



Water-Data Report 2011

**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, Sep. 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 2010 TO SEPTEMBER 2011**

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

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 28	35.81	T	--	Apr 28	34.99	T	--
Nov 23	35.41	T	--	May 31	33.33	T	--
Dec 28	34.50	T	--	Jun 28	33.05	T	--
Jan 31	35.64	T	--	Aug 1	35.34	T	--
Feb 28	35.72	T	--	31	36.30	T	--
Mar 30	35.10	T	--	Sep 27	36.55	T	--

Water year 2011 lowest: 33.05, Jun 28, 2011, highest: 36.55, Sep 27, 2011