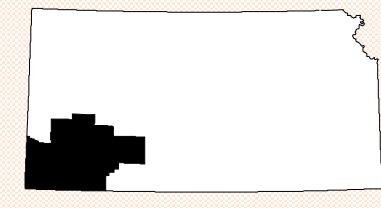


CHANGE IN SATURATED THICKNESS
 AT SECTION CENTERS
 IN THE HIGH PLAINS AQUIFER
 1996-1998 TO 1999-2001
 using data only from wells that have measurements
 in both periods (1996-1998) and (1999-2001)



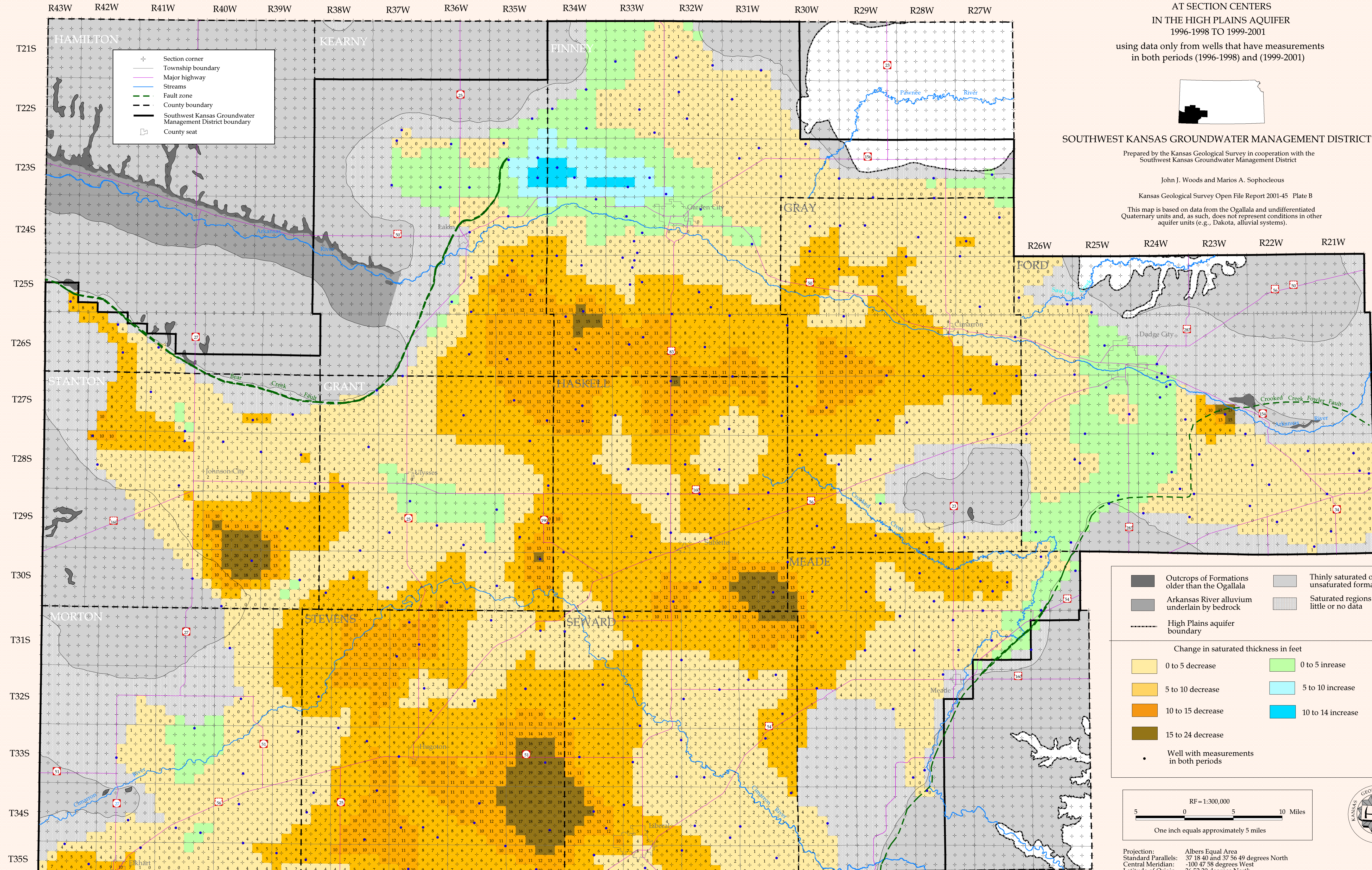
SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

Prepared by the Kansas Geological Survey in cooperation with the
 Southwest Kansas Groundwater Management District

John J. Woods and Marios A. Sophocleous

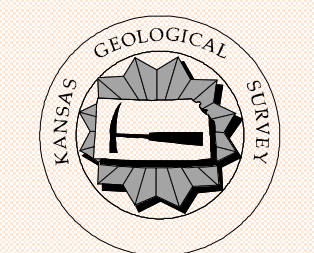
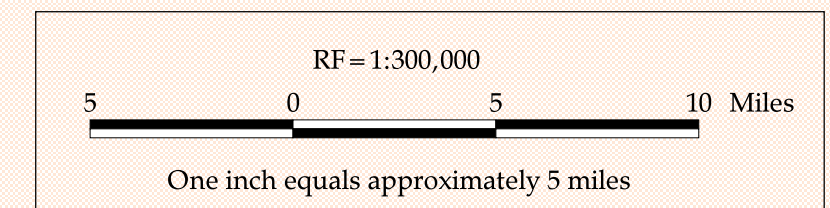
Kansas Geological Survey Open File Report 2001-45 Plate B

This map is based on data from the Ogallala and undifferentiated
 Quaternary units and, as such, does not represent conditions in other
 aquifer units (e.g., Dakota, alluvial systems).



- ✦ Section corner
- Township boundary
- Major highway
- Streams
- Fault zone
- County boundary
- Southwest Kansas Groundwater Management District boundary
- ⊠ County seat

- Outcrops of Formations older than the Ogallala
 - Arkansas River alluvium underlain by bedrock
 - High Plains aquifer boundary
 - Thinly saturated or unsaturated formations
 - Saturated regions with little or no data
- Change in saturated thickness in feet
- 0 to 5 decrease
 - 5 to 10 decrease
 - 10 to 15 decrease
 - 15 to 24 decrease
 - 0 to 5 increase
 - 5 to 10 increase
 - 10 to 14 increase
- Well with measurements in both periods



Projection: Albers Equal Area
 Standard Parallels: 37 18 40 and 37 56 49 degrees North
 Central Meridian: -100 47 58 degrees West
 Latitude of Origin: 36 52 30 degrees North

The Kansas Geological Survey and the Southwest Kansas Groundwater Management District do not guarantee this map to be free from errors or inaccuracies and disclaim any responsibility or liability for interpretations from the map or decisions based thereon.