



Water-Data Report 2012

262713081414701 Local number L 1985.

Surficial aquifer system
Nonartesian Sand Aquifer

Lee County, FL

LOCATION.--Lat 26°27'12", long 81°41'42" referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec.22, T.46 S., R.26 E., Lee County, FL, Hydrologic Unit 03090204, 20 ft north of Corkscrew Road, 5.55 mi east of U.S. Interstate 75, and 8.2 mi east of Estero Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 4; top of first opening 43 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 20.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Oct. 1, 2001, to present, measuring point has been top of 4-in. PVC casing, 20.95 ft above National Geodetic Vertical Datum of 1929 (NGVD). From Sept. 21, 1993, to Sept. 30, 2001, measuring point was top of 4-in. PVC casing, 20.96 ft above NGVD. From Oct. 1, 1992, to Sept. 21, 1993, measuring point was top of casing, 23.32 ft above NGVD. From Oct. 1, 1980, to Sept. 30, 1992, measuring point was top of shelf, 23.38 ft above NGVD. From Oct. 1, 1978, to Sept. 30, 1980, measuring point was top of shelf, 23.46 ft above NGVD.

PERIOD OF RECORD.--December 1974 to September 1978 (monthly), February 1978 to September 1992 (daily), October 1992 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 1975 are available in files of the U.S. Geological Survey. Well was monitored for salinity until April 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.73 ft NGVD, Aug. 2, 1991; lowest, 7.33 ft NGVD, May 7, 1990.

**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	17.20	S	--	May 1	13.20	S	--
Dec 19	17.07	S	--	Jun 21	12.76	S	--
Feb 23	16.01	S	--	Aug 29	17.74	S	--

Water year 2012 lowest: 12.76, Jun 21, 2012, highest: 17.74, Aug 29, 2012