

Hunter (Hernando County) Florida LAKEWATCH Water Chemistry Summary

Location: Latitude 28°26'26", Longitude 82°37'20"

Period of record: 84 sampling dates; June 27, 1991 to May 18, 2001

Surface Area (Shafer et al. 1986): 302 acres

Lake Region (Griffith et al. 1997): Weeki Wachee Hills (75-17)

Geologic formation (Brooks 1981a):

The geology is dominated by sand dunes and well sorted fine sand of the Pleistocene

Physiographic region (Brooks 1981b):

The lake lies in the Oklawaha Valley division of the Ocala Uplift District

Periodic water chemistry data

Numbers reported below are the minimum, average, and maximum value for the 2 sampling dates:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term color concentrations (Pt-Co units)	13	14	14

Long-term Florida LAKEWATCH Data

Numbers reported below are the minimum, average and maximum value for the 84 months sampled:

	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
Long-term total phosphorus concentrations (µg/L)	9	15	35
Long-term total nitrogen concentrations (µg/L)	650	904	1820
Long-term total chlorophyll concentrations (µg/L)	1.0	4.5	29.7
Long-term Secchi depth (ft)	3.5	6.8	10.0

2001 Florida LAKEWATCH Data

Numbers reported below are monthly averages calculated from 3 stations for total phosphorus (TP, µg/L), total nitrogen (TN, µg/L), chlorophyll (CHL, µg/L) and Secchi depth (SECCHI, ft) during 2001:

<u>Date</u>	<u>TP (µg/L)</u>	<u>TN (µg/L)</u>	<u>CHL (µg/L)</u>	<u>SECCHI (ft)</u>
Jan-17	14	1150	2.7	.
Feb-21	14	1083	1.0	.
Apr-13	15	1097	2.0	.
May-18	23	1787	6.0	.
2001 Average	16	1279	2.9	.