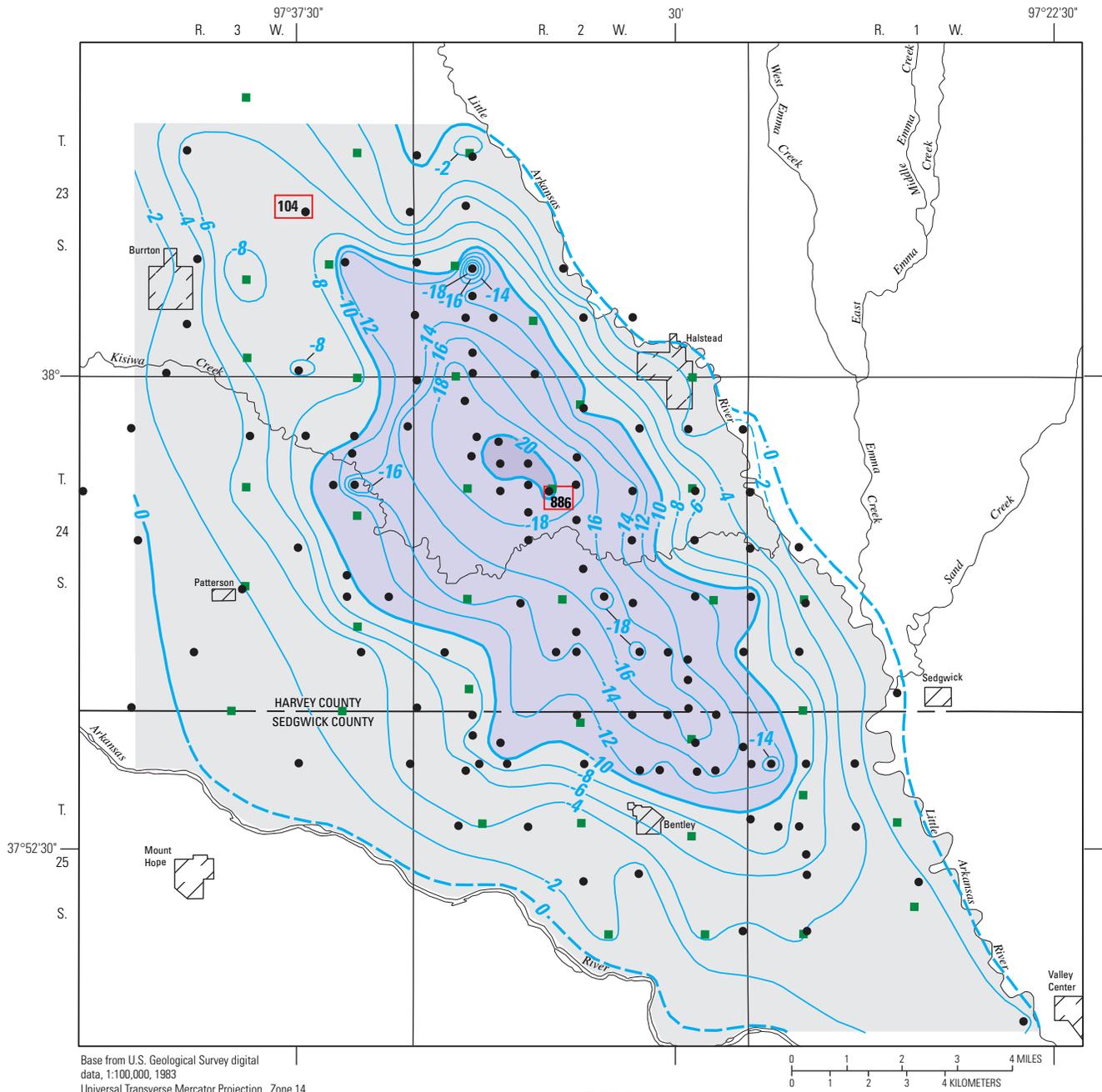


Water-level Changes, August 1940 to January 2005



EXPLANATION

- Study area
 - Area of water-level declines between:
 - 10 and 20 feet
 - 20 and 30 feet
 - - - 10 Line of equal water-level change—
Interval 2 feet. Dashed where approximately located.
 - 104 Well hydrograph shown in figure 2
 - *Equus* beds historic observation well
 - *Equus* beds areal index well
- Water-level measurements were made by city of Wichita and *Equus* Beds Groundwater Management District No. 2 personnel
- Depletion of storage volume in study area between August 1940 and January 2005 was 143,000 acre-feet.