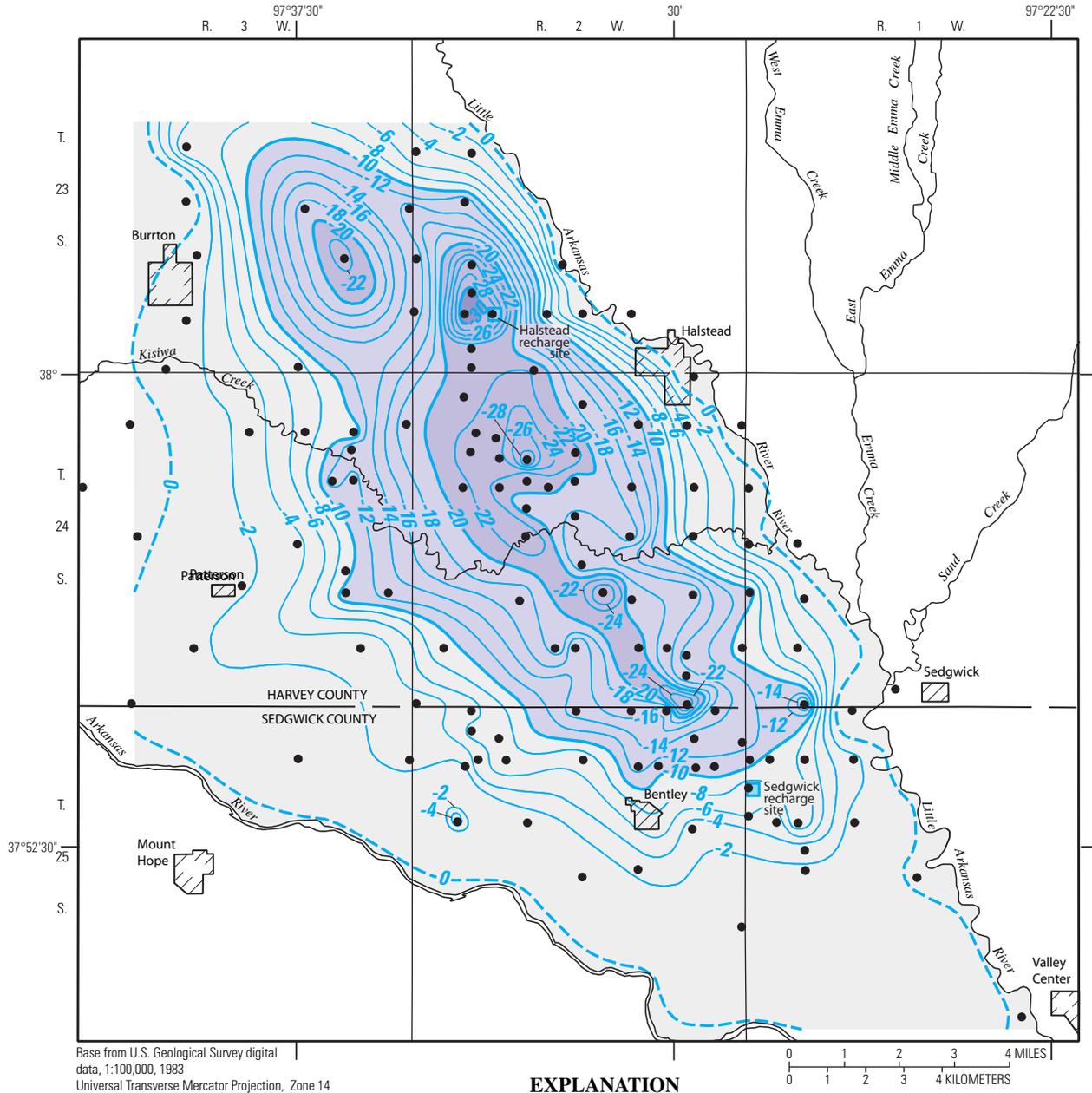


Water-level Changes, August 1940 to July 1999



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

EXPLANATION

- Water-level change study area**
- Area of water-level declines between:**
 - 10 and 20 feet
 - 20 and 30 feet
 - 30 and 40 feet
- 10-** **Line of equal water-level change**—Interval 2 feet. Dashed where approximately located.
- Artificial recharge demonstration site**—Halstead site in operation May 1997–June 2002; Sedgwick site in operation April 1998–November 2000
- Equus beds historic observation well**
 Water-level measurements were made by city of Wichita personnel
 Depletion of storage volume in study area between August 1940 and July 1999 was 159,000 acre-feet.