

**255919080091203 Local number G 2410. USGS Observation Well near Hallandale, FL.**

Biscayne aquifer  
Biscayne Limestone Aquifer

Broward County, FL

LOCATION.--Lat 25°59'20.1", long 80°09'11.9" referenced to North American Datum of 1983, in NW ¼ NE ¼ NE ¼ sec.28, T.51 S., R.42 E., Broward County, FL, Hydrologic Unit 03090202, 2 ft north of sidewalk and 1 ft west of G-2408, 9 ft east of northwest corner of building on southeast corner of NW 3rd Street and NW 5th Avenue.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 206 ft. Upper casing diameter 2.00 in.; top of first opening 205 ft, bottom of last opening 206 ft.

DATUM.--Land-surface datum is 10.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 10.55 ft above National Geodetic Vertical Datum of 1929, Sept. 16, 1985, to present.

PERIOD OF RECORD.--September 1985 to February 1986 (weekly), March 1986 to November 1986 (intermittent), December 1986 to current year. See REMARKS.

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

REMARKS.--This well has been used for monthly salinity monitoring since June 1985, with quarterly chloride sampling carried out October 1993 to July 1995. Water-level elevation measurements started in September 1985. See PERIOD OF RECORD.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 4.76 ft NGVD, June 27, 1995; lowest, 0.69 ft below NGVD, June 03, 2011.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 7,300 mg/L, Feb. 02 to Sept. 14, 2011; lowest, 20 mg/L, May 20, 1986.

**WATER-QUALITY DATA**

**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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, 2010	1115	20,100	1.40	7,100
November 15, 2010	1131	20,400	.37	7,100
December 16, 2010	1134	20,400	-.01	7,100
January 25, 2011	1015	20,500	.03	7,200
February 2, 2011	1035	21,600	-.14	7,300
March 3, 2011	1019	21,200	-.40	7,300
April 20, 2011	1035	20,800	-.10	7,300
May 4, 2011	1020	20,800	-.48	7,300
June 3, 2011	1052	20,600	-.69	7,300
July 7, 2011	1142	21,400	.30	7,300
August 17, 2011	1054	21,300	.50	7,300
September 14, 2011	1010	21,100	.97	7,300