

Water-Data Report 2011

262552081485702 Local number L 2295.

Surficial aquifer system
Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°25'52.4", long 81°48'53.7" referenced to North American Datum of 1983, in SW ¼ NE ¼ NW ¼ sec.33, T.46 S., R.25 E., Lee County, FL, Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi west of U.S. Highway 41, and 2.1 mi southeast of Estero Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 610 ft. Upper casing diameter 4 in.; top of first opening 300 ft, bottom of last opening 610 ft. Artesian well, open hole 300 to 610 ft.

DATUM.--Land-surface datum is 15.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in. well cap, 15.32 ft above National Geodetic Vertical Datum of 1929, Jan. 1, 1901, to present. Prior to March 2000, measuring point was top of casing, 18.01 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--July 1976 to September 1993 (monthly), October 1993 to September 1994 (intermittent), October 1994 September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with pressure gage.

REMARKS.--Records of water levels, prior to October 1976, are available in files of the U.S. Geological Survey. Well was monitored for salinity from June 1978 to April 1993. Well casing cut for curb box installation, February 25, 2000. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.3 ft NGVD, Oct. 29, 1987; lowest, 21.4 ft NGVD, Apr. 29, 2011.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: G, pressure gage; 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
Nov 10	31.6	G	--	Apr 29	21.4	G	--
Dec 13	31.5	S	--	Jun 23	27.2	G	--
Feb 23	32.5	G	--	Aug 29	31.4	G	--

Water year 2011 lowest: 21.4, Apr 29, 2011, highest: 32.5, Feb 23, 2011