

Water-Data Report 2011

**263041081433101 Local number L 1983.**

Intermediate aquifer system  
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°30'43.0", long 81°43'31.9" referenced to North American Datum of 1983, in SW ¼ SW ¼ SW ¼ sec.33, T.45 S., R.26 E., Lee County, FL, Hydrologic Unit 03090204, 1.25 mi north of Alico Road, 1.85 mi east of Airport Haul Road, 2.5 mi west of U.S. Interstate 75 and 7.2 mi northeast of Estero Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 345 ft. Upper casing diameter 4 in.; top of first opening 321 ft, bottom of last opening 345 ft. Artesian well, open hole 321 to 345 ft.

DATUM.--Land-surface datum is 26.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of cap, 28.92 ft above National Geodetic Vertical Datum of 1929, Dec. 1974 to present.

PERIOD OF RECORD.--December 1974 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Records of water levels prior to October 1975 are available in files of the U.S. Geological Survey. Prior to 1996, monthly measurements were made using a pressure gage. Well was also used for salinity monitoring from October 1985 to April 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.1 ft NGVD, Oct. 29, 1975; lowest, 18.94 ft NGVD, July 22, 2009.

**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 26	23.85	S	--	Apr 27	21.79	S	--
Dec 29	23.25	S	--	Jul 13	20.96	S	--
Jan 20	23.01	S	--	Aug 25	21.66	S	--
Feb 22	22.73	S	--				

Water year 2011 lowest: 20.96, Jul 13, 2011, highest: 23.85, Oct 26, 2010