



Walters Lake: Interesting Facts and Figures

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www.walterslakeboard.org

Walters Lake has a surface area of 78 acres, a maximum depth of 19 feet, and a mean or average depth of 5 feet. Of Michigan's 10,031 lakes 5 acres or greater in area, Walters Lake ranks 1,430th.

The shoreline of Walters Lake is 2 miles long. The shoreline development factor of 1.6. That is, compared to a perfectly round lake with the same surface area as Walters Lake (i.e., 78 acres), the shoreline of Walters Lake is 1.6 times longer due to its convoluted shape.

Walters Lake has a volume of 397 acre-feet which equates to 129 million gallons of water. On average, the entire volume of water in Walters Lake is replenished every 320 days.

Walters Lake lies in the headwaters of Paint Creek and is part of the Clinton River watershed which drains into Lake St. Clair.

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.

