

Lake of the Woods

Swope Park



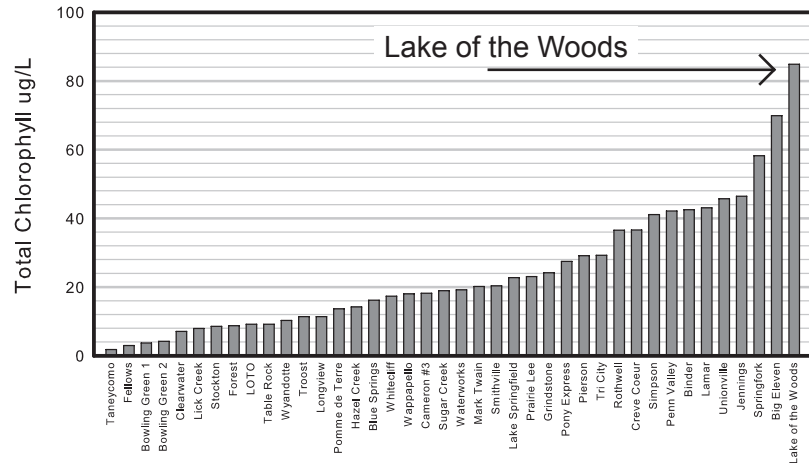
2011 DATA

Jackson County
Latitude: 38.9954 Longitude: -94.5206

Date	X	X	X	X	7/17	8/7	8/28	9/19	Mean
Secchi (inches)					28	18	28	29	25
TP (µg/L)					106	202	118	109	129
TN (µg/L)					760	1440	910	990	996
CHL (µg/L)					47.4	227.1	56.7	21.1	59.9
ISS (mg/L)					4.2	4.8	7.8	6.9	5.7

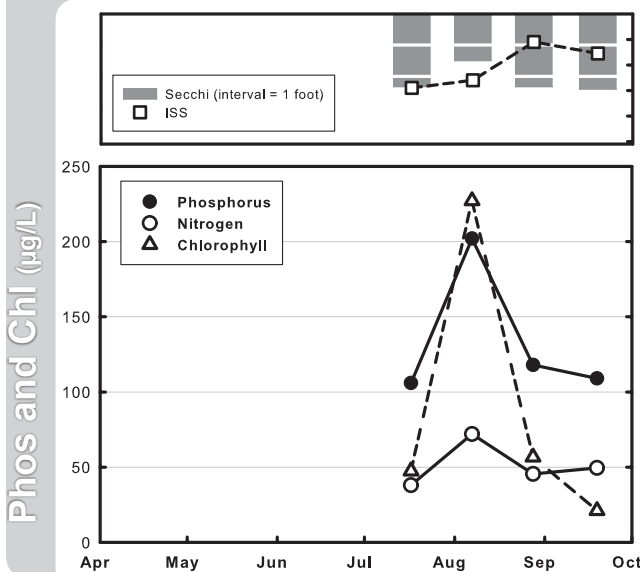
Lake of the Woods is located in Swope Park, in the metro Kansas City area. Lake of the Woods is approximately 7.7 acres and has a watershed size of approximately 800 acres. The watershed contains a considerable proportion of forested land, but also contains a golf course and residences.

Sampling at Lake of the Woods began on July 17, during the middle of the sampling season. 2011 water clarity was just over 2 feet, on average. Lowest water clarity measurement was on August 7, when an algae bloom was occurring. The chlorophyll concentration was 227 µg/L on that day, compared to the lake's 2011 geometric mean of 60 µg/L.



Lake of the Woods had the highest mean "summer" (May 15 - September 15) chlorophyll concentration of any LMVP lake in 2011. See figure above for reference.

2011 GRAPHS



TREND GRAPHS

Not enough data available to characterize a trend

ISS (mg/L)
Nitrogen (µg/L)

See page 3 for help interpreting graphs