



Water-Data Report 2011

275156081481902 Local number CLEAR SPRINGS LOWER HAWTHORN WELL NEAR BARTOW FL

Intermediate aquifer system
Hawthorn Formation

Polk County, FL

LOCATION.--Lat 27°51'56.3", long 81°48'19.1" referenced to North American Datum of 1983, in SW ¼ SE ¼ SW ¼ sec.15, T.30 S., R.25 E., Polk County, FL, Hydrologic Unit 03100101, well is located about 1.5 mi south east of the Bartow City limits boundary.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 140 ft. Upper casing diameter 6 in; top of first opening 65 ft, bottom of last opening 140 ft.

DATUM.--Land-surface datum is 95.99 ft above National Geodetic Vertical Datum of 1929. Measuring point: Shelter floor, 3.91 ft above land-surface datum, May 22, 2008, to present.

PERIOD OF RECORD.--July 2006 to October 2007; October 2007 to September 2011 (miscellaneous water level measurements), discontinued.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 85.48 ft NGVD, Sep. 13, 2010; lowest measured, 55.23 ft NGVD, May 18, 2009.

**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	66.79	S	--	Sep 16	83.76	S	--

Water year 2011 lowest: 66.79, May 24, 2011, highest: 83.76, Sep 16, 2011