

CHANGE IN SATURATED THICKNESS  
AT SECTION CENTERS  
IN THE HIGH PLAINS AQUIFER  
2000-2002 TO 2003-2005  
using data only from wells that have measurements  
in both periods (2000-2002 and 2003-2005)



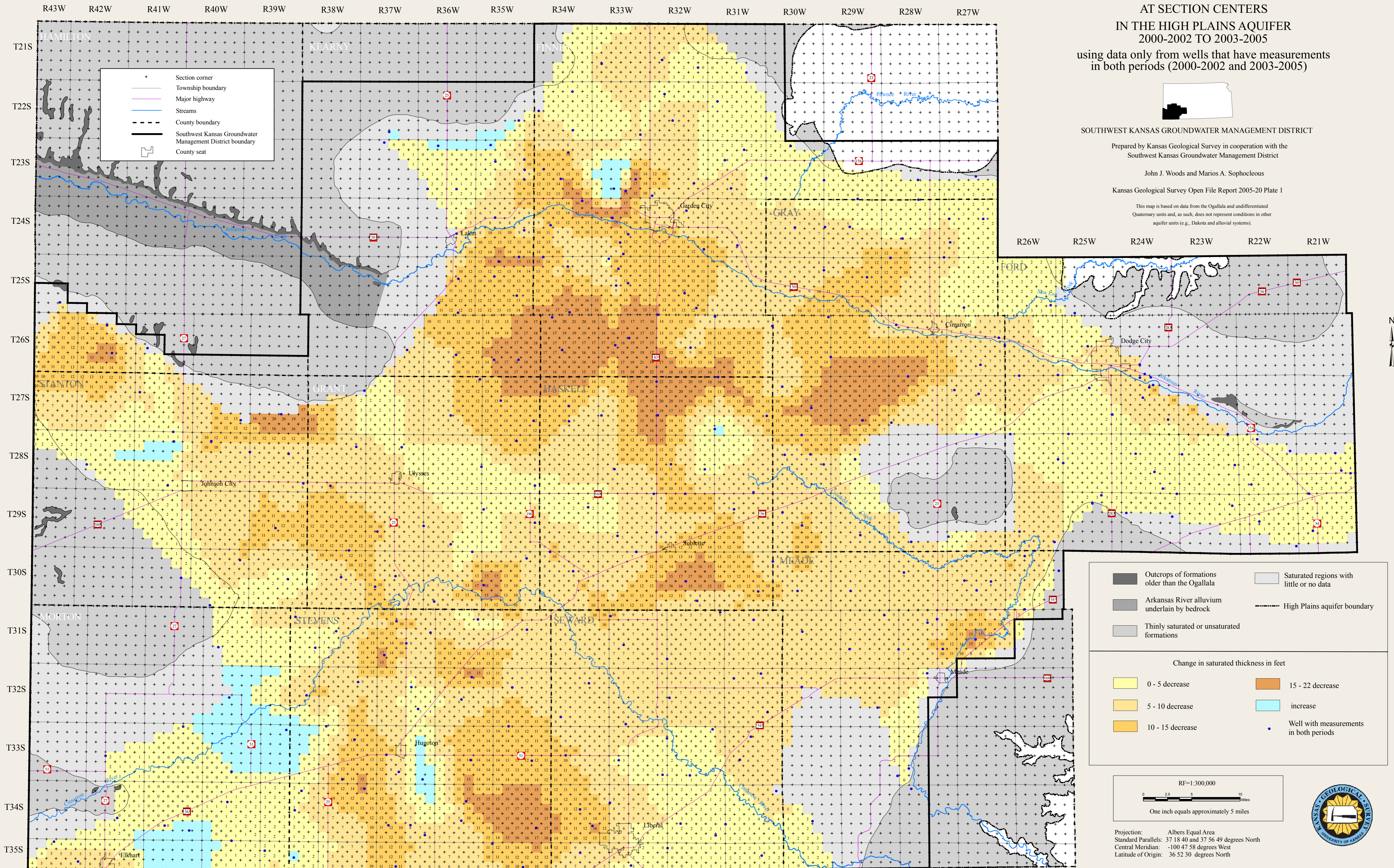
SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

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

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Kansas Geological Survey Open File Report 2005-20 Plate 1

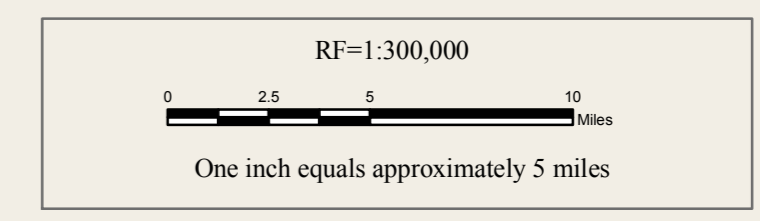
This map is based on data from the Ogallala and undifferentiated  
Quaternary units and, as such, does not represent conditions in other  
aquifer units (e.g., Dakota and alluvial systems).



Outcrops of formations older than the Ogallala	Saturated regions with little or no data
Arkansas River alluvium underlain by bedrock	High Plains aquifer boundary
Thinly saturated or unsaturated formations	

Change in saturated thickness in feet	
0 - 5 decrease	15 - 22 decrease
5 - 10 decrease	increase
10 - 15 decrease	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



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