

Water-Data Report 2012

261724080054603 Local number G 2693. USGS Observation Well near Pompano Beach, FL.

Biscayne aquifer
Biscayne Limestone Aquifer

Broward County, FL

LOCATION.--Lat 26°17'29.6", long 80°05'49.53" referenced to North American Datum of 1983, in SE ¼ SE ¼ SW ¼ sec.7, T.48 S., R.43 E., Broward County, FL, Hydrologic Unit 03090202, on southeastern corner of NE 49th Street and NE 19th Terrace.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 223.4 ft. Upper casing diameter 2; top of first opening 201 ft, bottom of last opening 223.4 ft. Open-hole well, 201 to 223.4 ft.

DATUM.--Land-surface datum is 9.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: From October 2003 to present, measuring point has been top of casing, 8.78 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 2003 to current year. See REMARKS.

REVISED RECORDS.--WDR FL-02-2B; 2002. Data published was in error. See REMARKS.

INSTRUMENTATION.--Quarterly measurement with chalked steel tape or electric tape.

REMARKS.--This well is also used for quarterly salinity monitoring, with chloride sample collection starting in November 2003. See PERIOD OF RECORD. Water-level measurements and chloride samples reported as collected from G-2693 prior to November 2003 are considered to be in error. The measurements and samples were mistakenly collected from well G-2694 (USGS 261724080054602) because of an error on a site map. These data have been corrected and are in the files of the U.S. Geological Survey referenced to well G-2694. See REVISED RECORDS. In addition, in USGS data publications for data collected prior to the 2006 Water Year, this station was referred to as "G 2694", while USGS 261724080054602 was referred to as "G 2693".

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 6.15 ft NGVD, July 19, 2012; lowest, 1.94 ft NGVD, July 28, 2004. See REMARKS.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 50 mg/L, Oct. 20, 2011; lowest, 20 mg/L, July 28, 2004, May 26, 2005.

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)
October 20, 2011	1434	433	5.73	50
January 27, 2012	1127	423	4.35	48
April 12, 2012	1445	432	3.72	46
July 19, 2012	1205	438	6.15	46