

PERCENT CHANGE IN SATURATED THICKNESS AT SECTION CENTERS

IN THE HIGH PLAINS AQUIFER 1989-1991 TO 1999-2001

using data only from wells that have measurements
in both periods (1989-1991 and 1999-2001)

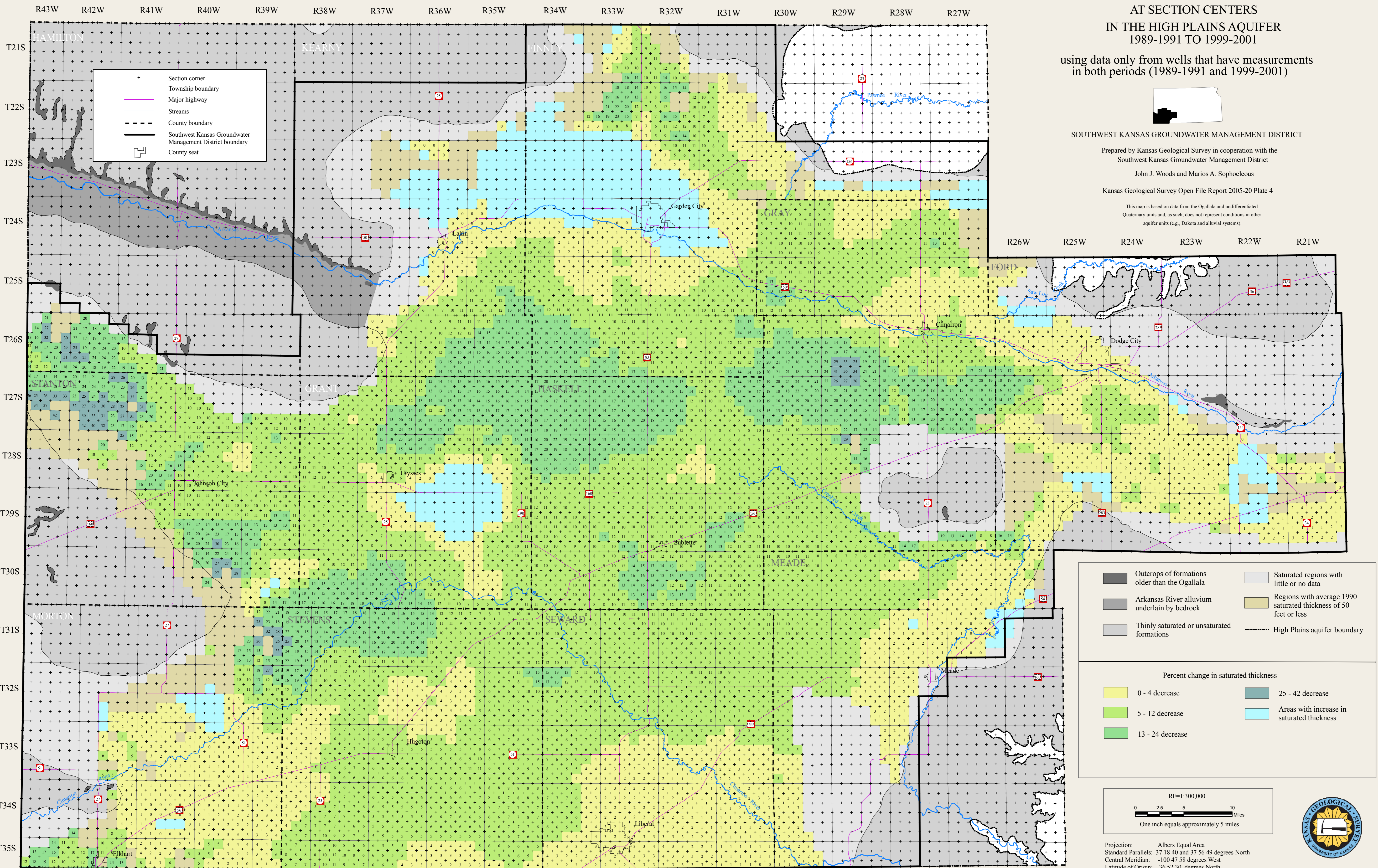


SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

Prepared by Kansas Geological Survey in cooperation with the
Southwest Kansas Groundwater Management District
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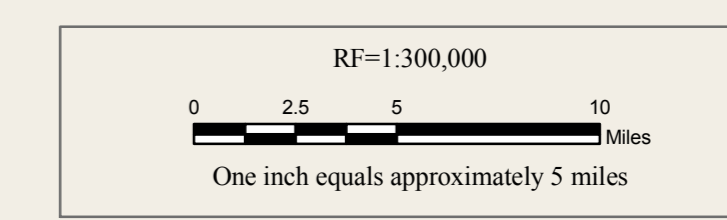
This map is based on data from the Ogallala and undifferentiated
Quaternary units and, as such, does not represent conditions in other
aquifer units (e.g., Dakota and alluvial systems).



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

Outerups of formations older than the Ogallala	Saturated regions with little or no data
Arkansas River alluvium underlain by bedrock	Regions with average 1990 saturated thickness of 50 feet or less
Thinly saturated or unsaturated formations	High Plains aquifer boundary

Percent change in saturated thickness	
0 - 4 decrease	25 - 42 decrease
5 - 12 decrease	Areas with increase in saturated thickness
13 - 24 decrease	



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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