



Water-Data Report 2011

**264241081582401 Local number L 1110.**

Intermediate aquifer system  
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°42'39.8", long 81°58'25.4" referenced to North American Datum of 1983, in NW ¼ NW ¼ NW ¼ sec.25, T.43 S., R.23 E., Lee County, FL, Hydrologic Unit 03100103, northeast corner of Santa Barbara Boulevard and Jacaranda Parkway, 1 mi north of Kismet Parkway, 2 mi west of Del Prado Boulevard, 2 mi north of Pine Island Road, 2 mi west of U.S. Highway 41, and 3.25 mi north of Ft. Myers Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 238 ft. Upper casing diameter 2 in.; top of first opening 147 ft, bottom of last opening 238 ft. Artesian well, open hole 147 to 238 ft.

DATUM.--Land-surface datum is 15.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 15.70 ft above National Geodetic Vertical Datum of 1929 (NGVD), Mar. 20, 2007, to present. From Feb. 1970 to Mar. 20, 2007, Top of casing was 19.92 ft above NGVD.

PERIOD OF RECORD.--February 1970 to September 1993 (intermittent), October 1993 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Conductivity and chloride profiles for previous water years are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.38 ft NGVD, Oct. 12, 1976; lowest, 52.57 ft below NGVD, Mar. 20, 2007.

**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 20	-33.05	S	--	May 23	-45.48	S	--
Dec 16	-33.57	S	--	Jul 5	-38.74	S	--
Feb 24	-35.72	S	--	Aug 25	-31.85	S	--
Apr 25	-45.19	S	--	Sep 16	-30.38	S	--

Water year 2011 lowest: -45.48, May 23, 2011, highest: -30.38, Sep 16, 2011