

Weaver Lake

The mean phosphorus concentration for 2001 was 44.4 µg/L. Weaver Lake was first sampled in 1981. The Commission has a goal of 35 µg/L for Category I lakes. The long-term mean phosphorus concentration for Weaver Lake is 36.2 µg/L with a 5-year mean of 40.1 µg/L. Weaver Lake has not met its phosphorus goal 9 times out of 12 since 1989. The mean chlorophyll a concentration for 2001 in Weaver Lake was 63.0 µg/L. The average Secchi Disk Transparency was 1.8 meters (6.0 feet) in 2001. Total nitrogen average for 2001 was 1.31 mg/L. Sampling data for Weaver Lake can be found in Appendix 5.

Sample ID	Sample Date	Secchi m	Temp °C	Cond mS/cm	pH	TP µg/L	SRP µg/L	TN mg/L	Chl a µg/L	Alkalinity mg/L
WEAVER	4/26/01	1.30	10.50	.290		62.71		1.20	31.41	
WEAVER	5/15/01	4.00	19.29	.410	7.95	24.46		.95	1.39	116.0
WEAVER	5/30/01	5.55				34.00		.90	5.60	
WEAVER	6/12/01	3.00	21.86	.394	8.63	37.00		.89	18.70	70.0
WEAVER	6/27/01	1.10	25.51	.331	8.06	40.00		1.30	26.60	
WEAVER	7/10/01	.53	26.69	.356	8.68	48.00		1.30	25.92	
WEAVER	7/23/01	.62	29.62	.335	8.83	54.00		1.50	44.67	
WEAVER	8/7/01	.30	31.71	.354	9.00	50.84		2.00	93.72	
WEAVER	8/21/01	.40				49.65		1.72		
WEAVER	9/11/01	.63	20.97	.366		39.00	1.48	1.43	34.79	85.9
WEAVER	10/2/01	1.74	17.16	.391	8.30	34.00		1.16	9.98	
WEAVER	10/22/01	2.87	10.68	.406	7.90	58.50	20.00	1.43	6.45	90.9
	Mean	1.84		.36	8.42	44.35	10.74	1.31	27.20	90.69
	Std. Dev.	1.67		.04	.42	11.38	13.10	.33	25.96	19.08
	Summer Mean (June - Sept)	.94		.36	8.64	45.50	1.48	1.45	40.73	77.93

