

280229081325201 Local number Lake Hatchineha Road Well near Lake Hamilton, FL.

Floridan aquifer system
Floridan Aquifer System

Polk County, FL

LOCATION.--Lat 28°02'28.5", long 81°32'48.8" referenced to North American Datum of 1983, in SE ¼ SE ¼ SE ¼ sec.18, T.28 S., R.28 E., Polk County, FL, Hydrologic Unit 03090101, on north side of State Highway 542, 5.0 mi east of town of Lake Hamilton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 463 ft. Upper casing diameter 8.00 in; top of first opening 137 ft, bottom of last opening 463 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 93.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.10 ft above land-surface datum, Mar. 14, 1967, to present.

PERIOD OF RECORD.--January 1963 to September 2010 (periodic); October 2010 to September 2011 (miscellaneous water level measurements), discontinued. Records of water levels prior to January 1974 are not published but are available in files of the Geological Survey. Prior to October 1979, published as Lake Hamilton Well near Lake Hamilton.

REVISED RECORDS.--The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1978, are in error. Revised records are in files of the Geological Survey.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.45 ft NGVD, Oct. 13, 2004; lowest measured, 74.43 ft NGVD, June 6, 1985.

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

[Measurement method: 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	81.89	S	--	Sep 15	80.24	S	--
May 23	78.86	S	--				

Water year 2011 lowest: 78.86, May 23, 2011, highest: 81.89, Oct 4, 2010