

Water-Data Report 2007

254248080263801 Local number G 3473. USGS Observation Well near South Miami, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°42'48", long 80°26'38" referenced to North American Datum of 1927, in SW ¼ sec.21, T.54 S., R.39 E., Miami-Dade County, FL, Hydrologic Unit 03090202, on north side of Miller Drive at SW 154th Court and 0.3 mi west of SW 152nd Avenue.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20.4 ft, cased to 20.4 ft.

DATUM.--Land-surface datum is 8.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 10.69 ft above National Geodetic Vertical Datum of 1929, Oct. 1, 1996, to present. From October 29, 1994 to October 1996, measuring point was top of base, 10.75 ft above NGVD. From October 29, 1991 to October 2, 1994, measuring point was top of casing, 11.80 ft above NGVD. Prior to October 1993, top of casing was incorrectly considered to be 10.76 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--October 1991 to November 2006. Discontinued.

GAGE.--Electronic data logger.

REMARKS.--The published figures of water levels as elevation, in feet NGVD, prior to October 1993, are in error. Corrected figures are available in the files of the U.S. Geological Survey. Station reconstructed October 29, 1994. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.05 ft NGVD, Oct. 15, 1999; lowest, 2.07 ft NGVD, June 2, 1992.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.23	3.95	---	---	---	---	---	---	---	---	---	---
2	4.21	4.00	---	---	---	---	---	---	---	---	---	---
3	4.20	4.03	---	---	---	---	---	---	---	---	---	---
4	4.18	4.04	---	---	---	---	---	---	---	---	---	---
5	4.15	4.04	---	---	---	---	---	---	---	---	---	---
6	4.15	4.04	---	---	---	---	---	---	---	---	---	---
7	4.15	4.04	---	---	---	---	---	---	---	---	---	---
8	4.15	4.05	---	---	---	---	---	---	---	---	---	---
9	4.14	4.05	---	---	---	---	---	---	---	---	---	---
10	4.13	4.04	---	---	---	---	---	---	---	---	---	---
11	4.12	4.04	---	---	---	---	---	---	---	---	---	---
12	4.10	4.03	---	---	---	---	---	---	---	---	---	---
13	4.10	4.02	---	---	---	---	---	---	---	---	---	---
14	4.10	4.00	---	---	---	---	---	---	---	---	---	---
15	4.09	4.00	---	---	---	---	---	---	---	---	---	---
16	4.08	4.00	---	---	---	---	---	---	---	---	---	---
17	4.07	4.01	---	---	---	---	---	---	---	---	---	---
18	4.06	4.01	---	---	---	---	---	---	---	---	---	---
19	4.03	4.00	---	---	---	---	---	---	---	---	---	---
20	4.01	---	---	---	---	---	---	---	---	---	---	---
21	3.99	---	---	---	---	---	---	---	---	---	---	---
22	3.97	---	---	---	---	---	---	---	---	---	---	---
23	3.94	---	---	---	---	---	---	---	---	---	---	---
24	3.89	---	---	---	---	---	---	---	---	---	---	---
25	3.87	---	---	---	---	---	---	---	---	---	---	---
26	3.84	---	---	---	---	---	---	---	---	---	---	---
27	3.84	---	---	---	---	---	---	---	---	---	---	---
28	3.85	---	---	---	---	---	---	---	---	---	---	---
29	3.87	---	---	---	---	---	---	---	---	---	---	---
30	3.88	---	---	---	---	---	---	---	---	---	---	---
31	3.92	---	---	---	---	---	---	---	---	---	---	---
Total	125.31	---	---	---	---	---	---	---	---	---	---	---
Mean	4.04	---	---	---	---	---	---	---	---	---	---	---
Max	4.23	---	---	---	---	---	---	---	---	---	---	---
Min	3.84	---	---	---	---	---	---	---	---	---	---	---

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