



Water-Data Report 2010

394922074563302 Local number 070413 Elm Tree 3 Obs NJ Permit Number 31-04561

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Middle Aquifer
Camden County, NJ

LOCATION.--Lat 39°49'22", long 74°56'30" referenced to North American Datum of 1927, Voorhees Township, Camden County, NJ, Hydrologic Unit 02040202, about 200 ft northeast of Thomas Rd. and about 2 mi northwest of Berlin.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 717 ft. Upper casing diameter 6 in; top of first opening 706 ft, bottom of last opening 717 ft. Drilled artesian well.

DATUM.--Land-surface datum is 148.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, .6 ft above land-surface datum, Nov 16, 1984, to present.

PERIOD OF RECORD.--December 1963 to current year.

GAGE.--Water-level recorder--60-minute recording interval. Periodic measurements, April 1975 to March 1977. Water-level recorder, December 1963 to April 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 174.21 ft below land surface, Feb 6, 1964; lowest, 243.99 ft below land surface, Sep 11-12, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level, 196.37 ft below land surface datum, May 3; lowest water level, 213.44 ft below land surface datum, Aug 18.

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	205.59	203.03	202.29	200.64	199.84	198.82	196.71	196.44	198.31	207.94	211.64	211.33
2	205.61	202.94	202.25	200.57	199.80	198.81	196.71	196.43	198.49	208.23	211.74	211.34
3	205.61	202.82	201.97	200.50	199.73	198.68	196.69	196.39	198.65	208.51	211.79	211.33
4	205.66	202.81	202.08	200.51	199.80	198.70	196.68	196.42	198.91	208.81	211.77	211.44
5	205.73	202.72	201.92	200.48	199.73	198.76	196.67	196.50	199.13	209.16	211.75	211.65
6	205.74	202.74	201.86	200.44	199.45	198.80	196.61	196.47	199.35	209.56	211.80	211.80
7	205.63	202.72	201.75	200.44	199.49	198.76	196.57	196.58	199.75	210.00	211.93	211.85
8	205.78	202.69	201.64	200.36	199.52	198.67	196.55	196.51	200.19	210.49	212.04	211.81
9	205.72	202.73	201.14	200.41	199.51	198.63	196.60	196.71	200.59	210.96	212.15	211.90
10	205.73	202.71	201.09	200.45	199.17	198.58	196.83	196.86	200.96	211.45	212.25	212.01
11	205.86	202.72	201.19	200.43	199.25	198.50	196.92	196.98	201.44	211.91	212.41	212.12
12	205.91	202.66	201.24	200.41	199.31	198.38	197.02	196.94	201.72	212.29	212.62	212.18
13	205.81	202.62	201.02	200.45	199.18	198.00	197.14	197.07	201.89	212.48	212.89	212.19
14	205.82	202.65	200.92	200.47	199.13	197.81	197.19	197.06	202.10	212.56	213.11	212.18
15	205.65	202.70	200.84	200.45	199.13	197.74	197.19	197.05	202.38	212.61	213.22	212.20
16	205.49	202.76	200.90	200.45	199.01	197.77	197.15	197.12	202.56	212.55	213.28	212.09
17	205.37	202.84	200.90	200.32	199.02	197.72	197.17	197.15	202.64	212.38	213.37	211.97
18	205.20	202.89	200.84	200.26	199.00	197.59	197.26	197.07	202.84	212.17	213.39	211.97
19	205.09	202.83	200.59	200.32	199.03	197.52	197.30	197.04	202.99	211.97	213.31	211.81
20	204.94	202.75	200.52	200.35	199.06	197.52	197.29	197.10	203.18	211.86	213.23	211.63
21	204.78	202.74	200.60	200.41	199.04	197.50	197.23	197.15	203.58	211.75	213.17	211.55
22	204.56	202.75	200.67	200.31	199.01	197.40	197.15	197.20	204.03	211.69	213.01	211.41
23	204.43	202.72	200.73	200.37	198.90	197.22	197.16	197.22	204.48	211.58	212.87	211.37
24	204.18	202.63	200.79	200.26	198.88	197.26	197.17	197.28	204.93	211.45	212.79	211.27
25	204.08	202.55	200.81	199.93	198.78	197.23	196.90	197.35	205.48	211.38	212.57	211.13
26	204.03	202.46	200.68	199.92	198.69	197.13	196.66	197.34	205.95	211.43	212.36	211.09
27	203.80	202.30	200.65	199.98	198.78	197.26	196.58	197.42	206.33	211.49	212.12	210.93
28	203.52	202.33	200.63	199.91	198.79	197.15	196.57	197.62	206.68	211.49	211.87	210.72
29	203.51	202.34	200.76	199.96	---	196.85	196.56	197.78	207.12	211.46	211.65	210.66
30	203.37	202.22	200.88	199.87	---	196.67	196.50	197.96	207.58	211.51	211.49	210.44
31	203.10	---	200.76	199.81	---	196.66	---	198.18	---	211.56	211.38	---
Mean	205.01	202.68	201.13	200.30	199.22	197.87	196.89	197.04	202.47	211.12	212.42	211.58
Max	205.91	203.03	202.29	200.64	199.84	198.82	197.30	198.18	207.58	212.61	213.39	212.20
Min	203.10	202.22	200.52	199.81	198.69	196.66	196.50	196.39	198.31	207.94	211.38	210.44

Water Year 2010	
Mean	203.17
High	196.39
Low	213.39

