

**260041080093102 Local number G 2426. USGS Observation Well near Hollywood, FL.**

Biscayne aquifer  
Biscayne Limestone Aquifer

Broward County, FL

LOCATION.--Lat 26°00'41.53", long 80°09'30.64" referenced to North American Datum of 1983, in SW ¼ SW ¼ NE ¼ sec.16, T.51 S., R.42 E., Broward County, FL, Hydrologic Unit 03090202, 8 ft north of G-2425, in grassy area between the Broward County Library and the northeast parking lot, near the intersection of Hollywood Boulevard (State Road 820) and North 26th Avenue, about 0.5 mi east of U.S. Interstate 95.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 91 ft. Upper casing diameter 2; top of first opening 86 ft, bottom of last opening 91 ft.

DATUM.--Land-surface datum is 13.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Feb. 6, 2006, to present, measuring point has been top of casing, at land surface, 13.48 ft above National Geodetic Vertical Datum of 1929 (NGVD). From January 1987 to Feb. 6, 2006, measuring point was top of casing, 12.78 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--January 1987 to May 1993 (intermittent), October 1993 to current year. See REMARKS.

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

REMARKS.--This well has been used for quarterly salinity monitoring since October 1986, starting with intermittent sampling from October 1986 to September 1990, and monthly sampling from October 1990 to September 1993. Well now sampled quarterly. Water-level elevation measurements started in January 1987. See PERIOD OF RECORD. Land surface was built up approximately 0.7 ft in 2006, requiring the top of casing and enclosing meter box to be raised 0.7 ft. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 4.76 ft NGVD, Oct. 22, 1999; lowest, 0.65 ft NGVD, Apr. 4, 1988.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 62 mg/L, July 29, 2004; lowest, 16 mg/L, Apr. 14, 1987.

**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 3, 2011	1409	494	2.23	26
November 21, 2011	1212	--	2.44	--
December 13, 2011	1133	--	2.18	--
January 20, 2012	1331	476	1.22	24
February 21, 2012	1201	--	1.90	--
March 12, 2012	1313	--	1.54	--
April 2, 2012	1426	487	1.42	24
May 14, 2012	1112	--	2.73	--
June 18, 2012	1143	--	2.29	--
July 16, 2012	1028	471	2.51	22
August 16, 2012	1127	--	1.85	--
September 17, 2012	1205	--	2.81	--