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Water-Data Report 2010

**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, 193.15 ft below land surface datum, Apr 27; lowest water level, 204.31 ft below land surface datum, Sep 12.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**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>	200.02	197.90	199.49	198.81	198.12	196.38	194.61	194.00	195.67	201.06	202.49	202.87
<b>2</b>	200.03	198.07	199.38	198.65	198.28	196.41	194.85	194.24	195.63	201.23	202.39	203.29
<b>3</b>	200.06	198.01	199.04	198.34	198.25	196.25	194.98	194.23	195.86	201.52	202.34	203.16
<b>4</b>	200.20	198.52	198.32	198.49	198.37	196.30	194.92	193.78	196.22	201.79	202.31	203.10
<b>5</b>	200.46	198.59	198.51	198.53	198.35	196.43	194.97	193.74	196.26	202.08	202.03	203.20
<b>6</b>	200.32	198.60	198.71	198.45	198.19	196.38	194.54	194.05	196.44	202.59	202.21	203.32
<b>7</b>	199.97	198.81	198.79	198.36	198.27	196.12	194.53	194.30	196.89	203.06	202.48	203.65
<b>8</b>	200.30	199.12	198.87	198.38	198.36	195.87	194.75	194.04	197.28	203.48	202.67	203.54
<b>9</b>	200.07	199.36	198.27	198.55	198.49	195.80	194.86	194.24	197.49	203.75	202.98	203.79
<b>10</b>	199.85	199.22	198.38	198.65	198.11	195.75	194.78	194.35	197.00	203.81	203.04	203.85
<b>11</b>	200.00	199.30	198.76	198.67	197.19	195.61	194.65	194.63	196.99	203.29	203.20	203.95
<b>12</b>	200.31	199.33	198.91	198.76	196.76	195.52	194.67	194.36	197.53	203.21	203.37	204.27
<b>13</b>	200.03	199.31	198.72	198.95	196.76	195.04	194.70	194.16	197.53	203.02	203.49	203.94
<b>14</b>	199.94	199.28	198.71	198.96	196.75	194.40	194.55	194.04	197.50	202.49	203.38	203.78
<b>15</b>	199.73	199.31	198.74	198.96	196.64	194.50	194.39	194.34	197.15	201.79	203.07	203.88
<b>16</b>	199.57	199.36	198.96	198.97	196.48	194.87	194.16	194.43	197.33	201.76	203.05	203.72
<b>17</b>	199.37	199.42	198.92	198.78	196.49	194.97	194.13	194.57	197.50	201.59	203.27	203.11
<b>18</b>	199.46	199.73	198.80	198.65	196.44	194.93	194.21	194.26	197.90	201.53	203.77	202.95
<b>19</b>	199.42	199.78	198.61	198.67	196.51	194.97	194.36	193.74	198.36	202.15	203.47	202.99
<b>20</b>	199.29	199.64	198.66	198.63	196.57	195.06	194.17	193.81	198.64	201.96	203.50	203.15
<b>21</b>	199.17	199.83	198.79	198.47	196.53	195.04	194.20	194.09	199.12	201.76	203.62	203.14
<b>22</b>	198.98	200.12	198.95	198.39	196.48	194.90	194.23	194.34	199.49	201.87	203.55	202.96
<b>23</b>	198.85	200.29	199.06	198.38	196.39	194.63	194.06	194.51	199.55	201.76	203.04	202.97
<b>24</b>	198.47	200.11	199.21	198.10	196.43	194.66	193.92	194.68	199.83	202.23	202.26	202.95
<b>25</b>	198.40	199.88	199.19	197.94	196.27	194.64	193.54	195.03	200.01	202.37	201.64	202.78
<b>26</b>	198.56	199.86	198.93	198.24	196.12	194.63	193.29	195.13	200.22	202.04	201.33	202.85
<b>27</b>	198.44	199.69	198.78	198.36	196.23	194.86	193.23	195.17	200.30	201.89	201.60	202.56
<b>28</b>	197.89	199.80	198.71	198.18	196.30	194.68	193.72	195.38	200.53	202.03	201.81	202.02
<b>29</b>	198.03	199.77	198.89	198.33	---	194.27	193.84	195.52	200.58	202.07	201.85	201.86
<b>30</b>	198.13	199.54	199.04	198.20	---	194.05	193.89	195.65	200.80	202.15	202.16	201.35
<b>31</b>	198.15	---	198.90	198.07	---	194.17	---	195.68	---	202.30	202.54	---
<b>Mean</b>	199.40	199.32	198.84	198.51	197.15	195.23	194.32	194.47	198.05	202.25	202.71	203.16
<b>Max</b>	200.46	200.29	199.49	198.97	198.49	196.43	194.98	195.68	200.80	203.81	203.77	204.27
<b>Min</b>	197.89	197.90	198.27	197.94	196.12	194.05	193.23	193.74	195.63	201.06	201.33	201.35

<b>Water Year 2010</b>	
<b>Mean</b>	198.63
<b>High</b>	193.23
<b>Low</b>	204.27

