



Water-Data Report 2012

262706082080202 Local number L 5737.

Floridan aquifer system
Upper Floridan Aquifer

Lee County, FL

LOCATION.--Lat 26°27'09", long 82°08'01" referenced to North American Datum of 1927, in NW ¼ SW ¼ NW ¼ sec.20, T.46 S., R.22 E., Lee County, FL, Hydrologic Unit 03100103, 1.8 mi northwest of intersection of Sanibel-Captiva Road and Rabbit Road on Sanibel Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 700 ft. Upper casing diameter 4; top of first opening 665 ft, bottom of last opening 700 ft. Artesian well, open hole 665 to 700 ft.

DATUM.--Land-surface datum is 2.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Dec. 15, 2004, to present, measuring point has been top of 1-in. pipe, used for chalked tape measurements, 5.82 ft above National Geodetic Vertical Datum of 1929 (NGVD). From Mar. 16, 1987, to present, measuring point has been top of steel flange, used for pressure gage measurements, 4.50 ft above NGVD. From Mar. 16, 1987, to July 30, 2004, measuring point was top of 1-in. pipe, used for tapedown measurements, damaged August 2004, 5.85 ft above NGVD. Prior to August 2004, measuring point for chalked tape was 5.85 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--March 1987 to September 1993 (monthly), October 1993 to September 1994 (semiannual), October 1994 to September 2009 (monthly), October 2009 to August 2012 (discontinued).

GAGE.--Bimonthly measurement with chalked tape or pressure gage.

REMARKS.--In April 2005, the well was resurveyed after being damaged August 13, 2004. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.7 ft NGVD, May 22, 1995; lowest, 26.95 ft below NGVD, July 23, 2001.

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

[Measurement method: S, steel tape; G, pressure gage. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 28	-1.90	S	--	Apr 24	-8.79	S	--
Dec 20	-5.32	S	--	Jul 3	-7.39	S	--
Feb 17	9.0	G	--	Aug 22	.87	S	--

Water year 2012 lowest: -8.79, Apr 24, 2012, highest: 9.0, Feb 17, 2012