



Water-Data Report 2012

282847081013702 Local number Cocoa-K Well near Bithlo, FL.

Surficial aquifer system
Nonartesian Sand Aquifer

Orange County, FL

LOCATION.--Lat 28°28'47", long 81°01'37" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.21, T.23 S., R.33 E., Orange County, FL, Hydrologic Unit 03080101, on west side of State Highway 520, 5.4 mi south of intersection with State Highway 50, and 7.3 mi southeast of Bithlo. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 8. ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Drilled, observation, nonartesian well, cased to 8 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.93 ft above land-surface datum, June 18, 2012, to present. Prior to June 18, 2012, top of flange, 0.07 ft higher.

PERIOD OF RECORD.--March 1961, May 1962, January 1975 to February 1977; March 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, 59.81 ft above NGVD of 1929, Oct. 3,4, 1969; lowest, 54.16 ft above NGVD of 1929, May 20, 1996.

**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	58.39	S	--	Jun 18	57.99	S	--
Jan 26	56.96	S	--	Jul 30	57.70	S	--
May 10	56.13	S	--				

Water year 2012 lowest: 56.13, May 10, 2012, highest: 58.39, Nov 10, 2011