

Storm Data and Unusual Weather Phenomena - June 2015

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 --- 12.4 ESE MONROE HARBOR [41.83, -83.19]				
	06/23/15 02:00 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	06/23/15 02:00 EST	0		Source: C-MAN Station
A thunderstorm moving through western Lake Erie produced a wind gust of 45 knots.				
LAKE HURON				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	06/08/15 17:10 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	06/08/15 17:20 EST	0		Source: C-MAN Station
A thunderstorm moving through Outer Saginaw Bay produced a wind gust to 34 knots.				
PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 0.3 SSW HARBOR BEACH [43.85, -82.64]				
	06/18/15 16:18 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/18/15 16:18 EST	0		Source: C-MAN Station
A thunderstorm moving into southern Lake Huron produced a 37 knots wind gust.				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	06/22/15 14:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	06/22/15 14:30 EST	0		Source: C-MAN Station
HARBOR BEACH TO PORT SANILAC MI COUNTY --- 0.9 SE PORT SANILAC [43.42, -82.54]				
	06/22/15 22:20 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	06/22/15 22:20 EST	0		Source: C-MAN Station
PORT SANILAC TO PORT HURON MI COUNTY --- 0.9 SE PORT SANILAC [43.42, -82.54]				
	06/22/15 22:20 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	06/22/15 22:20 EST	0		Source: C-MAN Station
Thunderstorms moving through Saginaw Bay and Southern Lake Huron produced wind gusts around 40 mph.				
MICHIGAN, East				
BAY COUNTY --- 2.3 SSE BEAVER [43.67, -84.05]				
	06/08/15 11:44 EST	0		Hail (1.00 in)
	06/08/15 11:44 EST	0		Source: Public
BAY COUNTY --- 3.3 WNW KAWKAWLIN [43.67, -84.01]				
	06/08/15 11:44 EST	0		Hail (1.00 in)
	06/08/15 11:44 EST	0		Source: Public
BAY COUNTY --- 3.3 WNW KAWKAWLIN [43.67, -84.01]				
	06/08/15 11:46 EST	0		Hail (1.00 in)
	06/08/15 11:46 EST	0		Source: Public
TUSCOLA COUNTY --- 1.4 N UNIONVILLE [43.67, -83.47]				
	06/08/15 12:29 EST	0		Hail (1.00 in)
	06/08/15 12:29 EST	0		Source: Public

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TUSCOLA COUNTY --- 0.7 N WISNER [43.63, -83.58]				
	06/08/15 12:36 EST		0	Hail (0.75 in)
	06/08/15 12:36 EST		0	Source: Public
SANILAC COUNTY --- 0.5 W DECKERVILLE [43.53, -82.74]				
	06/08/15 13:33 EST		0	Hail (1.00 in)
	06/08/15 13:33 EST		0	Source: Public
A few thunderstorms produced quarter size hail north of the I-69 corridor.				
MONROE COUNTY --- 1.0 SE PETERSBURG [41.89, -83.71]				
	06/10/15 22:35 EST		10K	Thunderstorm Wind (MG 68 kt)
	06/10/15 22:35 EST		0	Source: Fire Department/Rescue
Several large trees snapped and uprooted. Power lines and poles downed and broken.				
MONROE COUNTY --- 1.4 S IDA [41.90, -83.57]				
	06/10/15 22:47 EST		0	Hail (2.00 in)
	06/10/15 22:47 EST		0	Source: Trained Spotter
MONROE COUNTY --- 1.4 S IDA [41.90, -83.57]				
	06/10/15 22:47 EST		0	Thunderstorm Wind (MG 56 kt)
	06/10/15 22:47 EST		0	Source: Trained Spotter
MONROE COUNTY --- 0.9 SE MONROE CUSTER ARPT [41.92, -83.42]				
	06/10/15 22:55 EST		0	Hail (1.00 in)
	06/10/15 23:00 EST		0	Source: Trained Spotter
MONROE COUNTY --- 2.1 SW MONROE [41.90, -83.43]				
	06/10/15 22:55 EST		0	Hail (1.75 in)
	06/10/15 22:55 EST		0	Source: Trained Spotter
MONROE COUNTY --- 0.5 W MONROE CUSTER ARPT [41.93, -83.44]				
	06/10/15 22:57 EST		0	Hail (0.88 in)
	06/10/15 22:57 EST		0	Source: ASOS
A supercell produced significant damage and large hail over Monroe County.				
LIVINGSTON COUNTY --- 0.5 E HARTLAND [42.65, -83.74]				
	06/11/15 19:57 EST		0	Thunderstorm Wind (EG 50 kt)
	06/11/15 19:57 EST		0	Source: Trained Spotter
A large tree limb was reported blown down.				
A thunderstorm impacted Hartland.				
LENAWEE COUNTY --- 2.1 NW HOLLOWAY [41.95, -83.95]				
	06/14/15 12:50 EST		0	Hail (0.75 in)
	06/14/15 12:50 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 0.3 W DELHI MILLS [42.33, -83.81], 1.2 ENE DIXBORO [42.33, -83.63], 1.6 NNW PAINT CREEK [42.17, -83.59], 1.6 WNW SALINE [42.18, -83.80]				
	06/14/15 13:23 EST		0	Flash Flood (due to Heavy Rain)
	06/14/15 14:30 EST		0	Source: Emergency Manager
Multiple reports of flooded and impassable roads.				
A thunderstorm dumped around 2 inches in the City of Ann Arbor.				

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SHIAWASSEE COUNTY --- 3.2 SE DURAND [42.88, -83.94], 3.3 SE DURAND [42.88, -83.94]				
	06/15/15 20:04 EST		10K	Tornado (EF0, L: 0.28 mi , W: 50 yd)
	06/15/15 20:05 EST		0	Source: Broadcast Media
Media reports indicated damage to a barn and a few trees near Prior and Byron Roads in Vernon Township in eastern Shiawassee County . It was determined the damage resulted from a weak EF-0 tornado with maximum winds estimated at 65 mph. The tornado was on the ground for a minute or less as it traveled eastward.				
A weak tornado briefly touched down in Vernon Township in Shiawassee county.				
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MIDLAND COUNTY --- 2.6 WSW HOPE [43.76, -84.38]				
	06/18/15 17:00 EST		0	Thunderstorm Wind (EG 52 kt)
	06/18/15 17:00 EST		0	Source: Broadcast Media
Three trees were reported blown down near Sanford Lake.				
An isolated severe thunderstorm impacted Midland County.				
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WASHTENAW COUNTY --- 2.1 NW GUTHRIE [42.32, -84.10]				
	06/22/15 14:50 EST		0	Thunderstorm Wind (EG 56 kt)
	06/22/15 14:50 EST		0	Source: Law Enforcement
Eight trees were uprooted.				
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WASHTENAW COUNTY --- 3.1 WSW HUDSON MILLS [42.37, -83.98]				
	06/22/15 14:55 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/15 14:55 EST		0	Source: Amateur Radio
A two foot diameter tree was reported blown down.				
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SAGINAW COUNTY --- 2.9 E BIRCH RUN [43.25, -83.74], 4.9 SSE FRANKENMUTH ARPT [43.25, -83.70]				
	06/22/15 21:00 EST		50K	Tornado (EF0, L: 2.41 mi , W: 250 yd)
	06/22/15 21:03 EST	2	0	Source: NWS Storm Survey
A tornado touched down just west of Pine Ridge RV Campground in far southeast Saginaw county and tracked generally east along Birch Run Road , lifting near Mcpherson Road in Tuscola County 2 miles south of Millington. Trees were blown down and shingles were observed off houses . The tornado peaked in intensity near Buell and Belsay Roads, with estimated wind speeds up to 115 mph. Major structure damage occurred to one house, with another home suffering damage to roof and wall. Two minor injuries occurred at the campground . The total path length of the tornado ended up being around 11.2 miles, with 2.4 miles occurring in Saginaw County.				
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TUSCOLA COUNTY --- 5.0 SSW TUSCOLA [43.25, -83.70], 1.4 N MILLINGTON ARPT [43.25, -83.52]				
	06/22/15 21:03 EST		0.55M	Tornado (EF2, L: 8.86 mi , W: 250 yd)
	06/22/15 21:17 EST		0	Source: NWS Storm Survey
A tornado touched down just west of Pine Ridge RV Campground in far southeast Saginaw county and tracked generally east along Birch Run Road , lifting near Mcpherson Road in Tuscola County 2 miles south of Millington. Trees were blown down and shingles were observed off houses . The tornado peaked in intensity near Buell and Belsay Roads, with estimated wind speeds up to 115 mph. Major structure damage occurred to one house, with another home suffering damage to roof and wall. Two minor injuries occurred at the campground . The total path length of the tornado ended up being around 11.2 miles, with 2.4 miles occurring in Saginaw County.				
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TUSCOLA COUNTY --- 3.7 ESE DEFORD [43.50, -83.13], 4.7 ESE DEFORD [43.50, -83.11]				
	06/22/15 21:07 EST		1K	Tornado (EF0, L: 1.06 mi , W: 250 yd)
	06/22/15 21:08 EST		0	Source: NWS Storm Survey
A tornado touched briefly down in Tuscola county , then tracked mostly in a west to east direction parallel to and just south of Deckerville road in Sanilac County. Most damage along the path was rated EF0 intensity and below 85 mph, bringing down trees and power lines. However, a pocket of EF1 damage occurred with maximum intensity around 110 mph on the north side of Decker, extending west toward the Tuscola Border. Major damage occurred to Devor Dairy Farm. The total path length of the tornado came in close to 23 miles, with just 1 mile of the path length occurring in Tuscola County.				
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SANILAC COUNTY --- 2.6 NW HEMANS [43.50, -83.11], 2.8 E DECKERVILLE NAUMAN A [43.50, -82.67]				
	06/22/15 21:08 EST		0.50M	Tornado (EF1, L: 21.88 mi , W: 250 yd)
	06/22/15 21:44 EST		0	Source: NWS Storm Survey

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<p>A tornado touched briefly down in Tuscola county, then tracked mostly in a west to east direction parallel to and just south of Deckerville road in Sanilac County. Most damage along the path was rated EF0 intensity and below 85 mph, bringing down trees and power lines. However, a pocket of EF1 damage occurred with maximum intensity around 110 mph on the north side of Decker, extending west toward the Tuscola Border. Major damage occurred to Devor Dairy Farm. The total path length of the tornado came in close to 23 miles, with just 1 mile of the path length occurring in Tuscola County.</p>				
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LAPEER COUNTY --- ALMONT [42.92, -83.03]	06/22/15 22:54 EST		0	Thunderstorm Wind (EG 56 kt)
	06/22/15 22:54 EST		0	Source: Trained Spotter
Numerous trees uprooted.				
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ST. CLAIR COUNTY --- 0.5 NNW RILEY CENTER [42.96, -82.82], 0.7 NE RILEY CENTER [42.96, -82.81]	06/22/15 22:55 EST		10K	Tornado (EF0, L: 0.63 mi , W: 50 yd)
	06/22/15 22:56 EST		0	Source: NWS Storm Survey
<p>A brief tornado of EF-0 rating occurred along Hill Road between Eagling and Braidwood in Saint Clair County. This tornado was on the ground for about a minute and had maximum wind speeds estimated around 75 mph, blowing trees over and damaging a roof on a shed. A deck was also blown over.</p>				
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WASHTENAW COUNTY --- 3.4 ENE DOVER [42.42, -83.84]	06/22/15 23:43 EST		0	Thunderstorm Wind (EG 56 kt)
	06/22/15 23:43 EST		0	Source: Trained Spotter
Trees reported down.				
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WASHTENAW COUNTY --- 3.1 WNW HUDSON MILLS [42.39, -83.98]	06/22/15 23:53 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/15 23:53 EST		0	Source: 911 Call Center
A one foot diameter tree reported blown down.				
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WASHTENAW COUNTY --- 0.6 NNW ROWES CORNER [42.19, -84.03], 2.8 WNW BRIDGEWATER [42.19, -83.95]	06/23/15 00:31 EST		0.30M	Tornado (EF1, L: 4.33 mi , W: 100 yd)
	06/23/15 00:38 EST		0	Source: NWS Storm Survey
<p>A tornado downed down just east of M-52 and North of Bethel Church Road. The tornado tracked toward the east parallel to Bethel Church Road and lifted just east of Lima Center Road. A consistent path of tree damage was identified between homesteads. Damage to roofing and siding material of homes occurred along the path. Peak intensity up to 100 mph occurred at Bethel Church and Ernst Road where the garage of a home was swept from its foundation.</p>				
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WASHTENAW COUNTY --- 1.0 E PITTSFIELD [42.20, -83.70]	06/23/15 00:41 EST		0	Thunderstorm Wind (EG 56 kt)
	06/23/15 00:41 EST		0	Source: Trained Spotter
Multiple trees reported down.				
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WASHTENAW COUNTY --- 1.2 SE SALINE [42.16, -83.75]	06/23/15 00:41 EST		0	Thunderstorm Wind (EG 50 kt)
	06/23/15 00:41 EST		0	Source: Trained Spotter
A ten inch diameter tree was uprooted.				
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WASHTENAW COUNTY --- 2.0 NNW ANN ARBOR [42.31, -83.75]	06/23/15 00:45 EST		0	Thunderstorm Wind (EG 56 kt)
	06/23/15 00:45 EST		0	Source: Trained Spotter
Several uprooted trees and large limbs down.				
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WAYNE COUNTY --- 0.7 N DEARBORN [42.33, -83.25]	06/23/15 01:15 EST		0	Thunderstorm Wind (EG 52 kt)
	06/23/15 01:15 EST		0	Source: Broadcast Media
Large tree limbs blown down.				

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LENAWEE COUNTY --- 2.5 NE BIRDSALL [41.97, -83.96]	06/23/15 01:25 EST		0	Thunderstorm Wind (EG 56 kt)
	06/23/15 01:25 EST		0	Source: Amateur Radio

Trees and power lines reported down.

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LENAWEE COUNTY --- 1.2 SW ADRIAN LENAWE ARPT [41.86, -84.09]	06/23/15 01:33 EST		0	Thunderstorm Wind (EG 56 kt)
	06/23/15 01:33 EST		0	Source: Amateur Radio

Trees reported down.

Two rounds of severe thunderstorms impacted southeast Michigan. First round occurred during the afternoon hours, with the stronger second round occurring around and just after Midnight, spawning four tornadoes.

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EF 1 damage to the Dairy Farm on the North side of Decker.

LENAWEE COUNTY --- 1.8 ENE MUNSON [41.71, -84.30], 0.3 NNE SOUTHLAND [41.73, -83.78], 6.2 NE BRITTON [42.04, -83.74], 0.3 NNE ADDISON [41.98, -84.35]

06/27/15 15:20 EST

0.10M

Flood (due to Heavy Rain)

06/27/15 21:30 EST

0

Source: 911 Call Center

Many roads in southern Lenawee county were closed due to flooding, with a few roads washed out.

Two to five inches of rain fell, mainly during the daytime hours of Saturday, June 27.

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Here are some storm total rainfall reports received:

Blissfield 3.46 inches.

Tecumseh 3.56 inches.

Adrian 3.90 inches.

Morenci 4.81 inches.