

Water-Data Report 2012

**254828080161501 Local number G - 354**

Biscayne aquifer  
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°48'30.54", long 80°16'14.10" referenced to North American Datum of 1983, in SE ¼ SW ¼ SW ¼ sec.20, T.53 S., R.41 E., Miami-Dade County, FL, Hydrologic Unit 03090202, near northwest intersection of NW 36th Street and Forrest Drive, in Miami Springs.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 90.2 ft. Upper casing diameter 2; top of first opening 88.4 ft, bottom of last opening 90.2 ft.

DATUM.--Land-surface datum is 6.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: From April 26, 2002, to present, measuring point has been top of casing, 6.33 ft above National Geodetic Vertical Datum of 1929 (NGVD). Prior to April 26, 2002, measuring point was top of casing, 6.66 ft above NGVD. PERIOD OF RECORD.--October 1990 to current year. See REMARKS.

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

REMARKS.--Well is also used for salinity monitoring, starting in January 1982.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 3.90 ft NGVD, Oct. 21, 1999; lowest, 0.68 ft NGVD, Oct. 13, 2009.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 700 mg/L, Jan. 25, 1982; lowest, 32 mg/L Aug. 16, 2007.

**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 6, 2011	1056	532	1.82	46
November 28, 2011	1523	528	2.05	50
December 19, 2011	1548	527	1.84	48
January 18, 2012	1525	541	1.46	48
February 2, 2012	1107	530	1.58	48
March 23, 2012	1143	535	1.78	46
April 25, 2012	1552	524	1.75	48
May 16, 2012	1148	528	2.11	44
June 27, 2012	1802	524	2.42	46
July 16, 2012	1313	542	2.80	46
August 14, 2012	1358	519	1.83	44
September 27, 2012	1605	537	1.57	42