

Water-Data Report 2012

260242080101101 Local number G -2697

Biscayne aquifer
Biscayne Limestone Aquifer

Broward County, FL

LOCATION.--Lat 26°02'45.0", long 80°10'05.5" referenced to North American Datum of 1983, in SE ¼ NE ¼ NE ¼ sec.5, T.51 S., R.42 E., Broward County, FL, Hydrologic Unit 03090202, in northwest corner of a park 0.4 mi east of the intersection of N 33rd Avenue and N 39th Street, 0.16 mi south of the intersection of N 33rd Avenue and Stirling Road (State Road 848).

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 117.4 ft. Upper casing diameter 4; top of first opening 117.4 ft, bottom of last opening 117.4 ft. Open-end well, at 117.4 ft.

DATUM.--Land-surface datum is 11.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: From April 15, 2005, to present, measuring point has been top of casing, 13.47 ft above National Geodetic Vertical Datum of 1929 (NGVD). From Jan. 15, 1996, to April 15, 2005, measuring point was top of casing, 13.14 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--October 2000 to current year. See REMARKS.

REVISED RECORDS.--WDR-US-2009, site 260242080101101: 2005. See REMARKS.

INSTRUMENTATION.--Quarterly measurement with chalked steel tape or electric tape.

REMARKS.--This well is also used for quarterly salinity monitoring, starting October 2000. See PERIOD OF RECORD. Between October 2004 and March 2005, the top of casing was modified in order to install a lock, but the April to August 2005 records were computed and published using the original measuring point elevation. See DATUM, REVISED RECORDS.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 3.26 ft NGVD, Oct. 03, 2007; lowest, 1.11 ft below NGVD, Jan. 07, 2009.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 2,300 mg/L, Apr. 01, 2008, July 16, 2012; lowest, 1,340 mg/L, July 24, 2002.

WATER-QUALITY DATA

WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[NGVD, National Geodetic Vertical Datum; ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Elevation above NGVD 1929, ft (72020)	Chloride, water, unfiltered, mg/L (99220)
October 4, 2011	1117	6,970	1.63	2,150
January 30, 2012	1358	7,530	.77	2,200
April 4, 2012	1432	7,060	1.04	2,200
July 16, 2012	1308	7,200	2.02	2,300