



Water-Data Report 2012

**263115081483502 Local number L 5801.**

Intermediate aquifer system  
Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°31'14", long 81°48'34" referenced to North American Datum of 1927, in NW ¼ SE ¼ NE ¼ sec.33, T.45 S., R.25 E., Lee County, FL, Hydrologic Unit 03090204, at golf course in Fiddlesticks Country Club, 0.75 mi west of U.S. Interstate 75 on Daniels Road and 1.5 mi south on Palomino Street to gate house, 0.25 mi west on Fiddlesticks Boulevard to Cannongate Drive, 0.1 mi south to Tweedale Circle. Golf cart path is behind lot 300.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 635 ft. Upper casing diameter 1; top of first opening 450 ft, bottom of last opening 635 ft. Artesian well, open hole 450 to 635 ft.

DATUM.--Land-surface datum is 19.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Nov. 20, 2007, to present, measuring point has been "X" mark on L-5641 casing, 21.63 ft above National Geodetic Vertical Datum of 1929 (NGVD). From Dec. 14, 2004, to Nov. 19, 2007, measuring point was top of 4-in. reducer, 20.23 ft above NGVD. From Mar. 4, 1992, to Aug. 14, 2004, measuring point was top of 4-in. coupling on well L-5641, 20.08 ft above NGVD. Prior to August 2004, measuring point was top of 4 in. coupling, on well L 5641, 20.08 ft above NGVD, but was incorrectly considered to be 27.80 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--March 1992 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 pressure gage.

REMARKS.--Well found leaking in October 2007. Well was reconstructed in November 2007 and re-surveyed in January 2008. In August 2004 water year the well was destroyed, then reconstructed and resurveyed in 2005. The land-surface datum and height of the measuring point were corrected. The figures of water as elevation, in ft NGVD, from May 1984 to October 2004, are in error. Corrected records are in files of the U.S. Geological Survey (-7.7 ft correction applied to pressure-gage records). See DATUM. The well was also monitored for salinity, October 1991 to September 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.7 ft NGVD, Oct. 7, 1993 (present datum); lowest, 39.5 ft NGVD, Dec. 22, 1998 and Apr. 26, 1999 (present datum).

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: G, pressure gage. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 24	43.0	G	--	Apr 23	42.0	G	--
Jan 3	42.3	G	--	Jun 22	42.6	G	--
Feb 21	42.9	G	--	Sep 6	44.4	G	--

Water year 2012 lowest: 42.0, Apr 23, 2012, highest: 44.4, Sep 6, 2012