



Water-Data Report 2012

261438081481001 Local number C 575.

Intermediate aquifer system
Limestone Aquifer

Collier County, FL

LOCATION.--Lat 26°13'18.6", long 81°48'04.0" referenced to North American Datum of 1983, in NE ¼ SE ¼ NE ¼ sec.9, T.49 S., R.25 E., Collier County, FL, Hydrologic Unit 03090204, 112 ft west of U.S. Highway 41, 0.75 mi north of Pine Ridge Road and 7 mi north of Naples.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 652 ft. Upper casing diameter 4; top of first opening 352 ft, bottom of last opening 652 ft. Artesian well, open hole 352 to 652 ft.

DATUM.--Land-surface datum is 14.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: From April 2003 to present, measuring point has been top of 4-in. PVC elbow, 17.51 ft above National Geodetic Vertical Datum of 1929 (NGVD). From Mar. 16, 1987, to April 2003, measuring point was top of 3-in. by 1.5-in. reducer pipe, 15.52 ft above NGVD. Prior to Mar. 16, 1987, measuring point was reported measuring point, 15.74 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--March 1979 to September 1993 (monthly), October 1993 to September 1994 (semiannual), October 1994 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with pressure gage.

REMARKS.--The well was reconstructed after being damaged: March 1987, April 2003. See DATUM. Records of water levels prior to October 1981 are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.2 ft NGVD, Sept. 27, 1982; lowest, 22.6 ft NGVD, Jan. 5, 2009.

**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 25	26.5	G	--	Apr 20	24.0	G	--
Dec 15	25.9	G	--	Jun 19	25.4	G	--
Feb 16	24.4	G	--	Aug 24	27.0	G	--

Water year 2012 lowest: 24.0, Apr 20, 2012, highest: 27.0, Aug 24, 2012