

Storm Data and Unusual Weather Phenomena - February 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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MICHIGAN, East

(MI-Z049) HURON, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z063) ST. CLAIR

02/09/16 01:00 EST	0	Heavy Snow
02/09/16 19:00 EST	0	

A low pressure system moved across the northern Great Lakes on Monday, February 8th. This low stalled over southern Lake Huron during the early morning hours of February 9, strengthening as it did so. Snow showers with embedded heavier squalls tracked southward through Southeast Michigan overnight with mainly 1 to 4 inches by 7 am. The low continued to only slowly drift eastward, resulting in a long period of snowfall throughout the day. The Thumb was the hardest-hit by this activity, with 8 to 12 inches widespread across the region. The heaviest amounts occurred in Huron county and in a band over northwest Tuscola and western Sanilac Counties. Here are some of the higher snowfall reports received:

Deford... 14 inches.
 Port Hope... 12 inches.
 Peck... 12 inches.
 Yale... 8 inches.

(MI-Z060) SHIAWASSEE, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE

02/19/16 14:00 EST	30.50M	High Wind (MAX 52 kt)
02/20/16 00:00 EST	0	

Strong southwest winds of 50 to 60 mph brought down trees...tree limbs...and power lines...mainly along the M-59 corridor and I-94 corridors of Southeast Michigan. DTE reported 117,000 customers were affected during the peak early Friday evening, with 75,000 customers remaining without power into Saturday the next day.

Here are some of the higher wind gusts reported at airports across the area on Friday February 19th:

Ypsilanti... 58 mph at 1022 PM.
 Detroit Metro... 55 mph at 744 PM.
 Owosso... 55 mph at 835 PM.
 Saginaw (MBS)... 54 mph at 536 PM.
 Pontiac... 54 mph at 742 PM.
 Ann Arbor... 54 mph at 719 PM.
 Flint Bishop... 53 mph at 634 PM.
 Howell... 53 mph at 734 PM.
 Detroit City... 52 mph at 541 PM.

(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE

02/24/16 08:00 EST	0	Heavy Snow
02/24/16 22:00 EST	0	

A strong low pressure system with copious moisture moved northeastward from the Southern Plains to Lake Erie on February 24. Precipitation broke out across Southeast Michigan during the early morning hours of the 24th, spreading from south to north during the morning hours. Temperatures were marginal for snow, but it was cold enough for mainly snow north and west of the glacial ridge. To the south and east, including the city of Detroit, much of the precipitation fell as rain or a wintry mix, drastically reducing snowfall totals there. The snowfall was heavy at times during the afternoon and evening hours north of a line from roughly Ann Arbor to Port Huron, with 1 inch per hour rates common. The snowfall tapered off for a time overnight as the main precip shield was shunted to the west, but lingering moisture and forcing moved across Southeast Michigan once more during the morning hours of the 25th, adding a few more inches to storm totals.

All told, the heaviest amounts from 12 to 14 inches occurred in a stripe across Lapeer County, southern portions of Shiawassee and Genesee Counties, and northern portions of Oakland and Livingston Counties. At least 8" was common north and west of the glacial ridge. Lesser amounts of 2 to 4 inches occurred over the city of Detroit, with a tight gradient in snowfall in between. Here are some of the higher reports received:

Burton... 14.0 inches.
 Lyndon Township... 13.0 inches.
 Hartland... 13.0 inches.
 Perry... 12.8 inches.
 Lake Orion... 12.4 inches.
 Kingston... 12.0 inches.

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Sanford....				11.0 inches.
Plymouth...				9.0 inches.