

Storm Data and Unusual Weather Phenomena - December 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE HURON				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	12/14/15 14:50 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	12/14/15 14:50 EST	0		Source: C-MAN Station
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	12/14/15 15:10 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	12/14/15 15:10 EST	0		Source: C-MAN Station
Thunderstorms moving through Saginaw Bay produced wind gusts around 50 mph.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.1 SW NEW BALTIMORE [42.61, -82.83]				
	12/14/15 15:22 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	12/14/15 15:22 EST	0		Source: ASOS
A thunderstorm moving into Lake St. Clair produced a 43 mph wind gust.				
MICHIGAN, East				
SAGINAW COUNTY --- 0.9 NW MERRILL [43.41, -84.34]				
	12/14/15 13:50 EST	0		Thunderstorm Wind (EG 52 kt)
	12/14/15 13:50 EST	0		Source: 911 Call Center
Power lines were reported down.				
MIDLAND COUNTY --- 1.6 WSW FLOYD [43.57, -84.45]				
	12/14/15 13:51 EST	0		Thunderstorm Wind (EG 52 kt)
	12/14/15 13:51 EST	0		Source: 911 Call Center
A tree was reported down near the intersection of 10 mile and Gordonville roads.				
MIDLAND COUNTY --- 3.6 SSE AVERILL [43.62, -84.31]				
	12/14/15 14:03 EST	0		Thunderstorm Wind (EG 52 kt)
	12/14/15 14:03 EST	0		Source: 911 Call Center
A tree was reported down near the intersection of Tittabawassee River and Lambert Roads.				
MIDLAND COUNTY --- 2.5 E MIDLAND [43.62, -84.18]				
	12/14/15 14:09 EST	0		Thunderstorm Wind (EG 52 kt)
	12/14/15 14:09 EST	0		Source: 911 Call Center
A tree was reported down near the intersection of Hancock and Jay Roads.				
BAY COUNTY --- 1.7 SW LINWOOD [43.71, -83.99]				
	12/14/15 14:25 EST	0		Thunderstorm Wind (EG 52 kt)
	12/14/15 14:25 EST	0		Source: 911 Call Center
A tree was reported down near the intersection of Parish and Mackinaw Roads.				
BAY COUNTY --- 2.1 WSW PINCONNING [43.84, -84.01]				
	12/14/15 14:32 EST	0		Thunderstorm Wind (EG 52 kt)
	12/14/15 14:32 EST	0		Source: 911 Call Center

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BAY COUNTY --- 1.5 NNE PINCONNING [43.87, -83.96]				
	12/14/15 14:35 EST		0	Thunderstorm Wind (EG 50 kt)
	12/14/15 14:35 EST		0	Source: Trained Spotter
A pine tree was reported blown down.				
Thunderstorms moving through Tri-Cities region brought down a few trees and wires.				
LENAWEE COUNTY --- 0.9 SW BLISSFIELD BETZ ARPT [41.84, -83.88]				
	12/23/15 18:05 EST		10K	Thunderstorm Wind (EG 56 kt)
	12/23/15 18:05 EST		0	Source: 911 Call Center
Multiple roofs were blown off in a mobile home park.				
LENAWEE COUNTY --- 2.8 N DEERFIELD [41.92, -83.79]				
	12/23/15 18:08 EST		10K	Thunderstorm Wind (EG 56 kt)
	12/23/15 18:08 EST		0	Source: Fire Department/Rescue
A barn was reported destroyed.				
MONROE COUNTY --- 2.1 SW OTTAWA LAKE [41.75, -83.78], 1.7 ENE OTTAWA LAKE [41.78, -83.72]				
	12/23/15 18:18 EST		50K	Thunderstorm Wind (EG 65 kt)
	12/23/15 18:20 EST		0	Source: NWS Storm Survey
A wind damage swath was observed where multiple trees were downed . Shingles were blown off two roofs, and an out building destroyed. Two barn roofs were also blown off.				
WAYNE COUNTY --- 1.5 SSW METTETAL ARPT [42.33, -83.46], 0.4 NE METTETAL ARPT [42.35, -83.44]				
	12/23/15 18:43 EST		0.50M	Tornado (EF1, L: 1.96 mi , W: 100 yd)
	12/23/15 18:46 EST		0	Source: NWS Storm Survey

An NWS damage survey determined that a tornado touched down in a neighborhood just southwest of the intersection of Warren and North Lilley Roads in Canton. Several pine trees were knocked down along with other large tree limbs. EF-1 damage was then found at a light industrial complex on the southwest side of the Canton Airport where multiple buildings and vehicles were damaged . Additional EF-0 damage was found near the intersection of Joy and Haggerty roads where a metal roof was taken off a gas station and more trees were damaged . The tornado then lifted near Haggerty Road and Newport Drive.

A strong low pressure system tracking from the southern Plains into the Upper Great Lakes brought record December warmth to Southeast Michigan on Wednesday, December 23rd. Stronger winds associated with this system interacted with the unseasonably warm air to produce the first December tornado in Michigan history during the evening. This tornado occurred in Wayne County, just north-northeast of Canton. The tornado was rated EF-1 with peak winds of 90 mph. The tornado touched down at 643 pm EST, tracking 2 miles before lifting at 646 pm EST.