



Water-Data Report 2011

262514081393402 Local number L 5664.

Intermediate aquifer system
Sandstone Aquifer

Lee County, FL

LOCATION.--Lat 26°25'16", long 81°39'38" referenced to North American Datum of 1983, in SE ¼ SE ¼ SE ¼ sec.36, T.46 S., R.26 E., Lee County, FL, Hydrologic Unit 03090204, on 6-L Ranch Road, 6 mi east of U.S. Interstate 75, and 2 mi south of Corkscrew Road, 8 mi southeast of Estero Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 300 ft. Upper casing diameter 4 in.; top of first opening 180 ft, bottom of last opening 300 ft. Artesian well, open hole 180 to 300 ft.

DATUM.--Land-surface datum is 21.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 21.28 ft above National Geodetic Vertical Datum of 1929 (NGVD), Jan. 1998 to present. From Oct. 1991 to Jan. 1998, measuring point was Top of coupling, 24.12 ft above NGVD. Prior to October 1991, top of coupling was considered to be 22.92 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--November 1982 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Records of water levels, prior to October 1983, are available in the files of the U.S. Geological Survey. The figures of water levels, as elevation in feet NGVD, prior to October 1991, are in error. Corrected records are in the files of the U.S. Geological Survey. See DATUM. Well was monitored for salinity from October 1982 to April 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.55 ft NGVD, July 31, 1984; lowest, 5.87 ft below NGVD, Apr. 20, 2009.

**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	6.61	S	--	Apr 29	-2.60	S	--
Dec 13	1.53	S	--	Jun 20	-3.38	S	--
Feb 23	-1.61	S	--	Aug 22	8.23	S	--

Water year 2011 lowest: -3.38, Jun 20, 2011, highest: 8.23, Aug 22, 2011