

Water-Data Report 2012

253924080174602 Local number G -3887B

Biscayne aquifer
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°39'24.7", long 80°17'46.8" referenced to North American Datum of 1983, Miami-Dade County, FL, Hydrologic Unit 03090202, about 17 ft west of the centerline of SW 63rd Avenue, at the intersection of SW 63rd Avenue and SW 123rd Terrace, 1.9 mi east of U.S. Highway 1 and State Road 973 (Pinecrest Parkway).

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 74 ft. Upper casing diameter 1; top of first opening 64 ft, bottom of last opening 69 ft.

DATUM.--Land-surface datum is 10.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Dec. 10, 2009, to present, measuring point has been top of 1-in. diameter casing, 9.65 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 2011 to current year. See REMARKS.

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, 2.69 ft NGVD, Nov. 23, 2011; lowest, 1.68 ft NGVD, Jan. 19, 2012.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 160 mg/L, June 27, 2012; lowest, 140 mg/L. many days during 2011 and 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, unfiltered, µS/cm at 25°C (00095)	Elevation above NGVD 1929, ft (72020)	Chloride, water, unfiltered, mg/L (99220)
November 23, 2011	1213	849	2.69	140
December 23, 2011	1013	869	2.15	140
January 19, 2012	1039	862	1.68	140
February 27, 2012	0915	847	2.23	150
March 14, 2012	1514	840	2.03	140
April 18, 2012	1437	836	1.97	140
May 16, 2012	1333	860	2.43	140
June 27, 2012	1110	935	2.68	160
July 12, 2012	1243	864	2.17	140
August 24, 2012	1356	865	2.14	150
September 20, 2012	1430	867	2.63	140