

Water-Data Report 2012

263242081572101 Local number L 2244.

Intermediate aquifer system
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°32'43", long 81°57'18" referenced to North American Datum of 1927, in SE ¼ NW ¼ NW ¼ sec.19, T.45 S., R.24 E., Lee County, FL, Hydrologic Unit 03090205, in front yard of 931 Dolphin Drive, 4.5 ft north of Dolphin Drive, 0.5 mi west of Driftwood Parkway and 1.5 mi southwest of Cape Coral Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 207 ft. Upper casing diameter 4; top of first opening 150 ft, bottom of last opening 207 ft. Artesian well, open hole 150 to 207 ft.

DATUM.--Land-surface datum is 5.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: From December 1977 to present, measuring point has been top of casing, 4.58 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1977 to April 1988 (intermittent), May 1988 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well was used for salinity monitoring from April 1978 to April 2002. During the 2003 water year salinity monitoring was discontinued because of an obstruction that prevents sampling the well. Conductivity and chloride profiles for previous water years are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.29 ft below NGVD, Sept. 25, 1979; lowest, 44.97 ft below NGVD, May 25, 1994.

**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	-19.94	S	--	Apr 30	-31.93	S	--
Jan 5	-23.26	S	--	Jun 15	-29.91	S	--
Feb 16	-27.17	S	--	Aug 30	-19.83	S	--

Water year 2012 lowest: -31.93, Apr 30, 2012, highest: -19.83, Aug 30, 2012