

Water-Data Report 2012

**261733081285502 Local number C 989.**

Intermediate aquifer system  
Sandstone Aquifer

Collier County, FL

LOCATION.--Lat 26°17'38", long 81°28'54" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.23, T.48 S., R.28 E., Collier County, FL, Hydrologic Unit 03090204, at southeast corner of Oil Grade Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 270 ft. Upper casing diameter 6; top of first opening 240 ft, bottom of last opening 270 ft. Artesian well, open hole 240 to 270 ft.

DATUM.--Land-surface datum is 20.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: From October 1996 to present, measuring point has been top of casing, 24.30 ft above National Geodetic Vertical Datum of 1929 (NGVD). From October 1984 to Sept. 20, 1996, measuring point was top of flange, 24.44 ft above NGVD. From October 1996 to September 1999, measuring point was incorrectly considered to be top of flange, 24.44 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--October 1984 to September 1996 (daily), November 1996 to September 2009 (monthly), October 2009 to current year (bimonthly).

GAGE.--Bimonthly measurement with chalked tape.

REMARKS.--Well has collapsed or become obstructed at a depth of 41 ft. This depth is within the open interval of the well. Water-level data from this well is considered to be unaffected by the collapse/obstruction. The figures of water level as elevation, in feet NGVD, from October 1996 to September 1999 are in error. A -0.14 ft correction has been applied to correct water-level data from October 1996 to September 1999. Corrected records are in the files of the U.S. Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.30 ft NGVD, July 24, 1991; lowest, 3.96 ft below NGVD, Apr. 3, 1989.

**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 25	12.11	S	--	Apr 17	8.04	S	--
Dec 19	8.21	S	--	Jun 15	10.07	S	--
Feb 17	6.95	S	--	Aug 28	13.69	S	--
Apr 6	7.82	S	--				

Water year 2012 lowest: 6.95, Feb 17, 2012, highest: 13.69, Aug 28, 2012