Water-Data Report 2006

395930074142101 Local number 290085 Toms River 84 Obs

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Undifferentiated

Ocean County, NJ

LOCATION.--Lat 39°59′29″, long 74°14′20″ referenced to North American Datum of 1927, Toms River Township, Ocean County, NJ, Hydrologic Unit 02040301, at Toms River Plant, Ciba-Geigy Corporation.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 1,480 ft. Upper casing diameter 8 in; top of first opening 1,460 ft, bottom of last opening 1,480 ft. Drilled artesian well.

DATUM.--Land-surface datum is 66.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.7 ft above land-surface datum, Oct. 31, 1988, to present.

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Water-level recorder--60-minute recording interval. Periodic measurements, July 1975 to Feb. 1977. Water-level recorder, July 1968 to July 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 62.32 ft below land surface, July 19, 1968, Feb. 9, 1969; lowest, 107.45 ft below land surface, Jan. 11, 1989.

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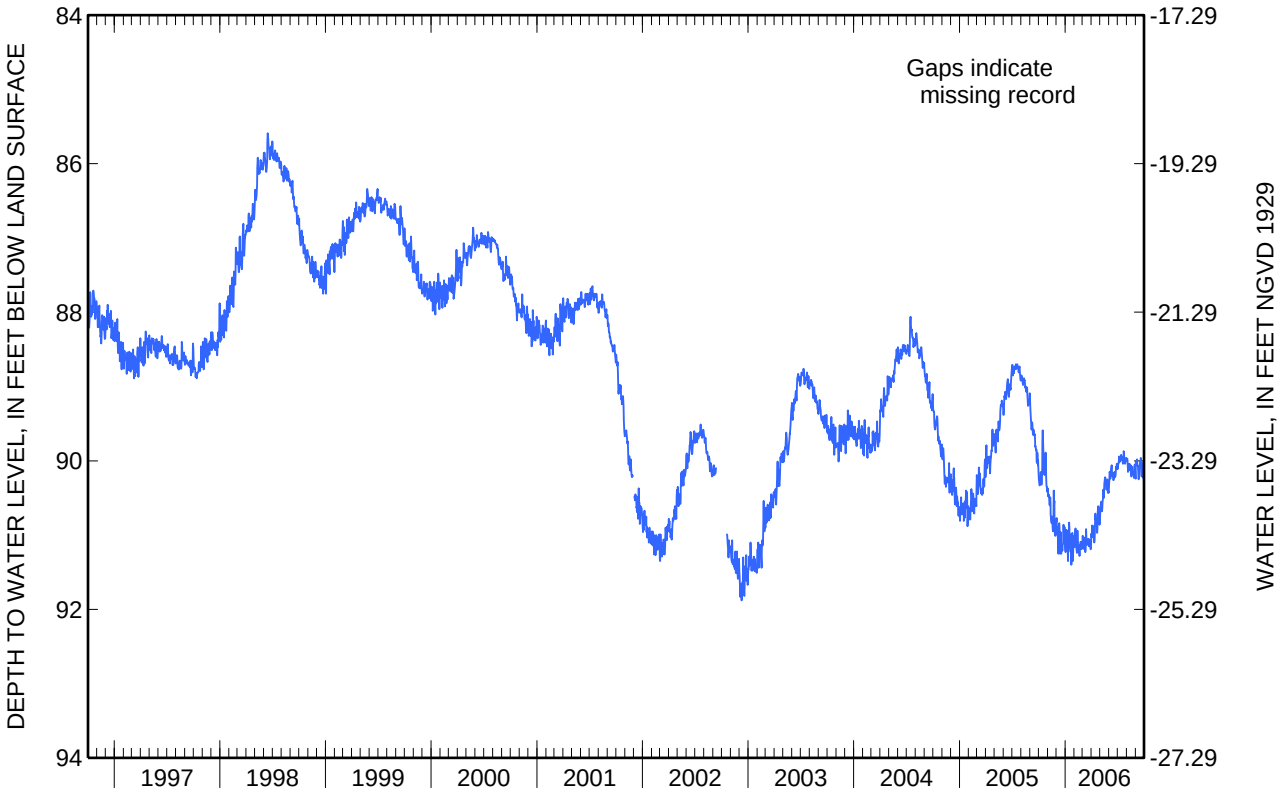
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	90.22	90.37	90.82	91.18	91.14	91.10	90.98	90.78	90.36	90.11	90.00	90.24
2	90.27	90.41	90.77	91.23	91.16	91.01	91.03	90.66	90.27	90.08	89.99	90.02
3	90.31	90.48	90.94	91.00	91.04	91.09	90.98	90.59	90.15	90.05	89.97	90.00
4	90.33	90.45	90.89	91.05	91.02	91.12	90.87	90.58	90.17	90.02	89.99	90.01
5	90.33	90.48	91.00	90.93	90.91	91.17	90.90	90.55	90.21	90.01	90.09	90.00
6	90.32	90.49	90.98	90.96	91.06	91.15	90.97	90.55	90.24	89.94	90.15	89.98
7	90.26	90.58	91.14	91.09	91.13	91.19	90.90	90.67	90.14	90.02	90.10	90.04
8	90.15	90.60	91.25	91.16	91.18	91.19	90.88	90.68	90.12	90.01	90.07	90.07
9	90.22	90.56	91.00	91.16	91.19	91.10	90.99	90.61	90.09	89.97	90.11	90.07
10	90.31	90.49	90.99	91.35	91.24	91.03	91.06	90.56	90.06	89.98	90.04	90.15
11	90.32	90.66	90.84	91.24	91.18	91.23	91.10	90.52	90.11	90.00	90.04	90.24
12	90.27	90.78	90.92	91.19	90.94	91.18	91.08	90.39	90.18	89.98	90.11	90.25
13	90.07	90.79	91.13	91.15	91.09	91.03	90.96	90.46	90.21	89.92	90.13	90.18
14	89.72	90.82	91.25	90.83	91.17	90.92	90.85	90.50	90.18	89.96	90.09	90.15
15	89.59	90.84	91.17	90.91	91.22	91.04	90.71	90.43	90.16	89.94	90.06	90.05
16	89.75	90.75	90.96	91.10	91.23	91.12	90.79	90.31	90.26	89.95	90.16	90.03
17	89.88	90.81	91.23	91.17	91.13	91.13	90.81	90.27	90.26	89.96	90.21	90.00
18	89.93	90.90	91.25	90.99	91.21	91.12	90.84	90.23	90.23	89.97	90.21	90.00
19	90.04	90.95	91.16	91.22	91.28	91.10	90.82	90.22	90.18	90.04	90.15	89.96
20	90.13	90.92	91.14	91.20	91.19	91.12	90.83	90.26	90.15	90.02	90.08	89.99
21	90.19	90.77	91.18	91.17	91.14	91.05	90.97	90.26	90.22	89.95	90.15	90.14
22	90.05	90.40	91.21	91.40	91.16	91.05	90.92	90.33	90.22	89.87	90.18	90.21
23	90.07	90.59	91.13	91.13	91.09	91.15	90.68	90.39	90.21	89.90	90.16	90.12
24	90.16	90.54	91.12	91.04	91.18	91.12	90.63	90.38	90.18	89.97	90.16	90.03
25	89.89	90.89	91.04	90.97	91.17	91.06	90.61	90.34	90.08	90.00	90.18	90.08
26	90.05	90.99	90.86	91.19	91.19	91.06	90.67	90.25	90.09	90.00	90.23	90.19
27	90.26	91.01	91.06	91.35	91.16	91.13	90.64	90.27	90.11	90.04	90.21	90.23
28	90.35	91.01	91.10	91.25	91.10	91.16	90.76	90.43	90.04	90.01	90.08	90.18
29	90.35	90.94	90.89	91.11	---	91.17	90.86	90.42	90.04	89.98	90.05	90.18
30	90.38	90.83	91.01	91.05	---	91.19	90.84	90.41	90.05	89.96	90.10	90.33
31	90.42	---	91.08	91.01	---	91.14	---	90.43	---	89.99	90.21	---
Mean	90.15	90.70	91.05	91.12	91.14	91.11	90.86	90.44	90.17	89.99	90.11	90.10
Max	90.42	91.01	91.25	91.40	91.28	91.23	91.10	90.78	90.36	90.11	90.23	90.33
Min	89.59	90.37	90.77	90.83	90.91	90.92	90.61	90.22	90.04	89.87	89.97	89.96

	Water Year 2006
Mean	90.58
High	89.59
Low	91.40

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