

Lake Lanier Index - August 2017

QUALITY INDICATORS	August 2017	PREVIOUS MONTH	PRIOR YEAR	COMMENTS
TEMPERATURE (degrees Fahrenheit)	84	85.1	87	The Lake cooled slightly and 3 degrees cooler than 2016
LAKE LEVEL (feet above sea level)	1065.2	1065.1	1066.5	The Lake is up a tiny bit
SECCHI (feet)				Our lowest was in Wahoo Creek of 1.7 and the highest of 15.9 near the dam.
Section A	7.5	7.1	5.9	
Section B	8.5	9.4	7.5	
Section C	11.2	8.8	9.8	
Overall Average	8.3	8.3	6.3	
CHLOROPHYLL (micrograms per liter)				We had a reading above 20 in Wahoo Creek probably due to the continued warm and shallow water. This was our only reading above 10
Section A	7.5	4.3	9.4	
Section B	3.7	2.7	5.1	
Section C	2.2	2.4	3.5	
Overall Average	4.8	3.3	6.1	
Lake Lanier Index	6.5	6.5	6	Slightly better Secchi and higher chlorophyll again we will stay at 6.5

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