



Water-Data Report 2011

270418081365803 Local number ROMP 13 TIPPEN BAY LOWER ARCADIA NR ARCADIA FL

Intermediate aquifer system
Hawthorn Formation

DeSoto County, FL

LOCATION.--Lat 27°04'19.11", long 81°36'58.42" referenced to North American Datum of 1983, in NW ¼ SW ¼ NE ¼ sec.21, T.39 S., R.27 E., DeSoto County, FL, Hydrologic Unit 03100101.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 592 ft. Upper casing diameter 8.00 in; top of first opening 514 ft, bottom of last opening 592 ft.

DATUM.--Land-surface datum is 61.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Shelter floor at notches, 1.88 ft above land-surface datum, May 2010 to present.

PERIOD OF RECORD.--May 1997 to September 2011 (miscellaneous water level measurements), discontinued.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.72 ft NGVD, Sep. 18, 2003; lowest measured, 40.89 ft NGVD, May 17, 2000.

CORRECTIONS.--Water levels prior to Sep. 1999 are in error. A value of -2.48 must be applied to obtain correct water levels.

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	45.29	S	--	Sep 14	50.14	S	--

Water year 2011 lowest: 45.29, May 24, 2011, highest: 50.14, Sep 14, 2011