

# Upper Whitefish Lake

**Surface Area: 80 acres**

**Maximum Depth: 24 feet (7.3 meters)**

**Shoreline Length: 8,846 feet (1.68 miles)**

**Elevation: 4,549 feet (1,386 meters)**

## GENERAL INFORMATION

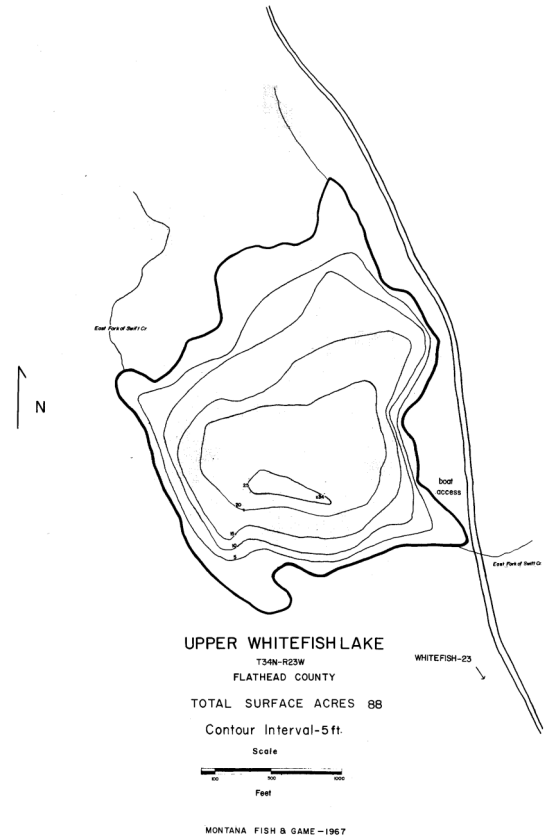
Upper Whitefish Lake is located in Flathead County 25 miles north of Whitefish. Surrounding land ownership is 100% State Trust Lands. There is one motorized public access located on the northeast end of the lake.

## FISHERIES INFORMATION

The lake is stocked with westslope cutthroat trout. Fish distribution includes bull trout, longnose sucker, and westslope cutthroat trout. For more information see: <https://fwp.mt.gov/fish/stocking.html>

## ADDITIONAL INFORMATION

- A macrophyte survey was conducted in 2016
- Current NMLN citizen volunteers include:  
Cheri and Peter Aronsson



Location: 48.685611 N, 114.579648 W



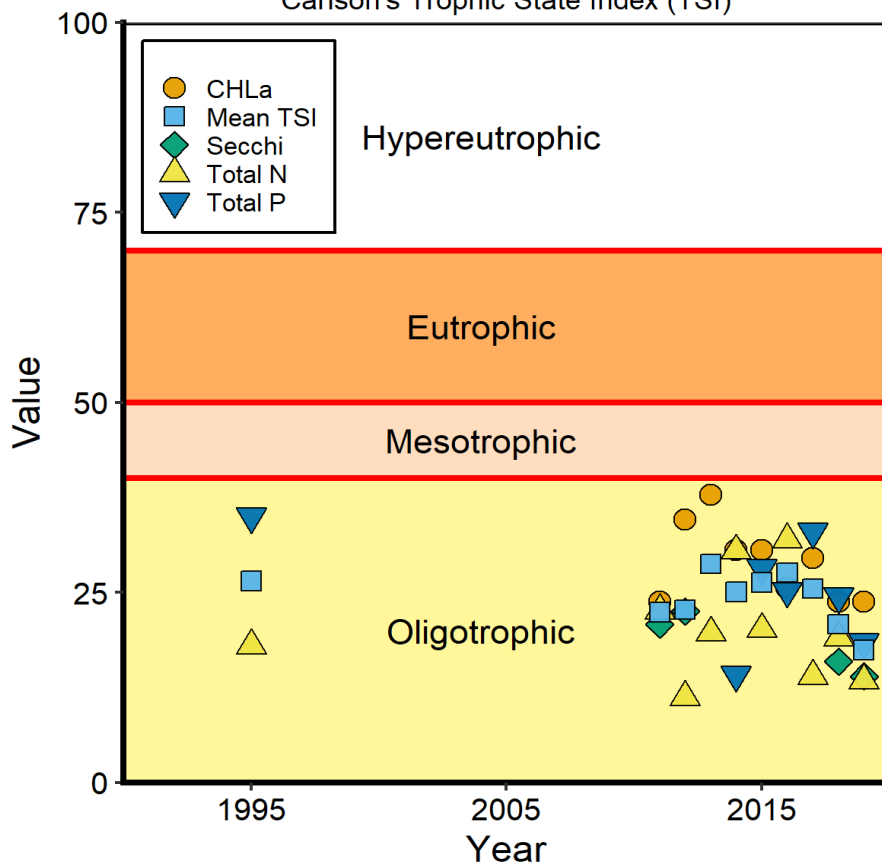
*Upper Whitefish Lake.*

LAKE METRICS SUMMARY AND SCORES

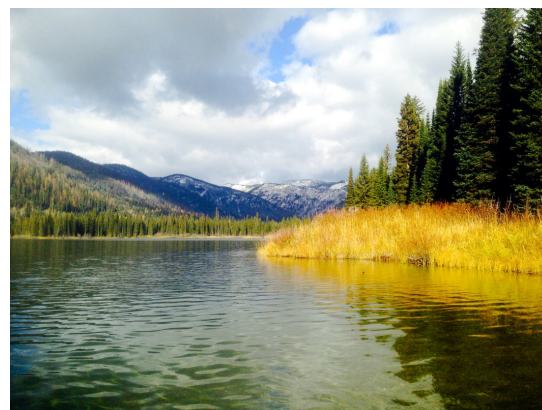
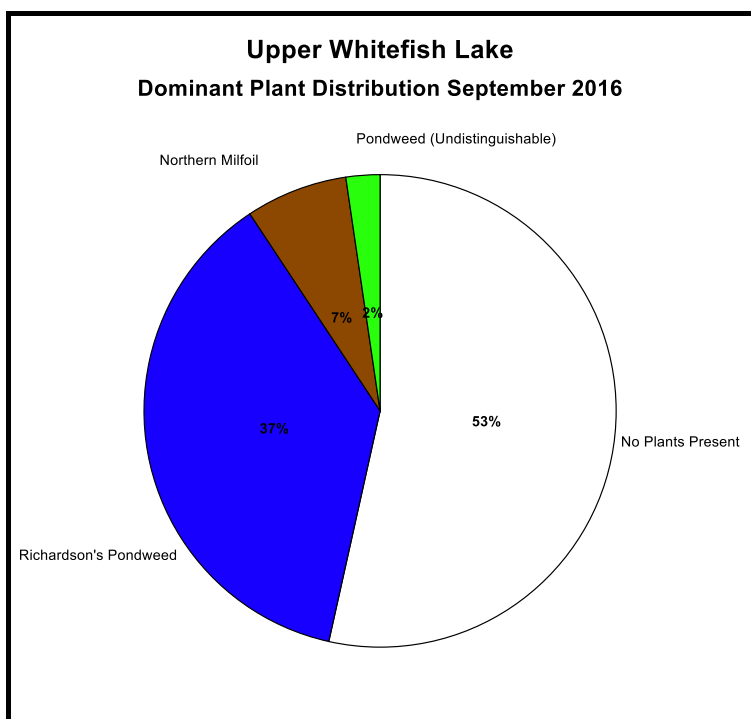
Metric	Score	Description
Cold-water fish habitat	High	Temperature and oxygen profiles show that Upper Whitefish Lake was weakly stratified during summer sampling dates.
Nutrient Levels	Low	Upper Whitefish Lake often ranks low for small lakes for total phosphorus, total nitrogen, and chlorophyll ( <i>a</i> ).
Nutrient Trend	Consistent	No trend is apparent.
Trophic Status	Oligo-trophic	Carlson's Trophic Index trend shows Upper Whitefish Lake is consistently oligotrophic.
Dreissenid Colonization Potential (Calcium)	Low	The 2011/2016 average calcium concentration was reported at 19.7 mg/L classifying it as a low risk for zebra mussel colonization. The 2012 alkalinity level was reported at 75 mg/L.
Known AIS infestations	None	

### Upper Whitefish Lake

Carlson's Trophic State Index (TSI)



A macrophyte survey was conducted on Upper Whitefish Lake on August 24, 2016. A total of 43 sites were surveyed for plants/algae. The northwest side of the lake was densely populated Richardson's pondweed. Data collected indicated that roughly half of the shoreline has no plants present. There was very little plant diversity on Upper Whitefish Lake.



*Upper Whitefish Lake.*