

Water-Data Report 2009

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 2.25 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 measurement with chalked tape or electronic water-level meter.

REMARKS.--Well also used for salinity monitoring. Salinity monitoring began in June 1985.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.76 ft NGVD, June 27, 1995; lowest, 0.56 ft below NGVD, Mar. 5, 2009.

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Time	Specific conduc- tance, wat unf μS/cm @ 25 degC (00095)	Elev- ation, feet above NGVD (72020)	Chlor- ide, water, fltrd, mg/L (00940)
Oct				
15...	1119	19,000	2.09	6,700
Nov				
14...	0928	19,100	.75	6,600
Dec				
05...	1029	19,300	.22	6,700
Jan				
07...	0942	19,300	-.20	6,800
Feb				
02...	1127	19,200	-.52	6,500
Mar				
05...	0944	19,300	-.56	6,650
Apr				
01...	0949	19,400	.25	6,800
May				
13...	1130	19,400	-.46	6,700
Jun				
03...	1015	19,500	1.21	6,850
Jul				
01...	1032	19,000	2.56	6,700
Aug				
05...	1059	19,800	.45	6,800
Sep				
04...	1025	19,700	.68	6,900