

**254457080160301 Local number G 3229. USGS Observation Well near Coral Gables, FL.**

Biscayne aquifer  
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°44'58.4", long 80°16'03.2" referenced to North American Datum of 1983, in SE ¼ SW ¼ SW ¼ sec.8, T.54 S., R.41 E., Miami-Dade County, FL, Hydrologic Unit 03090202, near intersection of Coral Way and Segovia, at east end of golf course.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.-- Drilled, observation, water-table well, depth 85 ft, diameter 2 in.

DATUM.--Land-surface datum is 6.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Oct. 28, 1993, to present, measuring point has been top of casing, 6.92 ft above National Geodetic Vertical Datum of 1929. See REMARKS.

PERIOD OF RECORD.--October 1993 to April 1996 (semiannual); October 1996 to current year. See REMARKS.

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

REMARKS.--This well is also used for salinity monitoring, starting in August 1979. The station measuring point was first surveyed to NGVD in 2003, and records of water level as depth below measuring point have been computed for water-level elevation. Records of water-level elevation, in ft NGVD, prior to October 2002 are in the files of the U.S. Geological Survey. See DATUM, PERIOD OF RECORD.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 5.08 ft NGVD, Oct. 21, 1999; lowest, 0.88 ft NGVD, July 16, 2001.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 2,150 mg/L, June 27, 2012; lowest, 22 mg/L, May 06, 1993.

**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	0915	5,680	2.16	1,680
November 21, 2011	1505	5,998	2.91	1,720
December 20, 2011	1712	5,820	2.04	1,780
January 11, 2012	1550	6,000	1.59	1,750
February 3, 2012	1638	6,020	1.62	1,800
March 23, 2012	1604	6,100	1.96	1,800
April 25, 2012	1500	6,310	2.02	1,900
May 17, 2012	1526	6,240	2.64	1,900
June 27, 2012	1730	6,280	3.28	2,150
July 16, 2012	1528	4,730	4.31	1,360
August 22, 2012	1617	6,180	2.39	1,950
September 27, 2012	1519	6,350	3.31	1,929