

Water-Data Report 2010

263955082083101 Local number L 2527.

Intermediate aquifer system
Limestone Aquifer
Lee County, FL

LOCATION.--Lat 26°39'54.3", long 82°08'29.8" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.6, T.44 S., R.22 E., Lee County, FL, Hydrologic Unit 03100103, 19 ft west of H. Stringfellow Road (County Road 767), 3.95 mi north of Pine Island Road and 3.0 mi southeast of Bokeelia Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 605 ft. Upper casing diameter 4 in.; top of first opening 360 ft, bottom of last opening 605 ft. Artesian well, open hole 360 to 605 ft.

DATUM.--Land-surface datum is 9.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8-in. casing, 10.74 ft above National Geodetic Vertical Datum of 1929, Jan. 30, 1978, to present.

PERIOD OF RECORD.--January 1978 to September 1993 (monthly), October 1993 to September 1994 (intermittent), October 1994 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with pressure gage.

REMARKS.--Station also used for salinity monitoring, 1977 to 2000. Records of water levels prior to October 1978 are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.2 ft NGVD, Sept. 30, 1981, Aug. 25, 2008; lowest, 19.3 ft NGVD, Jan. 23, 2001.

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

[Measurement method: G, pressure gage. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 28	24.7	G	--	May 19	24.7	G	--
Dec 22	24.9	G	--	Jun 21	24.0	G	--
Feb 22	24.6	G	--	Aug 20	25.1	G	--
Apr 21	25.1	G	--	Sep 14	25.7	G	--

Water year 2010 lowest: 24.0, Jun 21, 2010, highest: 25.7, Sep 14, 2010