



Water-Data Report 2010

262706081435401 Local number L 1853.

Intermediate aquifer system
Sandstone Aquifer
Lee County, FL

LOCATION.--Lat 26°27'06", long 81°43'57" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.20, T.46 S., R.26 E., Lee County, FL, Hydrologic Unit 03090204, 17 ft north of Corkscrew Road, 3.2 mi east of U.S. Interstate 75, and 6.0 mi east of Estero Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 210 ft. Upper casing diameter 4 in.; top of first opening 130 ft, bottom of last opening 210 ft. Artesian well, open hole 130 to 210 ft.

DATUM.--Land-surface datum is 23.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 25.26 ft above National Geodetic Vertical Datum of 1929 (NGVD), Feb. 20, 2009, to present. From Nov. 1974 to Feb. 3, 2009, measuring point was top of casing, 24.80 ft above NGVD. Prior to October 2000, measuring point was considered to be 24.73 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--November 1974 to September 1995 (monthly), October 1995 to September 1996 (quarterly), October 1996 to November 2009. Discontinued. See REMARKS.

GAGE.--Monthly measurement with chalked tape.

REMARKS.--Destroyed by construction in December 2009. Replaced by well L-1853R. Records of water levels prior to October 1975 are available in the files of the U.S. Geological Survey. Well was monitored for salinity from May 1981 to 1992. The casing is cracked at approximately 15 ft. In January 2002, the well was resurveyed. The figures of water level as elevation, in feet NGVD, prior to October 2000, are in error. A correction of +0.07 ft is required to correct the water-level data. Well found damaged February 20, 2009, and will be replaced in WY 2010. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.13 ft NGVD, Sept. 22, 2004; lowest, 14.09 ft below NGVD, Mar. 26, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[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 28	6.41	S	--	Nov 20	4.29	S	--

Water year 2010 lowest: 4.29, Nov 20, 2009, highest: 6.41, Oct 28, 2009