

Water-Data Report 2012

**261018081484101 Local number C 526.**

Intermediate aquifer system  
Tamiami Formation

Collier County, FL

LOCATION.--Lat 26°10'19.6", long 81°48'41.6" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.28, T.49 S., R.25 E., Collier County, FL, Hydrologic Unit 03090204, at the southeast corner of Gulf Shore Boulevard and Mooring Line Drive, 1.3 mi northwest of the Naples Post Office.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 68 ft. Upper casing diameter 2; top of first opening 63 ft, bottom of last opening 68 ft. Artesian well, open hole 63 to 68 ft.

DATUM.--Land-surface datum is 6.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: From September 1973 to present, measuring point has been top of casing, 5.71 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1973 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well is also used for salinity monitoring. 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, 5.16 ft NGVD, July 22, 2005; lowest, 0.47 ft below NGVD, May 7, 1974.

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

[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 12	3.94	S	--	Apr 19	3.61	S	--
Dec 15	3.22	S	--	Jun 19	4.25	S	--
Feb 16	3.04	S	--	Aug 23	3.78	S	--

Water year 2012 lowest: 3.04, Feb 16, 2012, highest: 4.25, Jun 19, 2012

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**WATER-QUALITY RECORDS****WATER-QUALITY DATA****WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**[mg/L, milligrams per liter; °C, degrees Celsius;  $\mu\text{S}/\text{cm}$ ,  
microsiemens per centimeter]

<b>Date</b>	<b>Sample start time</b>	<b>Specific conduc- tance, water, unfiltered, <math>\mu\text{S}/\text{cm}</math> at 25°C (00095)</b>	<b>Chloride, water, unfiltered, mg/L (99220)</b>
<b>October 12, 2011</b>	<b>1338</b>	11,810	3,800
<b>April 19, 2012</b>	<b>1329</b>	11,900	3,780