

Lake Lanier Index - January 2017

QUALITY INDICATORS	January 2017	PREVIOUS MONTH	PRIOR YEAR	COMMENTS
TEMPERATURE (degrees Fahrenheit)	52	57	53	The Lake cooled 5 degrees from December
LAKE LEVEL (feet above sea level)	1060.26	1060.83	1073.2	Just look at the 2016 level!
SECCHI (feet)				High 14 feet in Cocktail Cove. Low 2 feet in Wahoo Creek The lower Secchi readings in Sect. A due to rain and low Lake levels. Overall readings slightly higher than in 2016.
Section A	4	5.8	*	
Section B	9.1	7.8	*	
Section C	13.5	8.7	*	
Overall Average	7.7	7	*	
CHLOROPHYLL (micrograms per liter)				We had two readings above 10 in Wahoo Creek and off Ahaluna Dr. The chlorophyll a average dropped 1.3 micrograms
Section A	8.4	9.3	*	
Section B	3.6	3.2	*	
Section C	1.8	3.1	*	
Overall Average	5.3	6.6	*	
Lake Lanier Index	7	6.5	*	Lower chl _a and higher 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

*** Insufficient data due to high Lake levels in January 2016**