

Lake Lanier Index - March 2017

QUALITY INDICATORS	March 2017	PREVIOUS MONTH	PRIOR YEAR	COMMENTS
TEMPERATURE (degrees Fahrenheit)	55.3	50.5	52	The Lake is already warming, up 4.8 degrees
LAKE LEVEL (feet above sea level)	1060.95	1060.91	1071	Still over 10 feet lower than last year!
SECCHI (feet)				Wonderful clarity near the dam and in Cocktail Cove over 17 feet.
Section A	5.3	5.8	3.2	
Section B	9.4	10	6.6	
Section C	17.1	9.8	11.9	
Overall Average	7.9	7.7	5.9	
CHLOROPHYLL (micrograms per liter)				We had three readings above 10 in Wahoo Creek, Thompson Bridge, and Little River. Wahoo was especially high.
Section A	10.5	10.4	8.2	
Section B	2.9	5.3	8	
Section C	1.9	2.9	3.2	
Overall Average	6.6	7.5	7.3	
Lake Lanier Index	7	6.5	5.5	Slightly higher chl a and the similar Secchi

Section "A" North of Brown's Bridge. "B" center region South of the Bridge to a line from Six Mile Creek East to Aqualand Marina. "C" South of this line to Buford Dam

25 Stations Tested by Volunteers the First Week of Every Month

Secchi Readings are taken by lowering a weighted disk into the water & measuring the distance it can be seen thus giving a gauge of clarity

Chlorophyll is used to determine nutrients in the lake

Lake Lanier Index is a measure of nutrients and clarity, NOT water safety

Thanks to Gwinnett Water Lab for our chlorophyll a analysis, our Adopt-A-Lake volunteers and Lake Lanier Assoc. Members