

Water-Data Report 2012

**254106080174601 Local number G -1009B**

Biscayne aquifer  
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°41'07.76", long 80°17'45.39" referenced to North American Datum of 1983, in NE ¼ SE ¼ NW ¼ sec.1, T.55 S., R.40 E., Miami-Dade County, FL, Hydrologic Unit 03090202, at the southeastern corner of the intersection of SW 62nd Court and SW 92nd Street.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 2.5; top of first opening not recorded, bottom of last opening not recorded.

DATUM.--Land-surface datum is 10.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: measuring point has been top of casing, 10.58 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1994 to September 1996 (monthly), April 1998 to July 2008 (annual), October 2008 to present. See REMARKS.

INSTRUMENTATION.--Monthly water-level measurement by chalked steel tape or electric tape.

REMARKS.--This station is used for salinity monitoring. Chloride sampling began October 1975.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest measured water level, 4.12 ft NGVD, Jan. 25, 1996; lowest, 1.42 ft NGVD, June 2, 2011.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 90 mg/L, Feb. 26, 1992; lowest, 17 mg/L, May 4, 1978.

**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 5, 2011	1254	607	2.73	62
November 28, 2011	1142	653	3.14	70
December 22, 2011	1245	633	3.21	66
January 11, 2012	1323	642	3.03	66
February 3, 2012	1410	618	2.98	62
March 22, 2012	1406	634	2.94	62
April 23, 2012	1445	632	2.89	66
May 17, 2012	1142	628	3.01	62
June 27, 2012	1440	676	3.32	74
July 17, 2012	1535	671	2.69	68
August 22, 2012	1338	617	3.21	62
September 28, 2012	1306	726	3.12	81