



Water-Data Report 2011

264537081552202 Local number L 2646.

Intermediate aquifer system
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°45'37", long 81°55'21" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec.4, T.43 S., R.24 E., Lee County, FL, Hydrologic Unit 03100103, at intersection of Lakeville Drive and Dalewood Road, 14 ft east of Dalewood Road, 20 ft south of Lakeville Drive, 0.2 mi east of U.S. Highway 41, and 6.9 mi northwest of North Fort Myers Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 220 ft. Upper casing diameter 4 in.; top of first opening 170 ft, bottom of last opening 220 ft. Artesian well, open hole 170 to 220 ft.

DATUM.--Land-surface datum is 20.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 23.41 ft above National Geodetic Vertical Datum of 1929, May 26, 1978, to present. From October 1995 to September 1997, measuring point was incorrectly considered to be 23.16 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--May 1978 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Records of water levels prior to October 1978 are available in files of the U.S. Geological Survey. The figures of water levels, as elevation in feet NGVD, for the period October 1995 to September 1997 are in error. A correction of + 0.25 ft has been applied to correct water-level data. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.36 ft NGVD, Sept. 28, 1978; lowest, 1.81 ft NGVD, May 24, 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	11.86	S	--	Apr 25	6.77	S	--
Dec 16	10.68	S	--	Jul 5	8.87	S	--
Feb 24	8.79	S	--	Aug 25	11.29	S	--

Water year 2011 lowest: 6.77, Apr 25, 2011, highest: 11.86, Oct 20, 2010