

Water-Data Report 2012

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; 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: From Dececeber 1974 to present, measuring point has been top of cap, 28.92 ft above National Geodetic Vertical Datum of 1929.

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 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 25	23.02	S	--	Apr 20	21.32	S	--
Jan 3	23.30	S	--	Jun 21	20.15	S	--
Feb 21	22.58	S	--	Aug 27	21.26	S	--

Water year 2012 lowest: 20.15, Jun 21, 2012, highest: 23.30, Jan 3, 2012