

Lake Lanier Index - July 2017

QUALITY INDICATORS	July 2017	PREVIOUS MONTH	PRIOR YEAR	COMMENTS
TEMPERATURE (degrees Fahrenheit)	85.1	81.6	84.5	The Lake warmed 3.5 degrees
LAKE LEVEL (feet above sea level)	1065.1	1064.3	1067.5	The Lake is up almost a foot from June
SECCHI (feet)				The lowest was off a dock in Dawson County and the highest off Garrett Rd. near the dam.
Section A	7.1	5.9	5.3	
Section B	9.4	8.8	7.5	
Section C	8.84	8.7	9.5	
Overall Average	8.3	7.1	6.9	
CHLOROPHYLL (micrograms per liter)				We had one reading above 10 in Wahoo Creek same as last month
Section A	4.3	4.9	8.6	
Section B	2.7	3.1	3.8	
Section C	2.4	1.8	3	
Overall Average	3.3	3.5	5.7	
Lake Lanier Index	6.5	6.5	6	Slightly better chlorophyll and Secchi readings so 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