

Storm Data and Unusual Weather Phenomena - June 2011

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]				
	06/08/11 23:30 EST	0		Marine Thunderstorm Wind (MG 54 kt)
	06/08/11 23:30 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]				
	06/09/11 00:10 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	06/09/11 00:10 EST	0		Source: C-MAN Station
PORT AUSTIN TO HARBOR BEACH MI COUNTY --- PORT HOPE [43.93, -82.72]				
	06/09/11 00:56 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	06/09/11 00:56 EST	0		Source: ASOS
PORT SANILAC TO PORT HURON MI COUNTY --- 4.9 SSE LAKEPORT [43.05, -82.45]				
	06/09/11 01:54 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/09/11 01:54 EST	0		Source: C-MAN Station
A severe thunderstorm moved through Saginaw Bay, with weaker storms impacting the Nearshore waters of Lake Huron.				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	06/21/11 21:40 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	06/21/11 21:40 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]				
	06/21/11 22:00 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	06/21/11 22:10 EST	0		Source: C-MAN Station
A thunderstorm moving through Saginaw Bay produced wind gusts around 50 mph.				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	06/22/11 15:00 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	06/22/11 15:00 EST	0		Source: C-MAN Station
PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- LAKEPORT [43.12, -82.48]				
	06/22/11 16:24 EST	0		Marine Thunderstorm Wind (EG 52 kt)
	06/22/11 16:24 EST	0		Source: Law Enforcement
A severe thunderstorm which took down trees in Lakeport tracked into Lake Huron.				
PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 2.8 S LAKEPORT [43.08, -82.49]				
	06/22/11 16:25 EST	0		Marine Hail (1.75 in)
	06/22/11 16:25 EST	0		Source: Public
A severe thunderstorm which produced golf ball size hail near Fort Gratiot moved into Lake Huron.				
PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 4.6 NNW PORT HURON [43.04, -82.45]				
	06/22/11 16:25 EST	0		Marine Thunderstorm Wind (EG 52 kt)
	06/22/11 16:25 EST	0		Source: Law Enforcement
A severe thunderstorm over Fort Gratiot tracked into Lake Huron.				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	06/22/11 16:30 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	06/22/11 16:30 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]				

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	06/22/11 17:00 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	06/22/11 17:00 EST		0	Source: C-MAN Station

A few strong to severe thunderstorms moved through Saginaw Bay and the nearshore waters of southern Lake Huron.

LAKE ST CLAIR

LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.0 SW NEW BALTIMORE [42.61, -82.83]				
	06/09/11 01:34 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	06/09/11 01:34 EST		0	Source: ASOS

LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.1 W METROPOLITAN BEACH [42.47, -82.88]				
	06/09/11 01:50 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	06/09/11 01:50 EST		0	Source: C-MAN Station

A thunderstorm moving through Lake St Clair produced wind gusts in excess of 40 mph.

ST CLAIR RIVER COUNTY --- ALGONAC [42.62, -82.53]				
	06/21/11 21:30 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	06/21/11 21:30 EST		0	Source: Law Enforcement

A severe thunderstorm over Algonac moved through the southern St. Clair River.

LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.0 E NEW BALTIMORE [42.68, -82.67]				
	06/21/11 21:31 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	06/21/11 21:31 EST		0	Source: Law Enforcement

A severe thunderstorm impacted far northern Lake St. Clair with estimated 60 mph winds.

A pair of severe thunderstorms moved through Lake St. Clair and St. Clair river.

MICHIGAN, East

MIDLAND COUNTY --- 0.9 SW OIL CITY [43.61, -84.59]				
	06/08/11 23:05 EST		0	Thunderstorm Wind (EG 52 kt)
	06/08/11 23:05 EST		0	Source: Law Enforcement

A tree was reported down.

BAY COUNTY --- 2.3 NNW BAY CITY MUNI ARPT [43.58, -83.92]				
	06/08/11 23:58 EST		0	Hail (1.00 in)
	06/08/11 23:58 EST		0	Source: Trained Spotter

BAY COUNTY --- 1.5 SSW BAY CITY [43.58, -83.89]				
	06/09/11 00:00 EST		0	Hail (0.75 in)
	06/09/11 00:00 EST		0	Source: Trained Spotter

BAY COUNTY --- BAY CITY [43.60, -83.88]				
	06/09/11 00:00 EST		0	Thunderstorm Wind (EG 56 kt)
	06/09/11 00:00 EST		0	Source: Broadcast Media

Large tree limbs and wires were reported down.

HURON COUNTY --- SEBEWAING [43.73, -83.45]				
	06/09/11 00:08 EST		50K	Thunderstorm Wind (EG 74 kt)
	06/09/11 00:08 EST		0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Dozens of trees and powerlines down.				
TUSCOLA COUNTY --- 0.5 E QUANICASSEE [43.58, -83.66]				
	06/09/11 00:08 EST		5K	Thunderstorm Wind (EG 61 kt)
	06/09/11 00:08 EST		0	Source: NWS Storm Survey
Trees and large tree limbs blown down.				
TUSCOLA COUNTY --- UNIONVILLE [43.65, -83.47]				
	06/09/11 00:10 EST		0	Thunderstorm Wind (EG 56 kt)
	06/09/11 00:10 EST		0	Source: NWS Storm Survey
A few trees and tree limbs were blown down.				
HURON COUNTY --- 4.5 W BAY PORT [43.84, -83.47]				
	06/09/11 00:11 EST		5K	Thunderstorm Wind (EG 56 kt)
	06/09/11 00:11 EST		0	Source: NWS Storm Survey
Numerous trees and tree limbs blown down.				
GENESEE COUNTY --- (FNT)BISHOP ARPT FLI [42.97, -83.75]				
	06/09/11 00:26 EST		0	Thunderstorm Wind (MG 66 kt)
	06/09/11 00:26 EST		0	Source: ASOS
GENESEE COUNTY --- 0.9 SW FLINT [43.02, -83.69]				
	06/09/11 00:26 EST		50K	Thunderstorm Wind (EG 63 kt)
	06/09/11 00:26 EST		0	Source: Law Enforcement
Trees and powerlines reported down across Flint and Genesee county.				
SANILAC COUNTY --- 3.6 SSW NEW GREENLEAF [43.60, -83.10]				
	06/09/11 00:33 EST		0	Thunderstorm Wind (EG 52 kt)
	06/09/11 00:33 EST		0	Source: Amateur Radio
An eight inch diameter tree was reported down.				
HURON COUNTY --- 40.9 ENE APLIN BEACH [43.80, -83.00]				
	06/09/11 00:37 EST		0	Thunderstorm Wind (EG 54 kt)
	06/09/11 00:37 EST		0	Source: Trained Spotter
A few large tree limbs were blown down.				
OAKLAND COUNTY --- 0.5 E (PTK)PONTIAC ARPT [42.67, -83.41]				
	06/09/11 01:04 EST		0	Thunderstorm Wind (MG 51 kt)
	06/09/11 01:04 EST		0	Source: ASOS
OAKLAND COUNTY --- 0.9 SW LAKE ORION [42.77, -83.24]				
	06/09/11 01:05 EST		0	Thunderstorm Wind (EG 52 kt)
	06/09/11 01:05 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
MACOMB COUNTY --- 3.0 E CADY [42.55, -82.92]				
	06/09/11 01:39 EST		0	Thunderstorm Wind (EG 61 kt)
	06/09/11 01:39 EST		0	Source: Trained Spotter
A trained spotter estimated a 70 mph thunderstorm wind gust.				
MONROE COUNTY --- 0.5 E PETERSBURG [41.90, -83.71]				
	06/09/11 01:40 EST		0	Hail (0.88 in)
	06/09/11 01:40 EST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONROE COUNTY --- 0.5 E PETERSBURG [41.90, -83.71]				
	06/09/11 01:40 EST		0	Thunderstorm Wind (MG 52 kt)
	06/09/11 01:40 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
WAYNE COUNTY --- 0.9 SE REDFORD HGTS [42.36, -83.24]				
	06/09/11 01:40 EST		0	Thunderstorm Wind (EG 56 kt)
	06/09/11 01:40 EST		0	Source: Trained Spotter
A trained spotter estimated a 65 mph thunderstorm wind gust.				
MONROE COUNTY --- 0.7 S IDA [41.91, -83.57]				
	06/09/11 01:51 EST		0	Hail (1.00 in)
	06/09/11 01:51 EST		0	Source: Trained Spotter
A cold front moving through around Midnight produced numerous severe thunderstorms across southeast Michigan, with a measured wind gust of 76 mph recorded in Flint.				
ST. CLAIR COUNTY --- MARYSVILLE [42.90, -82.48]				
	06/16/11 16:55 EST		5K	Thunderstorm Wind (EG 50 kt)
	06/16/11 16:55 EST		0	Source: Newspaper
Four power lines were brought down. Three of the lines fell onto lawns and the fourth was draped over a minivan.				
An isolated severe storm impacted Marysville.				
MONROE COUNTY --- 0.7 S TEMPERANCE [41.77, -83.57]				
	06/21/11 19:13 EST		0	Hail (0.75 in)
	06/21/11 19:13 EST		0	Source: Trained Spotter
MONROE COUNTY --- 1.7 NE ANTHONY [41.82, -83.63]				
	06/21/11 19:27 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 19:27 EST		0	Source: Trained Spotter
A two foot diameter tree was blown down across the road near the intersection of Rauch and Secor Roads.				
LENAWEE COUNTY --- 1.5 W CAMBRIDGE JCT [42.05, -84.25]				
	06/21/11 19:42 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 19:42 EST		0	Source: Law Enforcement
Several powerlines where reported down.				
SAGINAW COUNTY --- FREELAND [43.52, -84.12]				
	06/21/11 19:50 EST		0	Thunderstorm Wind (MG 54 kt)
	06/21/11 19:50 EST		0	Source: Law Enforcement
Several trees were blown down.				
SAGINAW COUNTY --- 1.0 W FREELAND [43.52, -84.14]				
	06/21/11 20:19 EST		0	Thunderstorm Wind (EG 55 kt)
	06/21/11 20:19 EST		0	Source: Amateur Radio
Large tree limbs and a large tree were reported blown down.				
SAGINAW COUNTY --- 0.7 N FREELAND [43.53, -84.12]				
	06/21/11 20:21 EST		0	Thunderstorm Wind (EG 56 kt)
	06/21/11 20:21 EST		0	Source: Trained Spotter
Several trees were reported blown down.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BAY COUNTY --- 5.0 SE AUBURN [43.55, -84.00]				
	06/21/11 20:40 EST		0	Thunderstorm Wind (EG 56 kt)
	06/21/11 20:40 EST		0	Source: Trained Spotter
A trained spotter estimated a 65 mph thunderstorm wind gust, which took down powerlines.				
SAGINAW COUNTY --- 0.7 N OAKLEY [43.14, -84.17]				
	06/21/11 20:43 EST		10K	Thunderstorm Wind (EG 70 kt)
	06/21/11 20:43 EST		0	Source: Amateur Radio
Multiple trees down across Saginaw County.				
BAY COUNTY --- 0.9 SW ESSEXVILLE [43.61, -83.84]				
	06/21/11 20:53 EST		0	Thunderstorm Wind (EG 54 kt)
	06/21/11 20:53 EST		0	Source: Law Enforcement
Several trees blown down.				
SAGINAW COUNTY --- 2.0 S SAGINAW [43.39, -83.97]				
	06/21/11 20:55 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 20:55 EST		0	Source: Trained Spotter
A large tree was reported blown down.				
LIVINGSTON COUNTY --- 0.9 NW HARTLAND [42.66, -83.76]				
	06/21/11 21:00 EST		0	Thunderstorm Wind (EG 56 kt)
	06/21/11 21:00 EST		0	Source: NWS Employee
Several trees were blown down.				
SHIAWASSEE COUNTY --- 1.5 E MORRICE [42.83, -84.15]				
	06/21/11 21:00 EST		10K	Thunderstorm Wind (EG 56 kt)
	06/21/11 21:00 EST		0	Source: Emergency Manager
Two large maple trees were blown down, along with vinyl siding off a home and large shed flipped over.				
GENESEE COUNTY --- 2.6 ESE DUFFIELD [42.91, -83.85]				
	06/21/11 21:21 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 21:21 EST		0	Source: Trained Spotter
Large tree limbs were reported down.				
ST. CLAIR COUNTY --- ALGONAC [42.62, -82.53]				
	06/21/11 21:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 21:30 EST		0	Source: Law Enforcement
Powerlines were reported down.				
ST. CLAIR COUNTY --- 0.7 N ANCHORVILLE [42.69, -82.68]				
	06/21/11 21:31 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 21:31 EST		0	Source: Law Enforcement
Powerlines were reported down.				
SAGINAW COUNTY --- 1.7 NNE HEMLOCK [43.44, -84.22], 2.5 N SHIELDS [43.46, -84.04], 2.6 ENE (MBS)TRI CITY APT SA [43.55, -84.04], 8.8 NW FREELAND [43.60, -84.26]				
	06/21/11 21:45 EST		0	Flash Flood (due to Heavy Rain)
	06/22/11 00:15 EST		0	Source: Law Enforcement
GoldFinch road was closed due flooding, 2 feet of water reported on roads.				

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LAPEER COUNTY --- 3.1 SSE IMLAY CITY [42.99, -83.05]				
	06/21/11 21:50 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 21:50 EST		0	Source: Law Enforcement
A tree was reported blown down.				
LAPEER COUNTY --- 1.2 NW MILLVILLE [43.11, -83.37]				
	06/21/11 21:53 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/11 21:53 EST		0	Source: Law Enforcement
A powerline was reported down.				
HURON COUNTY --- BAD AXE [43.80, -83.00]				
	06/21/11 22:15 EST		5K	Thunderstorm Wind (EG 55 kt)
	06/21/11 22:15 EST		0	Source: Trained Spotter
A large tree fell onto a house.				
ST. CLAIR COUNTY --- 1.2 SE PORT HURON ARPT [43.01, -82.43]				
	06/21/11 22:15 EST		3K	Thunderstorm Wind (EG 52 kt)
	06/21/11 22:15 EST		0	Source: Law Enforcement
Powerlines were reported down.				
ST. CLAIR COUNTY --- 1.6 WSW NORTH STREET [43.04, -82.55], 1.9 WSW BLAINE [43.11, -82.60], 1.4 SW BROCKWAY [43.06, -82.77], 0.3 ENE EMMETT SHARPE STRIP [42.95, -82.77]				
	06/21/11 22:15 EST		0	Flash Flood (due to Heavy Rain)
	06/22/11 00:15 EST		0	Source: Law Enforcement
Flooding reported on several roads.				
A batch of thunderstorms moving through during the evening hours produced scatter wind damage across southeast Michigan, along with flash flooding over Saginaw Bay and St. Clair counties where over 3 inches of rain fell in a short period.				
LENAWEE COUNTY --- 2.3 SSW CEMENT CITY [42.04, -84.35]				
	06/22/11 13:00 EST		0	Thunderstorm Wind (EG 50 kt)
	06/22/11 13:00 EST		0	Source: Broadcast Media
Tree limbs reported down.				
SHIAWASSEE COUNTY --- 0.7 S LAINGSBURG [42.89, -84.35]				
	06/22/11 13:20 EST		0	Hail (0.88 in)
	06/22/11 13:20 EST		0	Source: Broadcast Media
SAGINAW COUNTY --- 1.5 SSE SAGINAW [43.40, -83.96]				
	06/22/11 13:25 EST		0	Hail (0.88 in)
	06/22/11 13:25 EST		0	Source: Trained Spotter
SAGINAW COUNTY --- 1.5 SSE SAGINAW [43.40, -83.96]				
	06/22/11 13:25 EST		2K	Thunderstorm Wind (EG 54 kt)
	06/22/11 13:25 EST		0	Source: Trained Spotter
Numerous six to eight inch diameter trees reported down.				
SAGINAW COUNTY --- 1.5 SSE SAGINAW [43.40, -83.96]				
	06/22/11 13:30 EST		0	Hail (1.00 in)
	06/22/11 13:30 EST		0	Source: SHAVE Project
SAGINAW COUNTY --- 2.1 ENE BRIDGEPORT [43.38, -83.86]				

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	06/22/11 13:30 EST		0	Hail (0.88 in)
	06/22/11 13:30 EST		0	Source: SHAVE Project
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SAGINAW COUNTY --- 2.3 SSE SAGINAW [43.39, -83.95]				
	06/22/11 13:30 EST		0	Thunderstorm Wind (EG 56 kt)
	06/22/11 13:30 EST		0	Source: Trained Spotter
Two large trees reported down.				
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SHIAWASSEE COUNTY --- 0.7 N BYRON [42.83, -83.95]				
	06/22/11 13:38 EST		0	Thunderstorm Wind (EG 54 kt)
	06/22/11 13:38 EST		0	Source: Broadcast Media
A large tree was reported blown down.				
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BAY COUNTY --- 5.4 ESE BAY CITY MUNI ARPT [43.52, -83.80]				
	06/22/11 13:45 EST		0	Thunderstorm Wind (EG 53 kt)
	06/22/11 13:45 EST		0	Source: Broadcast Media
A large tree was uprooted.				
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GENESEE COUNTY --- 2.0 SW SWARTZ CREEK [42.93, -83.85]				
	06/22/11 13:56 EST		20K	Thunderstorm Wind (EG 61 kt)
	06/22/11 13:56 EST		0	Source: Trained Spotter
Many large trees blown down across roads and houses.				
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GENESEE COUNTY --- 0.9 SW FLINT [43.02, -83.69]				
	06/22/11 14:11 EST		0	Hail (0.75 in)
	06/22/11 14:11 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 2.1 NW OXBOW [42.65, -83.50]				
	06/22/11 14:20 EST		0	Thunderstorm Wind (MG 51 kt)
	06/22/11 14:20 EST		0	Source: Official NWS Observations
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HURON COUNTY --- SEBEWAING [43.73, -83.45]				
	06/22/11 14:34 EST		0	Thunderstorm Wind (EG 50 kt)
	06/22/11 14:34 EST		0	Source: Law Enforcement
Three to four inch diameter tree branches reported down.				
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OAKLAND COUNTY --- 1.2 NW CLARKSTON [42.74, -83.42]				
	06/22/11 14:36 EST		0	Hail (0.75 in)
	06/22/11 14:36 EST		0	Source: Trained Spotter
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LAPEER COUNTY --- 2.8 N HUNTERS CREEK [43.02, -83.28]				
	06/22/11 14:43 EST		10K	Thunderstorm Wind (EG 61 kt)
	06/22/11 14:43 EST		0	Source: Trained Spotter
A barn roof was blown off, along with numerous trees blown down.				
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TUSCOLA COUNTY --- 1.5 E FAIRGROVE [43.52, -83.52]				
	06/22/11 14:43 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/11 14:43 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust. Small tree branches were blown down .				
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MACOMB COUNTY --- 0.5 W WASHINGTON [42.72, -83.04]				
	06/22/11 15:00 EST		0	Hail (1.50 in)
	06/22/11 15:00 EST		0	Source: Trained Spotter

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MACOMB COUNTY --- 3.3 SW ARMADA [42.82, -82.92]				
	06/22/11 15:15 EST		0	Hail (1.00 in)
	06/22/11 15:15 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 0.9 SW ARMADA [42.84, -82.88]				
	06/22/11 15:20 EST		0	Hail (1.25 in)
	06/22/11 15:20 EST		0	Source: Broadcast Media
MACOMB COUNTY --- MEMPHIS [42.90, -82.75]				
	06/22/11 15:37 EST		0	Hail (1.00 in)
	06/22/11 15:37 EST		0	Source: Law Enforcement
WAYNE COUNTY --- 1.6 ENE HIGHLAND PARK [42.41, -83.14]				
	06/22/11 15:40 EST		0	Thunderstorm Wind (EG 56 kt)
	06/22/11 15:40 EST		0	Source: Broadcast Media
Several downed trees on the west side of Detroit.				
GENESEE COUNTY --- 2.1 WSW SWARTZ CREEK [42.94, -83.86]				
	06/22/11 15:44 EST		0	Thunderstorm Wind (MG 64 kt)
	06/22/11 15:44 EST		0	Source: Amateur Radio
GENESEE COUNTY --- 0.9 SW FLINT [43.02, -83.69]				
	06/22/11 15:45 EST		0	Thunderstorm Wind (MG 65 kt)
	06/22/11 15:45 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 1.4 S BERKLEY [42.48, -83.17]				
	06/22/11 15:46 EST		10K	Thunderstorm Wind (EG 56 kt)
	06/22/11 15:46 EST		0	Source: Amateur Radio
A large tree fell onto a car.				
SAGINAW COUNTY --- 0.9 NE BURT [43.24, -83.91]				
	06/22/11 15:46 EST		0	Thunderstorm Wind (MG 54 kt)
	06/22/11 15:46 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 1.2 SE ELMCREST [43.09, -83.65]				
	06/22/11 15:50 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/11 15:50 EST		0	Source: Trained Spotter
Several large tree limbs reported down.				
SAGINAW COUNTY --- 0.5 E FRANKENMUTH [43.33, -83.74]				
	06/22/11 15:58 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/11 15:58 EST		0	Source: Amateur Radio
A large tree limb was blown down.				
BAY COUNTY --- 1.5 SSW BAY CITY [43.58, -83.89]				
	06/22/11 16:00 EST		0	Thunderstorm Wind (EG 53 kt)
	06/22/11 16:00 EST		0	Source: Law Enforcement
Large tree limbs were reported blown down.				
MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]				
	06/22/11 16:10 EST		0	Thunderstorm Wind (EG 56 kt)
	06/22/11 16:10 EST		0	Source: Trained Spotter

A trained spotter estimated 65 mph thunderstorm wind gust.

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WASHTENAW COUNTY --- 0.7 N YPSILANTI [42.24, -83.62]				
	06/22/11 16:20 EST		10K	Thunderstorm Wind (EG 56 kt)
	06/22/11 16:20 EST		0	Source: Law Enforcement
A large tree was uprooted and fell onto a house.				
ST. CLAIR COUNTY --- 1.0 W LAKEPORT [43.12, -82.50]				
	06/22/11 16:24 EST		15K	Thunderstorm Wind (EG 56 kt)
	06/22/11 16:24 EST		0	Source: Law Enforcement
Trees and powerlines reported down.				
ST. CLAIR COUNTY --- 0.9 NW GARDENDALE [43.04, -82.49]				
	06/22/11 16:25 EST		0	Hail (1.75 in)
	06/22/11 16:25 EST		0	Source: Public
ST. CLAIR COUNTY --- 1.2 SE PORT HURON ARPT [43.01, -82.43]				
	06/22/11 16:25 EST		12K	Thunderstorm Wind (EG 65 kt)
	06/22/11 16:25 EST		0	Source: NWS Storm Survey
A NWS storm survey team determined the damage produced in Fort Gratiot was a result of straight line winds estimated up to 75 mph. The damage occurred along a 200 yard section of Keewahdin road and included: a shed that was blown over, a car which was moved in a parking lot, two wooden powerline poles that were partially snapped and downed tree limbs from two hardwood trees.				
LAPEER COUNTY --- 4.0 NNW ALMONT [42.97, -83.06]				
	06/22/11 16:40 EST		0	Thunderstorm Wind (EG 54 kt)
	06/22/11 16:40 EST		0	Source: Trained Spotter
Small trees were reported blown down.				
ST. CLAIR COUNTY --- 2.8 ENE YALE [43.14, -82.73], 3.9 NE JEDDO [43.19, -82.51], 1.1 ESE PORT HURON ARPT [43.01, -82.43], 1.9 NNE THORNTON [42.99, -82.58]				
	06/22/11 17:00 EST		50K	Flood (due to Heavy Rain)
	06/23/11 14:00 EST		0	Source: Law Enforcement
Central dispatch reported numerous roads closed and washed out. There was a substantial amount of flooding in Burtchville, Fort Gratiot, and the northeastern townships. Up to 100 homes received some form of flood damage, as the rain overwhelmed the drainage system.				
MACOMB COUNTY --- 0.5 W MEADE [42.72, -82.88]				
	06/22/11 17:17 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/11 17:17 EST		0	Source: Law Enforcement
A tree was reported blown down.				
MACOMB COUNTY --- 2.3 SSE MT CLEMENS [42.55, -82.85]				
	06/22/11 17:30 EST		0	Thunderstorm Wind (EG 54 kt)
	06/22/11 17:30 EST		0	Source: Law Enforcement
A tree was reported blown down.				
ST. CLAIR COUNTY --- 0.4 N PORT HURON ARPT [43.02, -82.45]				
	06/22/11 17:54 EST		0	Lightning
	06/22/11 17:54 EST	1	0	Source: Fire Department/Rescue

A 30 year old woman was struck by lightning as she tried to enter her automobile. She become unconscious and was not breathing. CPR was performed. She was transported to the hospital and did survive.

A very moist unstable airmass was in place across southeast Michigan as a warm front had passed through the area the previous night. Storms developed out to the west along a cold front and moved through the area as an organized line of storms during the afternoon hours. Numerous reports of tree damage were associated with the damaging wind gusts, with a few reports of large hail. Heavy rain produced flooding in St. Clair County which continued during the overnight hours.

Storm Data and Unusual Weather Phenomena - June 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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OAKLAND COUNTY --- 3.0 SE PERRY LAKE HGTS [42.80, -83.36]				
	06/29/11 01:30 EST		10K	Lightning
	06/29/11 01:30 EST		0	Source: Amateur Radio

Lightning struck a house, which blew a hole in the roof and siding.