

Water-Data Report 2008

254335080170501 Local number G 432. USGS Observation Well near Coral Gables, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°43'35.9", long 80°17'03.3" referenced to North American Datum of 1983, in NW ¼ SW ¼ SW ¼ sec.19, T.54 S., R.41 E., Miami-Dade County, FL, Hydrologic Unit 03090202, at the northwest corner of intersection of Blue Road and Alhambra Circle, 28 ft west of Alhambra Circle and 6 ft north of Blue Road.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 99.5 ft. Upper casing diameter 2.50 in.; top of first opening 97.5 ft, bottom of last opening 99.5 ft.

DATUM.--Land-surface datum is 11.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 11.54 ft above National Geodetic Vertical Datum of 1929 (NGVD), Sept. 29, 2005, to present; From June 25, 1962, to Sept. 29, 2005, Top of casing was 11.99 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--October 1983 to October 1984 (semiannual), February 1985 to April 1985 (weekly), January 1986 to April 1986 (monthly), October 1986 to October 1990 (semiannual), November 1990 to current year.

INSTRUMENTATION.--Monthly measurement with chalked tape and/or electronic tape.

REMARKS.--Well also used for salinity monitoring. The well casing was severed approximately 5 inches from top of casing. This was the result of clean up activity in the area after Hurricane Katrina. The well was reconstructed on September 29, 2005. New set of levels were run and a new measuring point was set at 11.54 ft top of casing. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.37 ft NGVD, Nov. 28, 1994; lowest, 0.11 ft NGVD, Apr. 15, 1985.

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Time	Elev- ation, feet above NGVD (72020)	Specif- ic	Chlor- ide, water, fltrd, mg/L (00940)
			conduc- tance, wat unf μS/cm 25 degC (00095)	
Oct				
04...	1106	3.02	12,000	3,900
Nov				
05...	1132	2.08	--	--
Dec				
04...	1028	.79	--	--
Jan				
07...	1023	.99	--	--
Feb				
05...	1115	.70	--	--
Mar				
10...	1044	.73	--	--
Apr				
02...	1105	.89	12,600	4,100
May				
05...	1009	1.15	--	--
Jun				
04...	1258	.84	--	--
Jul				
03...	1059	1.59	--	--
Aug				
06...	1123	1.68	--	--
Sep				
04...	1330	1.20	--	--