

Lake Lanier Index - September 2017

QUALITY INDICATORS	September 2017	PREVIOUS MONTH	PRIOR YEAR	COMMENTS
TEMPERATURE (degrees Fahrenheit)	76	84	83	The Lake is another 8 degrees cooler
LAKE LEVEL (feet above sea level)	1065.3	1065.2	1065.8	The Lake is up another tiny bit
SECCHI (feet)				Our lowest was in Wahoo Creek of 2 feet and the highest of 15.9 near the dam.
Section A	5.9	7.5	6.5	
Section B	8.8	8.5	7.9	
Section C	10.8	11.2	8.6	
Overall Average	9.4	8.3	7.6	
CHLOROPHYLL (micrograms per liter)				Our chlorophyll a readings were much higher over most of the Lake probably due to heavy rains from hurricane Irma.
Section A	11.3	7.5	6.9	
Section B	5.7	3.7	5	
Section C	3	2.2	4.1	
Overall Average	8	4.8	5.4	
Lake Lanier Index	5.5	6.5	6	Secchi readings were slightly higher however our chlorophyll readings jumped significantly

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