

Water-Data Report 2012

254542080145902 Local number G -3888B

Biscayne aquifer
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°45'42.7", long 80°14'59.8" referenced to North American Datum of 1983, Miami-Dade County, FL, Hydrologic Unit 03090202, near the east end of the SW 11th Street median, at the intersection of SW 11th Street and SW 33rd Avenue, 1.8 mi north of U.S. Highway 1 (South Dixie Highway).

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 141 ft. Upper casing diameter 0.75; top of first opening 130 ft, bottom of last opening 135 ft.

DATUM.--Land-surface datum is 14.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Dec. 10, 2009, to present, measuring point has been top of 3/4-in. casing, west of G -3888A, 13.68 ft above National Geodetic Vertical Datum of 1929.

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

REMARKS.--Well is also used for salinity monitoring.

EXTREMES FOR PERIOD OF RECORD.--WATER-LEVEL ELEVATION.--Highest water level measured, 3.88 ft NGVD, June 27, 2012; lowest, 1.20 ft NGVD, Mar. 16, 2012.

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)
November 23, 2011	1412	24,200	2.83	8,100
December 23, 2011	1222	24,000	2.15	7,900
January 19, 2012	1409	23,800	1.67	7,900
February 27, 2012	1106	23,500	1.35	7,900
March 16, 2012	1234	23,400	1.20	7,900
April 23, 2012	1149	23,000	1.42	8,000
May 17, 2012	1145	23,900	1.83	8,000
June 28, 2012	1249	24,000	3.88	8,000
July 19, 2012	1307	23,900	3.57	8,400
August 23, 2012	1413	23,400	1.40	8,100
September 27, 2012	1228	24,300	2.57	8,000