

Water-Data Report 2011

**263718081485001 Local number L 1973.**

Intermediate aquifer system  
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°37'20.4", long 81°48'49.9" referenced to North American Datum of 1983, in NW ¼ SW ¼ NE ¼ sec.28, T.44 S., R.25 E., Lee County, FL, Hydrologic Unit 03090205, at Eastwood Golf Course, 176 ft south of Vince Smith Drive, 0.15 mi west of Ortiz Avenue, 3.9 mi southeast of Fort Myers Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 225 ft. Upper casing diameter 4 in.; top of first opening 172 ft, bottom of last opening 225 ft. Artesian well, open hole 172 to 225 ft.

DATUM.--Land-surface datum is 19.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 22.51 ft above National Geodetic Vertical Datum of 1929 (NGVD), April 1981 to present. From Sept. 1974 to Mar. 1981, Top of casing was 22.54 ft above NGVD. From April 1981 to September 1997, top of casing was considered to be 22.54 ft above NGVD. See REMARKS.

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

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Conductivity and chloride profiles for previous years are available in files of the U.S. Geological Survey. Records of water levels prior to October 1975 are available in files of the U.S. Geological Survey. A correction of -0.03 ft is required to correct water-level data from April 1981 to September 1997. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.50 ft NGVD, Sept. 17, 1974; lowest, 29.75 ft below NGVD, Feb. 23, 2005.

**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	-8.02	S	--	Apr 25	-14.29	S	--
Dec 16	-10.91	S	--	Jul 5	-14.18	S	--
Feb 24	-11.77	S	--	Aug 25	-6.38	S	--

Water year 2011 lowest: -14.29, Apr 25, 2011, highest: -6.38, Aug 25, 2011