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Water-Data Report 2007

**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.

**GROUND-WATER 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 observation 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.--Mar. 1964 to current year.

GAGE.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Mar. 1977 to Dec. 1984. Periodic measurements, June 1975 to Mar. 1977. Water-level recorder, July 1965 to June 1975. Periodic measurements, Feb. 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, Sept. 16, 1995.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	201.34	203.64	203.30	202.00	196.30	195.49	194.96	193.06	197.79	200.94	205.70	205.14
<b>2</b>	201.30	204.16	203.15	202.29	196.08	195.13	194.71	193.11	197.96	201.18	206.15	205.07
<b>3</b>	201.26	204.33	203.25	201.97	196.27	195.18	195.10	193.71	197.97	201.34	206.59	205.06
<b>4</b>	201.23	203.26	203.41	201.76	196.22	195.34	194.65	193.51	197.61	201.64	206.97	205.52
<b>5</b>	201.34	202.33	203.69	201.33	196.33	195.58	194.39	193.22	197.15	201.30	207.49	205.70
<b>6</b>	201.47	201.72	203.80	200.40	196.55	195.97	194.26	193.11	197.23	200.72	207.47	205.87
<b>7</b>	201.46	201.89	203.69	200.00	196.38	196.08	194.03	193.24	197.50	201.00	207.47	205.95
<b>8</b>	201.42	202.24	203.81	199.28	196.30	196.26	193.94	193.28	197.94	201.44	207.61	206.14
<b>9</b>	201.35	202.97	203.66	198.97	196.20	196.44	193.94	193.42	198.61	201.84	207.43	206.53
<b>10</b>	201.31	203.59	203.28	198.99	196.15	196.46	194.00	193.97	199.17	201.88	206.81	206.92
<b>11</b>	201.22	203.86	203.35	199.04	196.19	196.71	193.96	194.29	199.62	201.92	206.16	206.49
<b>12</b>	201.07	204.09	203.59	198.64	196.31	196.97	193.74	194.63	199.40	201.65	206.07	205.78
<b>13</b>	201.21	203.97	203.56	198.33	196.28	196.79	193.83	194.80	199.16	201.78	206.53	205.47
<b>14</b>	201.10	204.08	203.32	198.50	195.63	196.68	193.79	194.57	198.85	201.81	206.49	205.63
<b>15</b>	201.05	204.28	203.21	198.31	195.71	196.62	193.24	194.56	198.84	202.23	206.57	205.35
<b>16</b>	201.12	204.28	203.49	197.95	195.84	196.61	192.98	194.84	198.90	202.58	206.96	205.23
<b>17</b>	201.84	204.33	203.36	198.02	195.63	196.44	193.70	195.08	199.38	203.02	207.30	205.61
<b>18</b>	202.29	204.09	203.28	197.77	195.87	196.56	193.44	195.13	199.99	203.61	207.17	205.58
<b>19</b>	202.65	203.93	203.59	197.47	196.54	196.67	193.79	194.89	200.45	203.42	206.80	205.69
<b>20</b>	202.66	204.29	203.64	197.35	196.04	196.68	193.84	194.85	200.45	203.62	206.12	206.02
<b>21</b>	202.80	204.54	203.39	197.24	195.83	196.79	193.72	195.24	200.56	204.04	205.18	206.18
<b>22</b>	202.56	204.46	203.53	196.93	195.74	196.64	193.52	195.67	201.19	204.54	204.67	206.11
<b>23</b>	202.47	204.44	203.27	196.89	195.77	196.62	193.30	196.19	201.33	204.74	204.30	206.20
<b>24</b>	202.51	204.20	203.02	196.77	195.72	196.48	193.35	196.45	201.66	204.47	203.91	206.41
<b>25</b>	202.85	203.71	203.02	196.61	195.65	196.58	193.47	196.91	201.99	204.41	204.05	206.40
<b>26</b>	203.11	203.26	202.44	196.60	195.46	196.56	193.51	197.45	202.21	204.95	204.12	206.41
<b>27</b>	202.73	203.47	202.43	196.48	195.51	196.00	193.33	197.75	202.65	205.00	204.29	206.70
<b>28</b>	202.92	203.61	202.95	196.90	195.54	195.86	192.99	197.47	202.24	205.02	204.07	206.96
<b>29</b>	203.61	203.69	203.28	197.25	---	196.06	192.77	197.18	201.41	205.15	204.10	207.23
<b>30</b>	204.05	203.70	202.76	196.90	---	195.53	192.81	197.26	201.16	205.10	204.34	207.58
<b>31</b>	204.10	---	202.57	196.57	---	195.21	---	197.43	---	205.05	205.00	---
<b>Mean</b>	202.05	203.68	203.29	198.50	196.00	196.23	193.77	195.04	199.68	202.95	205.93	206.03
<b>Max</b>	204.10	204.54	203.81	202.29	196.55	196.97	195.10	197.75	202.65	205.15	207.61	207.58
<b>Min</b>	201.05	201.72	202.43	196.48	195.46	195.13	192.77	193.06	197.15	200.72	203.91	205.06

<b>Water Year 2007</b>	
<b>Mean</b>	200.29
<b>High</b>	192.77
<b>Low</b>	207.61

