

Water-Data Report 2009

**02310950 LAKE DEESON NEAR LAKELAND, FL**

Tampa Bay Basin  
Withlacoochee Subbasin

LOCATION.--Lat 28°06'37", long 81°55'51" referenced to North American Datum of 1927, in NW ¼ sec.29, T.27 S., R.24 E., Polk County, FL, Hydrologic Unit 03100208, on south shore of lake, 5.0 mi northeast of intersection of U.S. Highways 92 and 98 in Lakeland.

DRAINAGE AREA.--0.96 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--July 1954 to March 1960 (fragmentary); May 1965 to June 1995; July 1995 to September 2009 (weekly), discontinued.

GAGE.--Nonrecording gage. Datum of gage is 114.00 ft above NGVD of 1929; gage readings have been reduced to elevations above NGVD of 1929. Prior to Oct. 21, 2008, gage at same site at datum 2.00 ft higher. Prior to Nov. 16, 2000, gage at same site at datum 4.21 ft higher. Prior to Oct. 17, 1957, nonrecording gage at same site at datum 22.25 ft higher and Oct. 17, 1957 to March 1960, at datum 22.79 ft higher. May 1965 to June 1995, water-stage recorder at present site and datum.

REMARKS.--Surface area 116 acres (0.18 mi<sup>2</sup>). Lake is landlocked except at extreme high stages when flow is to the northeast to the headwaters of Gator Creek. Since Dec. 14, 1973, elevation of lake affected by pumpage into lake from nearby deep well.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 135.49 ft, Sept. 28, 1954; minimum observed, 117.58 ft, May 4, 2009.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 119.70 ft, Oct. 6; minimum observed, 117.58 ft, May 4.

02310950 LAKE DEESON NEAR LAKELAND, FL—Continued

LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET  
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009  
 DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	119.20	---	---	---	---	---	---	---	---	---
2	---	---	---	---	118.88	118.60	---	---	---	---	---	---
3	---	119.48	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	117.58	---	---	---	---
5	---	---	---	119.02	---	---	---	---	---	---	---	---
6	119.70	---	---	---	---	---	118.06	---	---	---	118.64	---
7	---	---	---	---	---	---	---	---	---	---	118.62	---
8	---	---	119.16	---	---	---	---	---	118.20	---	---	---
9	---	---	---	---	118.82	118.54	---	---	---	---	---	---
10	---	119.40	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	118.96	---	---	---	---	118.18	---	---	---
13	119.64	---	---	---	---	---	117.98	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	119.04	---
15	---	---	119.12	---	---	---	---	---	118.10	---	---	---
16	---	---	---	---	118.78	118.44	---	---	---	---	---	---
17	---	119.30	---	---	118.84	---	---	---	---	---	---	---
18	---	---	119.17	---	---	---	---	---	---	---	---	---
19	---	---	---	118.96	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	117.92	---	---	---	---	---
21	119.52	---	---	---	---	---	---	---	---	---	119.18	---
22	---	---	119.14	---	---	---	---	---	---	---	---	---
23	---	---	---	118.90	---	118.26	---	117.82	---	---	---	---
24	---	---	---	---	118.72	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	118.58	---	---
27	119.50	---	---	---	---	---	117.76	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	119.08	---	---	---	---	---	118.46	---	119.35	---
30	---	---	---	---	---	118.26	---	---	---	---	---	---
31	---	---	---	---	---	---	---	118.22	---	118.66	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

