

Water-Data Report 2012

263718081485003 Local number L 2292.

Intermediate aquifer system
Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°37'20.8", long 81°48'50.1" referenced to North American Datum of 1983, in SW ¼ NE ¼ sec.28, T.44 S., R.25 E., Lee County, FL, Hydrologic Unit 03090205, at Eastwood Golf Course, 159 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 616 ft. Upper casing diameter 4; top of first opening 302 ft, bottom of last opening 616 ft. Artesian well, open hole 302 to 616 ft.

DATUM.--Land-surface datum is 20.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Nov. 16, 2005, to present, measuring point has been top of faucet hole, for chalked- tape measurement, 22.54 ft above National Geodetic Vertical Datum of 1929 (NGVD). From August 1976 to present, measuring point has been for pressure gage, top of 8-in. casing, 22.3 ft above NGVD.

PERIOD OF RECORD.--August 1976 to June 1978 (intermittent), October 1981 to September 1993 (monthly), October 1993 to September 1994 (intermittent), October 1994 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape or pressure gage. Water elevation above the measuring point is measured with the pressure gage.

REMARKS.--Records of water levels prior to October 1982 are available in files of the U.S. Geological Survey. The approximately 10 ft decrease in water levels that occurred in May 2002 is believed to have resulted from shift of water usage in this area from the Caloosahatchee River to the lower Hawthorn aquifer.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.9 ft NGVD, Sept. 13, 1993 and Aug. 28, 1995; lowest, 6.76 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	-2.27	S	--	Apr 19	-6.76	S	--
Dec 30	-4.08	S	--	Jun 21	-4.73	S	--
Feb 15	-5.88	S	--	Aug 29	-2.44	S	--

Water year 2012 lowest: -6.76, Apr 19, 2012, highest: -2.27, Oct 21, 2011