

Storm Data and Unusual Weather Phenomena - February 2015

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

(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) LENAWEE, (MI-Z083) MONROE	02/01/15 01:00 EST	0	0	Heavy Snow
	02/02/15 06:00 EST	0	0	

A strong and slowing moving low pressure system tracked through the Ohio Valley delivering eight to seventeen inches of snow along and south of the I-69 corridor, with four to eight inches north of I-69. Highest amounts where in and around southern Wayne county, as Detroit Metro Airport recorded 16.7 inches, the third highest snowfall total on record in Detroit. High pressure to the north maintained a cold feed of air with brisk northeast winds gusting around 25 mph, along with air temperatures mostly in the low 20s, leading to powdery snow. The drier nature of the snow and strong winds lead to significant drifts. This was a long duration event, as snow fell over a 24 hour period, with some locations toward the Ohio Border seeing snow for close to 30 hours. Here are some of the higher snowfall totals received:

- Romulus (Detroit Metro)... 16.7 inches.
- Ann Arbor... 14.1 inches.
- Monroe... 14.0 inches.
- Algonac... 14.0 inches.
- Lapeer... 11.9 inches.
- Morenci... 11.7 inches.
- Richmond... 11.7 inches.
- White Lake... 11.2 inches.
- Linden... 11.2 inches.
- Whitmore Lake... 11.0 inches.
- Owosso... 10.5 inches.
- Lexington... 10.0 inches.
- Flint (Flint Bishop)... 9.2 inches.

(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) LENAWEE, (MI-Z083) MONROE	02/14/15 21:00 EST	0	0	Extreme Cold/Wind Chill
	02/15/15 12:00 EST	0	0	

Arctic airmass ushered in by northwest winds produced Wind Chills around 30 below zero across most of Southeast Michigan the early morning of February 15th. Temperatures of -5 to 5 above zero in the evening hours of February 14th coupled with northwest winds of 15 to 20 mph produced wind chills around 25 below zero. Although winds diminished to around 10 mph during the early morning hours of February 15th, temperatures bottomed between 5 to 15 below zero. The official lows at the climate sites were as follows: Detroit -8 degrees, Flint -11 degrees, and Saginaw -12 degrees. Temperatures slowly rose during the morning hours with corresponding wind chills climbing above -20 degrees during the afternoon hours.

(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	02/19/15 00:00 EST	0	0	Extreme Cold/Wind Chill
	02/19/15 11:00 EST	0	0	

Arctic airmass ushered in by northwest winds produced Wind Chills around 25 below zero along and north of M-59 Corridor. Temperatures of zero to 5 below zero toward Midnight on February 18th, coupled with northwest winds of 10 mph or less produced wind chills between 20 to 25 below zero. Although winds remained under 10 mph during the early morning hours of February 19th, temperatures bottomed out between 5 to 10 below zero. The official low at Flint was -10 degrees, while Saginaw checked in at -7 degrees. Temperatures slowly rose during the morning hours with corresponding wind chills climbing above -20 degrees.

(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	02/23/15 00:00 EST	0	0	Extreme Cold/Wind Chill
	02/23/15 11:00 EST	0	0	

Low temperatures bottoming out between 10 to 20 below zero, coupled with west to northwest winds less than 10 mph produced wind chills of 20 to 25 below zero, along and north of I-69 Corridor. The official low at Flint was -17 degrees, while Saginaw checked in at -14 degrees. Both these temperatures broke the record cold daily values.

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