



Pentwater Lake: Interesting Facts and Figures

A publication of the Pentwater Lake Improvement Board

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Pentwater Lake was mapped in 2013 using Sonar and hydroacoustic software. The lake has a surface area of 431 acres, a maximum depth of 50 feet, and a mean or average depth of 27 feet. Of Michigan's 10,031 lakes 5 acres or greater in area, Pentwater Lake ranks 234th.

Pentwater Lake contains 11,590 acre-feet of water, which is about 3.8 billion gallons.

The shoreline of Pentwater Lake is 6.2 miles long. The shoreline development factor of 2.1 indicates that the shoreline of Pentwater Lake is over twice as long than if the lake were perfectly round.

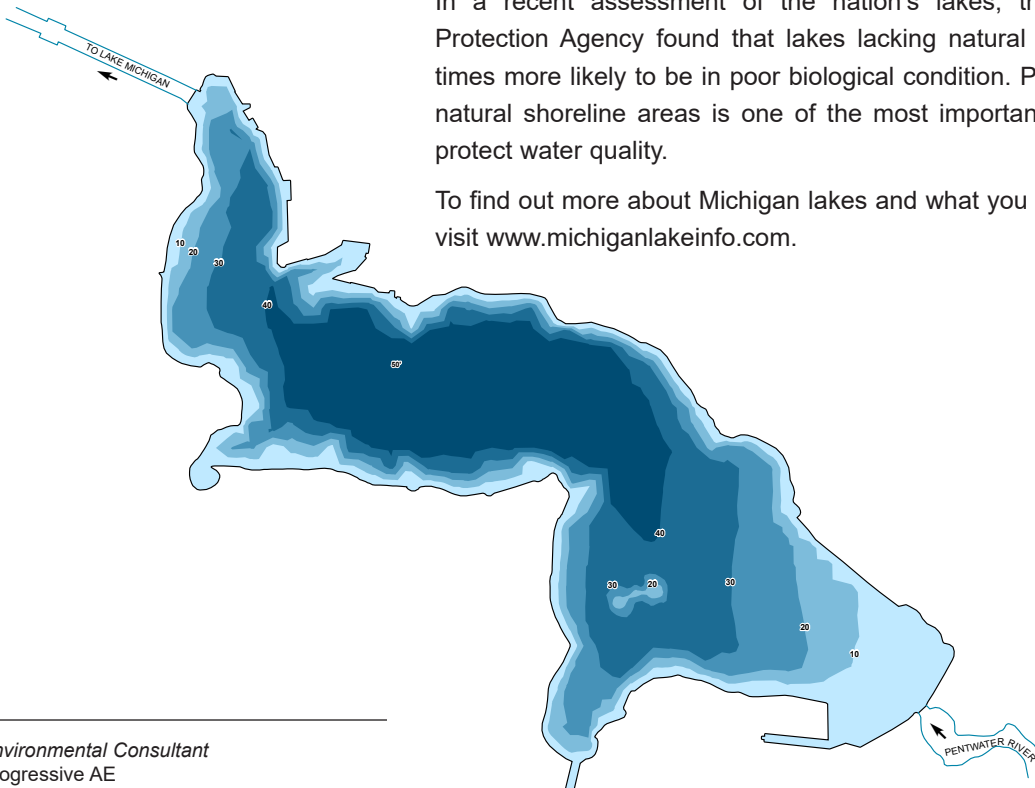
Pentwater Lake flows into Lake Michigan through an improved navigation channel. The level of Pentwater Lake fluctuates with Lake Michigan. There is an approximate six-foot elevation difference between the highest water levels and the lowest levels.

Pentwater Lake is fed by the Pentwater River which flows in from the east.

To protect inland lakes from nutrient pollution, Michigan enacted a law in 2012 that prohibits the application of lawn fertilizers containing phosphorus unless a new lawn is being established (and phosphorus is needed to promote root growth), or if a soil test indicates a phosphorus deficiency. If you apply lawn fertilizer near the lake, be sure to use a phosphorus-free fertilizer. The middle number on the fertilizer bag (12-0-8) will be zero.

In a recent assessment of the nation's lakes, the U.S. Environmental Protection Agency found that lakes lacking natural shorelands were three times more likely to be in poor biological condition. Preserving and restoring natural shoreline areas is one of the most important things you can do to protect water quality.

To find out more about Michigan lakes and what you can do to protect them, visit www.michiganlakeinfo.com.



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