

Longview Lake



2009 DATA

Jackson County
Latitude: 38.9210 Longitude: -94.4661

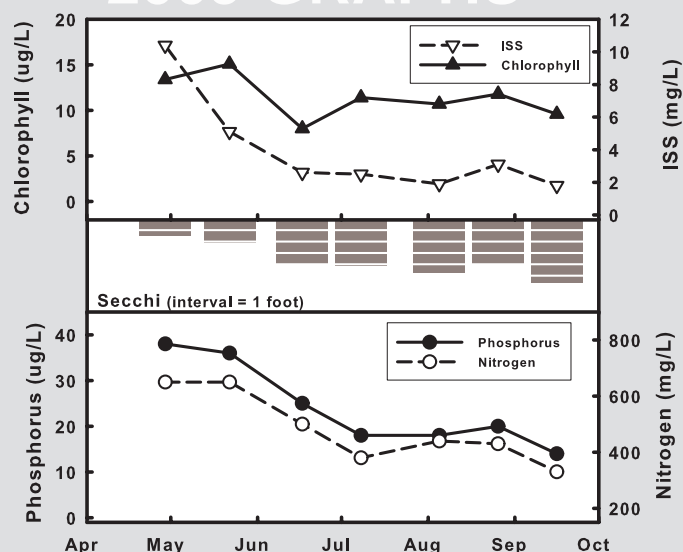
Date	4/29	5/22	X	6/17	7/8	8/5	8/26	9/16	Mean
Secchi (inches)	18	25		48	49	57	48	67	41
TP (µg/L)	38	36		25	18	18	20	14	23
TN (µg/L)	650	650		500	380	440	430	330	469
CHL (µg/L)	13.4	15.1		8.0	11.4	10.7	11.8	9.6	11.2
ISS (mg/L)	10.4	5.1		2.6	2.5	1.9	3.1	1.8	3.2

Longview Lake, part of the Jackson County Park system, has been monitored nearly continuously since 1992, and was sampled 7 times in 2009.

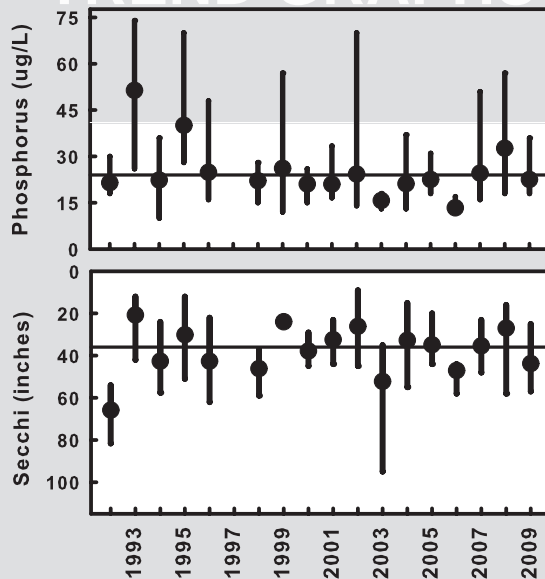
Longview Lake began the 2009 season with low water clarity (Secchi), but cleared by mid-June and clarity stayed above 4 feet for the remainder of the season. The low water clarity in the early part of the season coincided with the season's highest concentrations of nutrients and sediments, indicating that runoff associated with spring rains likely played a role. Water quality in Longview Lake was quite stable from mid-Jun through the remainder of the season.

The 2009 mean phosphorus value was just below the long-term mean and well within the limits of the recently adopted nutrient criteria. Overall, seasonal mean phosphorus concentrations have been very consistent in Longview Lake, with exceptions being the flooding events of 1993, 1995 and 2008. Water clarity was better than average in 2009, but only by 8 inches. The best clarity observed occurred in 1992 and 2003. There are no trends apparent at Longview Lake.

2009 GRAPHS



TREND GRAPHS



See pages 10-11 for help interpreting graphs