



Water-Data Report 2009

**270225081443304 Local number ROMP 12 PRAIRIE CREEK ARCADIA WELL NR ARCADIA FL**

Intermediate aquifer system  
 Hawthorn Formation  
 DeSoto County, FL

LOCATION.--Lat 27°02'28.2", long 81°44'32.11" referenced to North American Datum of 1983, in SW ¼ SW ¼ SE ¼ sec.32, T.39 S., R.26 E., DeSoto County, FL, Hydrologic Unit 03100101.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 409 ft. Upper casing diameter 8.00 in; top of first opening 280 ft, bottom of last opening 409 ft.

DATUM.--Land-surface datum is 41.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4x4 when flowing, 4.27 ft above land-surface datum, Sep. 2002 to present; Top of 2 inch flange when not flowing, 5.14 ft above land-surface datum, May 2001 to present.

PERIOD OF RECORD.--May 1999 to current year (miscellaneous water level measurements).

GAGE.--Miscellaneous measurement with chalked tape or pressure gage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.17 ft NGVD, Oct. 24, 2001; lowest measured, 41.97 ft NGVD, May 17, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: S, steel tape; G, pressure gage. Water-level status: E, site was flowing recently; --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
May 20	45.46	S	E	Sep 23	49	G	--

Water year 2009; lowest: 49 Sep 23, 2009 highest: 49 Sep 23, 2009