



Water-Data Report 2012

264153082022301 Local number L 721.

Surficial aquifer system
Nonartesian Sand Aquifer

Lee County, FL

LOCATION.--Lat 26°41'53.9", long 82°02'21.8" referenced to North American Datum of 1983, in SW ¼ SW ¼ sec.30, T.43 S., R.23 E., Lee County, FL, Hydrologic Unit 03100103, at northwest corner of County Road 765 and Delilah Drive, 4.2 mi north of Pine Island Road and 5.1 mi northeast of Matlacha Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18 ft. Upper casing diameter 4; top of first opening 9 ft, bottom of last opening 18 ft.

DATUM.--Land-surface datum is 4.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: From June 28, 2009, to present, measuring point has been top of casing, 7.54 ft above National Geodetic Vertical Datum of 1929 (NGVD). From October 1989 to May 21, 2009, measuring point was top of casing, 8.85 ft above NGVD. From January 1972 to September 1989, measuring point was top of well cap, 8.98 ft above NGVD. From January 1970 to Dececeber 1971, measuring point was top of recorder shelf, 8.93 ft above NGVD. From October 1968 to Dececeber 1969, measuring point was top of well cap, 8.98 ft above NGVD. From July 1968 to September 1968, measuring point was top of well casing, 8.85 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--July 1968 to February 1970 (monthly), March 1970 to December 1971 (daily), January 1972 to September 1994 (monthly), October 1994 to September 1996 (quarterly), September 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. The well height was reduced June 28, 2009, as a result of nearby construction lowering the land elevation at the site. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.72 ft NGVD, July 25, 2001; lowest, 0.20 ft NGVD, Mar. 26, 1997.

**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 21	5.15	S	--	Apr 19	1.59	S	--
Dec 30	2.61	S	--	Jun 18	2.46	S	--
Feb 15	2.03	S	--	Aug 29	5.22	S	--

Water year 2012 lowest: 1.59, Apr 19, 2012, highest: 5.22, Aug 29, 2012