



Water-Data Report 2009

**275336081484401 Local number Bartow WWTP-LWIP SWNN Well at Bartow, FL.**

Floridan aquifer system  
 Suwannee Limestone  
 Polk County, FL

LOCATION.--Lat 27°53'36", long 81°48'44" referenced to North American Datum of 1983, in NE ¼ NE ¼ NE ¼ sec.9, T.30 S., R.25 E., Polk County, FL, Hydrologic Unit 03100101, 0.75 mi south of State Highway 60, and 1.0 mi east of U.S. Highway 17/98 at City of Bartow Waste Water Treatment Plant.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 235 ft. Upper casing diameter 6.0 in; top of first opening 95 ft, bottom of last opening 235 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 96.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter floor, 3.57 ft above land-surface datum, May 22, 2008, to present. Levels by Southwest Florida Water Management District.

PERIOD OF RECORD.--April 2005 to October 2007; October 2007 to current year (miscellaneous water level measurements).

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 85.57 ft NGVD, Aug. 15, 17, 2005; lowest measured, 59.68 ft NGVD, May 18, 2009.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[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 18	59.68	S	--	Sep 23	80.91	S	--

Water year 2009; lowest: 59.68 May 18, 2009 highest: 80.91 Sep 23, 2009