



Water-Data Report 2011

270414081584701 Local number Lettuce Lake Well near Fort Ogden, FL.

Floridan aquifer system
Floridan Aquifer System

DeSoto County, FL

LOCATION.--Lat 27°04'14.4", long 81°58'46.5" referenced to North American Datum of 1983, in NE ¼ NW ¼ SE ¼ sec.23, T.39 S., R.23 E., DeSoto County, FL, Hydrologic Unit 03100101, 300 ft west of Lettuce Lake Road, 0.4 mi south of State Highway 761, and 2.0 mi southwest of Fort Ogden.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,190 ft. Upper casing diameter 16.00 in; top of first opening 105 ft, bottom of last opening 1,190 ft. Drilled, unused irrigation, artesian well.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 3 ft above land-surface datum. Land-surface datum is 21 ft, estimated from topographic map. Datum of gage is 1.686 ft below National Geodetic Vertical Datum of 1929 (from differential GPS); 2.814 ft below North American Vertical Datum of 1988. Land-surface datum is 19.31 ft NGVD 29; 18.19 ft NAVD 88. Water level elevations computed using estimated topographic LSD in order to maintain consistency with historical records.

PERIOD OF RECORD.--January 1975 to September 2011 (periodic), discontinued.

GAGE.--Periodic measurement with pressure gage 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, 53.11 ft NGVD, Sept. 27, 1978; lowest measured, 37.2 ft NGVD, June 3, 2011.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: G, pressure gage. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 5	47.5	G	--	Apr 7	45.8	G	--
Dec 9	42.3	G	--	Jun 3	37.2	G	--
Jan 31	45.2	G	--	Aug 15	38.2	G	--

Water year 2011 lowest: 37.2, Jun 3, 2011, highest: 47.5, Oct 5, 2010

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