

Water-Data Report 2011

262944081560801 Local number L 2529.

Intermediate aquifer system
Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°29'15.0", long 81°56'24.7" referenced to North American Datum of 1983, in SW ¼ NE ¼ sec.7, T.46 S., R.24 E., Lee County, FL, Hydrologic Unit 03090204, on south side of Pine Ridge Road, east of State Road 865, and 2.6 mi north of Ft. Myers Beach Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 545 ft. Upper casing diameter 4 in.; top of first opening 304 ft, bottom of last opening 545 ft. Artesian well, open hole 304 to 545 ft.

DATUM.--Land-surface datum is 5.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of meter box, west side, 6.04 ft above National Geodetic Vertical Datum of 1929 (NGVD), Oct. 3, 1990, to present. From Jan. 1978 to Aug. 29, 1990, measuring point was Top of casing, 6.11 ft above NGVD.

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.--Records of water levels prior to October 1980 are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.0 ft NGVD, Nov. 30, 1981; lowest, 18.2 ft NGVD, June 3, 2011.

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

[Measurement method: H, calibrated pressure gage; 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 18	28.4	H	--	Jun 3	18.2	G	--
Dec 21	26.3	G	--	20	24.1	G	--
Feb 25	21.8	G	--	Aug 23	27.4	G	--
Apr 18	26.9	G	--	Sep 17	27.8	G	--

Water year 2011 lowest: 18.2, Jun 3, 2011, highest: 28.4, Oct 18, 2010