

Water-Data Report 2012

264320081365701 Local number L 1977.

Intermediate aquifer system
Sandstone Aquifer

Lee County, FL

LOCATION.--Lat 26°43'19", long 81°36'56" referenced to North American Datum of 1927, in SE ¼ NE ¼ NE ¼ sec.21, T.43 S., R.27 E., Lee County, FL, Hydrologic Unit 03090205, 11.5 ft west of Parkinson Road, 300 ft north of State Road 78, and 0.7 mi northwest of Alva Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 185 ft, cased to 65 ft, screened 65 to 85 ft and cased 85 to 122 ft, open hole 122 to 185 ft.

DATUM.--Land-surface datum is 17.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Dec. 30, 2005, to present, measuring point has been top of casing, 20.74 ft above National Geodetic Vertical Datum of 1929 (NGVD). From March 2000 to November 2005, measuring point was top of casing, 17.20 ft above NGVD. From January 1999 to March 2000, top of casing was 17.79 ft above NGVD. Prior to May 1998, top of casing was 19.89 ft above NGVD.

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.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.18 ft NGVD, Sept. 1, 1988; lowest, 2.50 ft NGVD, Feb. 20, 2001.

**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 31	12.52	S	--	Apr 27	8.15	S	--
Jan 4	9.26	S	--	Jun 22	9.18	S	--
Feb 22	8.87	S	--	Sep 5	11.98	S	--

Water year 2012 lowest: 8.15, Apr 27, 2012, highest: 12.52, Oct 31, 2011