



Water-Data Report 2008

251855080283401 Local number G 3354. USGS Observation Well near Florida City, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°18'42.4", long 80°28'38.0" referenced to North American Datum of 1983, in NW ¼ NW ¼ NW ¼ sec.7, T.59 S., R.39 E., Miami-Dade County, FL, Hydrologic Unit 03090202, in C-111 drainage basin between C-109 and C-110 canals, 1.6 mi west of U.S. Highway 1 and 1.15 mi north of C-111 canal, 8.9 mi south of Florida City.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.-- Drilled, observation, water-table well, depth 8. ft, diameter 4 in.

DATUM.--Land-surface datum is 1.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 7.17 ft above National Geodetic Vertical Datum of 1929, Jan. 11, 2006, to present. From Jan. 11, 2006 to Sept. 3, 2006 the top of base was incorrectly considered to be 7.16 ft NGVD. Prior to damage of well, October 24, 2005, top of base was 7.27 ft above NGVD. From January 11, 2006 to September 30, 2006, the top of base was incorrectly considered to be 7.16 ft NGVD. Prior to damage of the well, August 28, 1992, top of base was 7.26 ft above NGVD. From September 1992 to September 1993, top of base was incorrectly considered to be 7.03 ft above NGVD. From October 1993 to September 1994, top of base was incorrectly considered to be 7.30 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--September 1985 to September 2008. Discontinued.

GAGE.--Electronic data logger.

REMARKS.--Above ground section of well casing and recorder shelter was broken off during hurricane Wilma, October 24, 2005 and was reconstructed January 11, 2006. The figures of water level as elevation, in ft NGVD, for the period January 11, 2006 to September 30, 2006, are in error by 0.01 ft, no correction was applied to the record. Well had also been damaged during hurricane Andrew August 28, 1992. The figures of water level as elevation, in feet NGVD, from September 1992 to September 1994 are in error. Revised records for 1993 and 1994 water years are in files of the U.S. Geological Survey. The figures of water level as elevation, in feet NGVD, from the period of September 3 to September 30, 2002, are in error due to a misapplication of the datum correction. Corrected records are in the files of the U.S. Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.24 ft NGVD, Aug. 15, 1988, Aug. 27, 2005; lowest, 0.07 ft NGVD, May 18,19, 2002.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.10	2.57	1.93	1.73	1.66	1.63	1.27	1.62	1.38	2.18	---	2.57
2	3.10	2.57	1.91	1.71	1.65	1.62	1.26	1.60	1.40	---	---	2.56
3	3.06	2.56	1.90	1.69	1.63	1.60	1.25	1.58	1.40	---	---	2.54
4	3.02	2.54	1.89	1.68	1.63	1.59	1.23	1.56	1.40	---	---	2.53
5	2.92	2.53	1.87	1.67	1.62	1.57	1.22	1.54	1.37	---	---	2.51
6	2.89	2.50	1.85	1.67	1.60	1.56	1.41	1.53	1.35	---	---	2.49
7	2.81	2.50	1.84	1.66	1.58	1.54	1.68	1.51	1.31	---	---	2.49
8	2.77	2.48	1.82	1.66	1.57	1.54	1.75	1.49	1.27	---	---	2.49
9	2.71	2.45	1.81	1.64	1.54	1.53	1.81	1.45	1.25	---	---	2.54
10	2.68	2.43	1.80	1.63	1.54	1.52	1.81	1.43	1.27	---	---	2.54
11	2.66	2.41	1.79	1.62	1.51	1.49	1.80	1.41	1.27	---	---	2.50
12	2.64	2.38	1.78	1.61	1.51	1.47	1.79	1.37	1.26	---	---	2.46
13	2.65	2.35	1.77	1.61	1.57	1.45	1.79	1.34	1.26	---	---	2.43
14	2.64	2.32	1.76	1.60	1.57	1.42	1.77	1.30	1.25	---	---	2.41
15	2.60	2.30	1.75	1.59	1.56	1.39	1.74	1.26	1.25	---	---	2.42
16	2.57	2.27	1.75	1.58	1.56	1.37	1.74	1.22	1.24	---	---	2.54
17	2.57	2.21	1.75	1.56	1.53	1.35	1.73	1.19	1.21	---	---	2.52
18	2.54	2.19	1.75	1.54	1.54	1.31	1.72	1.14	1.63	---	---	2.49
19	2.50	2.17	1.73	1.54	1.58	1.30	1.72	1.12	1.71	---	---	2.47
20	2.47	2.16	1.73	1.52	1.58	1.28	1.71	1.07	1.76	---	---	2.47
21	2.47	2.12	1.74	1.52	1.65	1.24	1.71	1.03	1.84	---	---	2.45
22	2.44	2.10	1.74	1.52	1.65	1.30	1.70	1.06	1.90	---	---	2.42
23	2.44	2.10	1.73	1.63	1.65	1.31	1.70	1.06	1.95	---	---	2.41
24	2.42	2.08	1.73	1.66	1.64	1.31	1.68	1.42	1.95	---	---	2.42
25	2.40	2.06	1.74	1.67	1.64	1.31	1.67	1.44	2.11	---	---	2.42
26	2.46	2.05	1.74	1.67	1.64	1.32	1.65	1.44	2.16	---	---	2.42
27	2.49	2.00	1.74	1.68	1.67	1.32	1.64	1.44	2.18	---	---	2.43
28	2.49	1.98	1.73	1.68	1.66	1.31	1.62	1.42	2.18	---	2.50	2.46
29	2.48	1.96	1.73	1.68	1.65	1.30	1.61	1.41	2.17	---	2.50	2.48
30	2.53	1.94	1.73	1.68	---	1.28	1.63	1.39	2.16	---	2.55	2.52
31	2.56	---	1.73	1.68	---	1.27	---	1.37	---	---	2.57	---
Mean	2.65	2.28	1.78	1.63	1.60	1.41	1.63	1.36	1.59	---	---	2.48
Max	3.10	2.57	1.93	1.73	1.67	1.63	1.81	1.62	2.18	---	---	2.57
Min	2.40	1.94	1.73	1.52	1.51	1.24	1.22	1.03	1.21	---	---	2.41

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