

Water-Data Report 2012

261302081473901 Local number C 489.

Intermediate aquifer system
Tamiami Formation

Collier County, FL

LOCATION.--Lat 26°13'25", long 81°47'32" referenced to North American Datum of 1927, in NE ¼ NE ¼ NW ¼ sec.10, T.49 S., R.25 E., Collier County, FL, Hydrologic Unit 03090204, 15 ft west of Ridge Drive, 300 ft south of North Street in Naples.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 83 ft. Upper casing diameter 8; top of first opening 63 ft, bottom of last opening 83 ft. Artesian well, open hole 63 to 83 ft.

DATUM.--Land-surface datum is 15.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Nov. 21, 1986, to present, measuring point has been top of casing, 18.66 ft above National Geodetic Vertical Datum of 1929 (NGVD). From May 1970 to Nov. 19, 1986, measuring point was top of recorder base, 18.70 ft above NGVD.

PERIOD OF RECORD.--May 1970 to November 1986 (daily), December 1986 to September 2009 (monthly), October 2009 to current year.

REVISED RECORDS.--The lowest extreme for the period of record has been revised to 4.44 ft below NGVD May 1, 2008. This revised figure superseded those published in previous WDR FL-2A water years and WDR-US-2006 to WDR-US-2009, site 261302081473901.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.20 ft NGVD, Sept. 24, 1970; lowest, 4.44 ft below NGVD, May 1, 2008. See REVISED RECORDS.

**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	4.51	S	--	Apr 20	-.01	S	--
Dec 15	3.16	S	--	Jun 19	1.12	S	--
Feb 16	3.37	S	--	Aug 23	2.12	S	--

Water year 2012 lowest: -.01, Apr 20, 2012, highest: 4.51, Oct 12, 2011

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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]

Date	Sample start time	Specific conduc- tance, water, unfiltered, $\mu\text{S}/\text{cm}$ at 25°C (00095)	Chloride, water, unfiltered, mg/L (99220)
October 12, 2011	1803	732	105
April 20, 2012	1337	734	106