

# Lake Levels



## Description

Lake level monitoring was conducted with the purpose of understanding lake hydrology, including the impact of climate or other water budget changes. These data are useful for regulatory, building/development, and lake management decisions. Lake gages were installed by the Anoka Conservation District, surveyed by the Minnesota DNR, and data collected by volunteers.

All historical data are available on the Minnesota DNR website using the “LakeFinder” feature.

<https://www.dnr.state.mn.us/lakefind/index.html>

### Locations

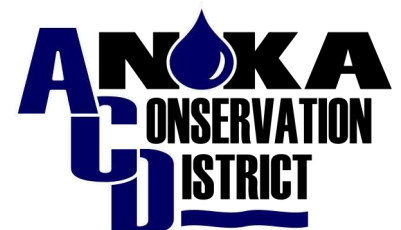
- See next page.

### Monitoring Schedule

1x week preferred  
April to November  
(ice-out conditions)

### Parameters

- Lake water level



# Lake Levels

## 2024 Lake Level Summary



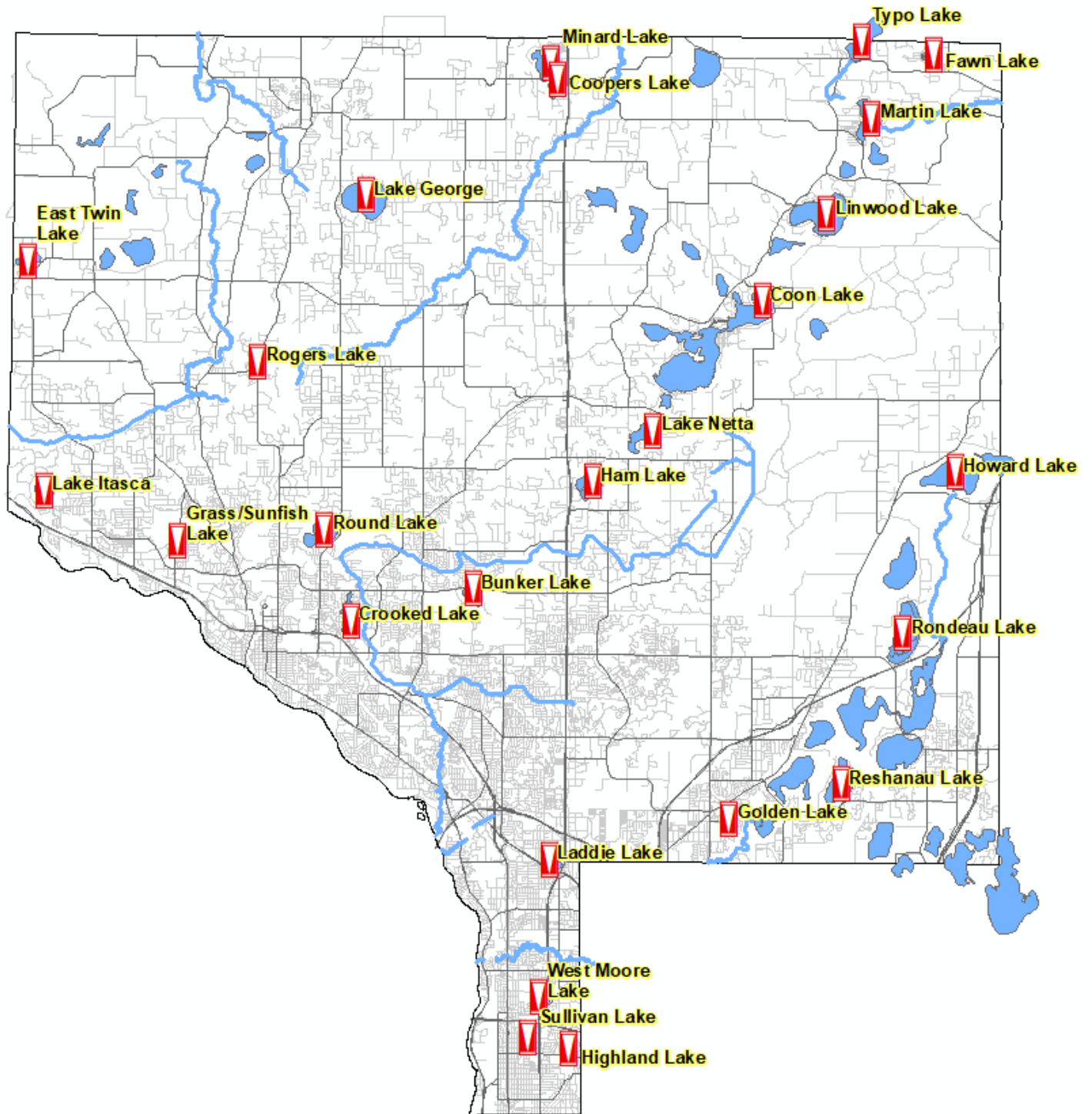
### Lakes

Below is a list of lakes categorized by their watershed management organization and watershed district. The hyperlinks in the table below are linked to their respective MN DNR [LakeFinder](#) page.

SRWMO	URRWMO	LRRWMO	RCWD	CCWD	MWMO
<a href="#">Fawn</a>	<a href="#">East Twin</a>	<a href="#">Round</a>	<a href="#">Reshanau</a>	<a href="#">Ham</a>	<a href="#">Sandy / Sullivan</a>
<a href="#">Linwood</a>	<a href="#">George</a>	<a href="#">Itasca</a>	<a href="#">Howard</a>	<a href="#">Crooked</a>	<a href="#">Highland</a>
<a href="#">Martin</a>	<a href="#">Coopers</a>	<a href="#">Rogers</a>	<a href="#">Moore</a>	<a href="#">Laddie</a>	
<a href="#">Coon</a>	<a href="#">Minard</a>	<a href="#">Grass / Sunfish</a>	<a href="#">Rondeau</a>	<a href="#">Netta</a>	
<a href="#">Typo</a>			<a href="#">Golden</a>	<a href="#">Bunker</a>	
SRWMO	Sunrise River Watershed Management Org.		RCWD	Rice Creek Watershed District	
URRWMO	Upper Rum River Watershed Management Org.		CCWD	Coon Creek Watershed District	
LRRWMO	Lower Rum River Watershed Management Org.		MWMO	Mississippi Watershed Management Org.	

# Lake Level Map

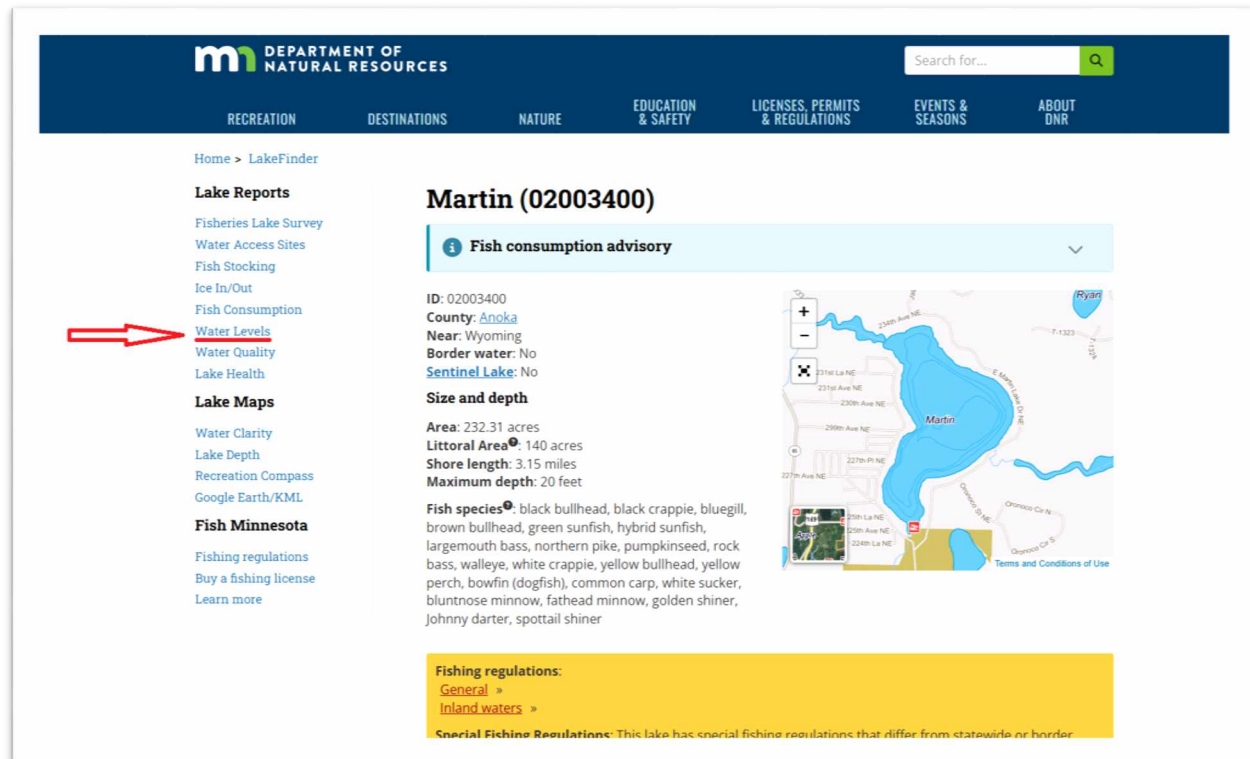
Below is a map of lakes in Anoka County that were monitored in 2024.



# LakeFinder - How To View Data

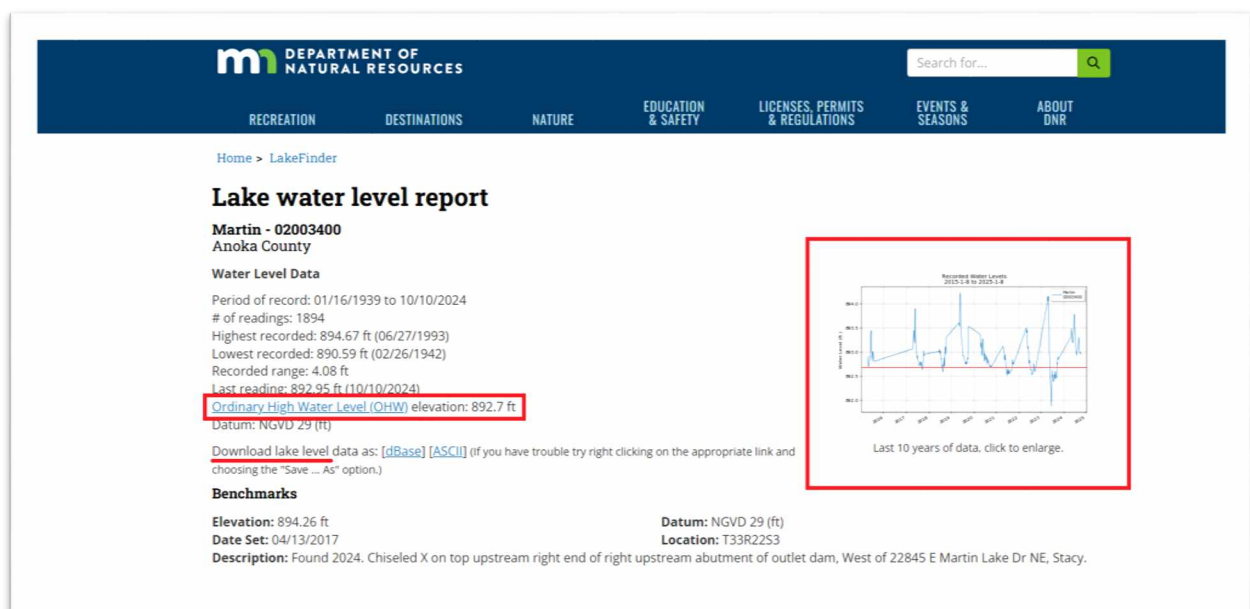
MN DNR's [LakeFinder](#) is an online tool that finds and displays detailed information about most lakes in Minnesota. Information available includes fishing regulations; location; water access sites; lake maps; lake reports on stocking; ice in/out and water quality; fish consumption; and aquatic plant surveys.

To view lake level monitoring data, click the "Water Levels" report on the side.



The screenshot shows the LakeFinder interface for Lake Martin (02003400). The left sidebar contains a list of reports: Fisheries Lake Survey, Water Access Sites, Fish Stocking, Ice In/Out, Fish Consumption, **Water Levels** (highlighted with a red arrow), Water Quality, Lake Health, Lake Maps, Water Clarity, Lake Depth, Recreation Compass, Google Earth/KML, Fish Minnesota, Fishing regulations, Buy a fishing license, and Learn more. The main content area displays the lake's details, including its ID (02003400), County (Anoka), Near (Wyoming), Border water (No), Sentinel Lake (No), Size and depth (Area: 232.31 acres, Littoral Area: 140 acres, Shore length: 3.15 miles, Maximum depth: 20 feet), and Fish species (black bullhead, black crappie, bluegill, brown bullhead, green sunfish, hybrid sunfish, largemouth bass, northern pike, pumpkinseed, rock bass, walleye, white crappie, yellow bullhead, yellow perch, bowfin (dogfish), common carp, white sucker, bluntnose minnow, fathead minnow, golden shiner, Johnny darter, spottail shiner). A map of the lake is shown on the right. Below the details, there is a section for Fishing regulations, including General, Inland waters, and Special Fishing Regulations.

Afterwards, you can view a graph that shows all monitoring data within the last 10 years. Additionally, you can find critical information such as the Ordinary High Water Level (OHW), or you can download the full dataset in its entirety.



The screenshot shows the 'Lake water level report' for Lake Martin (02003400) in Anoka County. The report includes the following information:

- Water Level Data**
  - Period of record: 01/16/1939 to 10/10/2024
  - # of readings: 1894
  - Highest recorded: 894.67 ft (06/27/1993)
  - Lowest recorded: 890.59 ft (02/26/1942)
  - Recorded range: 4.08 ft
  - Last reading: 892.95 ft (10/10/2024)
  - Ordinary High Water Level (OHW) elevation: 892.7 ft**
  - Datum: NGVD 29 (ft)
- Benchmarks**
  - Elevation: 894.26 ft
  - Date Set: 04/13/2017
  - Description: Found 2024. Chiseled X on top upstream right end of right upstream abutment of outlet dam, West of 22845 E Martin Lake Dr NE, Stacy.
- Download lake level data as:** [dBase](#) [ASCII](#) (if you have trouble try right clicking on the appropriate link and choosing the "Save ... As" option.)
- Graph:** A line graph showing the lake's water level over the last 10 years. The graph is titled 'Recorded Water Levels 2015-1-8 to 2024-1-8' and shows a fluctuating water level with a red line indicating the OHW. A red box highlights the graph and the OHW information.



## Volunteer Appreciation

The Anoka Conservation District would like to thank our volunteers for all their great work during the 2024 monitoring season. State-wide data networks are made up of thousands of dedicated volunteers and provide some of the oldest and most reliable data in the state. These historical data sets are crucial for accurate trend analysis and assist in making informed management decisions. The data provided by volunteers helps verify lake levels, provides critical information during flooding events, monitors drought conditions, and provides needed guidance on Minnesota's changing climate. Some of ACD's volunteers have been long time participants and have contributed data for over 15+ years.



Additional water quality monitoring information can be found on the Anoka Conservation District Water Almanac :

<https://www.anokaswcd.org/water-almanac.html>

