



Water-Data Report 2011

264608081454101 Local number L 2216.

Intermediate aquifer system
Sandstone Aquifer

Lee County, FL

LOCATION.--Lat 26°46'09", long 81°45'41" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.1, T.43 S., R.25 E., Lee County, FL, Hydrologic Unit 03090205, west side of State Road 31 at Lee/Charlotte County Line, and 10.0 mi northwest of Alva Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 150 ft. Upper casing diameter 4 in.; top of first opening 130 ft, bottom of last opening 150 ft. Artesian well, screened 130 to 150 ft.

DATUM.--Land-surface datum is 26.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 28.46 ft above National Geodetic Vertical Datum of 1929, Oct. 1, 2000, to present. Prior to October 2000, top of casing was considered to be 28.61 ft above NGVD.

PERIOD OF RECORD.--October 1975 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well was also used for salinity monitoring, May 1981 to January 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.16 ft NGVD, Oct. 6, 1992; lowest, 3.24 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	16.86	S	--	Apr 26	14.41	S	--
Dec 28	16.48	S	--	Jun 15	12.84	S	--
Feb 23	16.57	S	--	Aug 30	17.73	S	--

Water year 2011 lowest: 12.84, Jun 15, 2011, highest: 17.73, Aug 30, 2011