



Water-Data Report 2011

261243081480301 Local number C 490.

Intermediate aquifer system
Tamiami Formation

Collier County, FL

LOCATION.--Lat 26°13'14.3", long 81°48'01.2" referenced to North American Datum of 1983, in NW ¼ SW ¼ NW ¼ sec.10, T.49 S., R.25 E., Collier County, FL, Hydrologic Unit 03090204, 1.5 ft west of Trail Boulevard, 10 ft north of Center Street, 100 ft east of U.S. Highway 41 and northwest of the Naples Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 2 in.; top of first opening 70 ft, bottom of last opening 71 ft. Artesian well, open hole 70 to 71 ft.

DATUM.--Land-surface datum is 16.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 16.55 ft above National Geodetic Vertical Datum of 1929, April 25, 1974, to present.

PERIOD OF RECORD.--October 1975 to April 1982 (semiannual), October 1982 to September 1994 (monthly), October 1994 to September 1996 (quarterly), October 1996 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well was also used for salinity monitoring from October 1975 to April 1999. Chloride and conductivity profiles are available in the files of the U.S. Geological Survey. Records of water levels prior to October 1983 are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.18 ft NGVD, Oct. 4, 1994; lowest, 0.32 ft below NGVD, May 13, 1976.

**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
Nov 1	3.78	S	--	Apr 25	2.02	S	--
Dec 15	4.67	S	--	Jun 17	2.16	S	--
Mar 1	2.83	S	--	Aug 15	5.80	S	--

Water year 2011 lowest: 2.02, Apr 25, 2011, highest: 5.80, Aug 15, 2011