

Lick Creek Lake

Boone County

2008 DATA



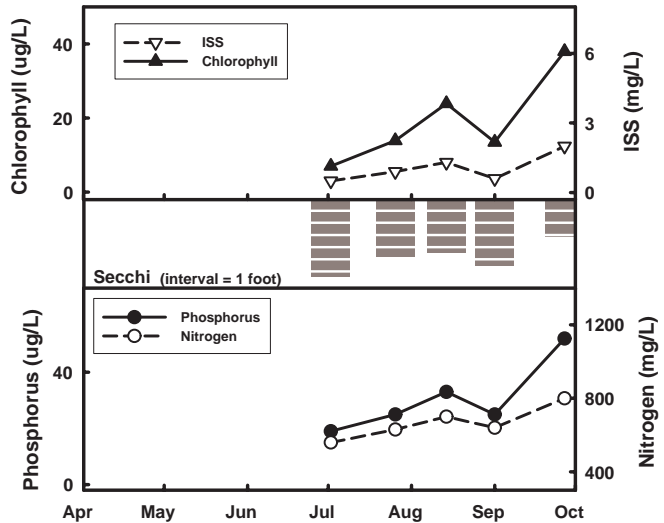
Date	Secchi (inches)	TP (µg/L)	TN (µg/L)	CHL (µg/L)	ISS (mg/L)
7/2	77	19	560	7.0	0.5
7/26	58	25	630	13.9	0.9
8/14	54	33	700	23.9	1.3
9/1	66	25	640	13.5	0.6
9/27	38	52	800	38	2.0
Mean	57	29	661	16.4	0.9

2008 SUMMARY

2008 was the first year that Lick Creek was sampled for the LMVP. Sampling began on July 2, so the first half of the sampling season is not represented.

Nutrients, chlorophyll and sediments generally increased across the second half of the sampling season. Accordingly, Secchi transparencies generally declined during the same time-frame.

Nutrient, chlorophyll and ISS concentrations were quite low for a lake in this region of Missouri, likely due to the nearly complete coverage of the watershed with forested land.



TRENDS

2008 was the first year of LMVP sampling, so no trend data are available. Here is some information about the area from the MDC website:

The Lick Creek Conservation Area, named for Lick Creek that runs through the area's west end, is made up of approximately 317 acres.

The area was farmed in the early part of the century until severe erosion and poor economic conditions forced farmers to abandon the area for crops. For about 30+ years from the 1930's to the late 1960's,

the area was used for pasture for livestock. In 1968, Monte Gurwit purchased the area for recreational purposes. Later in 1972, the current 12-acre lake was built. Missouri Department of Conservation did not purchase the area until 1992.

At one time, the area was bisected by an old county road and had a house on it just south of the lake near the parking lot. The natural resources include upland hardwoods, bottomland hardwoods, a 12-acre lake, Lick Creek, a 4-acre pine plantation, and advanced old field succession.