

Water-Data Report 2012

**255350080105801 Local number G - 894**

Biscayne aquifer  
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°53'51.7", long 80°10'57.2" referenced to North American Datum of 1983, in NE ¼ NE ¼ NW ¼ sec.30, T.52 S., R.42 E., Miami-Dade County, FL, Hydrologic Unit 03090202, at the southeast corner of NE 133rd Street and NE 8th Avenue, about 1.7 mi east of U.S. Interstate 95, in North Miami.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 76 ft. Upper casing diameter 2; top of first opening 74.5 ft, bottom of last opening 76 ft.

DATUM.--Land-surface datum is 8.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Mar. 2, 1994, to present, measuring point has been top of casing, 8.70 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1994 to September 1997 (monthly), October 1997 to September 2007 (semiannual), October 2007 to September 2008 (quarterly), October 2008 to current year. See REMARKS.

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

REMARKS.--This well has been used for salinity monitoring since May 1959, with intermittent chloride sampling carried out until July 2008. Monthly chloride samples have been collected from August 1990 to September 1996, and October 2008 to the current year. Records of chloride concentration, in mg/L, prior to October 1977, are available in files of the U.S. Geological Survey. Water-level elevation measurements started in March 1994. See PERIOD OF RECORD.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 4.11 ft NGVD, Oct. 21, 1999; lowest, 0.53 ft NGVD, Apr. 24, 2001.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 3,650 mg/L, June 04, 1962; lowest, 16 mg/L, June 19, 2008.

**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 26, 2011	1325	447	2.64	24
November 21, 2011	1218	437	2.32	23
December 16, 2011	1420	438	2.00	24
January 19, 2012	1323	446	1.61	22
February 16, 2012	1436	437	2.34	24
March 21, 2012	1613	443	2.00	22
April 20, 2012	1128	428	2.04	24
May 15, 2012	1405	435	2.78	22
June 19, 2012	1558	436	2.18	24
July 13, 2012	1230	448	2.20	22
August 14, 2012	1139	433	1.91	24
September 24, 2012	1538	443	3.43	18