

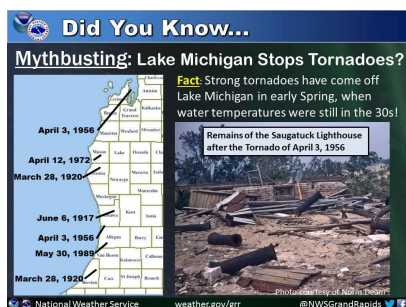


**When Seconds Count...**  
 ...You could make the difference!

## 2023 SKYWARN Spotter Class

Provided by the following:

National Weather Service - Grand Rapids Office, Muskegon County Emergency Communication Services, Inc., Muskegon County Emergency Management Office, and Muskegon Community College with the MCC Geography Department, MCC Geo Club, and MCC Criminal Justice Department



**Date:** Saturday April 22, 2023  
**Time:** 10:00am to 12:00pm  
**Location:** Room 1300 Stevenson Center  
 Muskegon Community College  
 221 S. Quarterline Road  
 Muskegon, MI 49442  
**Who:** Free to the public and anyone wishing to attend

### The National Weather Service and Muskegon County needs your help.

Every Year, numerous people are affected by severe weather. Your accurate reports of weather information to the National Weather Service and local public safety officials may save lives and property.

#### (Basic Skywarn)

Presentation of Skywarn spotter knowledge requirements; including severe weather climatology, the thunderstorm life cycle, squall lines, wall clouds, roll clouds, shelf clouds, and updraft/downdraft physics with a primary focus on visual identification of severe weather signatures in clouds.

For more information contact:

Randy Reed, Muskegon County Skywarn Coordinator (231) 343-2239 or email [mcs.w8wxm@gmail.com](mailto:mcs.w8wxm@gmail.com)

Richard Warner, Muskegon County Emergency Manager (231) 724-6341 or email [em@co.muskegon.mi.us](mailto:em@co.muskegon.mi.us)