



Water-Data Report 2011

**281023082075701 Local number Weicht Deep Well near Crystal Springs, FL.**

Floridan aquifer system  
Floridan Aquifer System

Pasco County, FL

LOCATION.--Lat 28°10'30", long 82°07'56" referenced to North American Datum of 1983, in NE ¼ SE ¼ SW ¼ sec.32, T.26 S., R.22 E., Pasco County, FL, Hydrologic Unit 03100205, 1.5 mi east of State Highway 39, and 1.8 mi southeast of Crystal Springs.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 3.00 in; top of first opening 60 ft, bottom of last opening 100 ft. Drilled, domestic, artesian well.

DATUM.-- Land-surface datum is 90 ft, from topographic map. Measuring point: Top of casing, 1.00 ft above land-surface datum, 1965 to present. Datum of gage is 2.12 ft below National Geodetic Vertical Datum of 1929; 2.98 ft below North American Vertical Datum of 1988. Land-surface datum is 87.88 ft NGVD 29, 87.02 ft NAVD 88. Water level elevations computed using estimated topographic LSD in order to maintain consistency with historical records. Prior to Oct 1, 2009, elevations of land surface datum estimated from topographic map.

PERIOD OF RECORD.--May 1973 to September 2011 (periodic), discontinued. Records of water levels prior to October 1977 are not published but are available in files of the Geological Survey.

GAGE.--Periodic measurement with chalked tape by USGS personnel.

COOPERATION.--This gage is monitored in cooperation with Southwest Florida Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 85.47 ft NGVD, Oct. 1, 2004; lowest measured, 73.58 ft NGVD, June 14, 1990.

**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	81.30	S	--	Apr 11	82.67	S	--
Dec 3	78.00	S	--	Jun 10	78.45	S	--
Jan 31	80.15	S	--	Aug 1	79.61	S	--

Water year 2011 lowest: 78.00, Dec 3, 2010, highest: 82.67, Apr 11, 2011

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