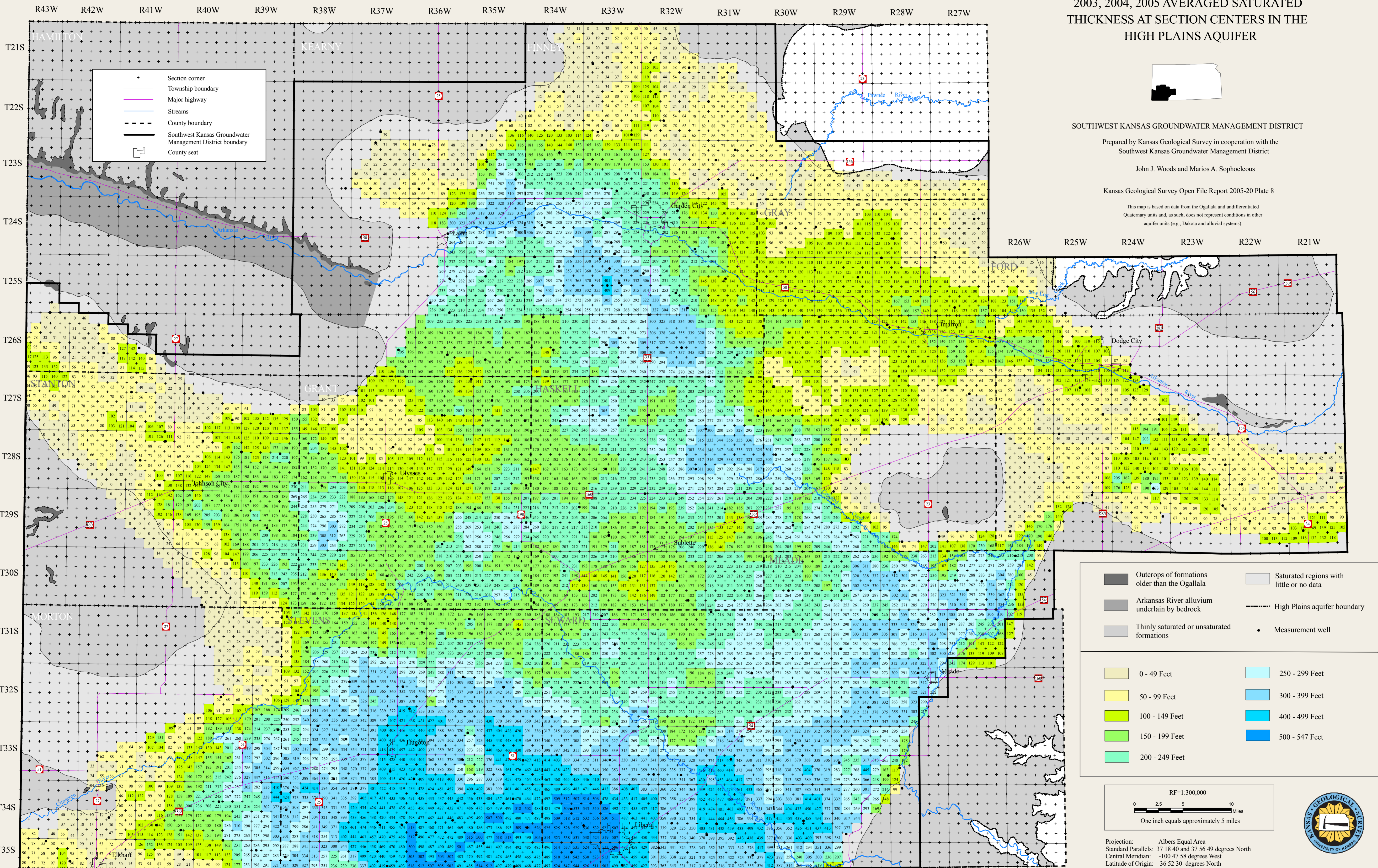


2003, 2004, 2005 AVERAGED SATURATED THICKNESS AT SECTION CENTERS IN THE HIGH PLAINS AQUIFER



SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

Prepared by 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 2005-20 Plate 8

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     |  | Measurement well                         |

|  |                |  |                |
|--|----------------|--|----------------|
|  | 0 - 49 Feet    |  | 250 - 299 Feet |
|  | 50 - 99 Feet   |  | 300 - 399 Feet |
|  | 100 - 149 Feet |  | 400 - 499 Feet |
|  | 150 - 199 Feet |  | 500 - 547 Feet |
|  | 200 - 249 Feet |  |                |

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.

