



Water-Data Report 2009

394922074563301 Local number 070412 Elm Tree 2 Obs NJ Permit Number 31-09560

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Lower 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 1,092 ft. Upper casing diameter 6 in; top of first opening 1,082 ft, bottom of last opening 1,092 ft. Drilled artesian well.

DATUM.--Land-surface datum is 148.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.8 ft above land-surface datum, Dec 1, 1984, to present.

PERIOD OF RECORD.--March 1964 to current year.

GAGE.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, March 1977 to December 1984. Periodic measurements, June 1975 to March 1977. Water-level recorder, July 1965 to June 1975. Periodic measurements, February 1964 to July 1965.

REMARKS.--Well was originally screened 1,217 to 1,227 ft; rehabilitated Aug 1969.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 142.28 ft below land surface, Mar 3, 1964; lowest, 233.08 ft below land surface, Sep 16, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level, 192.38 ft below land surface datum, Apr 21; lowest water level, 205.71 ft below land surface datum, Oct 7.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	204.60	203.75	202.14	200.84	198.69	195.27	194.27	194.48	195.71	195.63	199.48	200.30
2	204.85	203.87	202.33	200.73	198.69	195.27	194.14	194.18	196.01	195.62	199.30	200.64
3	205.08	204.06	202.37	200.50	198.69	195.65	193.77	194.03	196.13	195.73	199.31	200.70
4	205.13	204.12	202.19	200.70	198.66	195.52	193.81	193.79	195.80	196.19	199.65	200.76
5	205.27	204.07	201.87	200.79	198.44	195.61	193.99	193.76	195.03	196.37	200.09	201.20
6	205.54	203.63	201.37	200.83	198.23	195.45	193.76	193.77	194.80	196.62	200.40	201.59
7	205.65	203.21	201.16	200.51	197.81	195.35	193.56	193.56	194.73	196.90	200.46	201.70
8	205.58	202.78	201.49	200.48	197.66	195.50	193.61	193.63	195.25	197.27	200.71	201.84
9	205.48	202.48	201.50	200.24	198.02	195.54	193.76	193.76	195.11	197.83	200.55	201.69
10	205.43	202.74	201.19	200.26	198.03	195.45	193.99	194.18	194.80	198.44	199.77	201.65
11	205.19	203.12	201.23	200.53	197.90	195.08	193.72	194.56	194.60	198.71	199.68	201.05
12	205.32	203.36	200.97	200.68	197.38	195.18	193.90	194.56	194.41	198.87	199.81	200.81
13	205.27	203.07	201.19	200.50	196.96	195.16	193.69	194.87	194.48	198.76	199.80	201.03
14	205.12	203.07	201.22	200.68	196.79	194.97	193.45	194.91	194.68	198.85	199.78	201.07
15	205.24	202.99	200.98	201.00	196.89	194.97	193.32	194.74	195.11	199.07	199.82	200.75
16	205.12	203.07	201.05	201.33	196.86	195.16	193.39	194.33	195.00	199.50	200.50	200.61
17	204.66	203.16	201.00	201.35	196.65	195.27	193.31	194.07	194.91	199.64	200.94	200.58
18	204.69	203.16	201.10	201.03	196.19	195.43	193.19	194.05	194.95	199.70	201.14	200.43
19	204.97	203.19	200.87	200.83	195.82	195.49	193.19	194.20	194.61	200.06	201.01	200.50
20	204.95	202.99	200.68	200.86	195.93	195.39	193.11	194.48	194.27	200.50	201.13	200.67
21	204.93	202.73	200.54	200.71	196.04	195.35	192.49	195.14	194.08	200.35	201.10	201.01
22	204.49	202.84	201.02	200.58	195.88	195.08	192.67	195.34	194.15	199.99	200.74	200.97
23	204.30	202.82	201.31	200.13	195.88	194.97	192.94	195.45	194.23	199.76	200.22	200.81
24	204.53	202.72	201.23	199.95	195.89	195.00	193.18	195.79	194.23	199.76	200.35	200.73
25	204.36	202.51	201.25	199.92	195.81	194.92	193.41	195.83	194.23	199.73	200.48	200.73
26	204.41	202.57	201.15	199.96	195.61	194.70	193.88	196.31	194.31	199.74	200.48	200.66
27	203.89	202.59	201.22	199.43	195.39	194.58	194.32	195.92	194.71	200.08	200.50	200.48
28	203.75	202.45	201.27	198.72	195.33	194.35	194.62	195.78	195.20	200.43	200.53	200.09
29	203.53	202.41	201.24	197.96	---	193.94	194.92	195.78	195.44	200.24	200.22	199.94
30	203.55	202.24	201.15	198.15	---	194.08	194.82	195.37	195.59	199.96	200.04	199.97
31	203.80	---	201.21	198.58	---	194.37	---	195.32	---	199.96	200.02	---
Mean	204.80	203.06	201.31	200.28	197.00	195.10	193.67	194.71	194.89	198.72	200.26	200.83
Max	205.65	204.12	202.37	201.35	198.69	195.65	194.92	196.31	196.13	200.50	201.14	201.84
Min	203.53	202.24	200.54	197.96	195.33	193.94	192.49	193.56	194.08	195.62	199.30	199.94

Water Year 2009	
Mean	198.74
High	192.49
Low	205.65

