

Water-Data Report 2012

**263253082014201 Local number L 2643.**

Intermediate aquifer system  
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°32'56", long 82°01'50" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.17, T.45 S., R.23 E., Lee County, FL, Hydrologic Unit 03100103, in the median of El Dorado Boulevard West, 100 ft east of Sands Boulevard, and 5.3 mi west of the Cape Coral Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 200 ft. Upper casing diameter 4; top of first opening 141 ft, bottom of last opening 200 ft. Artesian well, open hole 141 to 200 ft. See REMARKS.

DATUM.--Land-surface datum is 6.53 ft above National Geodetic Vertical Datum of 1929. Measuring point: From June 23, 1981, to present, measuring point has been top of casing, 9.28 ft above National Geodetic Vertical Datum of 1929 (NGVD). From Feb. 9, 1981, to June 23, 1981, measuring point was top of shelf, 9.35 ft above NGVD. From Sept. 5, 1978, to Feb. 9, 1981, measuring point was top of casing, 9.28 ft above NGVD. From Aug. 23, 1978, to Sept. 5, 1978, measuring point was top of shelf, 12.43 ft above NGVD. From Aug. 1, 1978, to Aug. 23, 1978, measuring point was top of shelf, 10.13 ft above NGVD. From June 3, 1978, to Aug. 1, 1978, measuring point was top of shelf, 9.33 ft above NGVD. Prior to June 3, 1978, measuring point was top of casing, 9.28 ft above NGVD.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly), October 1979 to September 1980 (semiannual), October 1980 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 levels, prior to October 1980, are available in the files of the U.S. Geological Survey. The well was originally open to the aquifer from 141 to 200 ft. The well's open interval has collapsed or become obstructed at a depth of 145 ft.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.13 ft NGVD, Sept. 28, 1978; lowest, 30.56 ft below NGVD, May 19, 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	-.70	S	--	Apr 30	-5.85	S	--
Jan 5	-2.26	S	--	Jun 20	-4.76	S	--
Feb 16	-3.82	S	--	Aug 30	-.05	S	--

Water year 2012 lowest: -5.85, Apr 30, 2012, highest: -.05, Aug 30, 2012