



Water-Data Report 2011

**261604081480901 Local number C 1059.**

Surficial aquifer system  
Nonartesian Sand Aquifer

Collier County, FL

LOCATION.--Lat 26°16'05.7", long 81°48'09.0" referenced to North American Datum of 1927, in NE ¼ SW ¼ NE ¼ sec.28, T.48 S., R.25 E., Collier County, FL, Hydrologic Unit 03090204, 20 ft behind Fire House on 106th Avenue and 300 ft west of U.S. Highway 41, 9.7 mi northwest of Collier County Government Center.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 4 in.; top of first opening 10 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 9.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 12.82 ft above National Geodetic Vertical Datum of 1929, April 24, 1986, to present.

PERIOD OF RECORD.--April 1986 to September 2009 (monthly), October 2009 to current year.

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well is also used for salinity monitoring.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.21 ft NGVD, Aug. 29, 1995; lowest, 3.17 ft NGVD, Apr. 23, 1987.

**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
Oct 27	5.40	S	--	Apr 25	4.17	S	--
Dec 15	4.73	S	--	Jun 17	3.85	S	--
Mar 1	4.44	S	--	Aug 15	5.51	S	--

Water year 2011 lowest: 3.85, Jun 17, 2011, highest: 5.51, Aug 15, 2011

261604081480901 Local number C 1059.—Continued

**WATER-QUALITY RECORDS****WATER-QUALITY DATA****WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**[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 27, 2010</b>	<b>1220</b>	603	42
<b>April 25, 2011</b>	<b>0915</b>	587	34