

281630080591001 Local number TH-3 Lake Poinsett SW near New Eden, FL.

Floridan aquifer system
Floridan Aquifer System

Osceola County, FL

LOCATION.--Lat 28°16'30", long 80°59'10" referenced to North American Datum of 1927, in SW ¼ SW ¼ SE ¼ sec.26, T.25 S., R.33 E., Osceola County, FL, Hydrologic Unit 03080101, 40 ft north of County Road 532, 3.9 mi west of intersection of County Road 532 and County Road 419, and 8.7 mi east of New Eden. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 360 ft. Upper casing diameter 4 in; top of first opening 246 ft, bottom of last opening 360 ft. Drilled, observation, artesian well, cased to 246 ft.

DATUM.--Land-surface datum is 59.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1 ft below land-surface datum, Sept. 23, 2003, to present. Prior to Sept. 23, 2003, measuring point at land-surface datum.

PERIOD OF RECORD.--December 1979 to September 1982, May 1984 to September 1992 (semiannually); October 1992 to September 1994 (monthly); May 1995 to September 2001 (semiannually); October 2001 to current year (monthly).

GAGE.--Monthly measurements with steel or electric tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.06 ft above NGVD of 1929, Sept. 11, 1995; lowest measured, 32.24 ft above NGVD of 1929, May 13, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[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 31	37.41	S	--	Apr 26	34.12	S	--
Nov 30	37.30	S	--	May 30	34.39	S	--
Jan 3	36.75	S	--	Jun 28	35.84	S	--
30	35.82	S	--	Jul 30	36.01	S	--
Feb 27	35.37	S	--	Aug 29	36.79	S	--
Mar 28	35.14	S	--	Sep 27	37.60	S	--

Water year 2012 lowest: 34.12, Apr 26, 2012, highest: 37.60, Sep 27, 2012