

# Ashley Lake

**Surface Area: 2,850 acres**

**Maximum Depth: 225 feet (68.6 meters)**

**Drainage Size: 21,488 acres**

**Shoreline Length: 89,760 feet (17 miles)**

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

## GENERAL INFORMATION

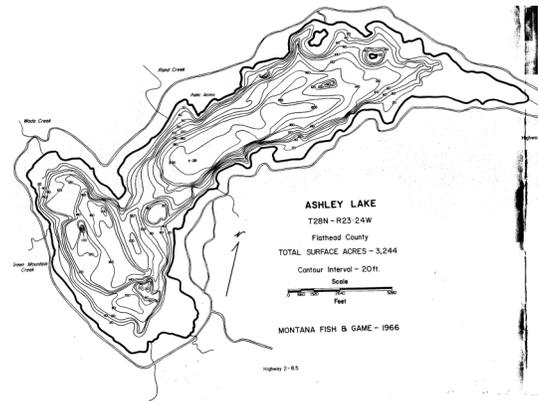
Ashley Lake is located in Flathead County. There is one motorized public access site located on the northeast side of the lake. The catchment is composed of the Wallace formation belt series (59%), glacial lake deposits (26%) and the Ravalli group belt series (Ellis & Craft, 2008).

## FISHERIES INFORMATION

Fish distribution records indicate a presence of kokanee, longnose sucker, pygmy whitefish, rainbow trout, westslope cutthroat trout, and yellow perch. For more information see: <https://fwp.mt.gov/fish/stocking.html>

## ADDITIONAL INFORMATION

- The program has two monitoring locations on Ashley Lake (East and West).
- Current NMLN citizen volunteers include: Denise Lafaver



Location:

Ashley Lake East – 48.21303 N, 114.59737 W

Ashley Lake West – 48.20261 N, 114.62091 W



*Volunteers, Les Hart, Denise Lafaver, and Nancy Hart on Ashley Lake.*

## LAKE METRICS SUMMARY AND SCORES

Metric	Score	Description
Cold-water fish habitat	High	Temperature and oxygen profiles show that both monitoring sites on Ashley Lake were stratified during summer sampling. Hydrolab profiles indicate that the lake was mixed or weakly stratified during fall sampling dates.
Nutrient Levels	High	Ashley Lake often ranks high among large lakes for total phosphorus, total nitrogen, and chlorophyll ( <i>a</i> ).
Nutrient Trend	Consistent	No trend is apparent for either east or west side of the lake, however surface water temperatures are increasing.
Trophic Status	Oligo-mesotrophic	Carlson's Trophic Index trend shows Ashley Lake is consistently oligo-mesotrophic.
Dreissenid Colonization Potential (Calcium)	High	Ashley Lake's 2010, 2011, and 2016 average calcium concentration was 33.8mg/L classifying it as a high risk for zebra mussel colonization. The 2012 alkalinity level was reported at 130mg/L.
Known AIS infestations	None	In 2011-2104, a EWM survey was conducted near the public access site yielding no suspect results. Northern milfoil was found near the boat ramp, and additional surveying is recommended based on lake size, ease of access, and level of recreational use.

