

PERCENT CHANGE IN SATURATED THICKNESS  
AT SECTION CENTERS  
IN THE HIGH PLAINS AQUIFER  
PREDEVELOPMENT TO 1999-2001



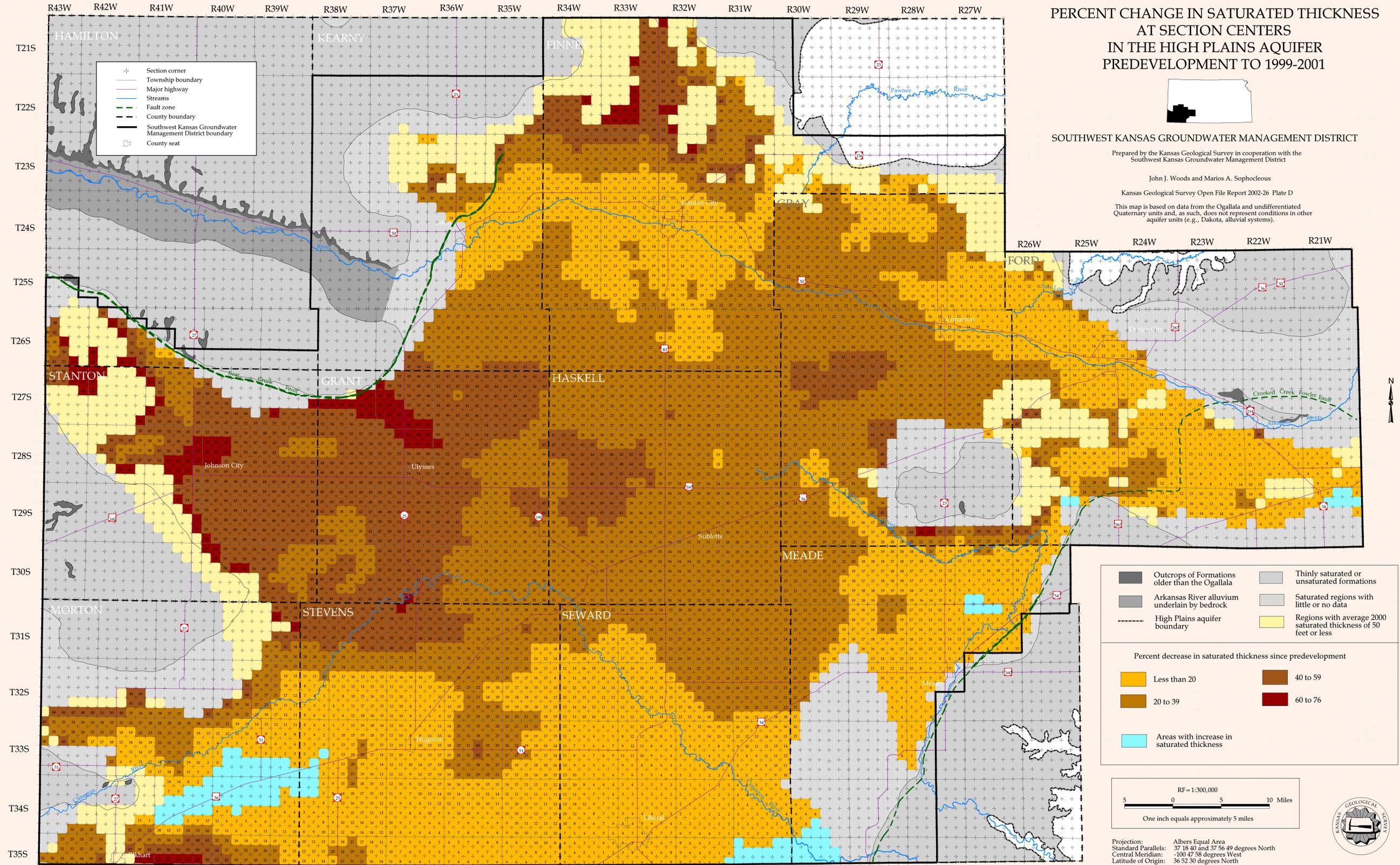
SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

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

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Kansas Geological Survey Open File Report 2002-26 Plate D

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	Thinly saturated or unsaturated formations
Arkansas River alluvium underlain by bedrock	Saturated regions with little or no data
High Plains aquifer boundary	Regions with average 2000 saturated thickness of 50 feet or less

Percent decrease in saturated thickness since predevelopment

Less than 20	40 to 59
20 to 39	60 to 76
Areas with increase in saturated thickness	

RF = 1:300,000

One inch equals approximately 5 miles

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



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