

Water-Data Report 2012

282739081054501 Local number Cocoa-F Well near Bithlo, FL.

Floridan aquifer system
Floridan Aquifer System

Orange County, FL

LOCATION.--Lat 28°27'40", long 81°05'44" referenced to North American Datum of 1927, in SE ¼ SE ¼ NE ¼ sec.27, T.23 S., R.32 E., Orange County, FL, Hydrologic Unit 03080101, Orange County, in Cocoa well field, 150 ft west of Dallas Boulevard, 0.7 mi north of Beeline Expressway (State Highway 528), and 6.3 mi south of Bithlo. Owner: Cape Orlando Corporation.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 375 ft. Upper casing diameter 6 in; top of first opening 200 ft, bottom of last opening 375 ft. Drilled, observation, artesian well, cased to 200 ft.

DATUM.--Land-surface datum is 67.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6 inch coupling, 1.60 ft above land-surface datum, Nov. 15, 2004, to present. Prior to Aug. 26, 2004, land-surface datum was considered to be 67.29 ft above NGVD of 1929. Measuring point: Top of casing, 0.80 ft above land-surface datum.

PERIOD OF RECORD.--1960-70 (annually); October 1970 to April 1999 (monthly); May 1999 to current year (quarterly).

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.92 ft above NGVD of 1929, June 24, 1960; lowest measured, 29.99 ft above NGVD of 1929, Apr. 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 10 | 35.43 | S | -- | May 10 | 31.50 | S | -- |
| Jan 26 | 33.75 | S | -- | Jul 30 | 33.63 | S | -- |

Water year 2012 lowest: 31.50, May 10, 2012, highest: 35.43, Nov 10, 2011