

Water-Data Report 2012

282533081082206 Local number Cocoa-C (Zone 5) Well near Bithlo, FL.

Floridan aquifer system
Floridan Aquifer System

Orange County, FL

LOCATION.--Lat 28°25'33", long 81°08'22" referenced to North American Datum of 1927, in SW ¼ NE ¼ SW ¼ sec.5, T.24 S., R.32 E., Orange County, FL, Hydrologic Unit 03080101, in Cocoa well field, 10 ft north of Wewahootee Road, 6.6 mi east of State Highway 15, and 10 mi south of Bithlo. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,004 ft. Upper casing diameter 8 in; top of first opening 248 ft, bottom of last opening 1,004 ft. Drilled, observation, artesian well, cased to 248 ft.

DATUM.--Land-surface datum is 63.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of male quick coupling, 2.82 ft above land-surface datum, Oct. 7, 1994, to present.

PERIOD OF RECORD.--February 1966 to April 1999 (monthly); May 1999 to August 2000 (bimonthly); November 2000 to current year (quarterly).

GAGE.--Quarterly measurement with steel or electric tape.

REMARKS.--Water level affected by pumping of nearby wells.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.18 ft above NGVD of 1929, Dec. 4, 1969; lowest measured, 26.52 ft above NGVD of 1929, April 28, 1999.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[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
Nov 8	35.48	S	--	May 8	30.30	S	--
Jan 23	31.53	S	--	Jul 30	32.83	S	--

Water year 2012 lowest: 30.30, May 8, 2012, highest: 35.48, Nov 8, 2011