



Water-Data Report 2011

**271757081493002 Local number ROMP 26 Avon Park Well near Gardner, FL.**

Floridan aquifer system  
Avon Park Limestone

DeSoto County, FL

LOCATION.--Lat 27°17'58.9", long 81°49'28.4" referenced to North American Datum of 1983, in SW ¼ SW ¼ sec.33, T.36 S., R.25 E., DeSoto County, FL, Hydrologic Unit 03100101, 235 ft east of U. S. Highway 17, and 3.8 mi south of Gardner.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 1,320 ft. Upper casing diameter 12.00 in; top of first opening 580 ft, bottom of last opening 1,320 ft. Drilled, observation well.

DATUM.--Land-surface datum is 75.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 2.49 ft above land-surface datum. Land surface datum is 74.33 ft above North American Vertical Datum of 1988. Water level elevations computed using NGVD 29 in order to maintain consistency with historical records.

PERIOD OF RECORD.--March 1978 to September 2010; October 2010 to September 2011 (miscellaneous water level measurements), discontinued.

REVISED RECORDS.--The maximum water level elevations for April 21, 2004 to September 30, 2005 were published in error. These data have been corrected in the files of the U.S. Geological Survey. WDR-US-2007:Land-surface datum.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 51.28 ft NGVD, Oct. 5, 1979; lowest, 19.62 ft NGVD, Jan. 5, 2001.

CORRECTIONS.--The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1980, are in error. Correct elevations for data published prior to this date may be obtained by using datum correction of -2.03 ft. Revised records are in files of the Geological Survey.

**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 4	46.08	S	--	Sep 12	48.15	S	--
May 27	36.46	S	--				

Water year 2011 lowest: 36.46, May 27, 2011, highest: 48.15, Sep 12, 2011