



Water-Data Report 2011

282245081492601 Local number Eva Deep Well at Eva, FL.

Floridan aquifer system
Floridan Aquifer System

Lake County, FL

LOCATION.--Lat 28°22'45", long 81°49'26" referenced to North American Datum of 1983, in NE ¼ SE ¼ SE ¼ sec.20, T.24 S., R.25 E., Lake County, FL, Hydrologic Unit 03100208, on east side of State Highway 33, 1,000 ft north of State Highway 474 at Eva. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 192 ft. Upper casing diameter 6 in; top of first opening 100 ft, bottom of last opening 192 ft. Drilled, observation, artesian well, cased to 100 ft.

DATUM.--Land-surface datum is 113.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6 inch nipple, 3.21 ft above land-surface datum, Oct. 27, 2003, to present. Prior to Oct. 1, 2006 land-surface datum was considered to be 113.47 ft above NGVD1929. Prior to Oct. 1, 2002, measuring point 3.40 ft above land-surface datum.

PERIOD OF RECORD.--January 1959 to December 1962; January 1963 to October 2000 (bimonthly); December 2000 to September 2007 (monthly); May 2008 to September 2011 (semiannually), discontinued.

GAGE.--Monthly measurement with chalked tape or electric tape.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 112.72 ft above NGVD of 1929, Sept. 10, 1960; lowest measured, 105.06 ft above NGVD of 1929, June 20, 2001.

**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
May 24	108.38	S	--	Sep 15	110.22	S	--

Water year 2011 lowest: 108.38, May 24, 2011, highest: 110.22, Sep 15, 2011