

Rice Lake

Rice Lake lies within the City of Maple Grove. The lake has a surface area of 252 acres and an average depth of 1.9m (6.2 ft). The maximum depth is 3.4 m (11 ft). Because of the shallowness of the lake, the entire area is considered littoral zone and it does not maintain a thermocline. Eurasian water milfoil was documented to be present in the lake in 1996. There is a carry-in public access to the lake.

This was the first year that Rice Lake has been involved in CAMP. A search through the STORET nationwide water quality database for historic data on the lake showed that Secchi transparency measurements were collected along with user perception rankings for the years 1991, 1993 and 2002-2007. Dissolved oxygen measurements were collected in 1993. However, the CAMP 2007 data is the first year of known data collected for nutrients and chlorophyll-a.

The lake was monitored 10 times between late-June and mid-October 2007.

The lake received a grade of F for 2007. As mentioned earlier, there are no nutrient data available for the lake other than the 2007 CAMP data. Therefore, there are not sufficient data to determine long-term or short-term trends. To better understand the lake's water quality and where it may be heading, additional years of data collection are needed.

The average perceived physical and recreational conditions (ranked on a 1-to-5 scale) were 3.9 for physical condition (4—high algal color) and 4.0 for recreational suitability (4—no swimming, boating ok).

The Fisheries Section of the Minnesota Department of Natural Resources (MDNR) has conducted a fisheries survey on Rice Lake. Information of the survey can be obtained through the MDNR Fisheries Section by calling 651.297.4916 or by visiting the website at <http://www.dnr.state.mn.us/lakefind>.

If you notice any errors in the lake data or physical information for Cowley, Henry or Rice Lakes, or are aware of any additional or missing information, please contact Brian Johnson of the Metropolitan Council at 651.602.8743 or brian.johnson@metc.state.mn.us.

Rice Lake 2007 Summer (May-September) Data Summary

<i>Parameter</i>	<i>Mean</i>	<i>Minimum</i>	<i>Maximum</i>	<i>Grade</i>
TP (µg/l)	222.1	144.0	327.0	F
CLA (µg/l)	97.7	9.2	150.0	F
Secchi (m)	0.6	0.4	0.9	F
TKN (mg/l)	3.80	2.80	5.20	
			Overall Grade	F

