



Water-Data Report 2011

270737082025102 Local number ROMP 9.5 LOWER ARCADIA WELL (MW2) NEAR FT OGDEN FL

Intermediate aquifer system
Hawthorn Limestone Aquifer

DeSoto County, FL

LOCATION.--Lat 27°07'36.4", long 82°02'48.79" referenced to North American Datum of 1983, in SE ¼ SW ¼ NE ¼ sec.31, T.38 S., R.23 E., DeSoto County, FL, Hydrologic Unit 03100102.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 331 ft. Upper casing diameter 8 in; top of first opening 205 ft, bottom of last opening 331 ft.

DATUM.--Land-surface datum is 37.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 inch flange, 5.65 ft above land-surface datum, May 2000 to present; Top of 2 inch side valve, 4.57 ft above land-surface datum, May 2000 to present.

PERIOD OF RECORD.--May 1998 to September 2011 (miscellaneous water level measurements), discontinued.

GAGE.--Miscellaneous measurement with chalked tape, pressure gage, or hose and folding rule.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.85 ft NGVD, Sep. 22, 2004; lowest measured, 31.43 ft NGVD, May 18, 2000.

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

[Measurement method: S, steel tape; Z, other. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
May 26	39.88	S	--	Sep 13	44.4	Z	--

Water year 2011 lowest: 39.88, May 26, 2011, highest: 44.4, Sep 13, 2011