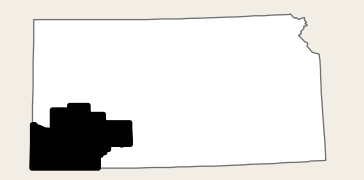


R43W R42W R41W R40W R39W R38W R37W R36W R35W R34W R33W R32W R31W R30W R29W R28W R27W

DEPTH TO WATER AT SECTION CENTERS IN THE HIGH PLAINS AQUIFER AVERAGED 2003, 2004, AND 2005 DATA



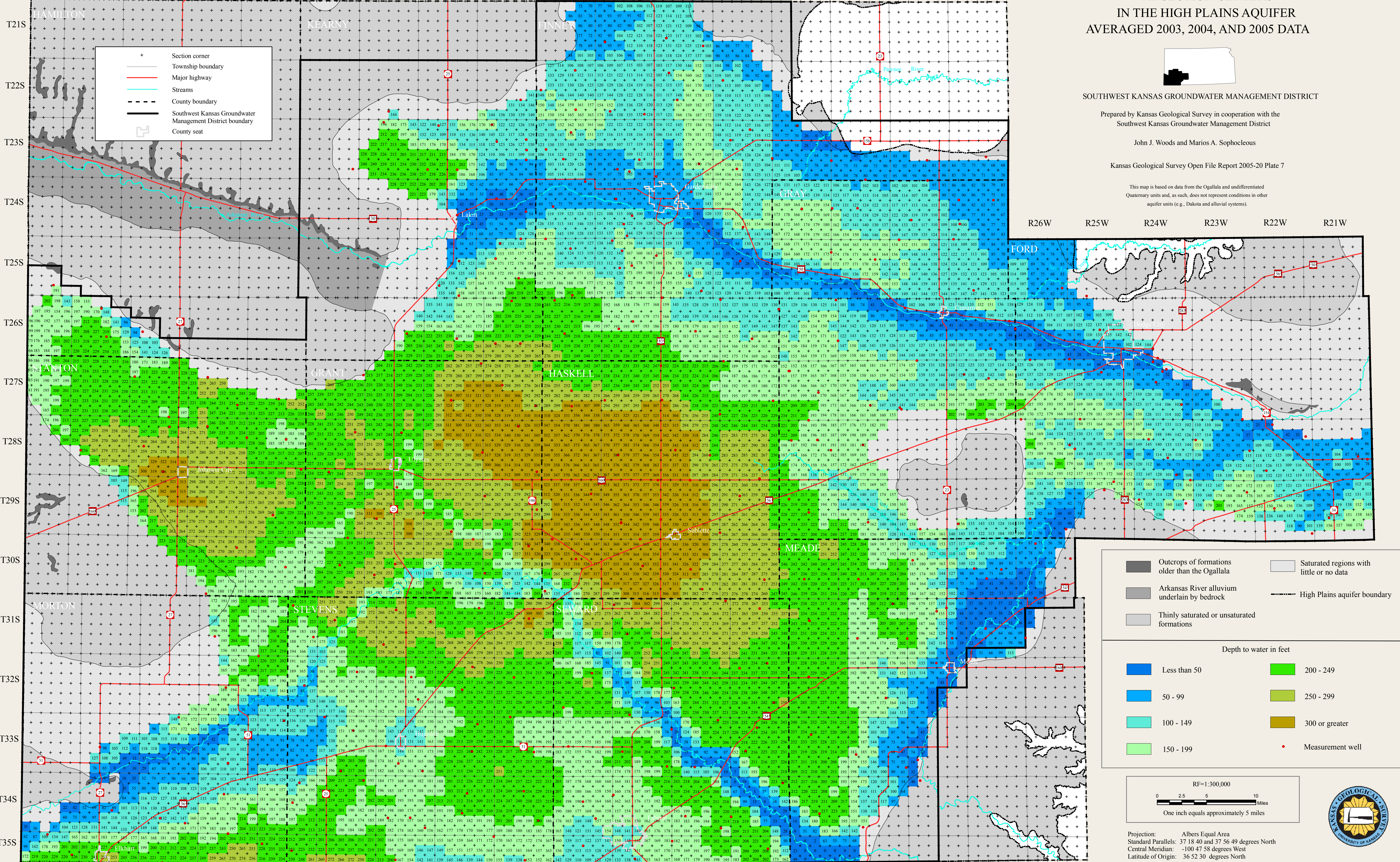
SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

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 7

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

County boundary

County seat

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

Depth to water in feet

- Less than 50
- 50 - 99
- 100 - 149
- 150 - 199
- 200 - 249
- 250 - 299
- 300 or greater

Measurement well

RF=1:300,000

0 2.5 5 10 Miles

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



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.