Water-Data Report 2011

252906080213101 Local number G 3550. USGS Observation Well near Homestead, FL.

Biscayne aquifer
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°29'07.90", long 80°21'29.82" referenced to North American Datum of 1983, in SW ¼ SE ¼ NW ¼ sec.8, T.57 S., R.40 E., Miami-Dade County, FL, Hydrologic Unit 03090202, east of Homestead Air Force Base on SW 304th Street (Kings Highway) extension, 0.5 mi east of SW 107th Avenue, 7.5 mi east of Homestead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 13 ft. Upper casing diameter 4 in.; top of first opening 8 ft, bottom of last opening 13 ft.

DATUM.--Land-surface datum is 3.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 5.79 ft above National Geodetic Vertical Datum of 1929, Mar. 1994 to present.

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

GAGE.--Electronic data logger.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.40 ft NGVD, Oct. 15, 1999; lowest, 0.26 ft NGVD, June 8, 9, 11, 2011.

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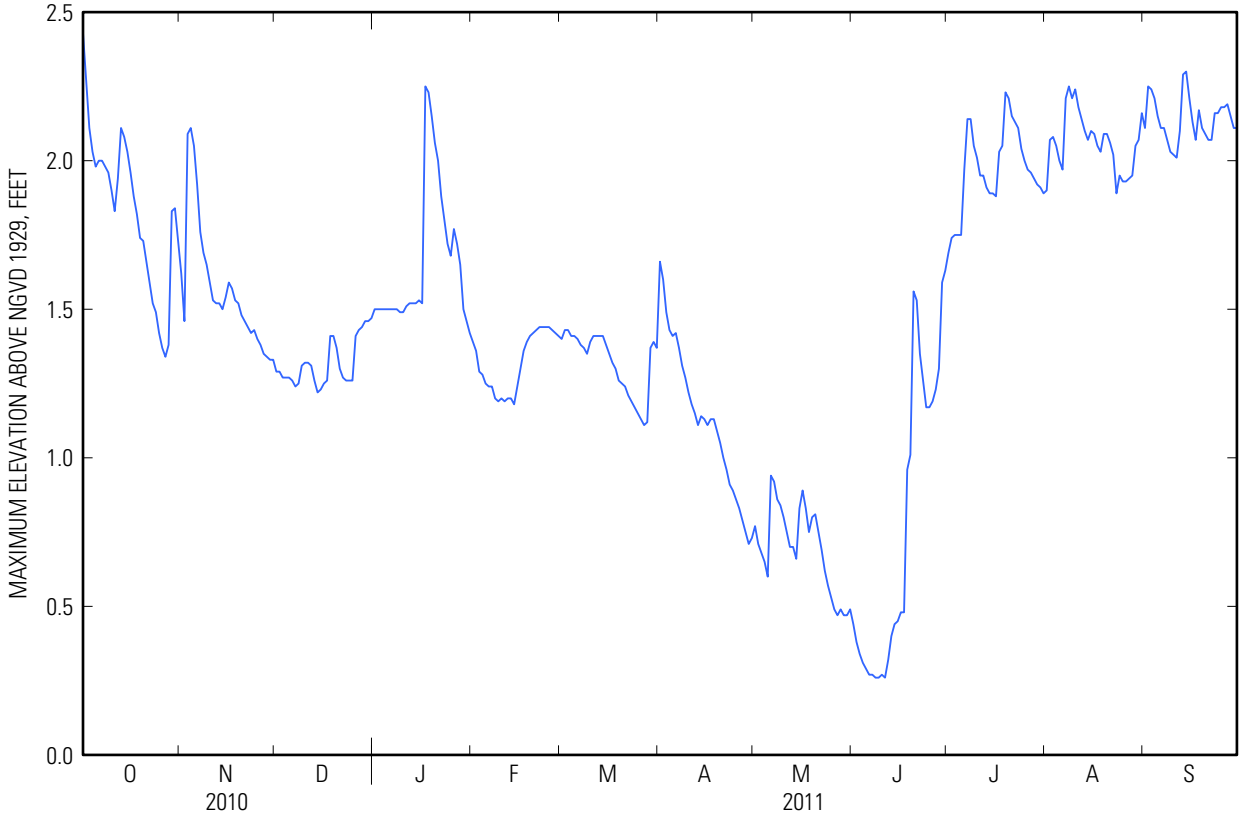
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.43	1.62	1.29	1.50	1.39	1.40	1.66	0.77	0.44	1.69	1.90	2.11
2	2.27	1.46	1.29	1.50	1.36	1.43	1.60	0.71	0.38	1.74	2.07	2.25
3	2.11	2.09	1.27	1.50	1.29	1.43	1.49	0.68	0.34	1.75	2.08	2.24
4	2.03	2.11	1.27	1.50	1.28	1.41	1.43	0.65	0.31	1.75	2.05	2.21
5	1.98	2.05	1.27	1.50	1.25	1.41	1.41	0.60	0.29	1.75	2.00	2.15
6	2.00	1.92	1.26	1.50	1.24	1.40	1.42	0.94	0.27	1.97	1.97	2.11
7	2.00	1.76	1.24	1.50	1.24	1.38	1.37	0.92	0.27	2.14	2.21	2.11
8	1.98	1.69	1.25	1.50	1.20	1.37	1.31	0.86	0.26	2.14	2.25	2.07
9	1.96	1.65	1.31	1.49	1.19	1.35	1.27	0.84	0.26	2.05	2.21	2.03
10	1.90	1.59	1.32	1.49	1.20	1.39	1.22	0.80	0.27	2.01	2.24	2.02
11	1.83	1.53	1.32	1.51	1.19	1.41	1.18	0.75	0.26	1.95	2.18	2.01
12	1.94	1.52	1.31	1.52	1.20	1.41	1.15	0.70	0.32	1.95	2.14	2.10
13	2.11	1.52	1.26	1.52	1.20	1.41	1.11	0.70	0.40	1.91	2.10	2.29
14	2.08	1.50	1.22	1.52	1.18	1.41	1.14	0.66	0.44	1.89	2.07	2.30
15	2.03	1.54	1.23	1.53	1.24	1.38	1.13	0.83	0.45	1.89	2.10	2.21
16	1.96	1.59	1.25	1.52	1.30	1.35	1.11	0.89	0.48	1.88	2.09	2.13
17	1.88	1.57	1.26	2.25	1.36	1.32	1.13	0.83	0.48	2.03	2.05	2.07
18	1.82	1.53	1.41	2.23	1.39	1.30	1.13	0.75	0.96	2.05	2.03	2.17
19	1.74	1.52	1.41	2.15	1.41	1.26	1.09	0.80	1.01	2.23	2.09	2.11
20	1.73	1.48	1.37	2.06	1.42	1.25	1.05	0.81	1.56	2.21	2.09	2.09
21	1.66	1.46	1.30	2.00	1.43	1.24	1.00	0.75	1.53	2.15	2.06	2.07
22	1.59	1.44	1.27	1.88	1.44	1.21	0.96	0.69	1.35	2.13	2.02	2.07
23	1.52	1.42	1.26	1.80	1.44	1.19	0.91	0.62	1.26	2.11	1.89	2.16
24	1.49	1.43	1.26	1.72	1.44	1.17	0.89	0.57	1.17	2.04	1.95	2.16
25	1.42	1.40	1.26	1.68	1.44	1.15	0.86	0.53	1.17	2.00	1.93	2.18
26	1.37	1.38	1.41	1.77	1.43	1.13	0.83	0.49	1.19	1.97	1.93	2.18
27	1.34	1.35	1.43	1.72	1.42	1.11	0.79	0.47	1.23	1.96	1.94	2.19
28	1.38	1.34	1.44	1.65	1.41	1.12	0.75	0.49	1.30	1.94	1.95	2.15
29	1.83	1.33	1.46	1.50	---	1.37	0.71	0.47	1.59	1.92	2.05	2.11
30	1.84	1.33	1.46	1.46	---	1.39	0.73	0.47	1.63	1.91	2.07	2.11
31	1.73	---	1.47	1.42	---	1.37	---	0.49	---	1.89	2.16	---
Total	56.95	47.12	40.83	51.39	36.98	40.92	33.83	21.53	22.87	61.00	63.87	64.16
Mean	1.84	1.57	1.32	1.66	1.32	1.32	1.13	0.69	0.76	1.97	2.06	2.14
Max	2.43	2.11	1.47	2.25	1.44	1.43	1.66	0.94	1.63	2.23	2.25	2.30
Min	1.34	1.33	1.22	1.42	1.18	1.11	0.71	0.47	0.26	1.69	1.89	2.01

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