

GREAT LAKES WATER LEVELS RESOURCE SHEET



Many of the following online resources are compiled on the Great Lakes Sea Grant Network website:
www.greatlakesseagrant.com/projects/water-levels/

*NOTE: Michigan Department of Environmental Quality (DEQ) has been renamed the Department of Environment, Great Lakes, and Energy (EGLE) as of April 2019.

MICHIGAN-SPECIFIC RESOURCES

Michigan Sea Great Lake Levels info site

- *Includes general overview of information and a collection of links to outside resources.*
www.michiganseagrant.org/topics/coastal-hazards-and-safety/lake-levels/

Michigan EGLE Great Lakes Shoreline Erosion fact sheet

- *High-risk erosion areas such as coastal sand dunes are areas designated by the state that have additional building and development restrictions. This fact sheet overviews these areas and permits required.*
www.michigan.gov/documents/deq/deq-wrd-greatlakes-shorelands-highriskerosion-brochure_512877_7.pdf

Michigan EGLE High Risk Erosion Areas: Programs and Maps

- *Information on the high-risk erosion areas as well as maps of where those areas are located.*
www.michigan.gov/deq/0,4561,7-135-3311_4114-344443--,00.html

Michigan EGLE Permitting contact info

- *A list of MI DEQ offices and individuals involved with land/water permitting.*
www.michigan.gov/documents/deq/wrd-permit-staff_402908_7.pdf

GREAT LAKES RESOURCES

Great Lakes Shoreviewer

- *This tool allows individuals to visualize risk to buildings, infrastructure, and shorelines.*
www.greatlakesshoreviewer.org/#/great-lakes

NOAA Great Lakes Lake Level Viewer

- *A tool that illustrates potential flooding or land exposure at a given water level.*
coast.noaa.gov/llv/

Superior Watershed Partnership's Great Lakes Coastal Reporting Tool

- *A citizen science tool that allows individuals to report erosion or other coastal hazards.*
superiorwatersheds.org/report-erosion-hazard

GREAT LAKES RESOURCES (CONTINUED)

US Army Corps of Engineers Great Lakes Information site

- *Great Lakes water level data and forecasts, basin conditions, outflows, and other information.*
www.lre.usace.army.mil/Missions/Great-Lakes-Information/Great-Lakes-Water-Levels/

US Army Corps of Engineers Great Lakes High Water site

- *A site that provides helpful links and answers frequently asked questions.*
www.lre.usace.army.mil/About/Great-Lakes-High-Water/

NOAA Great Lakes Environmental Research Laboratory (GLERL) Lake Level Dashboard

- *A portal to long-term, basin-scale hydrological and climatological data for the Great Lakes.*
www.glerl.noaa.gov/data/dashboard/portal.html

Living on the Coast by Wisconsin Sea Grant and US Army Corps of Engineers

- *Resources for protecting your shoreline.*
www.seagrants.umn.edu/downloads/ch002.pdf

Living with the Lakes: Understanding and Adapting to Great Lakes Water Level Changes

- *Background information and resources for living within the Great Lakes watershed.*
legacyfiles.ijc.org/tinymce/uploaded/ILSBC/Living%20with%20the%20Lakes_1999_e.pdf

REGULATORY CONTACT INFORMATION

Michigan Department of Environment, Great Lakes, and Energy (EGLE)

Casey Hares

EGLE Water Resources Division | Upper Peninsula District Office

p: (906)869-0745

email: HaresC@michigan.gov

Kate Lederle

Great Lakes Shorelands Management Program | EGLE Water Resources Division Lansing

P.O. Box 30458, Lansing MI 48909

p: 517-284-5564

email: lederlek@michigan.gov

US Army Corps of Engineers Detroit District

Sault Ste. Marie Office | Sue Bright (906) 635-3462 | sue.p.bright@usace.army.mil

Sault Ste Marie Office | Barbara Scott (906) 635-3461 | barbara.j.scott@usace.army.mil

Marquette Office | Jean Battle (906) 228-2833 | jean.m.battle2@usace.army.mil

Marquette Office | Bob Deroche (906) 225-8089 | robert.d.deroche@usace.army.mil