



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MICHIGAN, East

MIZ047>048-053

Midland - Bay - Saginaw

02	0600EST 2200EST			0	0				Winter Storm
-----------	----------------------------	--	--	----------	----------	--	--	--	---------------------

A storm system developed across the southern plains and mid Mississippi River valley and moved northeast across central Michigan. Snowfall developed during the morning of the 2nd. The snowfall changed over to rain late in the morning in locations south of a Bad Axe to Owosso line. North of this line, the precipitation remained in the form of snow well into the evening. A band of heavy snow affected locations from southwest Lower Michigan across central Michigan and into the tri cities region. By late in the evening of the 2nd, snowfall had totaled 12 inches across much of Midland county. Snowfall amounts in Bay county ranged from 8 to 10 inches, while in Saginaw county, amounts ranged from 6 to 9 inches, with the higher amounts reported in the northwestern part of the county.

MIZ069

Oakland

03	1200EST			1	0				Extreme Cold
-----------	----------------	--	--	----------	----------	--	--	--	---------------------

In Troy, an 84-year-old woman was found dead on the patio outside her retirement home. Hypothermia was the suspected cause of death.

F84OU

MIZ047>049-053>055-060>063-068>070-075>076-082>083

Midland - Bay - Huron - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Washtenaw - Wayne - Lenawee - Monroe

09 10	1500EST 0400EST			0	2	780K			High Wind (G61)
------------------	----------------------------	--	--	----------	----------	-------------	--	--	------------------------

A very strong cold front moved across southeast Michigan during the late afternoon hours of the 9th. A line of showers developed along the cold front. Very strong winds and brief heavy rain were associated with these showers. Behind the line of showers, powerful winds brought much colder air into the region. A low pressure system, which moved across the northern Great Lakes during the afternoon of the 9th, strengthened during the evening as it moved northeast of the region. This allowed the strong winds to continue into the early morning hours of the 10th. In addition to the winds, temperatures dropped from readings in the 50s during the early afternoon of the 9th, to the 20s by late evening. Wind gusts measured between 60 and 70 MPH affected southeast Michigan during the passage of the cold front. Winds as high as 50 to 60 MPH continued into the night.

Hundreds of trees, power lines and utility poles were blown down across southeast Michigan. Falling trees caused damage to several homes throughout the region. High winds also tore roofing material and siding off of many homes and businesses. A few cars were also struck by falling trees and branches. An estimated 180,000 homes and businesses across southeast Michigan lost power due many powers lines being blown down. A summary of some of the other damages are listed by county as follows

Bay: The large statue and sign at the Big Boy restaurant on North Euclid Ave. toppled over onto the parking lot, causing damage to a pickup truck.

Genesee: A roof was blow off a portion of Bentley High School in Burton, damaging the school's library and GenNet Distance Learning Center. Several computers in the schools library were destroyed when they were drenched by heavy rains following the roofs demise. The Cantonese Gourmet restaurant on South Saginaw St near Belvedere Ave. in Flint also had part of its roof blown off. No injuries were reported at these two locations

Huron: A mother and daughter escaped serious injury when high winds ripped the roof off their trailer home north of Port Hope and sent the structure tumbling across their yard. Several barns across the county were destroyed by the high winds. The bleachers at the Bad Axe ball diamonds were also destroyed by a falling tree.

Lenawee: At least two barns on the South County Line Highway were blown down. High winds also blew down part of the frame of a new professional building under construction on the west side of Blissfield. An Adrian woman escaped injury as she was driving westbound on US 223 near Humphrey Highway in Palmyra Township when a tree fell onto the road and struck her car.

Monroe: The rubber membrane roof on Ida Elementary School (Ida Township) was ripped off. A part of the awning at the Clark Gas Station on S. Monroe St. and Jones Ave. collapsed due to high winds. A couple of barns across the county were destroyed. A semi-truck was blown over by high winds on US-23 just north of the Dundee on-ramp. The driver was reported to be unhurt. Twenty-eight vehicles were damaged when the plastic signs at Spirit Ford broke and shards were sent across the car lot

Oakland: High winds shattered windows in the grand-stands at the Hazel Park Raceway.



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------	---------------------------------	-------	--------------------

MICHIGAN, East

Saginaw: Foam insulation and siding was ripped of List Elementary and Frankenmuth High Schools in Frankenmuth. A 21-year old female driver suffered minor injuries when a tree fell on her moving car in Saginaw.

Sanilac: Deckerville High School in Deckerville lost about 25 percent of its gym roof due to the high winds. About 35 fifth and sixth graders were in the gym at the time. Noone was injured. Several barns were also destroyed throughout the county

Washtenaw: High winds shattered the windows at a restaurant in Ann Arbor, injuring one person.

Wayne: At the Sacred Heart Catholic Church in Detroit, a steeple that had topped the sanctuary for 127 years fell onto the street. The roof caved in on the St. Caryl of Jerusalem's bus garage in Lincoln Park. In Grosse Point Park, a wall collapsed at Young Furniture where a second story was under construction.

MIZ053

Saginaw

10	0500EST	0	0	Flood
11	1045EST			

The Cass River at Frankenmuth rose above flood stage of 17.0 feet at 5 am on the 10th. It crested at 18.57 feet at 2 am on the 11th and fell below flood stage at 10:45 am on the 11th. There was some minor flooding of Heritage Park in the city of Frankenmuth. Just downstream, in Bridgeport Township, several residents along the river reported basement and backyard flooding.

MIZ083

Monroe

25	1200EST	0	0	Heavy Snow
	2000EST			

A low pressure system moved from central Tennessee to western Pennsylvania during the day on the 26th. An upper level disturbance north of this surface low helped to produce an area of snowfall across the far southern sections of southeast Michigan. Hardest hit was Monroe County where 5 to 8 inches of snowfall was measured. Other locations south of Interstate 94 generally saw 3 to 5 inches, while places north saw little if any snowfall.