

Water-Data Report 2007

255208080274001 Local number G 975. USGS Observation Well near Pennsuco, FL.

Biscayne aquifer
Biscayne Limestone Aquifer
Miami-Dade County, FL

LOCATION.--Lat 25°52'08", long 80°27'40" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.5, T.53 S., R.39 E., Miami-Dade County, FL, Hydrologic Unit 03090202, 1.0 mi southwest of junction of Pennsuco Canal and Dade/Broward Levee, 5.5 mi southwest of Pennsuco, and 7.5 mi north of U.S. Highway 41.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 6 in, top of first opening 10 ft, bottom of last opening 15 ft.

DATUM.--Land-surface datum is 7.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 14.38 ft above National Geodetic Vertical Datum of 1929, May 1, 2002, to present. Between December 13, 2001 and May 1, 2002, the measuring point gradually shifted to the current elevation. Prior to December 13, 2001, measuring point was 14.53 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--July 1958 to current year.

GAGE.--Satellite data collection platform.

REMARKS.--Station reconstructed on May 1, 2002 to stabilize the well. Data for the period December 13, 2001 to May 1, 2002, has been corrected to the extent possible but should be considered poor. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.78 ft NGVD, Oct. 14, 1960; lowest, 2.07 ft NGVD, June 2, 1962.

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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	6.03	5.95	5.69	5.20	4.64	4.65	4.04	3.89	4.07	5.23	5.63	5.37
2	6.00	5.95	5.66	5.17	4.61	4.62	3.98	3.83	4.58	5.28	5.66	5.33
3	5.99	5.96	5.62	5.19	4.58	4.58	3.92	3.76	4.59	5.31	5.67	5.30
4	5.96	5.98	5.59	5.19	4.76	4.52	3.91	3.73	4.57	5.50	5.66	5.37
5	5.94	5.99	5.57	5.19	4.87	4.45	4.04	3.71	4.51	5.67	5.65	5.39
6	5.93	5.99	5.56	5.19	4.89	4.41	4.06	4.15	4.50	5.69	5.63	5.39
7	5.93	5.99	5.56	5.18	4.89	4.38	4.03	4.59	4.61	5.71	5.59	5.39
8	5.92	5.99	5.55	5.18	4.88	4.36	3.96	4.59	4.65	5.72	5.55	5.38
9	5.91	5.99	5.52	5.15	4.82	4.34	3.90	4.57	4.66	5.72	5.52	5.36
10	5.88	5.99	5.52	5.13	4.76	4.31	3.87	4.51	4.64	5.72	5.50	5.37
11	5.88	5.98	5.51	5.11	4.70	4.29	4.66	4.43	4.57	5.71	5.48	5.38
12	5.88	5.97	5.48	5.07	4.72	4.25	4.77	4.33	4.83	5.68	5.44	5.38
13	5.95	5.96	5.45	5.03	4.78	4.22	4.81	4.24	4.93	5.66	5.46	5.35
14	5.95	5.96	5.43	4.99	4.78	4.20	4.80	4.15	4.91	5.64	5.53	5.34
15	5.95	5.96	5.44	4.96	4.76	4.18	4.74	4.06	4.90	5.60	5.65	5.32
16	5.94	5.95	5.45	4.94	4.71	4.15	4.67	4.54	5.07	5.55	5.66	5.31
17	5.92	5.95	5.47	4.93	4.75	4.15	4.64	4.64	5.20	5.55	5.67	5.29
18	5.92	5.94	5.47	4.92	4.72	4.13	4.59	4.64	5.25	5.53	5.70	5.26
19	5.91	5.94	5.47	4.91	4.73	4.11	4.49	4.68	5.35	5.50	5.71	5.22
20	5.89	5.92	5.46	4.90	4.67	4.09	4.39	4.67	5.38	5.48	5.70	5.19
21	5.87	5.89	5.44	4.86	4.61	4.08	4.31	4.65	5.38	5.45	5.68	5.14
22	5.88	5.87	5.42	4.82	4.57	4.30	4.23	4.61	5.38	5.47	5.65	5.22
23	5.88	5.83	5.40	4.79	4.52	4.51	4.15	4.53	5.37	5.49	5.61	5.23
24	5.88	5.81	5.37	4.76	4.49	4.51	4.09	4.42	5.35	5.50	5.57	5.33
25	5.86	5.80	5.35	4.74	4.47	4.49	4.03	4.30	5.31	5.52	5.52	5.41
26	5.86	5.77	5.31	4.75	4.56	4.46	3.97	4.21	5.29	5.55	5.49	5.47
27	5.87	5.74	5.30	4.74	4.65	4.41	3.92	4.14	5.28	5.55	5.48	5.52
28	5.87	5.74	5.31	4.73	4.66	4.33	3.89	4.08	5.26	5.57	5.47	5.53
29	5.90	5.72	5.29	4.71	---	4.26	3.94	3.98	5.25	5.56	5.45	5.52
30	5.92	5.71	5.27	4.83	---	4.18	3.92	3.90	5.24	5.60	5.42	5.63
31	5.92	---	5.24	4.71	---	4.11	---	3.83	---	5.62	5.39	---
Mean	5.92	5.91	5.46	4.97	4.70	4.32	4.22	4.27	4.96	5.56	5.57	5.36
Max	6.03	5.99	5.69	5.20	4.89	4.65	4.81	4.68	5.38	5.72	5.71	5.63
Min	5.86	5.71	5.24	4.71	4.47	4.08	3.87	3.71	4.07	5.23	5.39	5.14

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