



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

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

LAKE ERIE

LEZ444	Mi Waters Of Lake Erie								
Monroe Harbor to Luna Pier	10	0320EST			0	0			Marine Hail (1.00)
Refer to Eastern Michigan for more details.									

LAKE HURON

LHZ464	Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border								
Port Huron	05	1925EST			0	0			Marine Tstm Wind (EG50)
LHZ443	Pt Sanilac To Pt Huron Mi								
Port Huron	05	1925EST			0	0			Marine Tstm Wind (EG50)
See Eastern Michigan for more details on this event.									

LAKE ST CLAIR

LCZ423	Detroit River								
Belle Isle to Wyandotte	05	1852EST			0	0			Marine Hail (1.00)
LCZ460	Lake St Clair (U.S. Portion)								
Grosse Pointe	05	1852EST			0	0			Marine Hail (1.00)
LCZ422	St Clair River								
Port Huron	05	1925EST			0	0			Marine Tstm Wind (EG50)
See Eastern Michigan for more details on this event.									
LCZ423	Detroit River								
Wyandotte	10	0005EST			0	0			Marine Hail (0.75)
Refer to Eastern Michigan for more details.									

MICHIGAN, East

Washtenaw County									
1 W Chelsea	01	0300EST			0	0	15K		Lightning
Lightning struck the roof of a two-story home. This caused the roof and a bedroom above an attached garage to catch on fire.									
St. Clair County									
St Clair	01	1900EST			0	0	1K		Lightning
The post office on Trumbull Street was closed for much of the day after lightning struck the roof and caused the building's telephone lines and computer systems down.									
Shiawassee County									
3 S Perry	05	1710EST			0	0			Thunderstorm Wind (EG50)
A trained spotter reported 3 to 6 inch diameter tree limbs blown down in thunderstorm winds.									
Genesee County									
Linden	05	1743EST			0	0			Hail(0.88)
Genesee County									
Linden	05	1743EST			0	0	5K		Thunderstorm Wind (EG70)
Thunderstorm winds blew a trailer several feet from its foundation, blew in a garage door, knocked several large trees over, destroyed a swing set, and blew some shingles off of roofs.									
Washtenaw County									
Chelsea	05	1743EST			0	0			Hail(1.00)
Genesee County									
Flint	05	1745EST			0	0			Hail(0.88)



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<u>MICHIGAN, East</u>									
Genesee County									
Fenton	05	1750EST			0	0			Hail(0.75)
Washtenaw County									
Chelsea	05	1754EST 1800EST			0	0			Hail(0.75)
Washtenaw County									
Dexter	05	1754EST			0	0			Hail(0.75)
Genesee County									
Grand Blanc	05	1803EST			0	0			Hail(0.88)
Genesee County									
Grand Blanc	05	1803EST			0	0			Thunderstorm Wind (EG65)
Washtenaw County									
5 W Ann Arbor	05	1803EST			0	0			Hail(0.88)
Genesee County									
Thetford Center	05	1805EST			0	0			Hail(0.75)
Washtenaw County									
Dexter	05	1806EST			0	0			Hail(1.00)
Washtenaw County									
2 N Ann Arbor	05	1815EST			0	0			Hail(1.75)
Washtenaw County									
Ann Arbor	05	1815EST			0	0			Hail(1.00)
Genesee County									
Burton	05	1817EST			0	0			Hail(1.00)
Genesee County									
Burton	05	1817EST			0	0			Thunderstorm Wind (EG61)
Genesee County									
Davison	05	1825EST			0	0			Hail(0.88)
Lapeer County									
Metamora	05	1830EST			0	0			Hail(1.00)
Oakland County									
2 N Oxford	05	1830EST			0	0			Hail(1.75)
Tuscola County									
3 NW Mayville	05	1830EST			0	0			Hail(1.00)
Oakland County									
Oxford	05	1837EST			0	0			Hail(0.75)
Wayne County									
Redford	05	1845EST			0	0			Hail(0.75)
Oakland County									
Troy	05	1850EST			0	0			Hail(0.88)
Wayne County									
Inkster	05	1852EST			0	0			Hail(1.00)
Lapeer County									
Almont	05	1855EST			0	0			Hail(1.00)
Oakland County									
1 SW Leonard to 1 S Leonard	05	1900EST 1912EST	1	100	0	0	90K		Tornado (F1)

A tornado touched down 1 mile southwest of Leonard and was on the ground for about 1 mile. Several large trees were uprooted from the tornado. A large pole barn was destroyed, a camper and trailer were overturned, the roof on a home was lifted off, and a truck was heavily damaged when a large tree fell onto it. The most extensive damage was reported on Quattro Lane, south of



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MICHIGAN, East

Leonard.

St. Clair County

2 S Emmett

05 1925EST 0 0 Thunderstorm Wind (EG50)

A trained spotter reported several large trees blown down in thunderstorm winds.

During the afternoon of the 5th, thunderstorms initiated along a lake breeze (off Lake Michigan) in Southwest Lower Michigan. These thunderstorms then moved along a warm front which was located over Southeast Michigan. Thunderstorms produced mostly hail, with a few damaging wind gusts reported as well. The largest hail (golf ball size) occurred near Ann Arbor and Oxford. Wind Shear in the vicinity of the warm front produced numerous wall and funnel clouds. One tornado did occur near Leonard in Oakland County. It was reported a couple thousand homes and businesses lost power during the storms.

Washtenaw County

York

09 2337EST 0 0 Hail(0.75)

Washtenaw County

5 N Milan

09 2340EST 0 0 Hail(1.00)

Washtenaw County

3 NE Ypsilanti

09 2348EST 0 0 Hail(0.88)

Washtenaw County

Whittaker

09 2355EST 0 0 Hail(0.75)

Wayne County

Wyandotte

10 0005EST 0 0 Hail(0.75)

Wayne County

Wyandotte

10 0010EST 0 0 Hail(1.00)

Wayne County

Redford

10 0020EST 0 0 Hail(0.75)

Lenawee County

Addison

10 0141EST 0 0 Hail(0.75)

Lenawee County

9 S Adrian

10 0204EST 0 0 Hail(1.75)

Monroe County

6 N Lambertville

10 0234EST 0 0 Hail(0.75)

Monroe County

La Salle

10 0320EST 0 0 Hail(1.00)

A warm front was located across the northern Ohio Valley on the evening of the 9th. Thunderstorms developed along the warm front and moved across southern Lower Michigan late in the evening on the 9th through the early morning hours of the 10th. Large hail was associated with the stronger storms.

MIZ075>076

Washtenaw - Wayne

11 1300EST 0 0 30K High Wind (EG50)
1900EST

A strong cold front moved through the Great Lakes during the morning of the 11th. This front brought much cooler temperatures and strong winds to the area during the afternoon and evening. Detroit Metro Airport measured a 58 mph wind gust at 334 PM EDT. Wind gusts of 55 to 60 mph were estimated across much of Wayne and Washtenaw counties. The rest of Eastern Michigan generally had estimated wind gusts of 45 to 50 mph. The winds caused several trees to blow down across the area. In Riverview (Wayne County), the roof, sunroof, and windshield of a luxury car was damaged when a flagpole blew down on top of it. A light pole in Allen Park was blown down, which knocked the power out of a storm pump station. This resulted in the flooding of some overpasses in the city. A large tree fell on top of a parked vehicle in the city of Detroit. The strong winds were also blamed for a hydrochloric acid leak from Marsh Planting Corp. in Ypsilanti. Investigators concluded that the high winds ripped a chunk of the plant's roof loose, smashing it into a distribution pipe, which caused roughly 100 gallons of acid to leak out. The winds caused several thousand



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MICHIGAN, East

homes and businesses across the area to lose power.