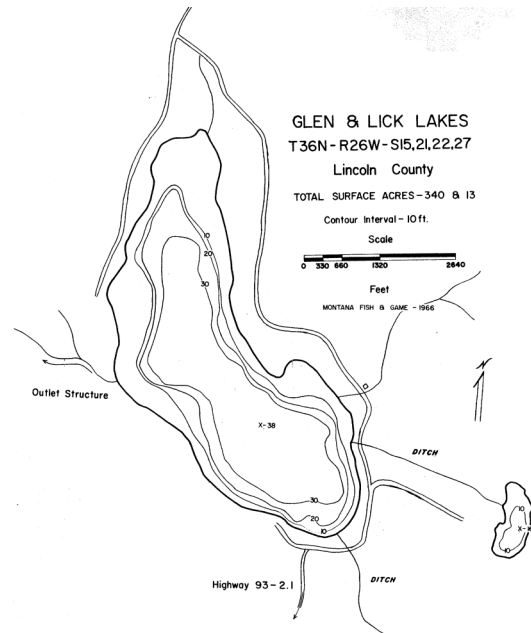


Glen Lake

Surface Area: 301 acres
Maximum Depth: 40 feet (12.2 meters)
Drainage Size: 4,839 acres
Shoreline Length: 18,091 feet (3.43 miles)
Elevation: 2,999 feet (914 meters)

GENERAL INFORMATION

Glen Lake is located in Lincoln County. Surrounding land ownership is 100% private. There is one motorized public access site located on the northeast side of the lake. Glen Lake's catchment area is composed of alluvium (65%) and the Piegan group belt series (Ellis and Craft, 2008).



Location: 48.86221 N, 114.9481

FISHERIES INFORMATION

Fish stocking records indicate a presence of kokanee and rainbow trout. For more information see: <https://fwp.mt.gov/fish/stocking.html>

ADDITIONAL INFORMATION

- Current NMLN citizen volunteers include: Guenter Heinz



Volunteer Guenter Heinz en route to the Glen Lake monitoring location.

LAKE METRICS SUMMARY AND SCORES

Metric	Score	Description
Cold-water fish habitat	Medium	Temperature and oxygen profiles show that Glen Lake was either evenly mixed or weakly stratified during summer sampling dates. Temperature profiles indicate that the lake has been within the avoidance threshold range for salmonids at depths of up to 6 meters during July and August.
Nutrient Levels	Low	Glen Lake often ranks low among medium 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 Glen Lake is consistently oligotrophic.
Dreissenid Colonization Potential (Calcium)	Moderate to high	Glen Lake's 2010, 2011, and 2016 average calcium concentration was 28.3mg/L classifying it as a moderate to high risk for zebra mussel colonization. The 2012 alkalinity level was reported at 150mg/L.
Known AIS infestations	None	

