

Water-Data Report 2012

282510081054502 Local number Cocoa-M Well near Bithlo, FL.

Surficial aquifer system
Nonartesian Sand Aquifer

Orange County, FL

LOCATION.--Lat 28°25'10", long 81°05'45" referenced to North American Datum of 1927, in SE ¼ NE ¼ NE ¼ sec.10, T.24 S., R.32 E., Orange County, FL, Hydrologic Unit 03080101, in Cocoa well field, 300 ft southwest of intersection of private road and Wewahootee Road, and 9.1 mi south of Bithlo. Owner: City of Cocoa.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 10 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled, observation, nonartesian well, cased to 10 ft.

DATUM.--Land-surface datum is 70.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Bolt hole in cap, 3.15 ft above land-surface datum, May 11, 1978, to present. Prior to May 11, 1978 land-surface datum considered to be 70.00 ft above NGVD of 1929. Measuring point: Top of casing 3.15 ft above NGVD of 1929.

PERIOD OF RECORD.--February 1969 to January 1977; February 1977 to April 1999 (monthly); May 1999 to August 2000 (bimonthly); November 2000 to current year (quarterly).

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 69.94 ft above NGVD of 1929, Nov. 4, 1969; well observed dry August 1981, July 1982, August, October 1984, April 2001.

**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 10	67.33	S	--	May 8	64.77	S	--
Jan 26	65.59	S	--	Jul 31	65.67	S	--

Water year 2012 lowest: 64.77, May 8, 2012, highest: 67.33, Nov 10, 2011