

Water-Data Report 2011

**264359081424701 Local number L 1975.**

Intermediate aquifer system  
Sandstone Aquifer

Lee County, FL

LOCATION.--Lat 26°43'59", long 81°42'45" referenced to North American Datum of 1927, in SE ¼ SE ¼ NE ¼ sec.16, T.43 S., R.26 E., Lee County, FL, Hydrologic Unit 03090205, at northwest corner of State Road 78 and North Olga Drive, and 6.5 mi west of Alva Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 168 ft, cased to 102 ft, screened 102 to 142 ft, cased 142 to 158 ft, open hole 158 to 168 ft.

DATUM.--Land-surface datum is 13.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: 'X' mark on top of 4-in. casing, 15.70 ft above National Geodetic Vertical Datum of 1929 (NGVD), Sept. 10, 2009, to present. From Oct. 1, 1995, to July 22, 2009, measuring point was top of 4-in. well cap, 15.59 ft above NGVD. From Dec. 1974 to Sept. 30, 1995, measuring point was top of casing, 15.52 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--December 1974 to September 1994 (monthly), October 1994 to July 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 found damaged August 17, 2009. Repaired and resurveyed on September 10, 2009. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.00 ft NGVD, Nov. 29, 1979; lowest, 4.17 ft NGVD, Feb. 25, 2000.

**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 26	9.71	S	--	Apr 25	7.74	S	--
Dec 28	10.24	S	--	Jun 15	6.28	S	--
Feb 23	9.91	S	--	Aug 29	12.13	S	--

Water year 2011 lowest: 6.28, Jun 15, 2011, highest: 12.13, Aug 29, 2011