

260155080092002 Local number G 2612. USGS Observation Well in Hollywood, FL.

Biscayne aquifer
Biscayne Limestone Aquifer

Broward County, FL

LOCATION.--Lat 26°01'55.9", long 80°09'20.5" referenced to North American Datum of 1983, in SE ¼ SE ¼ NW ¼ sec.8, T.51 S., R.42 E., Broward County, FL, Hydrologic Unit 03090202, in the southwest corner of Boggs Field Park, about 150 yards south of the intersection of Sheridan Street (State Road 822) and NW 24th Avenue, 0.55 mi east of U.S. Interstate 95.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 273 ft. Upper casing diameter 2; top of first opening 273 ft, bottom of last opening 273 ft. Open-end well.

DATUM.--Land-surface datum is 7 ft above National Geodetic Vertical Datum of 1929. Measuring point: From Oct. 1, 1995, to present, measuring point has been top of casing, 7.00 ft above National Geodetic Vertical Datum of 1929. See REMARKS.

PERIOD OF RECORD.--November 1996 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 November 1996. Water-level elevation measurements started in October 1994. Because of an error on a site photograph, Well G -2612 was confused with another well. As a result, published records prior to November 1996 are in error and have been removed from the files of the U.S. Geological Survey. See PERIOD OF RECORD.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 4.14 ft NGVD, Oct. 22, 1999; lowest, 0.65 ft NGVD, May 21, 1998.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 700 mg/L, Feb. 04, 2005; lowest, 435 mg/L, Apr. 04, 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; --, 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 4, 2011	1033	2,030	2.37	480
November 21, 2011	1230	--	2.63	--
December 13, 2011	1150	--	2.46	--
January 23, 2012	1340	2,020	1.53	480
February 21, 2012	1219	--	2.16	--
March 12, 2012	1332	--	1.91	--
April 4, 2012	1350	2,020	1.77	500
May 14, 2012	1130	--	2.82	--
June 18, 2012	1154	--	2.59	--
July 16, 2012	1147	1,991	2.77	490
August 16, 2012	1145	--	1.97	--
September 17, 2012	1216	--	3.16	--