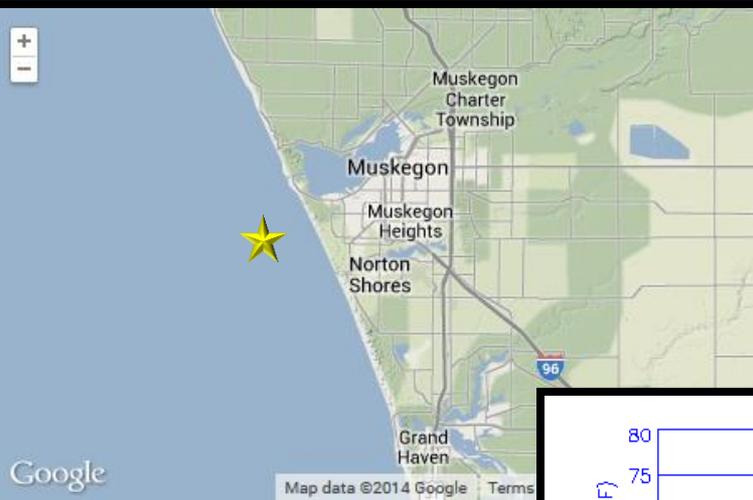


Lake Michigan Buoys

Show Remarkable Drop in Water Temperatures

- Atypical summer pattern
- Cooler wind from the north
- Colder mid-lake temperatures push south
- Shallower top layer will be somewhat warmer, but still very chilly for summer standards



Click Temperature Graph for Updated Information

Muskegon GLERL Buoy



NWS Grand Rapids
weather.gov/grr



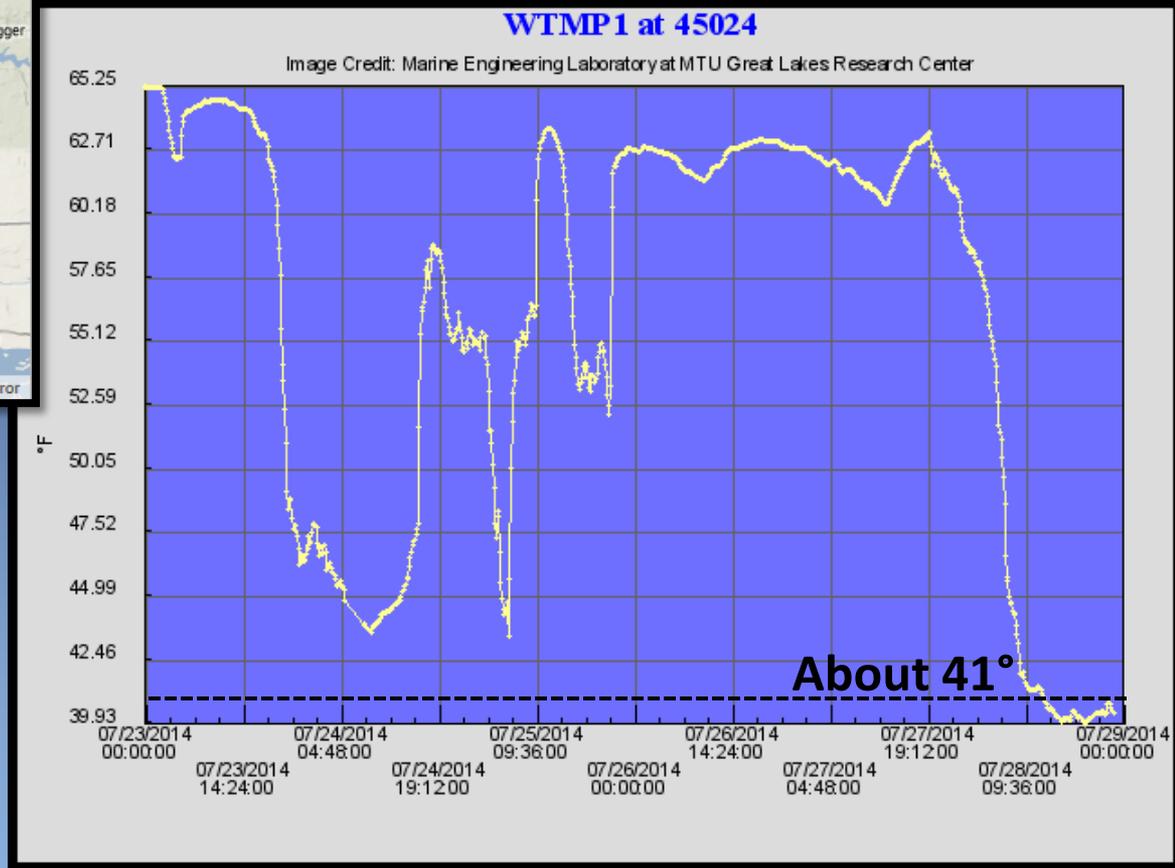
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Lake Michigan Buoys

Show Remarkable Drop in Water Temperatures



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Ludington UGLOS Buoy



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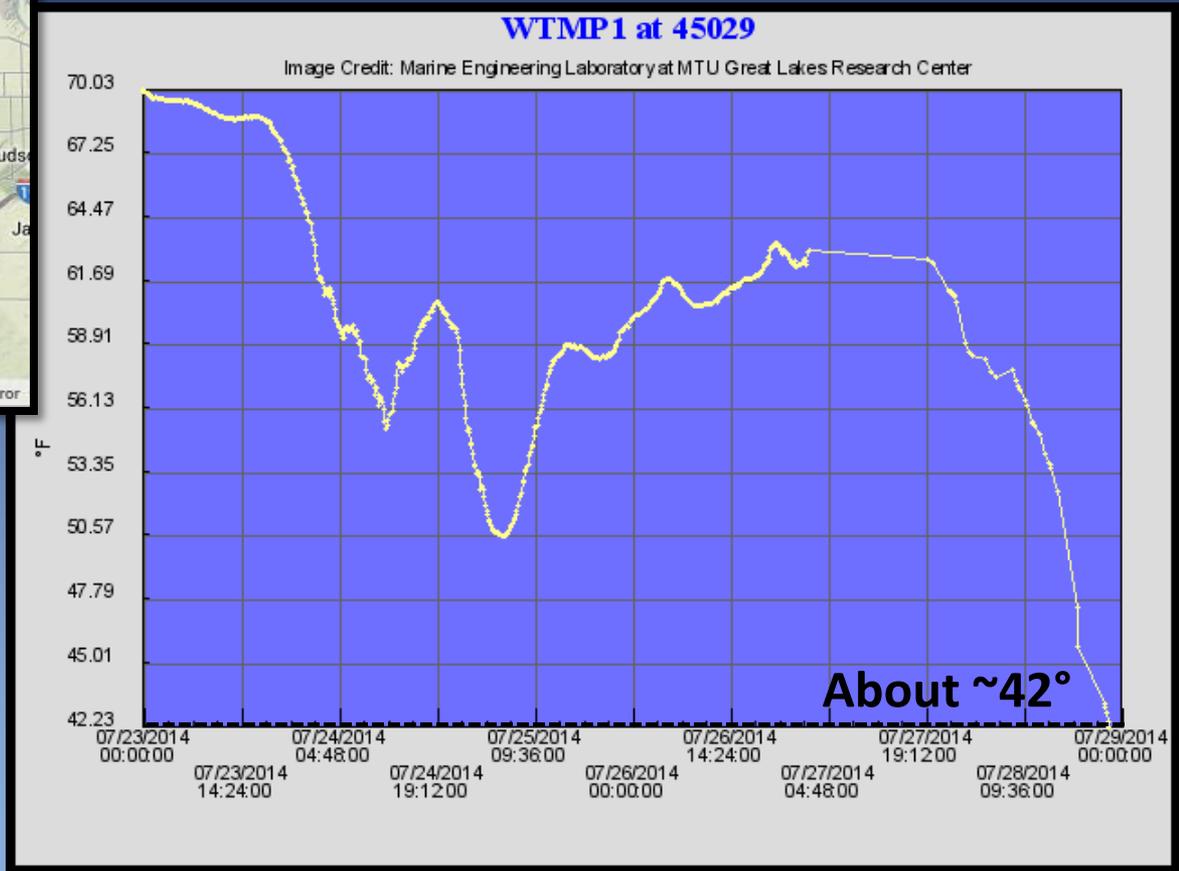
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Lake Michigan Buoys

Show Remarkable Drop in Water Temperatures



- Colder temperatures lead to higher hypothermia risk
- Cooler water temperatures may stick around for a couple of days
- Warmer weather likely late in the week/next weekend

Click Temperature Graph for Updated Information

Holland UGLOS Buoy

Hypothermia: Lake Michigan's Year-Round Subtle Danger



Approximate Survivability Time at Various Temps

Water Temp (°F)	Exhaustion or Unconsciousness	Survival Time
0°-32°	< 15 minutes	15-45 minutes
33°-40°	15-30 minutes	30-90 minutes
41°-50°	30-60 minutes	1-3 hours
51°-60°	1-2 hours	1-6 hours
61°-70°	2-7 hours	2-36 hours
71°-80°	3-12 hours	Indefinite
Over 80°	Indefinite	Indefinite

Courtesy: U.S. Coast Guard Great Lakes

- Hypothermia is serious, affecting major organs like the brain, heart and lungs, which can lead to permanent damage and even *death*
- Average body temperature (98.6°F) only needs to fall 3.6°F to (95°F or cooler) to induce conditions favoring hypothermia *see the [1-10-1 Rule](#)*
- Body temperature cools 25 times faster in cold water than in cold air
- Remember, you don't have to be swimming to increase your risk ...accidents are always possible (boating, fishing, hiking near the lake etc.)



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