

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 4.3 SSW DETROIT RIVER LIGHT [42.04, -83.22]				
	07/01/12 16:17 EST	0		Marine Hail (1.00 in)
	07/01/12 16:17 EST	0		Source: Public
A thunderstorm producing one inch hail moved into Western Lake Erie.				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 2.0 E DETROIT RIVER LIGHT [42.10, -83.16]				
	07/05/12 04:40 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/05/12 04:40 EST	0		Source: AWOS
A thunderstorm moving into Lake Erie produced a 46 mph thunderstorm wind gust.				
LAKE HURON				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 6.5 ENE POINT AU GRES [44.02, -83.54]				
	07/17/12 17:00 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/17/12 17:00 EST	0		Source: C-MAN Station
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	07/17/12 17:20 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/17/12 17:20 EST	0		Source: C-MAN Station
Thunderstorms moving through Saginaw Bay produced wind gusts in excess of 40 mph.				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	07/25/12 22:09 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/25/12 22:09 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]				
	07/25/12 22:22 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	07/25/12 22:22 EST	0		Source: C-MAN Station
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	07/25/12 23:20 EST	0		Marine Thunderstorm Wind (MG 51 kt)
	07/25/12 23:20 EST	0		Source: C-MAN Station
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	07/25/12 23:40 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/25/12 23:40 EST	0		Source: C-MAN Station
PORT SANILAC TO PORT HURON MI COUNTY --- LEXINGTON [43.27, -82.53]				
	07/26/12 00:05 EST	0		Marine Thunderstorm Wind (MG 56 kt)
	07/26/12 00:05 EST	0		Source: Law Enforcement
A thunderstorm which blew down trees over Lexington moved into Lake Huron.				
Thunderstorms moving through Saginaw Bay produced wind gusts up to around 60 mph.				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	07/31/12 00:08 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/31/12 00:08 EST	0		Source: C-MAN Station
A thunderstorm moving through Inner Saginaw produced a 43 mph thunderstorm wind gust.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ST CLAIR				
DETROIT RIVER COUNTY --- 3.5 S DETROIT RIVER LIGHT [42.05, -83.19]				
	07/01/12 17:13 EST	0		Marine Hail (1.00 in)
	07/01/12 17:13 EST	0		Source: Public
A thunderstorm producing one inch hail moved over the Detroit River.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	07/03/12 09:10 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	07/03/12 09:10 EST	0		Source: C-MAN Station
A thunderstorm moving into Lake St. Clair produced a 54 mph wind gust.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- ST CLAIR SHORES [42.47, -82.88]				
	07/03/12 16:50 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/03/12 16:50 EST	0		Source: C-MAN Station
A thunderstorm moving into Lake St. Clair produced a 40 mph wind gust.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.0 N GROSSE POINTE [42.37, -82.93]				
	07/04/12 18:10 EST	0		Marine Hail (1.00 in)
	07/04/12 18:10 EST	0		Source: Trained Spotter
DETROIT RIVER COUNTY --- 2.0 NNE WYANDOTTE [42.23, -83.16]				
	07/04/12 18:35 EST	0		Marine Thunderstorm Wind (EG 43 kt)
	07/04/12 18:35 EST	0		Source: Trained Spotter
A spotter estimated a 50 mph thunderstorm wind gust.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 2.2 NNE GROSSE POINTE [42.41, -82.89]				
	07/04/12 18:35 EST	0		Marine Thunderstorm Wind (EG 35 kt)
	07/04/12 18:35 EST	0		Source: Trained Spotter
A spotter estimated a 40 mph thunderstorm wind gust.				
DETROIT RIVER COUNTY --- 2.0 E DETROIT RIVER LIGHT [42.10, -83.16]				
	07/04/12 19:14 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/04/12 19:14 EST	0		Source: AWOS
A thunderstorm moving into Lake St. Clair produced large hail, while additional thunderstorms produced strong wind gusts.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.0 N GROSSE POINTE [42.47, -82.91]				
	07/05/12 04:03 EST	0		Marine Thunderstorm Wind (EG 56 kt)
	07/05/12 04:03 EST	0		Source: Broadcast Media
A thunderstorm which downed trees and power lines moved into Lake St. Clair.				
A severe thunderstorm moved into Lake St. Clair.				
ST CLAIR RIVER COUNTY --- 1.2 NW MARYSVILLE [42.91, -82.50]				
	07/15/12 14:04 EST	0		Marine Hail (1.00 in)
	07/15/12 14:04 EST	0		Source: Trained Spotter
A thunderstorm which produced 1 inch hail move into the Lake St. Clair River.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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MICHIGAN, East

(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (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

07/01/12 12:00 EST			0	Heat
07/07/12 22:00 EST	75		0	

An extended heat wave gripped southeast Michigan during the first week of July, with temperatures topping out around 100 degrees on multiple days. In fact, Detroit set a record high on July 4th, reaching 102 degrees. Heat indices peaked our around 110 degrees on July 4th and July 6th. Although no known heat deaths were reported, over 700 heat related emergency room visits were reported statewide.

MONROE COUNTY --- 0.7 S SOUTH ROCKWOOD [42.06, -83.25]

07/01/12 16:06 EST			0	Hail (1.00 in)
07/01/12 16:06 EST			0	Source: Trained Spotter

MONROE COUNTY --- 2.6 SE SOUTH ROCKWOOD [42.04, -83.22]

07/01/12 16:17 EST			0	Hail (1.00 in)
07/01/12 16:17 EST			0	Source: Public

WASHTENAW COUNTY --- 0.9 NE WILLIS DOWNWIND FLD [42.16, -83.56]

07/01/12 16:36 EST			0	Thunderstorm Wind (EG 54 kt)
07/01/12 16:36 EST			0	Source: Emergency Manager

Several trees and large tree limbs reported down.

WAYNE COUNTY --- 2.2 WNW WEST SUMPTER [42.13, -83.54]

07/01/12 16:42 EST			0	Hail (1.00 in)
07/01/12 16:42 EST			0	Source: Trained Spotter

WAYNE COUNTY --- 2.2 WNW WEST SUMPTER [42.13, -83.54]

07/01/12 16:42 EST			0	Thunderstorm Wind (EG 50 kt)
07/01/12 16:42 EST			0	Source: Trained Spotter

Several large tree limbs reported down.

LENAWEЕ COUNTY --- 3.8 NE CADMUS [41.91, -84.12]

07/01/12 16:48 EST			0	Thunderstorm Wind (EG 50 kt)
07/01/12 16:48 EST			0	Source: Law Enforcement

A tree was reported blown down.

LENAWEЕ COUNTY --- 0.5 W ADRIAN [41.90, -84.04]

07/01/12 16:52 EST			0	Thunderstorm Wind (EG 50 kt)
07/01/12 16:52 EST			0	Source: Law Enforcement

A tree was reported down.

WAYNE COUNTY --- 0.5 W WALTZ [42.10, -83.39]

07/01/12 16:54 EST			2K	Hail (1.75 in)
07/01/12 16:54 EST			0	Source: Trained Spotter

Hail damage to cars, including broken windows.

WAYNE COUNTY --- 2.0 E WALTZ [42.10, -83.34]

07/01/12 16:56 EST			0	Hail (1.75 in)
07/01/12 16:56 EST			0	Source: Trained Spotter

MONROE COUNTY --- 0.9 SE SOUTH ROCKWOOD [42.06, -83.24]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/01/12 17:07 EST		0	Hail (1.75 in)
	07/01/12 17:07 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- 0.5 E EAST ROCKWOOD [42.05, -83.19]				
	07/01/12 17:13 EST		0	Hail (1.00 in)
	07/01/12 17:13 EST		0	Source: Public
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MONROE COUNTY --- 0.5 E MONROE [41.92, -83.39]				
	07/01/12 17:44 EST		0	Hail (0.75 in)
	07/01/12 17:44 EST		0	Source: Trained Spotter
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Severe thunderstorms south of Eight Mile Road produced both large hail and wind damage.				
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SAGINAW COUNTY --- 0.7 N MARION SPGS [43.24, -84.33]				
	07/03/12 04:05 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 04:05 EST		0	Source: Broadcast Media
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A large tree was reported down.				
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SAGINAW COUNTY --- 2.5 ENE LAYTON CORNERS [43.19, -83.93]				
	07/03/12 04:45 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/03/12 04:45 EST		0	Source: Law Enforcement
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Trees and a utility pole were blown down.				
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GENESEE COUNTY --- 1.0 E (FNT)BISHOP ARPT FLI [42.97, -83.73]				
	07/03/12 04:57 EST		0	Hail (1.75 in)
	07/03/12 04:57 EST		0	Source: Law Enforcement
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GENESEE COUNTY --- 2.5 E FLINT DALTONS ARPT [43.05, -83.73]				
	07/03/12 04:57 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 04:57 EST		0	Source: Law Enforcement
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Eight inch diameter trees reported down.				
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GENESEE COUNTY --- 2.0 NW GRAND BLANC [42.94, -83.65]				
	07/03/12 05:01 EST		0	Hail (1.75 in)
	07/03/12 05:01 EST		0	Source: Amateur Radio
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GENESEE COUNTY --- 2.0 NW GRAND BLANC [42.94, -83.65]				
	07/03/12 05:01 EST		0	Thunderstorm Wind (EG 61 kt)
	07/03/12 05:01 EST		0	Source: Amateur Radio
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A spotter estimated a 70 mph thunderstorm wind gust.				
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GENESEE COUNTY --- 2.0 E (FNT)BISHOP ARPT FLI [42.97, -83.71]				
	07/03/12 05:02 EST		0	Thunderstorm Wind (MG 61 kt)
	07/03/12 05:02 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- OXFORD [42.82, -83.27]				
	07/03/12 05:40 EST		0	Hail (1.50 in)
	07/03/12 05:40 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- OXFORD [42.82, -83.27]				
	07/03/12 05:40 EST		0	Thunderstorm Wind (EG 55 kt)
	07/03/12 05:40 EST		0	Source: Trained Spotter

Large trees were reported blown down.

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MACOMB COUNTY --- 0.7 ESE WALDENBURG [42.67, -82.92]				
	07/03/12 09:00 EST		15K	Lightning
	07/03/12 09:00 EST		0	Source: Newspaper
Lightning struck a home and caused a fire in the attic.				
MACOMB COUNTY --- 1.1 ESE WALDENBURG [42.67, -82.91]				
	07/03/12 09:01 EST		15K	Lightning
	07/03/12 09:01 EST		0	Source: Newspaper
Lightning struck a home and caused a fire in the attic.				
MACOMB COUNTY --- 1.8 SSE WALDENBURG [42.65, -82.92]				
	07/03/12 09:02 EST		15K	Lightning
	07/03/12 09:02 EST		0	Source: Newspaper
Lightning struck a home and caused a fire in the attic.				
MACOMB COUNTY --- 0.9 SE CADY [42.54, -82.97]				
	07/03/12 09:05 EST		0	Hail (1.00 in)
	07/03/12 09:05 EST		0	Source: Trained Spotter
SAGINAW COUNTY --- 1.2 NE MERRILL [43.41, -84.31]				
	07/03/12 11:05 EST		0	Thunderstorm Wind (EG 56 kt)
	07/03/12 11:05 EST		0	Source: Trained Spotter
Numerous trees and branches reported down.				
A few severe thunderstorms developed during the morning hours.				
LIVINGSTON COUNTY --- 2.1 SW BRIGHTON HYNE ARPT [42.55, -83.81]				
	07/03/12 14:34 EST		0	Hail (0.88 in)
	07/03/12 14:34 EST		0	Source: Trained Spotter
LIVINGSTON COUNTY --- 2.1 SW BRIGHTON HYNE ARPT [42.55, -83.81]				
	07/03/12 14:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/12 14:34 EST		0	Source: Trained Spotter
Several 3 to 4 inch diameter tree limbs were blown down.				
LIVINGSTON COUNTY --- 0.5 W BRIGHTON [42.53, -83.78]				
	07/03/12 14:36 EST		0	Hail (0.75 in)
	07/03/12 14:36 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 1.0 W NEW HUDSON [42.52, -83.62]				
	07/03/12 14:51 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/12 14:51 EST		0	Source: Trained Spotter
Three inch diameter tree branches reported down.				
GENESEE COUNTY --- 2.4 ESE GOODRICH [42.91, -83.45]				
	07/03/12 15:00 EST		0	Hail (0.75 in)
	07/03/12 15:00 EST		0	Source: SHAVE Project
GENESEE COUNTY --- 2.0 W ATLAS [42.93, -83.57]				
	07/03/12 15:03 EST		0	Hail (1.00 in)
	07/03/12 15:03 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 2.6 WNW SALEM ARPT [42.43, -83.65]				

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	07/03/12 15:07 EST		0	Hail (1.75 in)
	07/03/12 15:07 EST		0	Source: Law Enforcement
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GENESEE COUNTY --- 0.9 N GOODRICH [42.93, -83.50]				
	07/03/12 15:10 EST		0	Hail (0.75 in)
	07/03/12 15:10 EST		0	Source: SHAVE Project
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GENESEE COUNTY --- 2.9 NE GOODRICH [42.95, -83.46]				
	07/03/12 15:15 EST		0	Hail (1.75 in)
	07/03/12 15:15 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 2.7 NE GRAND BLANC [42.95, -83.58]				
	07/03/12 15:20 EST		0	Hail (1.00 in)
	07/03/12 15:20 EST		0	Source: SHAVE Project
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GENESEE COUNTY --- 2.9 NE GOODRICH [42.95, -83.46]				
	07/03/12 15:25 EST		0	Hail (1.75 in)
	07/03/12 15:25 EST		0	Source: SHAVE Project
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GENESEE COUNTY --- 2.9 NE GRAND BLANC [42.95, -83.58]				
	07/03/12 15:25 EST		0	Hail (0.88 in)
	07/03/12 15:25 EST		0	Source: SHAVE Project
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GENESEE COUNTY --- 2.5 WNW ATLAS [42.95, -83.57]				
	07/03/12 15:30 EST		0	Hail (0.88 in)
	07/03/12 15:30 EST		0	Source: SHAVE Project
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GENESEE COUNTY --- 2.5 WNW ATLAS [42.95, -83.57]				
	07/03/12 15:30 EST		0	Hail (1.00 in)
	07/03/12 15:30 EST		0	Source: SHAVE Project
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GENESEE COUNTY --- 0.9 NW SWARTZ CREEK [42.96, -83.83]				
	07/03/12 15:32 EST		0	Hail (1.00 in)
	07/03/12 15:32 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 2.5 E RANKIN [42.92, -83.68]				
	07/03/12 15:45 EST		0	Hail (0.75 in)
	07/03/12 15:45 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- COVENTRY GARDENS [42.40, -83.37]				
	07/03/12 15:47 EST		0	Hail (0.88 in)
	07/03/12 15:47 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 1.7 WSW ROCHESTER HILLS [42.67, -83.16]				
	07/03/12 16:15 EST		0	Thunderstorm Wind (EG 54 kt)
	07/03/12 16:15 EST		0	Source: Law Enforcement
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Several trees and large tree limbs were reported down.				
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WASHTENAW COUNTY --- 2.3 NNW LYNDON CENTER [42.41, -84.10]				
	07/03/12 16:17 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 16:17 EST		0	Source: Law Enforcement
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Large tree limbs reported down.				
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MACOMB COUNTY --- 0.5 E WALDENBURG [42.67, -82.92]				
	07/03/12 16:18 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/12 16:18 EST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Small tree limbs were reported down.				
MACOMB COUNTY --- 1.5 NNE CHESTERFIELD [42.69, -82.82]				
	07/03/12 16:21 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/12 16:21 EST		0	Source: Trained Spotter
Four to five inch diameter tree limbs reported down.				
MACOMB COUNTY --- 1.2 NW ANCHOR BAY GARDENS [42.66, -82.80]				
	07/03/12 16:25 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 16:25 EST		0	Source: Trained Spotter
Several trees and large tree limbs blown down.				
MACOMB COUNTY --- 0.9 NE CHESTERFIELD [42.68, -82.82]				
	07/03/12 16:26 EST		20K	Thunderstorm Wind (EG 54 kt)
	07/03/12 16:26 EST		0	Source: Trained Spotter
A few trees were uprooted, one of which fell onto a home and automobile.				
MACOMB COUNTY --- 1.5 NNW (MTC)MT CLEMENS/SELF [42.62, -82.84]				
	07/03/12 16:28 EST		0	Thunderstorm Wind (MG 57 kt)
	07/03/12 16:28 EST		0	Source: ASOS
OAKLAND COUNTY --- 2.1 NNE WIXOM SPENCER ARPT [42.55, -83.54]				
	07/03/12 16:29 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 16:29 EST		0	Source: Trained Spotter
Several large tree limbs reported down.				
MACOMB COUNTY --- 1.2 SW UTICA ARPT [42.66, -82.99]				
	07/03/12 16:53 EST		0	Hail (1.00 in)
	07/03/12 16:53 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 1.4 S UTICA [42.63, -83.03]				
	07/03/12 16:53 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 16:53 EST		0	Source: Trained Spotter
A large tree was blown down.				
OAKLAND COUNTY --- 1.5 SSW ORTONVILLE [42.83, -83.44]				
	07/03/12 16:59 EST		0	Hail (1.00 in)
	07/03/12 16:59 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 2.0 SE PERRY LAKE HGTS [42.81, -83.37]				
	07/03/12 17:06 EST		0	Thunderstorm Wind (MG 52 kt)
	07/03/12 17:06 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 1.2 NE YPSILANTI MCENNAN FL [42.21, -83.61]				
	07/03/12 17:10 EST		0	Hail (1.00 in)
	07/03/12 17:10 EST		0	Source: Public
WASHTENAW COUNTY --- 2.2 ENE ANN ARBOR ARPT [42.23, -83.69]				
	07/03/12 17:10 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 17:10 EST		0	Source: Emergency Manager
An eight inch diameter tree was reported down by the exit ramp of U.S. 23 and U.S. 12.				
MACOMB COUNTY --- 0.7 S DISCO [42.67, -83.03]				

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	07/03/12 17:15 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/12 17:15 EST		0	Source: Trained Spotter
Tree branches were reported down.				
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MONROE COUNTY --- 2.8 N SOUTH ROCKWOOD ARPT [42.07, -83.31]				
	07/03/12 17:40 EST		5K	Thunderstorm Wind (EG 54 kt)
	07/03/12 17:40 EST		0	Source: Law Enforcement
Trees and power lines reported blown down.				
Severe thunderstorms developed during the late afternoon hours, impacting areas mostly along the M-59 corridor.				
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MACOMB COUNTY --- 1.7 NE CENTER LINE [42.49, -83.01]				
	07/04/12 17:00 EST		0	Hail (1.25 in)
	07/04/12 17:00 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 1.7 NE CENTER LINE [42.49, -83.01]				
	07/04/12 17:01 EST		0	Hail (1.75 in)
	07/04/12 17:01 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 0.7 S CENTER LINE [42.46, -83.03]				
	07/04/12 17:04 EST		0	Hail (1.00 in)
	07/04/12 17:04 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 2.1 NW OXBOW [42.65, -83.50]				
	07/04/12 17:07 EST		0	Hail (1.00 in)
	07/04/12 17:07 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 1.4 N HUNTINGTON WOODS [42.50, -83.12]				
	07/04/12 17:18 EST		0	Thunderstorm Wind (EG 52 kt)
	07/04/12 17:18 EST		0	Source: Amateur Radio
Trees reported down across 12 Mile Road.				
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OAKLAND COUNTY --- 2.1 NW OXBOW [42.65, -83.50]				
	07/04/12 17:20 EST		30K	Lightning
	07/04/12 17:20 EST		0	Source: Law Enforcement
Lightning struck a house and set it on fire on the south side of White Lake.				
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OAKLAND COUNTY --- 2.5 SE CLAWSON [42.51, -83.09]				
	07/04/12 17:20 EST		0	Hail (0.75 in)
	07/04/12 17:20 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 1.7 NE HUNTINGTON WOODS [42.50, -83.10]				
	07/04/12 17:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/12 17:26 EST		0	Source: Trained Spotter
Two to three inch diameter tree limbs reported down.				
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OAKLAND COUNTY --- 1.0 W UNION LAKE [42.62, -83.45]				
	07/04/12 17:30 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/04/12 17:30 EST		0	Source: Trained Spotter
A tree was reported blown down, along with wires across a road.				
<hr/>				
OAKLAND COUNTY --- 1.0 W HAZEL PARK [42.47, -83.15]				
	07/04/12 17:34 EST		0	Hail (1.75 in)
	07/04/12 17:34 EST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OAKLAND COUNTY --- 1.4 S BERKLEY [42.48, -83.17]				
	07/04/12 17:36 EST	0		Hail (1.00 in)
	07/04/12 17:36 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 1.0 W HAZEL PARK [42.47, -83.15]				
	07/04/12 17:37 EST	0		Hail (1.00 in)
	07/04/12 17:37 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 0.9 SW HAZEL PARK [42.46, -83.14]				
	07/04/12 17:40 EST	0		Hail (1.00 in)
	07/04/12 17:40 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 1.0 W ROYAL OAK [42.48, -83.15]				
	07/04/12 17:40 EST	0		Hail (1.50 in)
	07/04/12 17:40 EST	0		Source: NWS Employee
OAKLAND COUNTY --- 1.5 NNW ROYAL OAK TOWNSHIP [42.47, -83.16]				
	07/04/12 17:40 EST	0		Hail (1.75 in)
	07/04/12 17:40 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 1.7 WNW ROYAL OAK TOWNSHIP [42.46, -83.18]				
	07/04/12 17:43 EST	0		Hail (1.75 in)
	07/04/12 17:43 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 1.4 S BERKLEY [42.48, -83.17]				
	07/04/12 17:45 EST	0		Hail (1.25 in)
	07/04/12 17:45 EST	0		Source: Trained Spotter
WAYNE COUNTY --- 2.8 N HIGHLAND PARK [42.44, -83.16]				
	07/04/12 17:46 EST	0		Hail (1.75 in)
	07/04/12 17:46 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 0.7 S HAZEL PARK [42.46, -83.13]				
	07/04/12 17:50 EST	0		Hail (1.00 in)
	07/04/12 17:59 EST	0		Source: Trained Spotter
MACOMB COUNTY --- 14.3 SSW VAN DYKE [42.26, -83.13]				
	07/04/12 17:52 EST	0		Hail (1.75 in)
	07/04/12 17:52 EST	0		Source: Broadcast Media
OAKLAND COUNTY --- 1.7 NE HUNTINGTON WOODS [42.50, -83.10]				
	07/04/12 17:55 EST	0		Hail (1.00 in)
	07/04/12 17:55 EST	0		Source: Public
OAKLAND COUNTY --- 1.7 WNW ORCHARD LAKE VLG [42.56, -83.36]				
	07/04/12 18:05 EST	0		Hail (1.00 in)
	07/04/12 18:05 EST	0		Source: Trained Spotter
MACOMB COUNTY --- 2.1 NNE PLEASANT RIDGE [42.51, -83.06]				
	07/04/12 18:10 EST	0		Hail (1.00 in)
	07/04/12 18:10 EST	0		Source: Public
WAYNE COUNTY --- 0.7 N GROSSE PT PARK [42.38, -82.92]				
	07/04/12 18:10 EST	0		Hail (1.00 in)
	07/04/12 18:10 EST	0		Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<hr/>				
OAKLAND COUNTY --- 2.9 SW NORTH FARMINGTON [42.50, -83.41]	07/04/12 18:15 EST		0	Hail (0.75 in)
	07/04/12 18:15 EST		0	Source: Trained Spotter
<hr/>				
MACOMB COUNTY --- 1.7 NE CENTER LINE [42.49, -83.01]	07/04/12 18:19 EST		0	Hail (1.00 in)
	07/04/12 18:19 EST		0	Source: Trained Spotter
<hr/>				
MACOMB COUNTY --- 1.5 SSE WARREN [42.50, -82.99]	07/04/12 18:25 EST		0	Hail (1.75 in)
	07/04/12 18:25 EST		0	Source: Trained Spotter
<hr/>				
MACOMB COUNTY --- 0.5 W EAST DETROIT [42.47, -82.94]	07/04/12 18:27 EST		0	Hail (1.00 in)
	07/04/12 18:27 EST		0	Source: Trained Spotter
<hr/>				
OAKLAND COUNTY --- 0.9 SW ORCHARD LAKE VLG [42.54, -83.34]	07/04/12 18:27 EST		0	Hail (1.00 in)
	07/04/12 18:27 EST		0	Source: Trained Spotter
<hr/>				
WAYNE COUNTY --- 0.9 SE LINCOLN PARK [42.22, -83.16]	07/04/12 18:40 EST		0	Thunderstorm Wind (EG 52 kt)
	07/04/12 18:40 EST		0	Source: Trained Spotter
<hr/>				
Eight to ten inch diameter limbs down on Kings Highway.				
Severe storms impacted the Detroit Metro Area.				
<hr/>				
SHIAWASSEE COUNTY --- CORUNNA [42.98, -84.12]	07/05/12 02:35 EST		50K	Thunderstorm Wind (EG 59 kt)
	07/05/12 02:35 EST		0	Source: Law Enforcement
<hr/>				
Trees and power lines reported down across the county.				
<hr/>				
SAGINAW COUNTY --- 2.0 SW CHESANING [43.16, -84.15]	07/05/12 02:45 EST		25K	Thunderstorm Wind (EG 59 kt)
	07/05/12 02:45 EST		0	Source: Law Enforcement
<hr/>				
Trees and power lines reported down across southwest Saginaw county.				
<hr/>				
GENESEE COUNTY --- 0.9 SW FLUSHING [43.06, -83.84]	07/05/12 03:04 EST		15K	Thunderstorm Wind (EG 61 kt)
	07/05/12 03:04 EST		0	Source: NWS Employee
<hr/>				
Trees down throughout the city, along with numerous power lines down.				
<hr/>				
GENESEE COUNTY --- 0.5 W GAINES [42.87, -83.91]	07/05/12 03:07 EST		0	Thunderstorm Wind (EG 50 kt)
	07/05/12 03:07 EST		0	Source: Trained Spotter
<hr/>				
Three to four inch diameter trees were reported blown down.				
<hr/>				
OAKLAND COUNTY --- 0.7 N HOLLY [42.81, -83.62]	07/05/12 03:12 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/05/12 03:12 EST		0	Source: Trained Spotter
<hr/>				
A five inch diameter tree branch fell onto a porch.				
<hr/>				
LIVINGSTON COUNTY --- 1.3 SSW HOWELL ARPT [42.61, -83.99]				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/05/12 03:14 EST		0	Thunderstorm Wind (EG 56 kt)
	07/05/12 03:14 EST		0	Source: NWS Employee
Two large trees reported down.				
<hr/>				
LIVINGSTON COUNTY --- 1.7 NE HOWELL [42.62, -83.91]				
	07/05/12 03:16 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:16 EST		0	Source: NWS Employee
Large tree limbs reported down.				
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LIVINGSTON COUNTY --- 2.9 NE HOWELL [42.63, -83.89]				
	07/05/12 03:17 EST		0	Thunderstorm Wind (EG 62 kt)
	07/05/12 03:17 EST		0	Source: NWS Employee
Two trees reported down.				
<hr/>				
GENESEE COUNTY --- 1.5 SSE BELSAY [43.00, -83.62]				
	07/05/12 03:20 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/05/12 03:20 EST		0	Source: Trained Spotter
A large tree and wires reported down, as well as snapped power poles.				
<hr/>				
GENESEE COUNTY --- 0.9 SW FLINT [43.02, -83.69]				
	07/05/12 03:23 EST		0	Thunderstorm Wind (MG 56 kt)
	07/05/12 03:23 EST		0	Source: ASOS
<hr/>				
LAPEER COUNTY --- HADLEY [42.95, -83.40]				
	07/05/12 03:28 EST		10K	Thunderstorm Wind (EG 58 kt)
	07/05/12 03:28 EST		0	Source: Law Enforcement
Trees and power lines down throughout Hadley Area.				
<hr/>				
OAKLAND COUNTY --- 2.0 W OXBOW [42.63, -83.51]				
	07/05/12 03:30 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/05/12 03:30 EST		0	Source: Law Enforcement
A sixteen inch diameter tree fell onto 2 cars and a house.				
<hr/>				
LIVINGSTON COUNTY --- 0.5 W BRIGHTON [42.53, -83.78]				
	07/05/12 03:32 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:32 EST		0	Source: Amateur Radio
A tree was reported down at Crooked Lake and Door roads.				
<hr/>				
OAKLAND COUNTY --- 0.7 N WALLED LAKE [42.54, -83.48]				
	07/05/12 03:32 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:32 EST		0	Source: Trained Spotter
Numerous large tree branches and a few small trees reported down.				
<hr/>				
OAKLAND COUNTY --- 0.9 SE (PTK)PONTIAC ARPT [42.66, -83.41]				
	07/05/12 03:32 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:32 EST		0	Source: Trained Spotter
A ten inch diameter tree was reported down.				
<hr/>				
OAKLAND COUNTY --- 1.0 W CRESENT LAKE ESTATES [42.65, -83.42]				
	07/05/12 03:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/05/12 03:32 EST		0	Source: Trained Spotter
An eight inch diameter tree limb was reported down.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OAKLAND COUNTY --- 0.5 E WALLED LAKE [42.53, -83.47]				
	07/05/12 03:34 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:34 EST		0	Source: Trained Spotter
A 10 inch diameter tree was reported down.				
OAKLAND COUNTY --- 0.5 E WIXOM SPENCER ARPT [42.52, -83.54]				
	07/05/12 03:35 EST		0	Thunderstorm Wind (MG 56 kt)
	07/05/12 03:35 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 1.7 WSW SOUTH LYON [42.46, -83.66]				
	07/05/12 03:35 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:35 EST		0	Source: Trained Spotter
A five inch diameter tree was reported down.				
WASHTENAW COUNTY --- 0.5 W DEXTER [42.33, -83.88]				
	07/05/12 03:36 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:36 EST		0	Source: Trained Spotter
Spotter estimated 60 mph thunderstorm wind gust.				
WASHTENAW COUNTY --- 2.1 NNW LIMA [42.33, -83.96]				
	07/05/12 03:37 EST		2K	Thunderstorm Wind (EG 54 kt)
	07/05/12 03:37 EST		0	Source: Emergency Manager
Large tree fell onto power lines at Lima Center and Dexter-Chelsea roads.				
WASHTENAW COUNTY --- DELHI MILLS [42.33, -83.80]				
	07/05/12 03:38 EST		0	Thunderstorm Wind (EG 56 kt)
	07/05/12 03:38 EST		0	Source: Emergency Manager
Multiple trees reported down between Dexter and Ann Arbor.				
OAKLAND COUNTY --- 0.9 NW NORTH FARMINGTON [42.54, -83.38]				
	07/05/12 03:40 EST		0	Thunderstorm Wind (EG 55 kt)
	07/05/12 03:40 EST		0	Source: Trained Spotter
Trees reported down.				
OAKLAND COUNTY --- 1.5 NNW FARMINGTON [42.49, -83.38]				
	07/05/12 03:40 EST		0	Thunderstorm Wind (EG 54 kt)
	07/05/12 03:40 EST		0	Source: Broadcast Media
A two foot diameter tree was blown down.				
OAKLAND COUNTY --- 2.1 SSE WIXOM [42.49, -83.52]				
	07/05/12 03:46 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:46 EST		0	Source: Trained Spotter
A 3 foot diameter pine tree was reported down, snapped at the base.				
OAKLAND COUNTY --- 1.5 SSW BIRMINGHAM GRAND PRI [42.53, -83.19]				
	07/05/12 03:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:50 EST		0	Source: Public
Large tree limbs reported down.				
OAKLAND COUNTY --- 1.7 WSW ROCHESTER HILLS [42.67, -83.16]				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/05/12 03:50 EST		0	Thunderstorm Wind (EG 56 kt)
	07/05/12 03:50 EST		0	Source: Trained Spotter
A spotter estimated a 65 mph thunderstorm wind gust.				
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LAPEER COUNTY --- 0.7 S DRYDEN [42.94, -83.12]				
	07/05/12 03:53 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:53 EST		0	Source: Law Enforcement
Power lines reported down.				
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MACOMB COUNTY --- 0.5 W MT VERNON [42.73, -83.09]				
	07/05/12 03:55 EST		0	Thunderstorm Wind (EG 54 kt)
	07/05/12 03:55 EST		0	Source: Law Enforcement
A large tree fell onto the road near the intersection of East Snell and Mt. Vernon Roads.				
<hr/>				
MACOMB COUNTY --- 1.7 NW ROMEO [42.82, -83.04]				
	07/05/12 03:55 EST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 03:55 EST		0	Source: Law Enforcement
Power lines reported down.				
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MACOMB COUNTY --- 1.0 E EAST DETROIT [42.47, -82.91]				
	07/05/12 04:03 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/05/12 04:03 EST		0	Source: Broadcast Media
Trees and power lines reported down.				
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MACOMB COUNTY --- MEADE [42.72, -82.87]				
	07/05/12 04:05 EST		0	Thunderstorm Wind (EG 54 kt)
	07/05/12 04:05 EST		0	Source: Law Enforcement
A large tree was reported down across the road near the intersection of 26 Mile and North Avenue Roads.				
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WAYNE COUNTY --- 0.7 N TAYLOR CENTER [42.23, -83.27]				
	07/05/12 04:19 EST		0	Thunderstorm Wind (EG 56 kt)
	07/05/12 04:19 EST		0	Source: Trained Spotter
Spotter estimated a 65 mph thunderstorm wind gust.				
Numerous severe thunderstorms, producing wind damage, impacted areas along and south of the I-69 corridor during the early morning hours.				
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ST. CLAIR COUNTY --- 2.0 SE KIMBALL [42.93, -82.52]				
	07/15/12 13:56 EST		0	Hail (0.88 in)
	07/15/12 13:56 EST		0	Source: Trained Spotter
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ST. CLAIR COUNTY --- 1.7 NW MARYSVILLE [42.92, -82.50]				
	07/15/12 14:00 EST		0	Hail (1.00 in)
	07/15/12 14:00 EST		0	Source: Trained Spotter
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ST. CLAIR COUNTY --- 1.2 NW MARYSVILLE [42.91, -82.50]				
	07/15/12 14:04 EST		0	Hail (1.00 in)
	07/15/12 14:04 EST		0	Source: Trained Spotter
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TUSCOLA COUNTY --- 1.5 NNW MAYVILLE [43.35, -83.38]				
	07/15/12 16:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/12 16:40 EST		0	Source: Law Enforcement
Power line reported down along Snover Road.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Two severe thunderstorms developed, one over St. Clair county and the other over Tuscola county.				
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BAY COUNTY --- 2.1 SSE NINE MILE [43.87, -84.06]	07/25/12 21:45 EST		0	Thunderstorm Wind (EG 56 kt)
	07/25/12 21:45 EST		0	Source: Law Enforcement
Trees and power lines were reported down.				
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TUSCOLA COUNTY --- 1.7 NE ELMWOOD [43.60, -83.26]	07/25/12 22:35 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/25/12 22:35 EST		0	Source: Law Enforcement
A large tree was blown down, along with several wires.				
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HURON COUNTY --- 2.9 NW PAWLOSKI [43.76, -82.84]	07/25/12 22:49 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/12 22:49 EST		0	Source: Law Enforcement
A large tree was blown down.				
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BAY COUNTY --- 2.1 SSE NINE MILE [43.87, -84.06]	07/25/12 23:00 EST		0	Thunderstorm Wind (EG 54 kt)
	07/25/12 23:00 EST		0	Source: Law Enforcement
Multiple trees and power lines reported down across the northern part of Bay County.				
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SANILAC COUNTY --- SANDUSKY [43.42, -82.83]	07/25/12 23:18 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/12 23:18 EST		0	Source: Law Enforcement
A large tree was reported blown down.				
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SANILAC COUNTY --- 1.5 NNE MELVIN [43.20, -82.86]	07/25/12 23:25 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/12 23:25 EST		0	Source: Law Enforcement
A power pole was reported down.				
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SAGINAW COUNTY --- 1.5 W MERSHON [43.45, -83.98]	07/25/12 23:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/25/12 23:30 EST		0	Source: Trained Spotter
A spotter estimated a 60 mph thunderstorm wind gust.				
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SAGINAW COUNTY --- 1.0 E SAGINAW [43.42, -83.95]	07/25/12 23:42 EST		0	Thunderstorm Wind (EG 50 kt)
	07/25/12 23:42 EST		0	Source: Trained Spotter
Numerous tree branches, up to 4 inches in diameter, reported down.				
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TUSCOLA COUNTY --- MILLINGTON [43.28, -83.53]	07/26/12 00:00 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/12 00:00 EST		0	Source: Law Enforcement
A large tree was blown down.				
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GENESEE COUNTY --- 1.7 NE FLUSHING [43.09, -83.81]	07/26/12 00:05 EST		0	Thunderstorm Wind (EG 52 kt)
	07/26/12 00:05 EST		0	Source: Newspaper
A large tree was reported down.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SANILAC COUNTY --- LEXINGTON [43.27, -82.53]				
	07/26/12 00:05 EST	0		Thunderstorm Wind (EG 56 kt)
	07/26/12 00:05 EST	0		Source: Law Enforcement
Trees were reported down.				
Severe thunderstorms, producing wind damage, tracked north of I-69.				
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LIVINGSTON COUNTY --- 3.6 E HOWELL [42.59, -83.86]				
	07/27/12 12:55 EST	0		Hail (0.88 in)
	07/27/12 12:55 EST	0		Source: SHAVE Project
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LIVINGSTON COUNTY --- 1.5 NNE BRIGHTON HYNE ARPT [42.59, -83.77]				
	07/27/12 13:00 EST	0		Hail (0.75 in)
	07/27/12 13:00 EST	0		Source: SHAVE Project
<hr/>				
LIVINGSTON COUNTY --- 1.7 NW BRIGHTON HYNE ARPT [42.59, -83.80]				
	07/27/12 13:00 EST	0		Hail (1.00 in)
	07/27/12 13:00 EST	0		Source: SHAVE Project
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LIVINGSTON COUNTY --- 1.4 N OAK GROVE [42.70, -83.92]				
	07/27/12 13:10 EST	0		Hail (0.88 in)
	07/27/12 13:10 EST	0		Source: SHAVE Project
<hr/>				
LIVINGSTON COUNTY --- 0.5 W BRIGHTON [42.53, -83.78]				
	07/27/12 13:15 EST	0		Hail (0.75 in)
	07/27/12 13:15 EST	0		Source: Amateur Radio
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LIVINGSTON COUNTY --- 2.3 SSE DEERFIELD CENTER [42.70, -83.83]				
	07/27/12 13:15 EST	0		Hail (1.00 in)
	07/27/12 13:15 EST	0		Source: SHAVE Project
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OAKLAND COUNTY --- 1.2 NE SOUTH LYON [42.48, -83.61]				
	07/27/12 13:30 EST	0		Thunderstorm Wind (EG 52 kt)
	07/27/12 13:30 EST	0		Source: Trained Spotter
A one foot diameter tree was reported down.				
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OAKLAND COUNTY --- 2.5 SE MILFORD [42.56, -83.54]				
	07/27/12 13:30 EST	0		Hail (1.00 in)
	07/27/12 13:30 EST	0		Source: Trained Spotter
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OAKLAND COUNTY --- 2.9 SE SOUTH LYON [42.44, -83.59]				
	07/27/12 13:35 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/12 13:35 EST	0		Source: Trained Spotter
Several two to four inch diameter tree limbs reported down.				
A few severe thunderstorms impacted Livingston and Oakland Counties.				
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SAGINAW COUNTY --- 1.7 NW SAGINAW [43.44, -83.99]				
	07/31/12 01:41 EST	0		Thunderstorm Wind (EG 50 kt)
	07/31/12 01:41 EST	0		Source: Trained Spotter
A 12 inch diameter tree limb was reported down.				
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GENESEE COUNTY --- 2.1 NNW BELSAY [43.05, -83.64]				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/31/12 02:37 EST		0	Thunderstorm Wind (EG 52 kt)
	07/31/12 02:37 EST		0	Source: Law Enforcement

A power line was reported down.

Two thunderstorms produced damaging winds, one near Flint, and the other near Saginaw.