



Water-Data Report 2012

260547080105801 Local number G 2352. USGS Observation Well near Fort Lauderdale, FL.

Biscayne aquifer
Biscayne Limestone Aquifer

Broward County, FL

LOCATION.--Lat 26°05'47.3", long 80°10'57.6" referenced to North American Datum of 1983, Broward County, FL, Hydrologic Unit 03090202, 20 ft from curb on western side of SW 29th Avenue, 160 ft south of intersection of SW 29th Avenue and SW 19th Court.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 171 ft. Upper casing diameter 2.5; top of first opening 171 ft, bottom of last opening 171 ft. Open-end well.

DATUM.--Land-surface datum is 4.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Oct. 1, 1995, to present, measuring point has been top of casing, 4.91 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1995 to current year. See REMARKS.

INSTRUMENTATION.--Monthly measurement with chalked steel tape or electric tape. See REMARKS.

REMARKS.--This well is also used for salinity monitoring, starting June 1981. Water-level monitoring began in October 1995.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 4.16 ft NGVD, Oct. 22, 1999; lowest, 0.33 ft NGVD, Mar. 01, 2011.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 3,900 mg/L, July 6, 2012; lowest, 18 mg/L, Oct. 22, 1999.

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; --, no data]

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 27, 2011	1050	10,600	2.24	3,300
November 16, 2011	1051	--	2.83	--
December 16, 2011	1755	--	2.37	--
January 20, 2012	1257	9,580	1.22	2,950
February 16, 2012	1100	--	1.41	--
March 12, 2012	1323	--	1.17	--
April 16, 2012	1228	10,610	1.94	3,400
May 15, 2012	1128	--	1.69	--
June 18, 2012	1210	--	1.73	--
July 6, 2012	1245	11,370	1.64	3,900
August 9, 2012	1429	--	1.54	--
September 18, 2012	1536	--	2.75	--