

Water-Data Report 2011

272119082325101 Local number WHITAKER BAY WELL NEAR SARASOTA FL

Intermediate aquifer system
Tampa Limestone

Sarasota County, FL

LOCATION.--Lat 27°21'18.4", long 82°32'50.2" referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.13, T.36 S., R.17 E., Sarasota County, FL, Hydrologic Unit 03100201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 337 ft. Upper casing diameter 12.00 in; top of first opening 54 ft, bottom of last opening 337 ft.

DATUM.--Land-surface datum is 9.93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 9.81 ft above land-surface datum, June 2008 to present.

PERIOD OF RECORD.--September 1962 to September 1997; October 1998 to September 2011 (miscellaneous water level measurements), discontinued. Records of water levels prior to October 1975 are available in files of the U.S. Geological Survey. The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1978, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of +3.85 ft.

GAGE.--Miscellaneous measurement with chalked tape.

REMARKS.--Water level affected by tidal fluctuations and nearby production wells.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.05 ft NGVD, estimated, Aug. 12, 1978; lowest, 4.46 ft below NGVD, May 17, 1989.

**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
May 23	.17	S	--	Sep 12	2.70	S	--

Water year 2011 lowest: .17, May 23, 2011, highest: 2.70, Sep 12, 2011