** **0** **Marine Tstm Wind (MG55)**
0716EST
 Recorded at the Michigan City GLERL site.

LMZ46
Michigan City **Michigan City In To New Buffalo Mi**
23 **1805EST** **0** **0** **500K** **Marine Tstm Wind (MG92)**
1809EST
 The Michigan City In-Water Boat Show was in progress at the Washington Park Marina in Michigan City, as an intense supercell came onshore. A wind gust to 92 knots was recorded at the Michigan City Coast GLERL site with winds remaining above 34 knots for at least 5 minutes. Some of the temporary moorings and docks for the boat show were smashed with several boats suffering some damage or missing for a period of time. At least one boat had capsized. A man suffered minor injuries to his arm while attempting to secure his boat. Reports of at least one waterspout were received, but could not be substantiated. Damage figures are estimated with no boats being destroyed but several large boats suffering varying amounts of damage.

INDIANA, Northeast

Noble County
Ligonier **02** **1800EST** **0** **0** **2.5K** **Lightning**
1801EST
 Lightning struck a Dodge Durango travelling along US 6 near county road 600 west. The male driver and his children were not injured. However, the electrical system was destroyed, leaving them briefly stranded. Damage is estimated at \$2,500.

La Porte County
Countywide **02** **2150EST** **0** **0** **15K** **Thunderstorm Wind (EG60)**
2200EST
 Several trees and power lines were blown down across the city of Laporte as well as northwestern parts of the county. A tree fell onto a house and adjacent car, causing a hole in the roof of the house and damaging the car. Damage is estimated at around \$15,000 for the power line repairs as well as house and car damage.

La Porte County
2 NW Michigan City to **23** **1806EST** **0** **0** **1.5M** **Thunderstorm Wind (MG87)**
Westville **1827EST**
 A supercell came onshore from Lake Michigan at Michigan City with winds initially above 100 mph. Wind gusts to 75 mph were reported several miles inland as the storm continued south through Westville and Wanatah. Widespread tree, power poles and lines damage was observed from the lake shore to Westville. One minor injury was reported from a cleanup worker in Westville. 2 vehicles were destroyed as a result of falling trees. A police car in Westville suffered damage from a tree falling onto it. 2 miles north of Westville a semi was blown off the Indiana Toll Road with a train suffering damage as a result of the winds. Several buildings suffered roof damage, including several factories, homes and a prison. Damage figures are not complete, but initial estimates of damage on the land are at least \$1.5 million.

La Porte County
Michigan City **23** **1808EST** **0** **0** **Hail(1.75)**
1815EST
 Hail increased in from quarter size to golf ball size over several minutes. The hail covered the ground for nearly an hour after falling

Starke County
5 WNW Hamlet **23** **1855EST** **0** **0** **Hail(1.75)**
1856EST

Starke County
5 WNW Hamlet **23** **1905EST** **0** **0** **10K** **25K** **Hail(2.50)**



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MICHIGAN, Extreme Southwest

Berrien County

Benton Harbor	23	2240EST 2241EST			0	0			Hail(0.75)
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OHIO, Northwest

Putnam County

.8 NW Ft Jennings to 1 N Ft Jennings	28	2045EST 2048EST	1	75	0	0	15K	10K	Tornado (F1)
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A brief tornado occurred about three-quarters of a mile northwest of Fort Jennings at about 945 pm EDT. The tornado was on the ground for about 1 mile and traveled northeast, crossing County Road R and Ohio State Route 634. The tornado was about 75 yards wide at its broadest point. Damage observed by the survey team included roof and siding damage to several homes and garages. A pole barn received substantial damage and its metal doors were pushed inward, with a section of roof ripped off. Another barn was completely destroyed. Damage to structures is estimated at \$15,000. Crop damage was noted with corn knocked down and soy bean fields scoured, estimated at \$10,000.



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

LMZ46	Michigan City In To New Buffalo Mi								
Michigan City	30	1500EST 1501EST			0	0			Marine Tstm Wind (MG44)
	Recorded at the Michigan City GLERL site								

INDIANA, Northeast

Kosciusko County									
2 S Warsaw	05	1500EST 1501EST			0	0			Hail(1.00)

Wabash County									
1 S Wabash to Wabash	27	1555EST 1600EST			0	0			Hail(0.88)

Grant County									
Marion	27	1600EST 1601EST			0	0			Hail(0.88)
	Nickel size hail covered the ground to a depth of 3 inches in some spots.								

Huntington County									
4 N Warren	27	1602EST			0	0			Hail(0.75)

Grant County									
Marion	27	1610EST 1611EST			0	0			Hail(0.88)

Wabash County									
1 S Wabash	27	1616EST 1617EST			0	0			Hail(0.75)

Allen County									
Woodburn	27	1715EST 1716EST			0	0			Hail(0.88)

La Porte County									
Westville	30	1530EST 1531EST			0	7			Lightning

A 15 year old boy and his grandfather were setting up a tent at the annual Pumpkin festival when lightning struck near the tent and travelled through the ground affect both of them. The boy was transported to the hospital with severe leg pain, but was alert. The boy's grandfather as well as 5 bystandards were affected by the lightning, treated at the scene and released.

OHIO, Northwest

Fulton County									
Archbold	09	1558EST 1559EST			0	0			Hail(0.88)

Storm Data and Unusual Weather Phenomena - October 2006

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

NOBLE COUNTY

1.7 NE SWAN	10/02/06 09:10 EST	0	0	Hail (0.88 in)
	10/02/06 09:11 EST			41.34N, 85.24W

LA PORTE COUNTY

1.7 SW LA PORTE ARPT	10/02/06 15:06 CST	3K	0	Thunderstorm Wind (EG 50 kt)
	10/02/06 15:07 CST			41.56N, 86.71W

Trees were blown down.

LA PORTE COUNTY

0.5 W WANATAH	10/02/06 15:24 CST	0	0	Hail (0.88 in)
	10/02/06 15:25 CST			41.43N, 86.89W

STARKE COUNTY

0.9 SW KNOX	10/02/06 16:55 CST	0	0	Hail (0.75 in)
	10/02/06 16:56 CST			41.29N, 86.62W

ST. JOSEPH COUNTY

MISHAWAKA	10/02/06 17:30 EST	0.75M	0	Lightning
	10/02/06 17:31 EST			41.67N, 86.17W

A fire, started by lightning, destroyed a Methodist church in Mishawaka. Several hours passed before the fire could be brought under control. Those inside the church at the time of the strike were able to escape without injury. Damage is estimated at \$750,000.

A warm front moved north across northern Indiana during the morning hours with numerous showers and embedded thunderstorms. Numerous reports of hail were recieved with a few exceeding severe limits.

LAKE MICHIGAN

MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY

MICHIGAN CITY	10/02/06 23:40 EST	0	0	Marine Thunderstorm Wind (MG 42 kt)
	10/02/06 23:41 EST			41.72N, 86.9W

A warm front was responsible for widespread shower and thunderstorm development which moved across parts of southern Lake Michigan. Strong winds accompanied some of the thunderstorms.

MICHIGAN, Extreme Southwest

BRANCH COUNTY

0.5 E UNION CITY	10/04/06 05:15 EST	0	0	Thunderstorm Wind (EG 55 kt)
	10/04/06 05:16 EST			42.07N, 85.14W

A large tree was blown down in Union City.

A prefrontal trough provided the focus for thunderstorm development that moved south into far southern Lower Michigan. An isolated storm produced severe wind gusts as a result of a wet microburst.

Storm Data and Unusual Weather Phenomena - December 2006

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

ALLEN (IN-Z018)

	12/01/06 14:36 EST	0	0	High Wind (MAX 50 kt)
	12/01/06 14:37 EST	0	0	

A strong low pressure system moving northeast through the Ohio Valley into the eastern Great Lakes produced strong winds across portions of northeast Indiana.

ELKHART (IN-Z005), NOBLE (IN-Z008), WHITLEY (IN-Z017)

	12/07/06 00:00 EST	0	0	Lake-Effect Snow
	12/07/06 19:13 EST	0	0	

A cold front ushered in colder air across the relatively warm waters of the Great Lakes, resulting in several bands of lake effect snow showers. One dominant band set up from far southwestern Michigan into far Northern Indiana. Eastern Elkhart, western Noble and extreme northern Whitley counties seen the highest accumulations ranging from over 8 inches in Tri Lakes to 6 inches in Middlebury, Benton and just north of Ligonier.

PULASKI COUNTY

2.0 N WINAMAC	12/31/06 19:39 CST	3K	0	Thunderstorm Wind (EG 50 kt)
10.0 NE WINAMAC	12/31/06 19:50 CST	0	0	41.08N, 86.62W ~ 41.15N, 86.76W

A few trees were blown down. One tree limb was blown down onto a car. A carport was blown off of a house and a dog kennel blown across a yard. Damage is estimated at \$3,000.

Lift ahead of a upper level disturbance interacted with a pocket of cold air aloft, resulting in the development of scattered thunderstorms within an area of rain.

MICHIGAN, Extreme Southwest

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

	12/01/06 00:00 EST	0	0	Ice Storm
	12/01/06 12:30 EST	0	0	

A strong low pressure system moved northeast through the Ohio Valley into the eastern Great Lakes and produced moderate to heavy rainfall across the region. Surface temperatures dropped to at or below freezing across southern lower Michigan, resulting in freezing rain. Numerous tree limbs were downed by ice accumulations with the Benton Harbor automated weather system reporting 0.43 inches of freezing rain.

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

	12/07/06 00:00 EST	0	0	Lake-Effect Snow
	12/07/06 19:13 EST	0	0	

A cold front ushered in colder air across the relatively warm waters of the Great Lakes, resulting in several bands of lake effect snow showers. One dominant band set up from far southwestern Michigan into Northern Indiana. Amounts ranged from 11 inches in Marcellus to 7 inches in Cassopolis, to 6 inches in White Pigeon, Sturgis and Union.

OHIO, Northwest

PUTNAM (OH-Z016), ALLEN (OH-Z025)

	12/01/06 12:50 EST	1K	0	High Wind (MAX 51 kt)
	12/01/06 13:11 EST	0	0	

A strong low pressure moved northeast through the Ohio Valley into the eastern Great Lakes producing strong winds over northwest Ohio. Power lines were reported down in parts of Putnam county.