

Water-Data Report 2011

**264002082012801 Local number L 2700.**

Intermediate aquifer system  
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°40'02.0", long 82°01'27.9" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.5, T.44 S., R.23 E., Lee County, FL, Hydrologic Unit 03100103, at intersection of Tropicana Parkway and NW 24th Place in median, 2 mi north of Pine Island Road and 3.8 mi northeast of Matlacha Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 205 ft. Upper casing diameter 4 in.; top of first opening 165 ft, bottom of last opening 205 ft. Artesian well, open hole 165 to 205 ft.

DATUM.--Land-surface datum is 7.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in. steel cap, 9.54 ft above National Geodetic Vertical Datum of 1929, Oct. 30, 1978, to present. Prior to October 1989, measuring point was top of casing, 9.16 ft above NGVD.

PERIOD OF RECORD.--October 1978 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with pressure gage or chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.0 ft NGVD, Sept. 27, 1979; lowest, 42.65 ft below NGVD, Mar. 21, 2007.

**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 20	-32.72	S	--	Apr 25	-41.32	S	--
Dec 16	-31.90	S	--	Jul 5	-33.25	S	--
Feb 24	-34.53	S	--	Aug 25	-26.22	S	--

Water year 2011 lowest: -41.32, Apr 25, 2011, highest: -26.22, Aug 25, 2011