



Water-Data Report 2011

275411081372001 Local number ROMP 57 Floridan Well near Lake Wales, FL.

Floridan aquifer system
Floridan Aquifer System

Polk County, FL

LOCATION.--Lat 27°54'13.1", long 81°37'21.0" referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.4, T.30 S., R.27 E., Polk County, FL, Hydrologic Unit 03100101, 40 ft south of State Highway 60, 1.5 mi west of U. S. Highway 27, and 2.0 mi west of Lake Wales.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 634 ft. Upper casing diameter 7.00 in. Drilled, observation, artesian well, cased to 160.00 ft.

DATUM.--Land-surface datum is 128.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 4.21 ft above land-surface datum.

PERIOD OF RECORD.--July 1981 to September 2010; October 2010 to September 2011 (miscellaneous water level measurements), discontinued. Prior to October 1, 1982, published as ROMP 57-1 Floridan Well near Lake Wales.

GAGE.--Miscellaneous measurement with chalked tape.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 111.97 ft NGVD, Nov. 2, 7, 2005; lowest, 87.82 ft NGVD, June 3, 2000.

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	105.18	S	--	Sep 19	104.72	S	--
May 25	98.26	S	--				

Water year 2011 lowest: 98.26, May 25, 2011, highest: 105.18, Oct 4, 2010