



Water-Data Report 2012

**263257081585701 Local number L 2642.**

Intermediate aquifer system  
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°32'56.7", long 81°58'56.7" referenced to North American Datum of 1983, in SE ¼ SW ¼ sec.14, T.45 S., R.23 E., Lee County, FL, Hydrologic Unit 03090205, in the median of Pelican Boulevard, 150 ft north of El Dorado Parkway West, 1 mi south of Cape Coral Parkway and 2.5 mi southwest of the Cape Coral Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 160 ft. Upper casing diameter 4; top of first opening 108 ft, bottom of last opening 160 ft. Artesian well, open hole 108 to 160 ft.

DATUM.--Land-surface datum is 5.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: From May 19, 1978, to present, measuring point has been top of casing, 7.82 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to August 1979 (bimonthly), October 1979 to October 1980 (semiannual), January 1981 to September 2009 (monthly), October 2009 to August 2012 (discontinued).

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well was monitored for salinity until September 2004. Conductivity and chloride profiles for previous water years are available in the files of the U.S. Geological Survey. Records of water level, prior to October 1980, are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.14 ft below NGVD, Aug. 1, 1978; lowest, 41.49 ft below NGVD, June 15, 2004.

**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 17	-14.51	S	--	Apr 30	-23.41	S	--
Jan 5	-16.72	S	--	Jun 20	-21.53	S	--
Feb 16	-19.36	S	--	Aug 30	-13.66	S	--

Water year 2012 lowest: -23.41, Apr 30, 2012, highest: -13.66, Aug 30, 2012