



Water-Data Report 2012

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; 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: From Oct. 30, 1978, to present, measuring point has been top of 4-in. steel cap, 9.54 ft above National Geodetic Vertical Datum of 1929. 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, 48.79 ft below NGVD, Apr. 19, 2012.

**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 21	-26.24	S	--	Apr 19	-48.79	S	--
Dec 30	-33.53	S	--	Jun 18	-40.44	S	--
Feb 15	-39.07	S	--	Aug 29	-23.59	S	--

Water year 2012 lowest: -48.79, Apr 19, 2012, highest: -23.59, Aug 29, 2012