

Rogers Lake

Surface Area: 239 acres

Maximum Depth: 19 feet (5.8 meters)

Drainage Size: 3,006 acres

Shoreline Length: 15,373 feet (2.91 miles)

Elevation: 3,999 feet (1,219 meters)

GENERAL INFORMATION

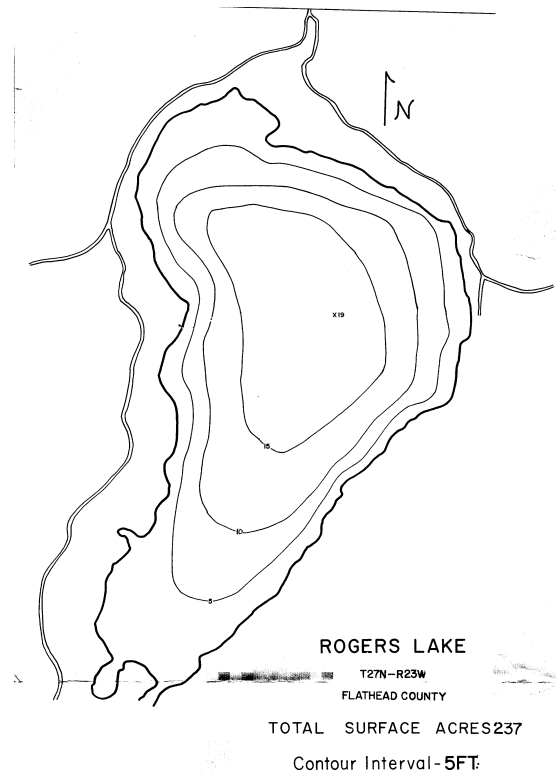
Rogers Lake is located in Flathead County. Surrounding land ownership is primarily private and Forest Service. There is one primitive motorized public access located on the north end of the lake. The catchment is dominated by the Wallace formation belt series (75%) with the rest as glacial till (Ellis & Craft, 2008).

FISHERIES INFORMATION

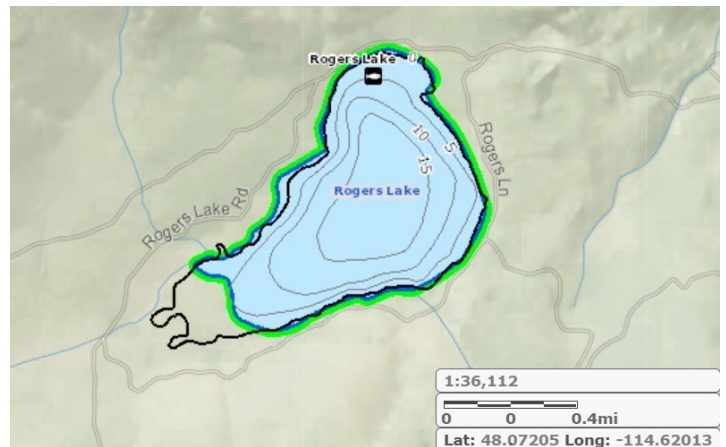
Rogers Lake is stocked annually with arctic grayling and westslope cutthroat trout. Fish distribution records indicate a presence of arctic grayling, redbelt shiner, and westslope cutthroat trout. For more information see: <https://fwp.mt.gov/fish/stocking.html>

ADDITIONAL INFORMATION

- Current NMLN citizen volunteers include: Jim Cutting and John Winnie



Location: 48.067059 N, 114.604093 W



LAKE METRICS SUMMARY AND SCORES

Metric	Score	Description
Cold-water fish habitat	Medium	Temperature and oxygen profiles show that Rogers Lake was evenly mixed during summer sampling. Temperature profiles indicate that the lake has been within the avoidance threshold range for salmonids at depths of up to 5 meters during August. Oxygen profiles vary considerably from year to year.
Nutrient Levels	Medium-high	Rogers Lake often ranks medium to high among medium lakes for total phosphorus, total nitrogen, and chlorophyll (a).
Nutrient Trend	Consistent	No trend is apparent.
Trophic Status	Meso-oligotrophic	Carlson's Trophic Index trend shows Rogers Lake is consistently meso-oligotrophic.
Dreissenid Colonization Potential (Calcium)	Moderate	The lake's 2010, 2011 and 2016 average calcium concentration was 20.8 mg/L classifying it as a moderate risk for zebra mussel colonization. The 2012 alkalinity level was reported at 81 mg/L.
Known AIS infestations	None	

