

Lake Five

Surface Area: 152 acres

Maximum Depth: 62 feet (9.1 meters)

Shoreline Length: 17,898 feet (3.39 miles)

Elevation: 3,258 feet (993 meters)

GENERAL INFORMATION

Lake Five is located in Flathead County in the Hungry Horse Ranger District. A new motorized public access site was constructed in the fall of 2011 on the southeast end of the lake. Lake Five's drainage basin is dominated by glacial till (68%) with the remainder lying in the Grinnell argillite belt series (Ellis & Craft, 2008).

FISHERIES INFORMATION

Lake Five is stocked annually with rainbow trout, kokanee, and brook trout. Fish distribution records indicate a presence of brook trout, kokanee, largemouth bass, longnose sucker, northern pike minnow, pumpkinseed, rainbow trout, walleye, westslope cutthroat trout, and yellow perch. For more information see: <https://fwp.mt.gov/fish/stocking.html>

ADDITIONAL INFORMATION

- Current NMLN citizen volunteers include: Ron Ridenour, Jean Pinski, and Mike Kopitzke



Location: 48.46573 N, 114.012494 W



Volunteer Ron Ridenour and his dog Cody cruising on Lake Five.

LAKE METRICS SUMMARY AND SCORES

Metric	Score	Description
Cold-water fish habitat	Medium	Temperature and oxygen profiles show that Lake Five was stratified during summer sampling dates. Temperature profiles indicate that Lake Five has been within the avoidance threshold range for salmonids at depths of up to 9 meters during August. Oxygen profiles show that Lake Five has been between avoidance and anoxic concentration thresholds for salmonids at depths greater than 13 meters.
Nutrient Levels	Medium	Lake Five often ranks medium for medium lakes for total phosphorus, total nitrogen, and chlorophyll (<i>a</i>).
Nutrient Trend	Slightly decreasing	Phosphorous has slightly decreased in the last few years.
Trophic Status	Meso-oligotrophic	Carlson's Trophic Index trend shows Lake Five is consistently meso-oligotrophic.
Dreissenid Colonization Potential (Calcium)	High	Lake Five's 2010, 2011, and 2016 average calcium concentration was 42.4mg/L classifying it as a high risk for zebra mussel colonization. The 2012 alkalinity level was reported at 150mg/L.
Known AIS infestations	None	

