



Water-Data Report 2007

395609074124001 Local number 290534 Toms River 2 Obs NJ Permit Number 33-01117

Northern Atlantic Coastal Plain aquifer system
Englishtown Formation
Ocean County, NJ

LOCATION.--Lat 39°56'09", long 74°12'40" referenced to North American Datum of 1927, So Toms River Borough, Ocean County, NJ, Hydrologic Unit 02040301, about 200 ft east of Double Trouble Rd. on the north side of Jakes Branch.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 1,146 ft. Upper casing diameter 8 in, top of first opening 1,080 ft, bottom of last opening 1,146 ft. Drilled artesian well.

DATUM.--Land-surface datum is 18.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.44 ft above land-surface datum, Oct. 25, 1993, to present.

PERIOD OF RECORD.--Dec. 1965 to current year.

GAGE.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, Oct. 1990 to Apr. 2007. Water-level extremes recorder, Feb. 1977 to Oct. 1990. Periodic measurements, July 1975 to Feb. 1977. Water-level recorder, Dec. 1965 to July 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 48.37 ft below land surface, May 28, 1966; lowest, 106.41 ft below land surface, Dec. 19-20, 1992.

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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	66.08	65.83	65.39	65.20	65.04	64.87	---	65.17	65.21	65.26	65.10	65.18
2	66.12	65.82	65.50	65.23	64.90	64.57	---	65.14	65.19	65.32	65.13	65.24
3	66.13	65.93	65.60	65.33	64.96	64.58	---	65.25	65.11	65.32	65.13	65.17
4	66.09	66.02	65.50	65.29	65.03	64.61	---	65.26	64.88	65.28	65.12	65.15
5	66.11	66.04	65.54	65.21	65.08	64.66	---	65.23	64.92	65.18	65.15	65.20
6	66.16	66.00	65.54	65.12	65.11	64.85	---	65.32	65.06	65.16	65.10	65.27
7	66.15	65.92	65.41	65.28	65.01	64.87	---	65.36	65.16	65.20	65.11	65.25
8	66.15	65.62	65.50	65.01	64.98	64.83	---	65.30	65.10	65.18	65.06	65.22
9	66.09	65.52	65.56	65.04	64.96	64.92	---	65.25	65.09	65.19	65.14	65.20
10	66.04	65.66	65.54	65.16	64.98	64.84	---	65.20	65.15	65.20	65.10	65.17
11	65.97	65.69	65.57	65.34	65.04	64.79	---	65.15	65.14	65.15	65.18	65.08
12	65.83	65.65	65.61	65.28	65.05	64.83	---	65.19	65.14	65.17	65.20	65.17
13	65.95	65.58	65.49	65.21	65.09	64.80	---	65.23	65.16	65.21	65.14	65.27
14	65.95	65.51	65.40	65.20	64.68	64.73	---	65.29	65.18	65.21	65.17	65.26
15	66.02	65.56	65.33	65.10	64.76	64.69	---	65.18	65.17	65.18	65.17	65.19
16	66.10	65.51	65.41	65.10	64.79	64.68	---	65.09	65.14	65.22	65.17	65.33
17	66.04	65.45	65.45	65.34	64.80	64.46	---	65.19	65.13	65.26	65.15	65.38
18	65.87	65.54	65.42	65.30	64.74	64.57	64.99	65.22	65.17	65.19	65.25	65.38
19	65.86	65.54	65.48	65.05	64.86	64.71	65.05	65.16	65.17	65.07	65.27	65.34
20	65.75	65.59	65.55	65.09	64.78	64.70	65.11	65.10	65.12	65.07	65.19	65.31
21	65.90	65.71	65.52	65.23	64.76	64.86	65.14	65.21	65.12	65.18	65.18	65.30
22	65.91	65.66	65.51	65.08	64.73	64.72	65.20	65.32	65.09	65.23	65.16	65.27
23	65.82	65.51	65.27	65.03	64.75	64.64	65.17	65.37	65.14	65.13	65.15	65.30
24	65.82	65.47	65.33	65.06	64.88	64.68	65.13	65.36	65.21	65.14	65.11	65.35
25	65.88	---	65.37	65.02	64.91	64.71	65.19	65.27	65.25	65.17	65.06	65.34
26	65.95	---	65.09	65.06	64.74	64.70	65.24	65.21	65.29	65.17	65.09	65.29
27	65.96	---	65.24	65.01	64.78	64.57	65.12	65.23	65.26	65.11	65.16	65.27
28	65.59	---	65.42	64.92	64.85	64.62	65.07	65.23	65.19	65.08	65.18	65.24
29	65.70	---	65.49	64.97	---	64.71	65.08	65.26	65.21	65.09	65.16	65.40
30	65.86	---	65.45	65.01	---	---	65.08	65.26	65.23	65.08	65.12	65.48
31	65.85	---	65.43	65.02	---	---	---	65.24	---	65.09	65.12	---
Mean	65.96	---	65.45	65.14	64.89	---	---	65.23	65.15	65.18	65.15	65.27
Max	66.16	---	65.61	65.34	65.11	---	---	65.37	65.29	65.32	65.27	65.48
Min	65.59	---	65.09	64.92	64.68	---	---	65.09	64.88	65.07	65.06	65.08

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