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Water-Data Report 2006

**420545071174001 Local number Norfolk well NNW 27**

Sand and gravel aquifers (glaciated regions)  
Outwash

Norfolk County, MA

LOCATION.--Lat 42°05'45", long 71°17'40" referenced to North American Datum of 1927, Norfolk County, MA, Hydrologic Unit 01090001, 15 ft northwest of State Highway 1A and 0.1 mi northeast of Valley Street in Norfolk.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 18.4 ft. Upper casing diameter 2.00 in; top of first opening 16.4 ft, bottom of last opening 18.4 ft.

DATUM.--Land-surface datum is 160 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of floor in base of shelter, 3.57 ft above land-surface datum, Jan. 29, 1965, to present.

PERIOD OF RECORD.--January 1965 to current year.

GAGE.--Digital recorder with satellite telemeter since August 2001. Monthly measurements prior to August 2001.

COOPERATION.--Massachusetts Department of Environmental Protection, Office of Watershed Management; Massachusetts Department of Conservation and Recreation, Water Resources Commission.

REMARKS.--Missing periods are not estimated.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.61 ft below land-surface datum, June 7, 2006 (recorded value); lowest, 7.99 ft below land-surface datum, July 30, 1997 (monthly measurement).

## Water-Data Report 2006

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**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>    | 7.22       | 5.37       | 5.31       | 5.38       | 5.38       | 5.73       | 6.26       | 6.34       | 5.70       | 5.34       | 6.32       | 6.54       |
| <b>2</b>    | 7.25       | 5.43       | 5.37       | 5.45       | 5.42       | 5.74       | 6.28       | 6.08       | 5.51       | 5.40       | 6.31       | 6.58       |
| <b>3</b>    | 7.28       | 5.48       | 5.44       | 5.36       | 5.26       | 5.77       | 6.30       | 5.93       | 5.07       | 5.47       | 6.29       | 6.38       |
| <b>4</b>    | 7.29       | 5.53       | 5.45       | 5.37       | 5.22       | 5.79       | 6.05       | 6.03       | 4.80       | 5.44       | 6.37       | 6.41       |
| <b>5</b>    | 7.31       | 5.57       | 5.51       | 5.39       | 4.99       | 5.82       | 6.10       | 6.06       | 4.98       | 5.47       | 6.41       | 6.50       |
| <b>6</b>    | 7.32       | 5.60       | 5.54       | 5.44       | 5.07       | 5.84       | 6.16       | 6.09       | 5.15       | 5.47       | 6.46       | 6.50       |
| <b>7</b>    | 7.34       | 5.60       | 5.58       | 5.48       | 5.16       | 5.86       | 6.18       | 6.12       | 4.26       | 5.56       | 6.48       | 6.56       |
| <b>8</b>    | 7.00       | 5.65       | 5.62       | 5.52       | 5.23       | 5.88       | 6.10       | 6.14       | 4.12       | 5.61       | 6.52       | 6.61       |
| <b>9</b>    | 6.30       | 5.66       | 5.63       | 5.54       | 5.28       | 5.90       | 6.17       | 6.07       | 4.43       | 5.65       | 6.56       | 6.64       |
| <b>10</b>   | 6.56       | 5.40       | 5.66       | 5.58       | 5.33       | 5.91       | 6.21       | 5.99       | 4.55       | 5.70       | 6.54       | 6.68       |
| <b>11</b>   | 6.61       | 5.59       | 5.68       | 5.59       | 5.38       | 5.94       | 6.25       | 6.05       | 4.74       | 5.74       | 6.46       | 6.71       |
| <b>12</b>   | 6.61       | 5.64       | 5.71       | 5.53       | 5.40       | 5.95       | 6.27       | 6.05       | 4.92       | 5.74       | 6.58       | 6.74       |
| <b>13</b>   | 6.64       | 5.66       | 5.74       | 5.58       | 5.45       | 5.97       | 6.28       | 5.54       | 5.04       | 5.68       | 6.63       | 6.76       |
| <b>14</b>   | 6.21       | 5.69       | 5.77       | 5.28       | 5.49       | 5.90       | 6.28       | 5.02       | 5.13       | 5.76       | 6.67       | 6.75       |
| <b>15</b>   | 4.36       | 5.72       | 5.78       | 5.05       | 5.50       | 5.97       | 6.26       | 4.96       | 5.18       | 5.83       | 6.40       | 6.71       |
| <b>16</b>   | 4.66       | 5.70       | 5.49       | 5.17       | 5.51       | 6.00       | 6.31       | 5.02       | 5.26       | 5.87       | 6.47       | 6.74       |
| <b>17</b>   | 4.99       | 5.55       | 5.54       | 5.26       | 5.47       | 6.02       | 6.33       | 5.16       | 5.31       | 5.92       | 6.58       | 6.78       |
| <b>18</b>   | 5.18       | 5.70       | 5.58       | 5.13       | 5.47       | 6.03       | 6.34       | 5.26       | 5.35       | 5.97       | 6.65       | 6.80       |
| <b>19</b>   | 5.31       | 5.73       | 5.60       | 5.13       | 5.50       | 6.05       | 6.36       | 5.15       | 5.42       | 5.90       | 6.69       | 6.82       |
| <b>20</b>   | 5.42       | 5.75       | 5.63       | 5.19       | 5.52       | 6.06       | 6.38       | 5.22       | 5.46       | 6.02       | 6.32       | 6.50       |
| <b>21</b>   | 5.51       | 5.76       | 5.67       | 5.25       | 5.55       | 6.07       | 6.40       | 5.27       | 5.51       | 6.02       | 6.28       | 6.68       |
| <b>22</b>   | 5.51       | 5.11       | 5.69       | 5.33       | 5.58       | 6.09       | 6.42       | 5.32       | 5.56       | 5.97       | 6.45       | 6.76       |
| <b>23</b>   | 5.20       | 5.23       | 5.72       | 5.27       | 5.59       | 6.11       | 6.35       | 5.40       | 5.58       | 5.81       | 6.53       | 6.80       |
| <b>24</b>   | 5.37       | 5.28       | 5.74       | 5.29       | 5.62       | 6.13       | 6.03       | 5.45       | 5.19       | 5.96       | 6.58       | 6.82       |
| <b>25</b>   | 4.75       | 5.37       | 5.74       | 5.25       | 5.64       | 6.15       | 6.18       | 5.51       | 4.90       | 6.05       | 6.52       | 6.84       |
| <b>26</b>   | 4.80       | 5.42       | 5.39       | 5.32       | 5.66       | 6.16       | 6.21       | 5.49       | 4.92       | 6.10       | 6.51       | 6.86       |
| <b>27</b>   | 5.00       | 5.46       | 5.40       | 5.37       | 5.68       | 6.18       | 6.24       | 5.52       | 5.07       | 6.15       | 6.49       | 6.88       |
| <b>28</b>   | 5.13       | 5.50       | 5.43       | 5.39       | 5.70       | 6.20       | 6.27       | 5.60       | 5.12       | 6.15       | 6.37       | 6.90       |
| <b>29</b>   | 5.17       | 5.53       | 5.35       | 5.37       | ---        | 6.22       | 6.30       | 5.64       | 5.21       | 6.16       | 6.35       | 6.86       |
| <b>30</b>   | 5.22       | 5.28       | 5.31       | 5.35       | ---        | 6.24       | 6.32       | 5.69       | 5.26       | 6.23       | 6.39       | 6.91       |
| <b>31</b>   | 5.31       | ---        | 5.37       | 5.33       | ---        | 6.25       | ---        | 5.73       | ---        | 6.28       | 6.48       | ---        |
| <b>Mean</b> | 5.93       | 5.53       | 5.56       | 5.35       | 5.43       | 6.00       | 6.25       | 5.64       | 5.09       | 5.82       | 6.47       | 6.70       |
| <b>Max</b>  | 7.34       | 5.76       | 5.78       | 5.59       | 5.70       | 6.25       | 6.42       | 6.34       | 5.70       | 6.28       | 6.69       | 6.91       |
| <b>Min</b>  | 4.36       | 5.11       | 5.31       | 5.05       | 4.99       | 5.73       | 6.03       | 4.96       | 4.12       | 5.34       | 6.28       | 6.38       |

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