

Water-Data Report 2007

254445080295001 Local number G 3559. USGS Observation Well near Miami, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°44'45", long 80°29'50" referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.11, T.54 S., R.38 E., Miami-Dade County, FL, Hydrologic Unit 03090202, 1 mi south of Tamiami Trail (U.S. Highway 41) and 100 ft east of L-31N Canal.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 19.5 ft. Upper casing diameter 5 in, top of first opening 14.5 ft, bottom of last opening 19.5 ft.

DATUM.--Land-surface datum is 8.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 11.11 ft above National Geodetic Vertical Datum of 1929, April 1, 1994, to present. During the 1994 water year the measuring point was incorrectly considered to be 11.38 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--April 1994 to current year

GAGE.--Satellite data collection platform.

REMARKS.--The figures of water levels as elevation, in feet NGVD, published for the 1994 water year are in error. Corrected records are in the files of the U.S. Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.97 ft NGVD, Oct. 15, 1999; lowest, 3.51 ft NGVD, Apr. 27-29, 2001.

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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	5.99	5.89	5.77	5.68	5.17	4.85	4.18	4.42	4.52	5.48	5.70	5.32
2	5.99	5.93	5.77	5.70	5.15	4.84	4.08	4.43	4.75	5.48	5.70	5.61
3	5.97	5.92	5.77	5.70	5.12	4.83	4.06	4.43	4.72	5.60	5.69	5.61
4	5.97	5.91	5.77	5.70	5.33	4.83	4.09	4.38	4.64	5.77	5.65	5.54
5	5.99	5.91	5.76	5.70	5.33	4.81	4.09	4.33	4.56	5.77	5.63	5.54
6	5.99	5.92	5.76	5.70	5.09	4.75	4.06	5.09	4.65	5.75	5.59	5.46
7	5.99	5.95	5.75	5.68	5.03	4.74	4.04	5.12	4.65	5.76	5.56	5.38
8	5.99	5.95	5.75	5.68	4.97	4.73	3.98	5.03	5.14	5.77	5.55	5.36
9	5.99	5.90	5.74	5.68	4.97	4.71	3.95	4.92	5.14	5.77	5.52	5.57
10	5.99	5.89	5.74	5.68	4.87	4.69	4.32	4.83	5.08	5.75	5.50	5.56
11	5.99	5.87	5.72	5.66	4.87	4.65	4.87	4.75	5.00	5.71	5.49	5.52
12	5.99	5.87	5.56	5.67	4.93	4.63	5.25	4.67	4.97	5.69	5.50	5.45
13	6.00	5.86	5.55	5.69	4.96	4.58	5.25	4.59	4.94	5.69	5.59	5.45
14	6.00	5.83	5.74	5.69	4.92	4.56	5.14	4.54	5.01	5.69	5.72	5.51
15	6.00	5.82	5.76	5.69	4.93	4.55	5.08	4.46	5.12	5.69	5.72	5.53
16	6.00	5.90	5.81	5.69	4.97	4.74	5.05	4.73	5.45	5.70	5.66	5.54
17	6.00	5.97	5.82	5.62	4.97	4.69	5.01	4.71	5.73	5.69	5.65	5.68
18	6.04	5.99	5.82	5.58	4.96	4.63	4.92	4.59	5.76	5.64	5.62	5.67
19	5.98	5.99	5.85	5.56	4.93	4.57	4.87	4.52	5.76	5.60	5.59	5.59
20	5.84	5.99	5.85	5.54	4.88	4.52	4.80	4.49	5.73	5.54	5.57	5.55
21	5.84	5.90	5.85	5.52	4.90	4.48	4.75	4.45	5.67	5.70	5.56	5.53
22	5.86	5.87	5.84	5.50	4.87	4.83	4.71	4.37	5.65	5.70	5.54	5.52
23	5.89	5.84	5.84	5.38	4.86	4.83	4.62	4.33	5.60	5.69	5.52	5.69
24	5.89	5.84	5.84	5.36	4.83	4.73	4.57	4.27	5.57	5.69	5.51	5.76
25	5.82	5.82	5.86	5.39	4.80	4.66	4.54	4.21	5.56	5.69	5.48	5.86
26	5.87	5.81	5.86	5.39	4.78	4.59	4.51	4.16	5.53	5.68	5.48	5.87
27	5.89	5.80	5.86	5.35	4.91	4.52	4.43	4.13	5.46	5.75	5.48	5.87
28	5.94	5.79	5.85	5.32	4.82	4.41	4.69	4.08	5.47	5.75	5.44	5.82
29	5.94	5.75	5.80	5.30	---	4.35	4.68	4.06	5.46	5.79	5.49	5.78
30	5.98	5.75	5.74	5.10	---	4.28	4.55	4.02	5.44	5.79	5.44	5.99
31	5.94	---	5.69	5.14	---	4.24	---	3.98	---	5.73	5.36	---
Total	184.56	176.43	179.09	172.04	139.12	143.82	137.14	139.09	156.73	176.50	172.50	168.13
Mean	5.95	5.88	5.78	5.55	4.97	4.64	4.57	4.49	5.22	5.69	5.56	5.60
Max	6.04	5.99	5.86	5.70	5.33	4.85	5.25	5.12	5.76	5.79	5.72	5.99
Min	5.82	5.75	5.55	5.10	4.78	4.24	3.95	3.98	4.52	5.48	5.36	5.32

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