

Storm Data and Unusual Weather Phenomena - March 2014

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) LENAWEЕ, (MI-Z083) MONROE	03/12/14 00:00 EST 03/12/14 15:00 EST	0 0	Winter Storm
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A low pressure system tracked across the Ohio Valley on March 12th. A tremendous amount of moisture lifted north of the low track and into southern Michigan. This moisture combined with arctic air plunging into the Great Lakes quickly turned light rain into all snow. Intensification of this storm system during the morning of the 12th lead to the development of heavy wet snow. The strength of the storm system and instability in the atmosphere also triggered some thunder snow. During the course of the morning, northerly winds gusted between 35 to 45 mph, which caused a significant amount of blowing and drifting of the snow. These northerly winds also caused temperatures to plummet during the course of the afternoon. The rapid freezing of the heavy wet snow and blowing and drifting led to extremely poor road conditions throughout most of Southeast Michigan. The significant blowing and drifting of the snow made measuring very difficult. Snowfall accumulations generally ranged from 5 to 9 inches along and south of I-69 corridor, with isolated 10 inch amounts. Here are some of the higher snowfall reports received:

- Fowlerville (3W) 10 inches.
- Port Huron 10.0 inches.
- Clarkston 9.3 inches.
- Holly 9.3 inches.
- Mt. Clemens 8.9 inches.
- Linden 8.8 inches.
- Peck (2W) 8.0 inches.
- Riverview 8.0 inches.
- Perry 7.6 inches.
- Monroe 7.2 inches.
- Lum 6.5 inches.
- Tecumseh 6.0 inches.
- Ann Arbor 5.8 inches.