This page discusses the distribution of bedrock aquifers, groundwater properties, and the connection between groundwater and surface water. The most used aquifers in Carver County vary from 925 feet above mean sea level in the northwest part of the county.

The potentiometric surface of the aquifers are shown in Figure 3. The blue color represents the elevation of the top of the Upper Tunnel. The red color represents the elevation of the top of the Lower Tunnel. The yellow color represents the elevation of the top of the Undivided.

The upper tunnel aquifer has an insufficient period of record. Both hydrographs show annual variations in water level of 3 ft. Both hydrographs show a general trend of decreasing water level, which is evident in the spring of the year.

<table>
<thead>
<tr>
<th>Aquifer</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Median</th>
<th>Mean</th>
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</thead>
<tbody>
<tr>
<td>Undivided</td>
<td>933</td>
<td>944</td>
<td>940</td>
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<tr>
<td>Lower Tunnel</td>
<td>925</td>
<td>936</td>
<td>930</td>
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<tr>
<td>Upper Tunnel</td>
<td>917</td>
<td>928</td>
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transmissivity from aquifer test (gpd/ft)

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<td>Undivided</td>
<td>12–18</td>
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<td>Upper Tunnel</td>
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</tbody>
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The blue color represents the elevation of the top of the Upper Tunnel.

The red color represents the elevation of the top of the Lower Tunnel.

The yellow color represents the elevation of the top of the Undivided.

The pink color represents the elevation of the top of the Hinckley Sandstone.

The green color represents the elevation of the top of the Hinckley Sandstone.

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