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Ohio Department of Natural Resources
Office of Coastal Management

Lake Erie

Depth

Average: 62 feet
Maximum: 210 feet

Distance Across

West to east: 241 miles
North to south: 57 miles

Coast Length

Ohio's: 312 miles
Entire: 871 miles

Elevation

573.4 feet IGLD 1985

Water Retention Time

2.6 years

Volume

127.7 trillion gallons

Water Area

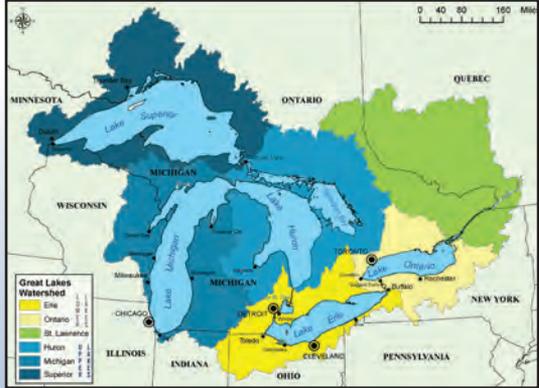
9,910 sq. miles

Watershed Area

30,140 sq. miles

Outlets

Niagara River
Welland Canal



Lake Erie's watershed is shown in bright yellow on this map produced by the Office of Coastal Management. Lake Erie's shore and watershed include the most southerly reaches of the Great Lakes ecosystem. Lake Erie's location, along with its shallow depth, allow it to be the warmest and most biologically productive lake in summer and first to freeze in winter. Interactive and static maps can be requested by contacting OCM and are found at coastal.ohiodnr.gov/maps.





Office of Coastal Management

To help balance the uses of Lake Erie's resources with sustaining a healthy environment, the Office of Coastal Management administers the federally approved Ohio Coastal Management Program (OCMP).

Many partner agencies work to implement the OCMP. The Office of Coastal Management's responsibilities include education, outreach, resource management, grants administration and regulatory oversight in areas codified in Ohio Revised Code §1506 and Ohio Administrative Code §1501-6.

The Office of Coastal Management is implementing numerous initiatives to improve freshwater resources, keeping in mind the social, economic and environmental significance of Lake Erie to Ohio's coastal communities and counties.

The office's annual budget, around \$4 million, is funded by the National Oceanic and Atmospheric Administration, royalties from mining salt from beneath the bed of Lake Erie, and submerged lands leases which are split 50-50 with local governing agencies.

Our Mission:

Achieve a balance between use and preservation of Lake Erie's coastal resources, in collaboration with our partners, by effectively administering the Ohio Coastal Management Program.

2016 focus areas:

- Improve water quality
- Enhance conservation and resiliency
- Promote environmentally-sound coastal development
- Regulatory reform
- Expand grant opportunities

learn more: coastal.ohiodnr.gov/about



2015 photos (l-r):
Dune plantings at East Harbor State Park; Headlands Beach State Park during BeachFest; 4th graders learn about erosion using sand collected along Ohio's coast during a field trip to the office; Veteran's Glass City Skyway over the Maumee River viewed from the Col. James M. Schoonmaker, which is part of the National Museum of the Great Lakes.

Ohio Coastal Management Program

The Ohio Coastal Management Program's 41 policies are arranged in nine issue areas. Policies in **blue** are enforceable via Ohio Revised Code. Download the program document and each policy at coastal.ohiodnr.gov/OCMP.

COASTAL EROSION & FLOODING

- 1 - Lake Erie Coastal Erosion Area Management
- 2 - Shore Erosion Control
- 3 - Floodplain Management
- 4 - Flood Protection & Mitigation
- 5 - Shore Erosion & Flood Hazard Mitigation Assistance

WATER QUALITY

- 6 - Water Quality
- 7 - Environmental Contaminants: Prevention & Emergency Response
- 8 - Nonpoint Source Pollution
- 9 - Potable Water Supply
- 10 - Area of Concern Remedial Action Plans
- 11 - Ground Water

ECOLOGICALLY SENSITIVE RESOURCES

- 12 - Wetlands
- 13 - Natural Areas & Features
- 14 - Rare & Endangered Species
- 15 - Exotic Species

PORTS & SHORE AREA DEVELOPMENT

- 16 - Public Trust Lands
- 17 - Dredging & Dredged Material Disposal
- 18 - Local Lakeshore Development
- 19 - Lake Erie Ports
- 20 - Transportation Facilities

RECREATION AND CULTURAL RESOURCES

- 21 - Lakeshore Recreation & Access
- 22 - Lake Erie Beaches & Public Bathing
- 23 - Recreational Boating
- 24 - Fishing & Hunting
- 25 - Surplus Public Property
- 26 - Preservation of Cultural Resources

FISH & WILDLIFE MANAGEMENT

- 27 - Fisheries Management
- 28 - Fisheries Research & Interstate Cooperation
- 29 - Wildlife Management

ENVIRONMENTAL QUALITY

- 30 - Air Quality
- 31 - Hazardous, Solid & Infectious Waste Management
- 32 - Marina Facilities
- 33 - Visual & Aesthetic Quality

ENERGY & MINERAL RESOURCES

- 34 - Energy Facility Siting
- 35 - Energy Resource Storage & Transshipment
- 36 - Oil & Natural Gas Drilling
- 37 - Offshore Mineral Extraction
- 38 - Surface Mining

WATER QUANTITY

- 39 - Water Diversion
- 40 - Lake Erie Water Levels
- 41 - Water Management



Ohio's Coastal Counties

Lucas County

Land Area: 340.4 sq. mi.
 Lake Area: 249.07 sq. mi.
 Coast: 25 miles
 Public Access: 9.1 miles @ 28 sites

Ottawa County

Land Area: 255.1 sq. mi.
 Lake Area: 318.28 sq. mi.
 Coast: 94 miles
 Public Access: 15.4 miles @ 36 sites

Sandusky County

Land Area: 409.2 sq. mi.
 Lake Area: 5.42 sq. mi.
 Coast: 13 miles
 Public Access: 3.5 miles @ 1 site

Erie County

Land Area: 254.5 sq. mi.
 Lake Area: 369.91 sq. mi.
 Coast: 68 miles
 Public Access: 10.4 miles @ 43 sites

Ohio includes 44,825 sq. miles of land and 3,516 sq. miles (2.25 million acres) in Lake Erie. Ohio's Lake Erie Watershed is green and Ohio's coastal counties are colored to align with the colors used in *Ohio's Lake Erie Public Access Guide - Coast Edition*. Guides featuring all public access sites along Ohio's shore and the 14 main tributaries that flow into Lake Erie in Ohio are available for free in print and online at: coastal.ohiodnr.gov/GoCoast coastal.ohiodnr.gov/GoRivers

Lorain County

Land Area: 492.6 sq. mi.
 Lake Area: 444.84 sq. mi.
 Coast: 23 miles
 Public Access: 2.1 miles @ 15 sites

Cuyahoga County

Land Area: 458.3 sq. mi.
 Lake Area: 805.09 sq. mi.
 Coast: 30 miles
 Public Access: 6.8 miles @ 23 sites

Lake County

Land Area: 228.2 sq. mi.
 Lake Area: 743.47 sq. mi.
 Coast: 31 miles
 Public Access: 8 miles @ 27 sites

Ashtabula County

Land Area: 702.7 sq. mi.
 Lake Area: 643.16 sq. mi.
 Coast: 28 miles
 Public Access: 3.9 miles @ 12 sites



Cover photo: View of Cleveland from the Cleveland Cuyahoga-County Port Authority's new Sediment Processing Facility constructed in 2015 on CDF 12 northeast of Burke Lakefront Airport. This Healthy Lake Erie-funded project will help Ohio meet its goal of zero open lake disposal of dredge material by 2020.

