

Storm Data and Unusual Weather Phenomena - May 2009

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

JAY COUNTY --- 0.5 E DUNKIRK [40.38, -85.21], 2.4 W DUNKIRK [40.38, -85.27], 1.4 W PENNVILLE [40.50, -85.18], 2.4 SW POLING [40.51, -85.10]				
	05/01/09 01:15 EST		0	Flood (due to Heavy Rain)
	05/01/09 07:00 EST		0	Source: Law Enforcement

Law enforcement officials reported portions of State Route 167 north of Dunkirk and County Road 400 closed due to flooding. Water was also reported crossing the road on State Road 1 south of Pennville.

Thunderstorms persisted over much of southern Blackford and all of Jay counties during the overnight hours of May 1st. Locations in the Dunkirk area reported up to three inches of rain causing water problems on some roads.

LA PORTE COUNTY --- 0.5 E MICHIGAN CITY [41.72, -86.89]				
	05/13/09 23:00 CST		0	Thunderstorm Wind (EG 55 kt)
	05/13/09 23:01 CST		0	Source: Law Enforcement

Law enforcement officials reported several trees down in both Michigan City and Long Beach, along US 12.

PULASKI COUNTY --- 0.5 E MEDARYVILLE [41.08, -86.89]				
	05/14/09 00:10 CST		0	Thunderstorm Wind (EG 50 kt)
	05/14/09 00:11 CST		0	Source: Law Enforcement

Law enforcement officials report a few large tree limbs down.

KOSCIUSKO COUNTY --- 2.7 N MENTONE [41.21, -86.03], 3.0 NNE MENTONE [41.21, -86.02]				
	05/14/09 01:35 EST		5M	Thunderstorm Wind (EG 55 kt)
	05/14/09 01:36 EST		0	Source: Emergency Manager

Emergency management officials reported two livestock barns, containing chickens, suffered damage. One building suffered severe damage with roughly 200,000 chickens having to be relocated. Debris from the barns was thrown up to a half mile northeast of the location, with a barn on 900 West south of 100 North suffering some damage. Damage by the business owners is estimated in excess of five million dollars due to structural damage, costs to move the chickens to other facilities and other expenses.

KOSCIUSKO COUNTY --- 0.9 SE WINONA LAKE [41.21, -85.84]				
	05/14/09 01:40 EST		0	Thunderstorm Wind (EG 50 kt)
	05/14/09 01:41 EST		0	Source: NWS Employee

An off duty NWS employee reported large tree branches being blown down on the southeast side of Warsaw.

Several lines of strong to locally severe thunderstorms affected portions of Illinois during the evening hours of May 13th and moved east into western Indiana into the early morning hours of the 14th. While instability was marginal, very strong wind fields were in place with a few of the strongest storms able to bring the strong winds to the surface.

CASS COUNTY --- 0.5 W LOGANSPOUT [40.75, -86.36], 3.1 S LEASES CORNER [40.82, -86.37], 0.7 SSW METEA [40.86, -86.33], 2.3 W ADAMSBORO [40.78, -86.31]				
	05/15/09 22:45 EST		0	Flash Flood (due to Heavy Rain)
	05/16/09 02:45 EST		0	Source: Emergency Manager

Emergency management officials reported a creek just north of the intersection of State Route 17 and County Road 400 North, going out of its banks, resulting in high flowing water over several roads. A few vehicles were reported to be stalled in the flood waters. Spotters in the area reported two to three inches of rain.

KOSCIUSKO COUNTY --- 0.8 E SYRACUSE [41.42, -85.73], 1.4 N BEAVER DAM [41.10, -86.00], 1.9 ENE SIDNEY [41.11, -85.72], 0.2 N SYRACUSE WAWASEE ARP [41.42, -85.68]				
	05/16/09 00:00 EST		0.10M	Flash Flood (due to Heavy Rain)
	05/16/09 05:00 EST		0	Source: Emergency Manager

Spotters and local officials reported between two and four inches of rain falling over a 3 to 5 hour period. This resulted in numerous roads becoming flooded with flowing water in several locations, especially south of Warsaw. At least 6 roads were reported closed due to the flowing water. Specific damage amounts weren't available, but are estimated at \$100,000.

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STEUBEN COUNTY --- 2.0 NNE NEVADA MILLS [41.76, -85.07], 2.5 NE ORLAND [41.76, -85.14], 1.7 WSW ORLAND [41.72, -85.20], 2.2 ESE ORLAND [41.72, -85.13]				
	05/16/09 00:30 EST		0.25M	Flood (due to Heavy Rain)
	05/16/09 05:00 EST		0	Source: Trained Spotter

Spotters and emergency management officials reported several areas in and around the Lake Pleasant area seeing flooding as the lake went out of its banks in many areas. This was the result of around four inches of rain falling across the area. Exact damage estimates were not available, but are estimated at \$250,000.

A warm front was located across central Indiana during the early evening hours. An area of convection moved in from Illinois along the front and weakened below severe levels. However, the complex began to expand and become a proficient rain producer with several areas seeing flooding rains averaging between 1.5 and 3 inches, with some higher amounts.

LAKE MICHIGAN

MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY --- 0.9 NW MICHIGAN CITY [41.73, -86.91]				
	05/07/09 18:15 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/07/09 18:16 EST		0	Source: C-MAN Station

The Great Lakes Environmental Research Laboratory (GLERL) station at Michigan City recorded a 39 knot wind gust.

A weak front stalled out over the area during the afternoon and evening. A weak disturbance moved through, allowing showers and storms to develop. A small area of convection developed over Lake Michigan and produced locally gusty winds.

MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY --- MICHIGAN CITY [41.72, -86.90]				
	05/13/09 23:25 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/13/09 23:26 EST		0	Source: C-MAN Station

The Michigan City Great Lakes Environmental Research Laboratory (GLERL) site recorded a 36 knot wind gust.

MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY --- MICHIGAN CITY [41.72, -86.90]				
	05/13/09 23:55 EST		0	Marine Thunderstorm Wind (MG 55 kt)
	05/13/09 23:56 EST		0	Source: C-MAN Station

The Michigan City Great Lakes Environmental Research Laboratory (GLERL) site recorded a sustained wind of 41 knots with a peak gust of 55 knots.

Several lines of strong to locally severe thunderstorms affected portions of Illinois during the evening hours of May 13th and moved east into western Indiana and adjacent portions of far southeastern Lake Michigan during the early morning hours of the 14th. While instability was marginal, very strong wind fields were in place with a few of the strongest storms able to bring the strong winds to the surface.

OHIO, Northwest

ALLEN COUNTY --- 1.3 WNW SPENCERVILLE [40.71, -84.37]				
	05/27/09 16:30 EST		7.50K	Thunderstorm Wind (EG 55 kt)
	05/27/09 16:31 EST		0	Source: Emergency Manager

Emergency management officials reported a portion of the roofing on a barn was removed. In addition, a power pole and several lines were blown down. Damage is estimated at \$7,500.

Weak low pressure tracked across northern Indiana during the afternoon and evening hours. Extensive cloud cover kept most areas from destabilizing except for portions of Van Wert and Allen counties. A small area of thunderstorms developed in Auglaize County and moved into the southeastern part of Van Wert and southwestern part of Allen County. Training of the storms occurred over the area with an isolated wind damage report in the Spencerville area.