

Water-Data Report 2007

254158080294501 Local number G 3551. USGS Observation Well near Miami, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°41'58", long 80°29'45" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.36, T.54 S., R.38 E., Miami-Dade County, FL, Hydrologic Unit 03090202, 4.2 mi south of Tamiami Trail (U.S. Highway 41) and 100 ft east of L-31N Canal.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 18.3 ft. Upper casing diameter 5 in, top of first opening 13.3 ft, bottom of last opening 18.3 ft.

DATUM.--Land-surface datum is 6.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 9.18 ft above National Geodetic Vertical Datum of 1929, April 1, 1994, to present.

PERIOD OF RECORD.--April 1994 to current year.

GAGE.--Satellite data collection platform.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.03 ft NGVD, Oct. 15, 16, 1999; lowest, 3.15 ft NGVD, Apr. 30, 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	5.92	5.84	5.69	5.57	4.77	4.38	3.97	4.25	4.12	5.33	5.59	5.03
2	5.92	5.88	5.69	5.53	4.75	4.38	3.90	4.18	4.35	5.37	5.57	5.02
3	5.90	5.89	5.69	5.51	4.73	4.34	3.80	4.15	4.36	5.44	5.55	5.03
4	5.90	5.88	5.67	5.48	4.90	4.34	3.78	4.14	4.36	5.56	5.54	5.06
5	5.90	5.88	5.65	5.48	4.90	4.33	3.79	4.08	4.32	5.56	5.50	5.06
6	5.90	5.88	5.62	5.46	4.81	4.28	3.76	4.67	4.32	5.56	5.47	5.04
7	5.90	5.94	5.62	5.46	4.77	4.26	3.72	4.67	4.32	5.57	5.33	5.02
8	5.91	5.96	5.60	5.46	4.70	4.25	3.72	4.67	4.98	5.57	5.28	5.02
9	5.90	5.86	5.56	5.46	4.67	4.22	3.68	4.65	4.98	5.57	5.25	5.42
10	5.90	5.85	5.53	---	4.59	4.20	4.09	4.57	4.97	5.49	5.21	5.42
11	5.91	5.84	5.53	---	4.58	4.20	4.52	4.49	4.88	5.42	5.21	5.36
12	5.91	5.84	5.37	---	4.59	4.20	4.96	4.41	4.75	5.38	5.20	5.27
13	5.92	5.84	5.30	---	4.60	4.14	4.96	4.38	4.69	5.36	5.44	5.20
14	5.93	5.81	5.42	---	4.58	4.11	4.96	4.30	4.76	5.33	5.69	5.20
15	5.95	5.79	5.47	---	4.58	4.10	4.96	4.27	4.84	5.33	5.69	5.42
16	5.95	5.89	5.55	---	4.60	4.26	4.93	4.48	5.14	5.33	5.64	5.43
17	5.92	5.96	5.64	---	4.58	4.28	4.81	4.48	5.84	5.31	5.57	5.42
18	5.92	5.99	5.64	---	4.58	4.28	4.75	4.38	5.88	5.28	5.56	5.33
19	5.92	5.99	5.70	5.18	4.56	4.24	4.67	4.29	5.88	5.26	5.52	5.28
20	5.81	5.99	5.70	5.15	4.50	4.13	4.62	4.29	5.81	5.22	5.48	5.23
21	5.83	5.84	5.69	5.12	4.50	4.10	4.55	4.24	5.69	5.33	5.36	5.21
22	5.85	5.80	5.69	5.12	4.46	4.42	4.55	4.14	5.60	5.38	5.33	5.21
23	5.86	5.79	5.69	4.99	4.46	4.45	4.47	4.10	5.52	5.38	5.28	5.38
24	5.86	5.79	5.70	4.98	4.45	4.42	4.36	4.03	5.48	5.44	5.25	5.56
25	5.76	5.78	5.74	5.03	4.43	4.42	4.30	3.96	5.38	5.44	5.25	5.78
26	5.83	5.78	5.75	---	4.40	4.37	4.27	3.96	5.26	5.44	5.24	5.90
27	5.86	5.77	5.75	---	4.38	4.26	4.21	3.92	5.21	5.58	5.22	5.90
28	5.89	5.72	5.69	---	4.34	4.19	4.51	3.88	5.21	5.61	5.12	5.88
29	5.92	5.72	5.64	---	---	4.11	4.51	3.84	5.33	5.64	5.09	5.86
30	5.92	5.70	5.58	4.81	---	4.06	4.42	3.76	5.33	5.64	5.07	6.07
31	5.88	---	5.58	4.75	---	3.99	---	3.72	---	5.61	5.04	---
Total	182.65	175.49	174.14	---	128.76	131.71	130.50	131.35	151.56	168.73	166.54	161.01
Mean	5.89	5.85	5.62	---	4.60	4.25	4.35	4.24	5.05	5.44	5.37	5.37
Max	5.95	5.99	5.75	---	4.90	4.45	4.96	4.67	5.88	5.64	5.69	6.07
Min	5.76	5.70	5.30	---	4.34	3.99	3.68	3.72	4.12	5.22	5.04	5.02

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