



Barr Lake Water Quality Report



April 23, 2025

Water Summary

Barr Lake is sampled twice a month between March and October and monthly between November and February. The Barr Lake and Milton Reservoir Watershed Association coordinates all the efforts to monitor, test, and improve the water quality in Barr Lake. Regular lake sampling started in 2002.

April – Barr Lake just cleared up. Water clarity went from just under 3 feet to over 12 feet in only two weeks. Zooplankton are grazing on the crop of diatoms in the water causing much better water clarity. This increase in grazing and decrease in photosynthesis is causing much lower pH and dissolved oxygen levels. This has become the norm for the end of April. The water depth remains steady for the month of April. We will see how much it comes up during the snow melt season. The April snowpack for the S. Platte River basin is at 84% of median so it is slightly down. Statewide, the Colorado snowpack is at 68% of median. We will see if we have a warm or cold May.



Watershed News

Boating season started on April 1st at Barr Lake. Coming up next is Earth Day, April 22nd. 3rd Annual Carp Tournament is scheduled for June 7th. National Archery Day will be May 10th. Keep up to date on Barr Lake and Milton Reservoir activities by going to www.barr-milton.org.

Join BMW Association

BARR LAKE AND MILTON RESERVOIR ASSOCIATION

The BMW Association's mission is to improve the water quality by encouraging cooperation, involvement, and awareness with people living near and upstream of Barr.

You can learn more about the lake and what is going on in the watershed by going to www.barr-milton.org.

Contact Sami Miller, watershed coordinator, at miller.sami@outlook.com.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 04-23-25)

Maximum Depth: 31.2 feet (between dam outlets) Water Temperature: 54.0° F (taken 3 feet below surface)

Water Clarity: 12.1 feet (≥ 3 feet is good) Dissolved Oxygen: 65.8% (>80% is good)

pH: 8.09 (between 6 and 9 is good) Chlorophyll-a: <10.0 ppb (How green, ≤ 25 is good)

