

Water-Data Report 2012

**254833080155801 Local number G 1354. USGS Observation Well in Miami Springs, FL.**

Biscayne aquifer  
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°48'34.5", long 80°15'56.6" referenced to North American Datum of 1983, in SW ¼ SE ¼ SE ¼ sec.20, T.53 S., R.41 E., Miami-Dade County, FL, Hydrologic Unit 03090202, on west side of Coolidge Drive, 400 ft south of South Royal Poinciana Boulevard, in concrete meter box in line with the fourth bank teller driveway from the north.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 104 ft. Upper casing diameter 2; top of first opening 91 ft, bottom of last opening 104 ft.

DATUM.--Land-surface datum is 6.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: measuring point has been top of casing, 6.61 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1976 to July 1997 (semiannual), April 1998 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 May 1968, with monthly chloride sample collection from January 2011 to the current year. Because of an error on site maps, G-1354 was confused with another well. As a result, the figures of water level as elevation, in feet NGVD, and water-quality data from October 1994 to September 1997 are in error. Corrected water-level elevation records are in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: 3.69 ft NGVD, Oct. 21, 1999; lowest, 3.11 ft below NGVD, Oct. 11, 1994.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 1,300 mg/L, Oct. 27, 1977; lowest, 44 mg/L, Apr. 29, 1969, Oct. 19, 2000.

**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)
<b>October 26, 2011</b>	<b>1423</b>	533	2.35	54
<b>November 18, 2011</b>	<b>1328</b>	521	2.37	53
<b>December 19, 2011</b>	<b>1533</b>	530	1.93	54
<b>January 18, 2012</b>	<b>1510</b>	524	1.47	50
<b>February 2, 2012</b>	<b>1047</b>	515	1.62	50
<b>March 23, 2012</b>	<b>1120</b>	519	1.83	48
<b>April 25, 2012</b>	<b>1538</b>	508	1.85	50
<b>May 16, 2012</b>	<b>1130</b>	521	2.19	48
<b>June 28, 2012</b>	<b>1506</b>	530	2.27	54
<b>July 13, 2012</b>	<b>1514</b>	537	1.99	54
<b>August 14, 2012</b>	<b>1344</b>	517	1.87	52
<b>September 27, 2012</b>	<b>1553</b>	545	1.70	54