



Water-Data Report 2010

**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.

**GROUNDWATER 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.--Submersible logger pressure transducer-60 minute recording interval. Water-level recorder, March 1977 to May 2008. Periodic measurements, July 1975 to February 1977. Water-level recorder, July 1968 to July 1975.

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

EXTREMES FOR CURRENT YEAR.--Highest water level, 87.22 ft below land surface datum, Jun 6; lowest water level, 89.76 ft below land surface datum, Sep 26, 27, 29.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	89.08	---	---	88.92	89.13	88.50	87.96	87.74	87.39	87.75	88.22	89.03
2	89.09	---	---	88.86	89.12	88.55	88.07	87.75	87.38	87.80	88.29	89.03
3	89.03	---	---	88.83	89.06	88.42	88.07	87.70	87.33	87.77	88.30	88.92
4	89.05	---	---	88.90	89.17	88.47	88.07	87.71	87.37	87.73	88.23	88.96
5	89.10	---	---	88.92	89.12	88.58	88.06	87.77	87.35	87.74	88.18	89.12
6	89.11	---	---	88.93	88.85	88.65	87.97	87.69	87.28	87.77	88.22	89.24
7	89.00	---	---	89.00	88.92	88.61	87.92	87.77	87.41	87.78	88.34	89.23
8	89.19	---	---	88.96	88.97	88.55	87.90	87.61	87.51	87.81	88.41	89.12
9	89.13	---	---	89.09	88.97	88.57	87.91	87.77	87.50	87.80	88.42	89.17
10	89.14	---	---	89.17	88.57	88.59	88.10	87.89	87.39	87.76	88.40	89.23
11	89.30	---	---	89.13	88.67	88.60	88.11	87.95	87.52	87.78	88.40	89.32
12	89.37	---	---	89.10	88.77	88.58	88.15	87.82	87.50	87.83	88.43	89.35
13	89.26	---	---	89.16	88.67	88.27	88.21	87.86	87.41	87.84	88.53	89.35
14	89.33	---	---	89.19	88.68	88.04	88.22	87.76	87.41	87.78	88.60	89.37
15	89.21	---	---	89.16	88.73	87.94	88.11	87.72	87.52	87.78	88.60	89.48
16	89.15	---	---	89.17	88.59	88.16	87.97	87.76	87.54	87.78	88.57	89.45
17	89.19	---	---	89.03	88.62	88.25	87.88	87.74	87.46	87.77	88.62	89.42
18	89.19	---	---	88.91	88.63	88.21	87.94	87.54	87.57	87.80	88.65	89.56
19	89.25	---	---	89.00	88.71	88.23	87.96	87.45	87.57	87.83	88.61	89.55
20	89.28	---	---	89.03	88.79	88.31	87.96	87.49	87.51	87.90	88.67	89.54
21	89.29	---	---	89.12	88.79	88.33	87.90	87.54	87.56	87.92	88.74	89.65
22	---	---	---	89.04	88.77	88.26	87.83	87.59	87.61	87.96	88.68	89.62
23	---	---	---	89.17	88.63	88.04	87.88	87.58	87.56	87.99	88.69	89.70
24	---	---	---	89.10	88.54	88.13	87.95	87.59	87.52	87.97	88.74	89.67
25	---	---	---	88.79	88.34	88.16	87.72	87.56	87.60	87.97	88.73	89.62
26	---	---	---	88.86	88.25	88.13	87.54	87.43	87.58	88.03	88.80	89.72
27	---	---	---	89.03	88.39	88.38	87.54	87.41	87.52	88.10	88.90	89.70
28	---	---	---	89.01	88.44	88.32	87.65	87.45	87.49	88.10	88.97	89.62
29	---	---	---	89.13	---	88.01	87.73	87.43	87.57	88.06	89.00	89.74
30	---	---	89.14	89.08	---	87.76	87.75	87.41	87.70	88.10	89.03	89.66
31	---	---	89.05	89.05	---	87.79	---	87.45	---	88.15	89.03	---
<b>Mean</b>	---	---	---	89.03	88.75	88.30	87.93	87.64	87.49	87.88	88.58	89.40
<b>Max</b>	---	---	---	89.19	89.17	88.65	88.22	87.95	87.70	88.15	89.03	89.74
<b>Min</b>	---	---	---	88.79	88.25	87.76	87.54	87.41	87.28	87.73	88.18	88.92

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