

280503081552801 Local number Fish Lake Deep Well near Lakeland, FL.

Floridan aquifer system
 Floridan Aquifer System

Polk County, FL

LOCATION.--Lat 28°05'03", long 81°55'28" referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.32, T.27 S., R.24 E., Polk County, FL, Hydrologic Unit 03100101, 50 ft east of Lake Park Drive, 1.4 mi south of Old Combee Road, and 3.5 mi northeast of Lakeland. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 311 ft. Upper casing diameter 4 in; top of first opening 265 ft, bottom of last opening 311 ft. Drilled, observation, artesian well, cased to 265 ft.

DATUM.--Land-surface datum is 135.93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.90 ft above land-surface datum, Aug. 2, 2000, to present. Prior to Aug. 2, 2000, elevation of land-surface datum was 134.84 ft NGVD of 1929.

PERIOD OF RECORD.--February 1956; January 1974 to September 2011 (bimonthly), discontinued.

GAGE.--Bimonthly measurement with chalked or electric tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 119.14 ft above NGVD of 1929, Aug. 18, 1979; lowest measured, 103.60 ft above NGVD of 1929, May 10, 1976.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: T, electric tape; S, steel tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 4	112.94	T	--	May 24	109.17	S	--
Dec 6	111.37	T	--	Jun 8	108.07	T	--
Feb 3	111.51	T	--	Aug 3	109.90	T	--
Mar 24	111.23	T	--	Sep 15	112.34	S	--

Water year 2011 lowest: 108.07, Jun 8, 2011, highest: 112.94, Oct 4, 2010