

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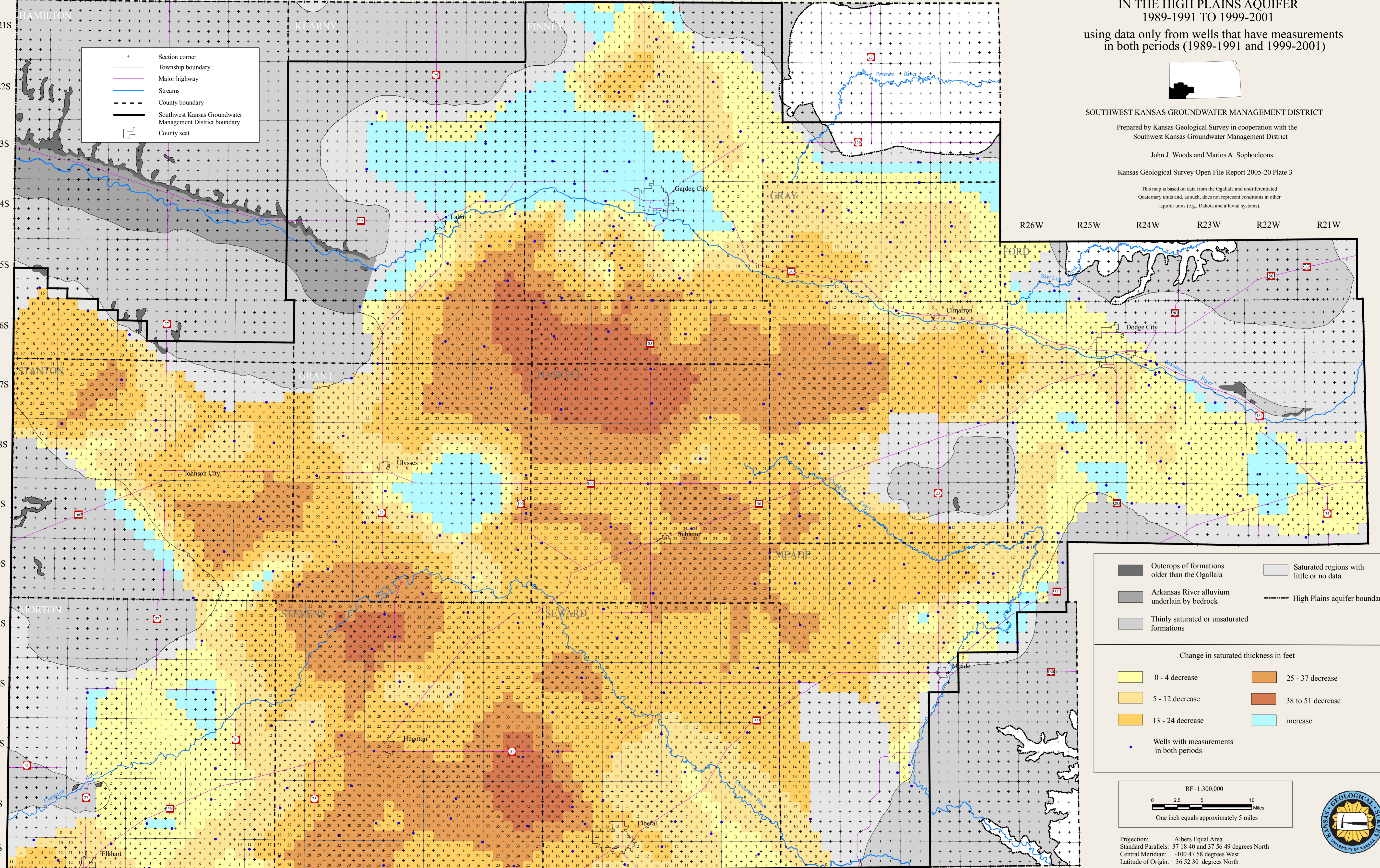
This map is based on data from the Ogallala and undifferentiated  
Quaternary units and, as such, does not represent conditions in other  
aquifer units (e.g., Dakota and alluvial systems).

R43W R42W R41W R40W R39W R38W R37W R36W R35W R34W R33W R32W R31W R30W R29W R28W R27W

T21S  
T22S  
T23S  
T24S  
T25S  
T26S  
T27S  
T28S  
T29S  
T30S  
T31S  
T32S  
T33S  
T34S  
T35S

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

R26W R25W R24W R23W R22W R21W

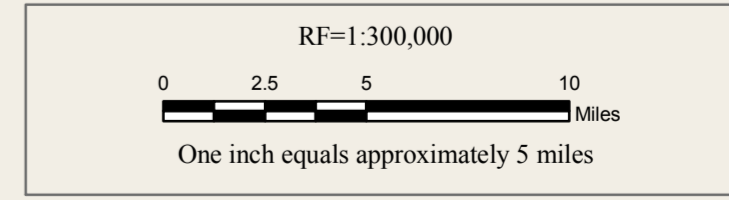


■ Outcrops of formations older than the Ogallala  
 ■ Arkansas River alluvium underlain by bedrock  
 ■ Thinly saturated or unsaturated formations  
 ■ Saturated regions with little or no data  
 --- High Plains aquifer boundary

Change in saturated thickness in feet

0 - 4 decrease	25 - 37 decrease
5 - 12 decrease	38 to 51 decrease
13 - 24 decrease	increase

● Wells 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.