

Water-Data Report 2011

263327081512001 Local number L 1121.

Intermediate aquifer system
Hawthorn Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°33'28", long 81°51'19" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.13, T.45 S., R.23 E., Lee County, FL, Hydrologic Unit 03090205, 120 ft east of the intersection of Fordham Street and Gorham Avenue, 65 ft east of backyard fence of house at 8766 Fordham Street, and 2 mi south of Ft. Myers Post Office at Page Field.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 220 ft. Upper casing diameter 2 in.; top of first opening 147 ft, bottom of last opening 220 ft. Artesian well, open hole 147 to 220 ft.

DATUM.--Land-surface datum is 15.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 16.16 ft above National Geodetic Vertical Datum of 1929, Aug. 18, 1970, to present.

PERIOD OF RECORD.--August 1970 to March 1971 (semiannual), May 1973 to April 1974 (annual), May 1975 to April 1978 (semiannual), June 1978 to August 1979 (bimonthly), September 1979 to May 1985 (semiannual), June 1985 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--The well has become obstructed at a depth of 98 ft, but the well remains in communication with the aquifer. Lowest water level measurable is -81.79 ft NGVD29, based upon depth of the well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.20 ft NGVD, Oct. 20, 1970; lowest, indeterminate, well was dry June 2011.

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

[Measurement method: S, steel tape. Water-level status: - - , static; D, site was dry (no water level was recorded).]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 18	-62.62	S	--	Apr 18	-72.22	S	--
Dec 21	-65.35	S	--	Jun 20		S	D
Feb 25	-66.95	S	--	Aug 30	-57.04	S	--

Water year 2011 lowest: -72.22, Apr 18, 2011, highest: -57.04, Aug 30, 2011