



Water-Data Report 2012

260941081324201 Local number C 974.

Intermediate aquifer system
Hawthorn Limestone Aquifer

Collier County, FL

LOCATION.--Lat 26°09'40.0", long 81°32'39.0" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.31, T.49 S., R.28 E., Collier County, FL, Hydrologic Unit 03090204, 30 ft south of 38th Avenue SE, 100 ft west of Everglades Boulevard, 0.5 mi north of U.S. Interstate 75 and 15.75 mi east of Naples.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 460 ft. Upper casing diameter 6; top of first opening 400 ft, bottom of last opening 460 ft. Artesian well, open hole 400 to 460 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: From April 2, 2007, to present, measuring point has been top of 10-in. collar, extending original casing, 14.16 ft above National Geodetic Vertical Datum of 1929 (NGVD). From October 1984 to March 2007, measuring point was top of casing at land surface, 10.10 ft above NGVD. From March 2007 to March 2008, the measuring point was considered to be 10.10 ft NGVD. See REMARKS.

PERIOD OF RECORD.--October 1984 to September 2009 (monthly), October 2009 to current year.

REVISED RECORDS.--WDR-US-2008, site 260941081324201; 2007. See REMARKS

GAGE.--Bimonthly measurement with pressure gage.

REMARKS.--In March 2007 the well was reconstructed as a result of local construction activities. From March 2007 to September 2007 the measuring point elevation was considered to be 10.1 ft NGVD. As a result, the published figures of water-level elevation, in ft NGVD, for that period are in error. Corrected records are available in files of the U.S. Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.1 ft NGVD, Mar. 17, 2009; lowest, 29.1 ft NGVD, June 17, 1991.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[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	36.4	G	--	Apr 26	34.2	G	--
Dec 14	35.8	G	--	Jun 15	30.8	G	--
Feb 27	32.8	G	--	Aug 27	37.9	G	--

Water year 2012 lowest: 30.8, Jun 15, 2012, highest: 37.9, Aug 27, 2012