Water-Data Report 2007

390211074505502 Local number 090081 Cape May 23 Obs

Northern Atlantic Coastal Plain aquifer system
Holly Beach Water-Bearing Zone

Cape May County, NJ

LOCATION.--Lat 39°02′11″, long 74°50′55″ referenced to North American Datum of 1927, Middle Township, Cape May County, NJ, Hydrologic Unit 02040302, in the center of the median of the Garden State Parkway, near mile marker 6.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 26 ft. Upper casing diameter 1.25 in, top of first opening 23 ft, bottom of last opening 26 ft. Driven water-table observation well.

DATUM.--Land-surface datum is 14.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.3 ft above land-surface datum, April 9, 1991, to present.

PERIOD OF RECORD.--June 1957 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, June 1957 to Apr. 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.64 ft below land surface, Apr. 5, 1994; lowest, 10.82 ft below land surface, Sept. 30, 1986.

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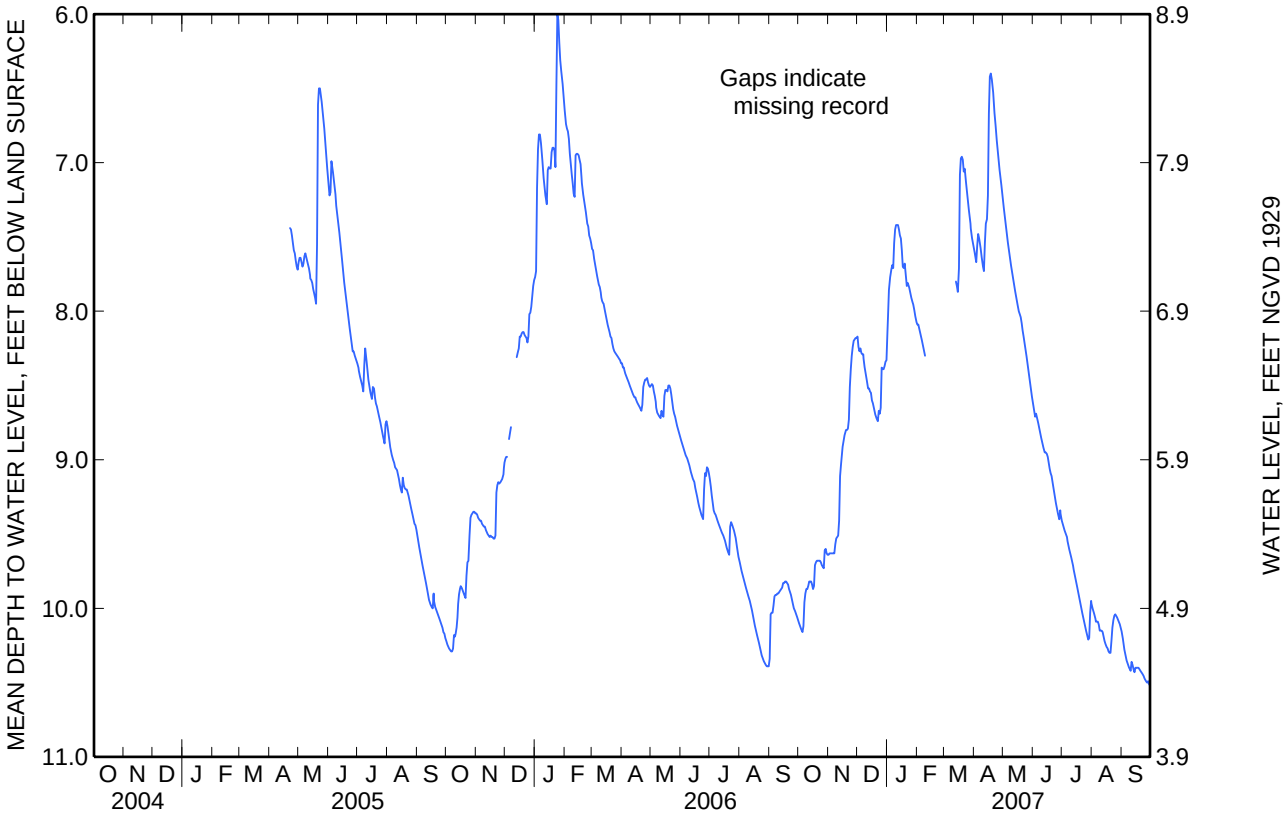
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.09	9.64	8.17	8.14	8.09	---	7.60	7.27	8.63	9.42	9.99	10.17
2	10.11	9.63	8.24	7.93	8.09	---	7.62	7.32	8.68	9.44	10.01	10.22
3	10.13	9.63	8.27	7.83	8.12	---	7.67	7.39	8.71	9.47	10.03	10.26
4	10.15	9.63	8.25	7.76	8.14	---	7.56	7.45	8.69	9.48	10.06	10.30
5	10.16	9.63	8.28	7.72	8.18	---	7.48	7.49	8.71	9.50	10.09	10.33
6	10.12	9.63	8.29	7.69	8.21	---	7.52	7.56	8.75	9.52	10.09	10.35
7	9.96	9.63	8.29	7.71	8.23	---	7.54	7.60	8.78	9.56	10.09	10.37
8	9.90	9.57	8.36	7.54	8.27	---	7.60	7.64	8.81	9.59	10.11	10.39
9	9.87	9.53	8.40	7.45	8.30	---	7.65	7.68	8.84	9.62	10.15	10.41
10	9.87	9.52	8.44	7.42	---	---	7.70	7.72	8.87	9.65	10.15	10.42
11	9.85	9.51	8.48	7.42	---	---	7.73	7.77	8.90	9.67	10.15	10.36
12	9.82	9.41	8.52	7.42	---	---	7.54	7.81	8.93	9.70	10.16	10.38
13	9.82	9.11	8.52	7.45	---	7.80	7.41	7.85	8.95	9.74	10.19	10.41
14	9.82	9.02	8.54	7.49	---	7.83	7.38	7.89	8.95	9.78	10.22	10.43
15	9.84	8.96	8.55	7.51	---	7.87	7.22	7.92	8.96	9.81	10.24	10.40
16	9.87	8.90	8.60	7.59	---	7.71	6.67	7.96	8.98	9.84	10.26	10.40
17	9.85	8.85	8.62	7.70	---	7.08	6.42	8.00	9.02	9.87	10.27	10.40
18	9.71	8.83	8.65	7.71	---	6.97	6.40	8.02	9.06	9.90	10.29	10.40
19	9.69	8.80	8.68	7.68	---	6.96	6.43	8.04	9.09	9.93	10.30	10.41
20	9.68	8.80	8.71	7.76	---	6.98	6.50	8.08	9.11	9.97	10.30	10.42
21	9.68	8.79	8.72	7.83	---	7.06	6.58	8.13	9.15	10.01	10.22	10.43
22	9.68	8.73	8.74	7.81	---	7.04	6.67	8.17	9.19	10.04	10.13	10.44
23	9.68	8.51	8.67	7.83	---	7.09	6.75	8.22	9.23	10.07	10.08	10.45
24	9.69	8.39	8.69	7.86	---	7.18	6.82	8.26	9.28	10.10	10.05	10.47
25	9.71	8.30	8.65	7.88	---	7.25	6.91	8.30	9.31	10.13	10.04	10.48
26	9.72	8.24	8.38	7.92	---	7.30	6.99	8.35	9.34	10.16	10.05	10.49
27	9.73	8.20	8.39	7.94	---	7.34	7.03	8.40	9.37	10.18	10.06	10.50
28	9.61	8.19	8.39	7.96	---	7.41	7.09	8.44	9.40	10.21	10.08	10.49
29	9.60	8.18	8.37	8.01	---	7.48	7.15	8.49	9.34	10.20	10.09	10.51
30	9.63	8.18	8.34	8.03	---	7.52	7.21	8.54	9.39	10.03	10.11	10.52
31	9.64	---	8.33	8.07	---	7.56	---	8.59	---	9.95	10.14	---
Mean	9.83	9.00	8.47	7.74	---	---	7.16	7.95	9.01	9.82	10.14	10.40
Max	10.16	9.64	8.74	8.14	---	---	7.73	8.59	9.40	10.21	10.30	10.52
Min	9.60	8.18	8.17	7.42	---	---	6.40	7.27	8.63	9.42	9.99	10.17

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