



Water-Data Report 2011

274522081303902 Local number ROMP CL-2 ARCADIA WELL AT FROSTPROOF FL

Intermediate aquifer system
Hawthorn Formation

Polk County, FL

LOCATION.--Lat 27°45'23.5", long 81°30'38.8" referenced to North American Datum of 1983, S27 T31S R28E, Polk County, FL, Hydrologic Unit 03090101.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 346 ft. Upper casing diameter 10 in; top of first opening 330 ft, bottom of last opening 346 ft.

DATUM.--Land-surface datum is 82.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Shelter floor, 3.8 ft above land-surface datum, Sep. 2000 to present.

PERIOD OF RECORD.--September 1992 to September 2011 (miscellaneous water level measurements), discontinued.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.65 ft NGVD, Sep. 21, 2004; lowest measured, 72.78 ft NGVD, May 14, 2002.

**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 23	77.77	S	--	Sep 15	81.69	S	--

Water year 2011 lowest: 77.77, May 23, 2011, highest: 81.69, Sep 15, 2011