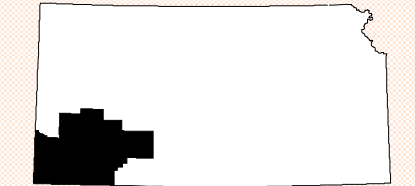


# SATURATED THICKNESS AT SECTION CENTERS IN THE HIGH PLAINS AQUIFER PROJECTED 2010 DATA



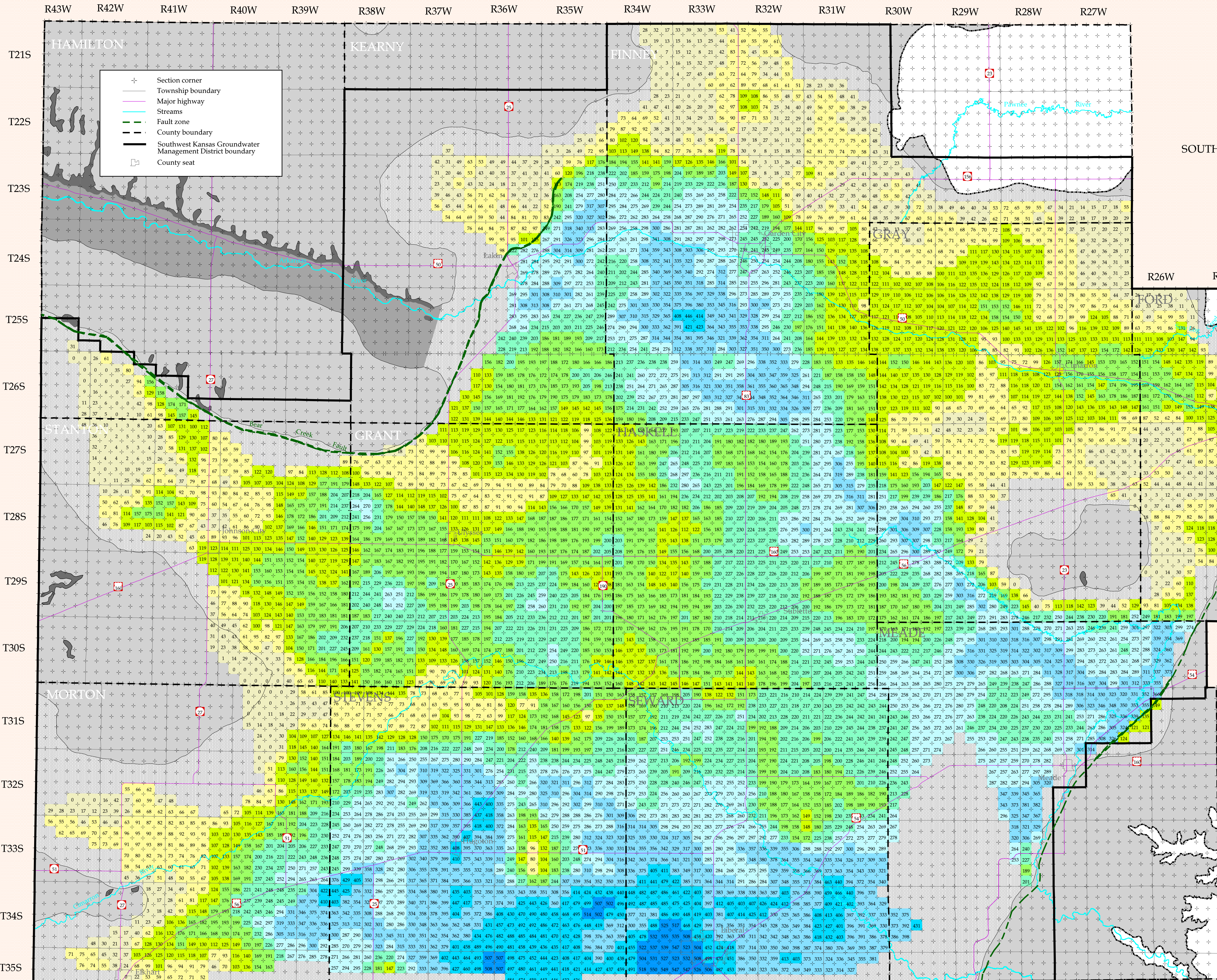
SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

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

John J. Woods and Marios A. Sophocleous

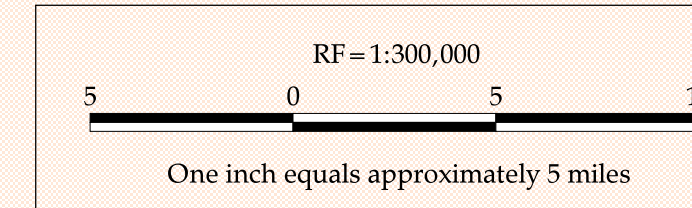
Kansas Geological Survey Open File Report 2001-45 Plate E

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).

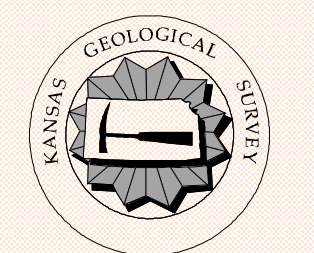


+ Section corner  
 --- Township boundary  
 --- Major highway  
 --- Streams  
 --- Fault zone  
 --- County boundary  
 --- Southwest Kansas Groundwater Management District boundary  
 --- County seat

	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		
	0 - 49 Feet		250 - 299 Feet
	50 - 99 Feet		300 - 399 Feet
	100 - 149 Feet		400 - 499 Feet
	150 - 199 Feet		500 - 555 Feet
	200 - 249 Feet		



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.