

Water-Data Report 2008

254940080172001 Local number G 1282. USGS Observation Well near Miami Springs, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°49'41.0", long 80°17'18.6" referenced to North American Datum of 1983, in SW ¼ NW ¼ SW ¼ sec.18, T.53 S., R.41 E., Miami-Dade County, FL, Hydrologic Unit 03090202, 100 ft south of Miami Canal, in green meter box 18.5 ft north of cement post holding the west end of the guard rail.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 84 ft. Upper casing diameter 6 in.; top of first opening 57 ft, bottom of last opening 84 ft.

DATUM.--Land-surface datum is 6.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 6.30 ft above National Geodetic Vertical Datum of 1929 (NGVD), Mar. 24, 1997, to present; Prior to Mar. 24, 1997, Top of casing was 10.20 ft above NGVD. Prior to March 24, 1997 measuring point was 10.20 ft above NGVD. From September 1990 to September 1996, measuring point was incorrectly considered to be 9.31 ft above NGVD (measuring point of G-1283). See REMARKS.

PERIOD OF RECORD.--January 1966 to June 1984 (daily), October 1984 to May 1985 (semiannual), September 1990 to current year.

INSTRUMENTATION.--Monthly measurement with chalked tape or electronic water-level gage.

REMARKS.--Data collected at this site was published under well ID 254940080172002 (G-1283) from September 1990 to September 1996. The published figures of water level as elevation, in feet NGVD, for this period, are in error. Corrected figures are in the files of the U.S. Geological Survey. See DATUM. The well was originally open to the aquifer from 56.8 to 84 ft. The cased interval is collapsed or obstructed at a depth of 48.1 ft. The well remains in communication with the aquifer.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.55 ft NGVD, Sept. 12, 1971 and May 29, 1984; lowest, 13.31 ft below NGVD, May 10, 1983.

254940080172001 Local number G 1282. USGS Observation Well near Miami Springs, FL.—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007
TO SEPTEMBER 2008**

Date	Time	Elev- ation, feet above NGVD (72020)
Oct		
04...	0847	.40
Nov		
05...	0925	-2.65
Dec		
04...	0834	-4.11
Jan		
07...	0857	-2.66
Feb		
05...	0941	-3.94
Mar		
10...	0939	-2.95
Apr		
02...	0915	-2.42
May		
05...	0903	-4.86
Jun		
04...	1154	-1.97
Jul		
03...	0939	-4.08
Aug		
06...	1001	-3.67
Sep		
04...	1220	-6.80