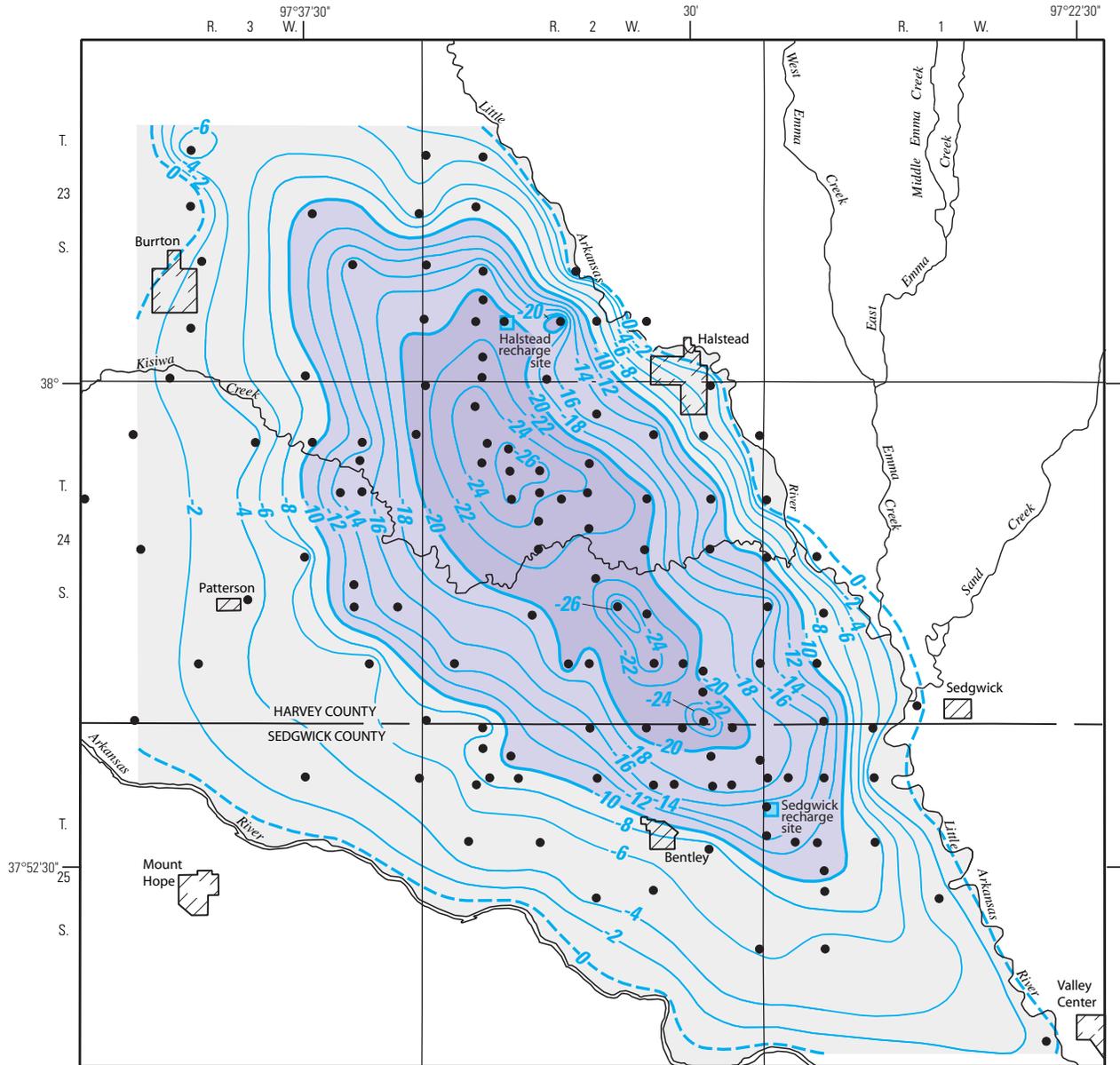


# Water-level Changes, August 1940 to October 1998



Base from U.S. Geological Survey digital data, 1:100,000, 1983  
 Universal Transverse Mercator Projection, Zone 14

## EXPLANATION

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|--|---|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; background-color: #e0e0e0; margin-right: 5px;"></span> Water-level change study area</li> <li>Area of water-level declines between:             <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; background-color: #d0d0d0; margin-right: 5px;"></span> 10 and 20 feet</li> <li><span style="display: inline-block; width: 20px; height: 10px; border: 1px solid black; background-color: #a0a0a0; margin-right: 5px;"></span> 20 and 30 feet</li> </ul> </li> <li><span style="display: inline-block; width: 20px; border-bottom: 2px dashed blue; margin-right: 5px;"></span> -10- Line of equal water-level change—Interval 2 feet. Dashed where approximately located.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid blue; margin-right: 5px;"></span> Artificial recharge demonstration site—Halstead site in operation May 1997–June 2002; Sedgwick site in operation April 1998–November 2000</li> <li>● <i>Equus</i> beds historic observation well</li> </ul> <p>Water-level measurements were made by city of Wichita personnel</p> <p>Depletion of storage volume in study area between August 1940 and October 1998 was 201,000 acre-feet.</p> |
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