



Water-Data Report 2011

275314081514202 Local number ROMP 59 Hawthorn Well at Bartow, FL.

Intermediate aquifer system
Hawthorn Formation

Polk County, FL

LOCATION.--Lat 27°53'02.2", long 81°51'50.9" referenced to North American Datum of 1983, in SW ¼ SE ¼ NW ¼ sec.12, T.30 S., R.24 E., Polk County, FL, Hydrologic Unit 03100101, 930 ft west of State Highway 555, 0.6 mi south of State Highway 60, and 0.8 mi west of Bartow.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 142 ft. Upper casing diameter 6.00 in. Drilled, observation, artesian well, cased to 122.00 ft.

DATUM.--Land-surface datum is 117.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--February 1977 to September 2010; October 2010 to September 2011 (miscellaneous water level measurements), discontinued. Prior to October 1979, published as Bartow Hawthorn Well at Bartow.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 96.82 ft NGVD, Oct. 17-20, 2004; lowest, 72.73 ft NGVD, June 27, 28, 29, 2001.

**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
Oct 4	86.91	S	--	Sep 14	81.03	S	--
May 25	79.69	S	--				

Water year 2011 lowest: 79.69, May 25, 2011, highest: 86.91, Oct 4, 2010