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Water-Data Report 2009

**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, 196.76 ft below land surface datum, Apr 6; lowest water level, 213.07 ft below land surface datum, Oct 1.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009  
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>	212.90	209.59	205.16	204.53	201.50	198.81	197.47	197.57	199.76	200.22	206.96	207.13
<b>2</b>	212.68	209.49	205.26	204.40	201.37	198.66	197.36	197.70	199.73	200.48	206.84	207.05
<b>3</b>	212.52	209.31	205.24	204.34	201.20	198.72	197.07	197.82	199.79	200.76	206.77	206.89
<b>4</b>	212.38	209.12	205.10	204.24	201.17	198.72	197.06	197.88	199.88	201.02	206.71	206.76
<b>5</b>	212.17	208.89	205.05	204.06	201.20	198.67	197.09	197.91	199.92	201.28	206.62	206.76
<b>6</b>	212.02	208.68	204.96	203.95	201.10	198.50	196.87	197.87	199.98	201.51	206.61	206.80
<b>7</b>	211.91	208.55	204.84	203.53	200.92	198.41	196.82	197.72	200.01	201.78	206.65	206.82
<b>8</b>	211.74	208.32	205.00	203.48	200.74	198.30	196.89	197.67	199.95	202.15	206.72	206.81
<b>9</b>	211.59	208.19	204.96	203.57	200.74	198.28	196.96	197.56	199.86	202.59	206.64	206.89
<b>10</b>	211.60	208.11	204.83	203.49	200.60	198.41	197.02	197.58	199.81	203.00	206.59	207.00
<b>11</b>	211.63	208.02	204.72	203.27	200.40	198.29	197.04	197.62	199.76	203.36	206.60	206.83
<b>12</b>	211.61	207.90	204.49	203.28	200.20	198.38	197.21	197.65	199.63	203.71	206.61	206.77
<b>13</b>	211.52	207.63	204.69	203.13	200.23	198.35	197.28	197.77	199.61	204.14	206.65	206.72
<b>14</b>	211.43	207.38	204.70	203.06	200.13	198.22	197.23	197.80	199.56	204.58	206.70	206.65
<b>15</b>	211.36	207.08	204.58	203.03	200.02	198.14	197.20	197.82	199.50	204.93	206.68	206.53
<b>16</b>	211.28	206.96	204.56	203.09	199.92	198.12	197.28	197.83	199.49	205.16	206.66	206.47
<b>17</b>	211.30	206.94	204.36	203.05	199.83	198.08	197.30	197.87	199.47	205.45	206.67	206.39
<b>18</b>	211.27	206.84	204.37	202.82	199.56	198.03	197.25	198.02	199.35	205.77	206.70	206.24
<b>19</b>	211.27	206.74	204.21	202.70	199.32	197.95	197.29	198.12	199.32	206.13	206.78	206.18
<b>20</b>	211.17	206.57	204.16	202.68	199.36	198.00	197.30	198.15	199.32	206.37	206.93	206.10
<b>21</b>	211.00	206.52	204.01	202.73	199.38	198.06	197.18	198.17	199.34	206.48	207.04	206.01
<b>22</b>	211.01	206.51	204.15	202.73	199.19	197.99	197.14	198.23	199.41	206.67	207.03	205.93
<b>23</b>	211.05	206.42	204.34	202.66	199.16	197.97	197.17	198.36	199.49	206.77	207.06	205.83
<b>24</b>	210.90	206.20	204.21	202.61	199.17	197.98	197.21	198.52	199.53	206.83	207.19	205.76
<b>25</b>	210.60	205.91	204.22	202.62	199.15	197.93	197.16	198.73	199.58	206.87	207.22	205.78
<b>26</b>	210.40	205.86	204.36	202.54	199.07	197.80	197.16	199.01	199.60	206.85	207.18	205.79
<b>27</b>	210.28	205.78	204.33	202.44	198.92	197.74	197.22	199.17	199.67	206.84	207.17	205.53
<b>28</b>	210.00	205.61	204.25	202.08	198.90	197.66	197.25	199.31	199.74	206.83	207.12	205.46
<b>29</b>	209.94	205.56	204.31	201.98	---	197.44	197.42	199.41	199.81	206.81	206.98	205.46
<b>30</b>	209.97	205.33	204.32	201.81	---	197.46	197.53	199.54	199.98	206.85	207.02	205.53
<b>31</b>	209.83	---	204.30	201.68	---	197.55	---	199.63	---	206.91	207.11	---
<b>Mean</b>	211.30	207.33	204.58	203.08	200.09	198.15	197.18	198.19	199.66	204.49	206.85	206.36
<b>Max</b>	212.90	209.59	205.26	204.53	201.50	198.81	197.53	199.63	200.01	206.91	207.22	207.13
<b>Min</b>	209.83	205.33	204.01	201.68	198.90	197.44	196.82	197.56	199.32	200.22	206.59	205.46

Water Year 2009	
<b>Mean</b>	203.14
<b>High</b>	196.82
<b>Low</b>	212.90

