

Storm Data and Unusual Weather Phenomena - September 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE HURON				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	09/05/18 16:45 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	09/05/18 16:45 EST	0		Source: C-MAN Station
PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 2.1 NNW PORT HURON [43.01, -82.43]				
	09/05/18 20:48 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/05/18 20:48 EST	0		Source: C-MAN Station
Thunderstorms moving through Saginaw Bay and southern Lake Huron produced wind gusts near 40 knots.				
PORT SANILAC TO PORT HURON MI COUNTY --- FORT GRATIOT WLONG STATION (FTGM4) [43.01, -82.42]				
	09/21/18 13:54 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	09/21/18 13:54 EST	0		Source: C-MAN Station
A thunderstorm near Fort Gratiot produced 41 knot wind gust.				
LAKE ST CLAIR				
DETROIT RIVER COUNTY --- 5.9 S GROSSE ILE [42.10, -83.19], 5.3 S GROSSE ILE [42.10, -83.17]				
	09/25/18 20:57 EST	0		Waterspout
	09/25/18 21:03 EST	0		Source: NWS Storm Survey
A waterspout tracked across the Detroit River near Gibraltar to Grosse Ile.				
MICHIGAN, East				
MACOMB COUNTY --- 2.1 NNW WASHINGTON [42.75, -83.04]				
	09/03/18 18:10 EST	0		Thunderstorm Wind (EG 54 kt)
	09/03/18 18:10 EST	0		Source: 911 Call Center
Numerous trees and power lines were reported down around Washington Township.				
Thunderstorms brought trees and power lines in Macomb county.				
OAKLAND COUNTY --- 1.5 SSE PERRY LAKE HGTS [42.81, -83.39]				
	09/05/18 19:27 EST	0		Thunderstorm Wind (EG 52 kt)
	09/05/18 19:27 EST	0		Source: 911 Call Center
Tree reported blow down partially blocking a road.				
OAKLAND COUNTY --- 0.9 NE CRESENT LAKE ESTATES [42.66, -83.39]				
	09/05/18 19:30 EST	0		Thunderstorm Wind (EG 52 kt)
	09/05/18 19:30 EST	0		Source: Broadcast Media
A large tree was reported blown down.				
Thunderstorms brought down trees in northern Oakland county.				
MONROE COUNTY --- 1.8 N MONROE CUSTER ARPT [41.96, -83.43], 1.5 SSW GRAFTON [42.01, -83.39]				
	09/25/18 19:23 EST	0	0.50M	Tornado (EF1, L: 4.32 mi , W: 520 yd)
	09/25/18 19:32 EST	0		Source: NWS Storm Survey

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<p>The path began as weak EF0 damage, mainly to trees, until near Reinhardt and Heiss roads where it became a solid EF0. The tornado reached EF1 strength near Toben and South Stony Creek roads where roofing material was removed leaving exposed trusses and windows that were blown out of homes in the area. Garage doors were also blown in and many trees were damaged and uprooted. EF0 damage to siding and tree limbs was noted before the tornado dissipated near North Stoney Creek road and the railroad tracks.</p>				

MONROE COUNTY --- 2.3 SSE SOUTH ROCKWOOD [42.04, -83.23]				
	09/25/18 19:46 EST		0	Thunderstorm Wind (EG 52 kt)
	09/25/18 19:46 EST		0	Source: NWS Storm Survey

A tree was blown down.

MONROE COUNTY --- 2.6 SE SOUTH ROCKWOOD [42.04, -83.22]				
	09/25/18 19:47 EST		0	Thunderstorm Wind (EG 52 kt)
	09/25/18 19:47 EST		0	Source: NWS Storm Survey

A tree was blown down, along with a few large limbs.

WAYNE COUNTY --- 1.9 NE GIBRALTAR [42.09, -83.21], 0.6 NNE GROSSE ILE NAS [42.11, -83.15]				
	09/25/18 19:55 EST		0.50M	Tornado (EF1, L: 3.27 mi , W: 200 yd)
	09/25/18 20:02 EST		0	Source: NWS Storm Survey

An EF1 tornado began just to the west of W Jefferson Ave and south of Gibraltar Road. The tornado remained at EF1 strength up to the Navarre Street and Young Drive area, before weakening to EF0 strength for the remainder of the path. The tornado then crossed the Detroit River before dissipating at the north end of Elba Island in Grosse Ile Township. Damage included multiple large limbs and trees downed, a roof partially blown off and power lines downed.

MONROE COUNTY --- 1.9 ENE SOUTH ROCKWOOD ARPT [42.04, -83.26], 0.7 SSE SOUTH ROCKWOOD [42.06, -83.24]				
	09/25/18 20:45 EST		0.15M	Tornado (EF0, L: 2.06 mi , W: 250 yd)
	09/25/18 20:49 EST		0	Source: NWS Storm Survey

An EF0 tornado began in Berlin Township in Monroe County just south of Sigler Road on North Dixie Highway. The tornado moved northeast about 2 miles before exiting Monroe County in South Rockwood. The tornado continue for another 2 miles before dissipating in Wayne County. The tornado remained at EF0 strength throughout the entire path. Damage in Monroe County included multiple limbs and large trees downed.

WAYNE COUNTY --- 0.7 SSE ROCKWOOD [42.06, -83.24], 1.2 NNE GIBRALTAR [42.09, -83.22]				
	09/25/18 20:49 EST		0.15M	Tornado (EF0, L: 2.02 mi , W: 250 yd)
	09/25/18 20:52 EST		0	Source: NWS Storm Survey

This tornado began in Berlin Township in Monroe County about 2 miles south of South Rockwood. The tornado entered Wayne County in Rockwood and then continued for another 2 miles, before dissipating near the intersection of Meadow Lane and Ostreich Road near the border of Brownstown Charter Township and the city of Gibraltar. The tornado remained at EF0 strength throughout the entire path length. Damage included multiple limbs and large trees downed, along with missing shingles to a house near the end of the tornado path.

A robust upper level trough approached the western Great Lakes on September 25, while low pressure developed over northern Lower Michigan along a cold front draped over the region. Ahead of this cold front, southwest winds brought warm and moist air (dew points exceeding 70 degrees in a few areas) to Southeast Michigan during the daytime and evening hours. This moist air mass paired with ample wind shear was sufficient to generate three tornadoes, impacting northern Monroe and southern Wayne counties.