



Water-Data Report 2006

400210074031001 Local number 290503 Mantoloking 6 Obs NJ Permit Number 29-01325

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

LOCATION.--Lat 40°02'10", long 74°03'10" referenced to North American Datum of 1927, Mantoloking Borough, Ocean County, NJ, Hydrologic Unit 02040301, Bay Ave.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 906 ft. Upper casing diameter 8 in; top of first opening 845 ft, bottom of last opening 906 ft. Drilled artesian well.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.4 ft above land-surface datum, Oct. 28, 1988, to present.

PERIOD OF RECORD.--Oct. 1983 to current year.

GAGE.--Water-level recorder--60-minute recording interval. Periodic measurements, Oct. 1983 to May 1984.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 61.31 ft below land surface, May 26, 2006; lowest, 207.49 ft below land surface, Oct. 31, 1987.

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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	93.17	91.22	83.56	79.27	73.93	70.44	66.41	---	62.56	64.63	---	---
2	93.49	91.04	83.46	79.25	73.76	70.03	66.45	---	62.54	64.91	---	---
3	93.84	90.77	83.92	78.62	73.49	70.05	66.19	---	62.37	65.53	---	---
4	94.05	90.43	83.41	78.40	73.52	70.28	65.86	---	62.52	66.08	---	---
5	94.10	89.80	83.28	78.26	73.20	70.05	65.85	---	62.69	66.85	---	---
6	93.94	89.31	83.03	78.39	73.87	69.80	65.87	---	62.85	67.65	---	---
7	93.71	89.15	83.34	78.52	74.05	69.58	65.59	---	62.62	68.41	---	---
8	93.32	88.97	83.42	78.60	73.62	69.48	65.46	---	62.62	68.89	---	---
9	93.22	88.43	82.73	78.43	73.36	69.13	65.45	---	62.76	69.26	---	---
10	93.05	87.92	82.69	78.68	73.30	68.86	65.47	---	62.96	69.87	---	---
11	92.94	88.02	82.10	78.44	73.04	69.25	65.47	---	63.22	70.46	---	---
12	92.50	87.80	82.00	78.20	72.19	69.09	65.38	---	63.25	70.88	---	---
13	92.12	87.50	82.08	77.95	72.41	68.76	---	---	63.31	71.24	---	---
14	91.96	87.30	81.98	77.17	72.85	68.38	---	---	63.32	71.71	---	---
15	91.93	86.94	81.71	77.45	72.69	68.75	---	---	63.36	72.14	---	---
16	92.47	86.47	81.05	77.56	72.47	68.84	---	---	63.49	72.63	---	---
17	93.03	86.57	81.67	77.47	72.21	68.48	---	---	63.58	73.12	---	---
18	92.87	86.55	81.66	76.66	72.56	68.31	---	---	63.59	73.55	---	---
19	92.77	86.24	81.44	77.52	72.57	68.20	---	---	63.57	74.02	---	---
20	92.57	86.07	81.31	77.26	72.09	68.11	---	---	63.64	74.26	---	---
21	92.23	85.73	81.21	76.80	71.70	67.90	---	---	63.78	74.25	---	---
22	91.47	84.80	81.04	77.04	71.50	67.66	---	---	63.76	74.12	---	---
23	91.15	85.11	80.89	76.34	71.10	67.74	---	---	63.86	74.34	---	---
24	91.09	84.68	80.62	75.82	71.24	67.46	---	---	63.91	74.67	---	---
25	89.85	85.21	80.11	75.51	71.11	67.14	---	62.23	63.95	75.05	---	---
26	90.14	85.00	79.63	75.83	71.02	66.91	---	61.99	64.00	---	---	---
27	90.86	84.70	80.11	75.64	70.87	66.92	---	62.05	64.11	---	---	81.53
28	90.75	84.36	79.82	75.53	70.63	66.88	---	62.34	64.05	---	---	81.22
29	90.68	83.92	79.26	75.03	---	66.87	---	62.36	64.25	---	---	81.11
30	90.89	83.64	79.43	74.55	---	66.84	---	62.48	64.42	---	---	81.27
31	91.22	---	79.36	74.03	---	66.67	---	62.56	---	---	---	---
Mean	92.30	87.12	81.66	77.23	72.51	68.48	---	---	63.36	---	---	---
Max	94.10	91.22	83.92	79.27	74.05	70.44	---	---	64.42	---	---	---
Min	89.85	83.64	79.26	74.03	70.63	66.67	---	---	62.37	---	---	---

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