



Water-Data Report 2011

273851082031502 Local number ROMP 40 HAWTHORN WELL NEAR DUETTE FL

Intermediate aquifer system
Hawthorn Formation

Polk County, FL

LOCATION.--Lat 27°38'52.4", long 82°03'14.7" referenced to North American Datum of 1983, in SW ¼ SW ¼ SW ¼ sec.31, T.33 S., R.23 E., Polk County, FL, Hydrologic Unit 03100101.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 180 ft. Upper casing diameter 12.0 in; top of first opening 76 ft, bottom of last opening 180 ft.

DATUM.--Land-surface datum is 137.94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter floor, 3.21 ft above land-surface datum, May 1983 to present.

PERIOD OF RECORD.--July 1981 to September 1992; May 1993 to September 2011 (miscellaneous water level measurements), discontinued.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 130.03 ft NGVD, March 28, 29, 1984; lowest, 116.39 ft NGVD, July 31, Aug. 2, 1989.

**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	126.09	S	--	Sep 14	126.27	S	--

Water year 2011 lowest: 126.09, May 24, 2011, highest: 126.27, Sep 14, 2011