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Water-Data Report 2007

**395312074302101 Local number 051558 MB OW-2M**

Northern Atlantic Coastal Plain aquifer system  
Cohansey Sand-Kirkwood Formation

Burlington County, NJ

LOCATION.--Lat 39°53'12.5", long 74°30'21.3" referenced to North American Datum of 1983, Woodland Township, Burlington County, NJ, Hydrologic Unit 02040202, in Brendan Byrne State Forest.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 2 in, top of first opening 90 ft, bottom of last opening 100 ft. Drilled water-table well.

DATUM.--Land-surface datum is 139.85 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 1.3 ft above land-surface datum, Sep. 16, 2004, to present. The land surface elevation was determined from a digital elevation model and is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MB OW-2S (051559) and MB OW-2D (051560) is accurate to within 0.01 ft, from differential surveying.

PERIOD OF RECORD.--Sept. 2004 to Oct. 2007. (discontinued)

GAGE.--Submersible logger pressure transducer--60 minute recording interval.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 19.69 ft below land surface, Apr. 21-22, 2007; lowest, 21.72 ft below land surface, Oct. 5-6, 2005.

**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>	20.91	20.70	20.12	20.40	20.40	20.53	20.42	19.89	20.46	20.82	21.10	21.20
<b>2</b>	20.93	20.70	20.16	20.36	20.40	20.42	20.42	19.92	20.48	20.85	21.13	21.22
<b>3</b>	20.94	20.71	20.18	20.34	20.42	20.35	20.44	19.95	20.49	20.86	21.15	21.23
<b>4</b>	20.95	20.72	20.17	20.34	20.43	20.35	20.41	19.97	20.43	20.88	21.16	21.25
<b>5</b>	20.97	20.71	20.19	20.33	20.45	20.35	20.39	19.98	20.44	20.87	21.18	21.27
<b>6</b>	20.96	20.71	20.20	20.33	20.47	20.37	20.40	20.01	20.49	20.88	21.17	21.28
<b>7</b>	20.93	20.71	20.20	20.35	20.48	20.36	20.41	20.02	20.51	20.90	21.18	---
<b>8</b>	20.94	20.64	20.23	20.26	20.49	20.36	20.44	20.03	20.53	20.91	21.19	---
<b>9</b>	20.96	20.56	20.24	20.22	20.51	20.37	20.45	20.05	20.55	20.93	21.21	---
<b>10</b>	20.97	20.53	20.25	20.22	20.52	20.35	20.47	20.06	20.57	20.95	21.21	---
<b>11</b>	20.96	20.52	20.26	20.23	20.54	20.34	20.48	20.07	20.59	20.96	21.22	---
<b>12</b>	20.87	20.50	20.28	20.22	20.54	20.34	20.42	20.09	20.61	20.98	21.23	---
<b>13</b>	20.88	20.43	20.27	20.22	20.55	20.34	20.36	20.11	20.62	21.00	21.24	---
<b>14</b>	20.89	20.35	20.28	20.22	20.48	20.35	20.36	20.14	20.63	21.02	21.26	---
<b>15</b>	20.91	20.30	20.29	20.21	20.49	20.35	20.28	20.14	20.64	21.03	21.27	---
<b>16</b>	20.93	20.26	20.32	20.22	20.50	20.33	20.07	20.16	20.66	21.05	21.28	---
<b>17</b>	20.90	20.22	20.34	20.26	20.51	20.29	19.95	20.17	20.67	21.06	21.29	---
<b>18</b>	20.83	20.19	20.35	20.24	20.51	20.29	19.87	20.19	20.70	21.06	21.30	---
<b>19</b>	20.82	20.17	20.38	20.22	20.54	20.31	19.79	20.20	20.71	21.04	21.30	---
<b>20</b>	20.78	20.17	20.39	20.25	20.54	20.31	19.73	20.22	20.72	21.06	21.21	---
<b>21</b>	20.77	20.18	20.40	20.27	20.54	20.32	19.70	20.24	20.74	21.09	21.16	---
<b>22</b>	20.77	20.17	20.41	20.26	20.53	20.30	19.70	20.26	20.75	21.10	21.10	---
<b>23</b>	20.76	20.13	20.36	20.28	20.55	20.31	19.72	20.28	20.77	21.08	21.08	---
<b>24</b>	20.77	20.10	20.39	20.29	20.56	20.32	19.75	20.30	20.79	21.06	21.08	---
<b>25</b>	20.78	20.09	20.39	20.30	20.56	20.34	19.79	20.32	20.81	21.08	21.08	---
<b>26</b>	20.79	20.09	20.34	20.32	20.53	20.34	19.82	20.34	20.81	21.10	21.10	---
<b>27</b>	20.78	20.10	20.39	20.32	20.52	20.34	19.81	20.36	20.78	21.11	21.11	---
<b>28</b>	20.72	20.11	20.42	20.33	20.52	20.37	19.81	20.38	20.76	21.12	21.12	---
<b>29</b>	20.71	20.13	20.43	20.36	---	20.39	19.84	20.40	20.78	21.12	21.14	---
<b>30</b>	20.71	20.13	20.44	20.37	---	20.40	19.86	20.42	20.80	21.08	21.16	---
<b>31</b>	20.70	---	20.45	20.39	---	20.41	---	20.44	---	21.07	21.17	---
<b>Mean</b>	20.85	20.37	20.31	20.29	20.50	20.35	20.11	20.16	20.64	21.00	21.18	---
<b>Max</b>	20.97	20.72	20.45	20.40	20.56	20.53	20.48	20.44	20.81	21.12	21.30	---
<b>Min</b>	20.70	20.09	20.12	20.21	20.40	20.29	19.70	19.89	20.43	20.82	21.08	---

