

Loon Lake

Surface Area: 45 acres

Maximum Depth: 40 feet (12.2 meters)

Shoreline Length: 6,857 feet (1.30 miles)

Elevation: 3100 feet (945 meters)

GENERAL INFORMATION

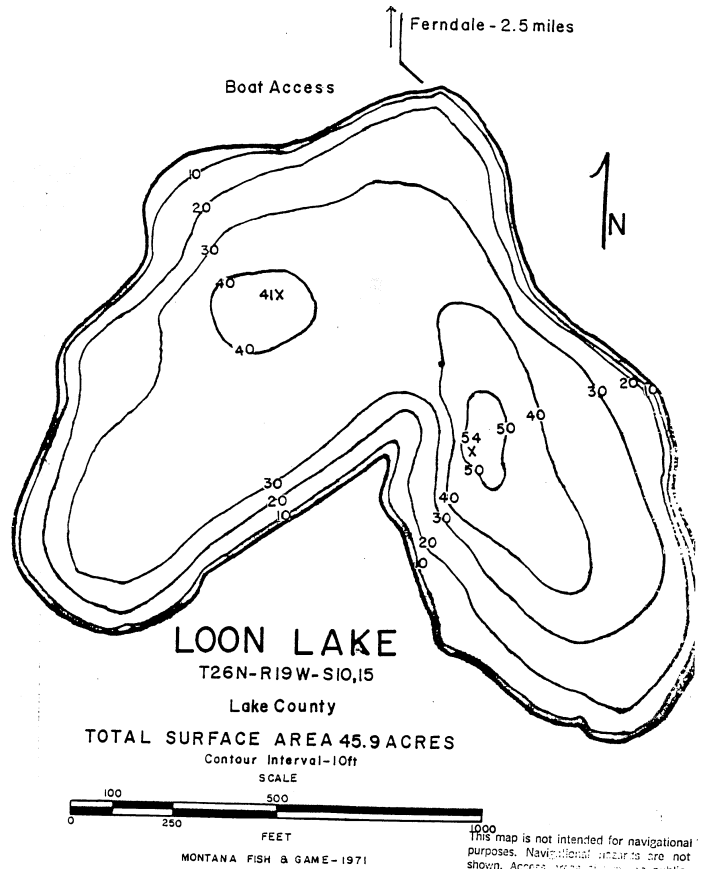
Loon Lake is located on the eastern side of the mission mountain range, just west of the Swan Lake outlet on the valley floor, 3 miles east of Bigfork on Hwy 209, then 2 miles south and 2 miles east on County Road. The geologic formation of the entire watershed is alluvium (Ellis & Craft, 2008). There is one non-motorized public access site on the north end of the lake.

FISHERIES INFORMATION

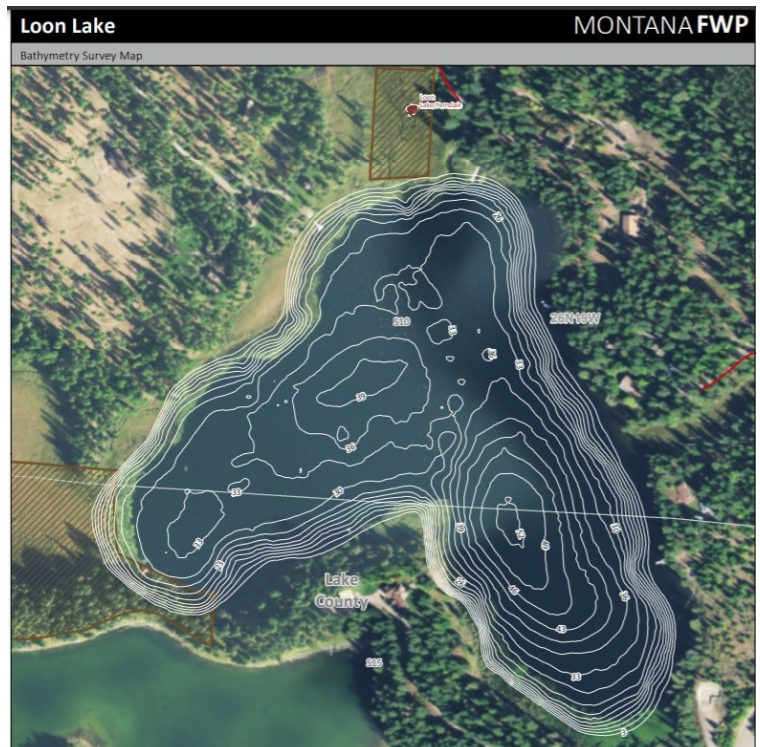
Fish distribution includes largemouth bass, longnose sucker, rainbow trout, smallmouth bass, and yellow perch. Loon Lake is stocked annually with rainbow trout. For more information see: <https://fwp.mt.gov/fish/stocking.html>

ADDITIONAL INFORMATION

- There is no current NMLN citizen volunteer.



Location: 48.022217 N, 113.988721 W



LAKE METRICS SUMMARY AND SCORES

Metric	Score	Description
Cold-water fish habitat	Medium-High	Oxygen profiles show that it has been between avoidance and anoxic concentration thresholds for salmonids at depths greater than 7 meters. 2013 Hydrolab profiles show high temperatures approaching 75 degrees.
Nutrient Levels	Medium-Low	Loon Lake often ranks medium-low among small lakes for total phosphorus, total nitrogen, and chlorophyll (a).
Nutrient Trend	Consistent	There is no apparent trend.
Trophic Status	Oligo-mesotrophic	Carlson's Trophic Index trend shows Loon Lake is consistently oligo-mesotrophic.
Dreissenid Colonization Potential (Calcium)	High	Loon Lake's 2010, 2011, and 2016 average calcium concentration was 40.7mg/L classifying it as a high risk for zebra mussel colonization. The 2012 alkalinity level was reported at 170 mg
Known AIS infestations	Severe	Fragrant water pondlily

