

Lake Lanier Index - November 2016

QUALITY INDICATORS	November 2016	PREVIOUS MONTH	PRIOR YEAR	COMMENTS
TEMPERATURE (degrees Fahrenheit)	69	76	61	The Lake is 8 degrees warmer than 2015
LAKE LEVEL (feet above sea level)	1062.33	1064.29	1067.5	We need more rain!
SECCHI (feet)				High 14 feet in Cocktail Cove. Low 3.6 feet near Don Carter Park. Readings slightly worse than in 2015
Section A	5.7	5	3.8	
Section B	9.7	9.4	7.9	
Section C	9.7	9.5	14.6	
Overall Average	7.2	7.2	7.3	
CHLOROPHYLL (micrograms per liter)				We had three readings above 10 in the Upper Chattahoochee and 2 in the Little River/Wahoo Creek area. Our averages were similar to last month and 2015
Section A	10.5	9.5	8.5	
Section B	4.6	5.6	6	
Section C	4.6	5.4	2.5	
Overall Average	7.5	7.5	6.4	
Lake Lanier Index	6	6	6	

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