



Water-Data Report 2011

275314081514201 Local number ROMP 59 Avon Park Well at Bartow, FL.

Floridan aquifer system
Avon Park Limestone

Polk County, FL

LOCATION.--Lat 27°53'02.2", long 81°51'50.9" referenced to North American Datum of 1983, in SW ¼ SE ¼ NE ¼ sec.12, T.30 S., R.24 E., Polk County, FL, Hydrologic Unit 03100101, 950 ft west of State Highway 555, 0.6 mi south of State Highway 60, and 0.8 mi west of Bartow.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,048 ft. Upper casing diameter 12.0 in; top of first opening 200 ft, bottom of last opening 1,048 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 117.41 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 4.43 ft above land-surface datum, May 2011 to present.

PERIOD OF RECORD.--February 1977 to September 2010; October 2010 to September 2011 (miscellaneous water level measurements), discontinued. Prior to October 1979, published as Bartow Avon Park Well at Bartow.

GAGE.--Miscellaneous measurement with chalked tape.

REMARKS.--Water level affected by pumping of nearby wells.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 85.92 ft NGVD, Oct. 15, 2004; lowest, 33.33 ft NGVD, May 16, 1981.

**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	77.24	S	--	Sep 14	74.84	S	--
May 25	62.15	S	--				

Water year 2011 lowest: 62.15, May 25, 2011, highest: 77.24, Oct 4, 2010