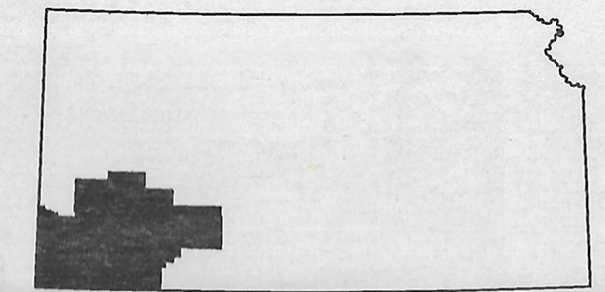
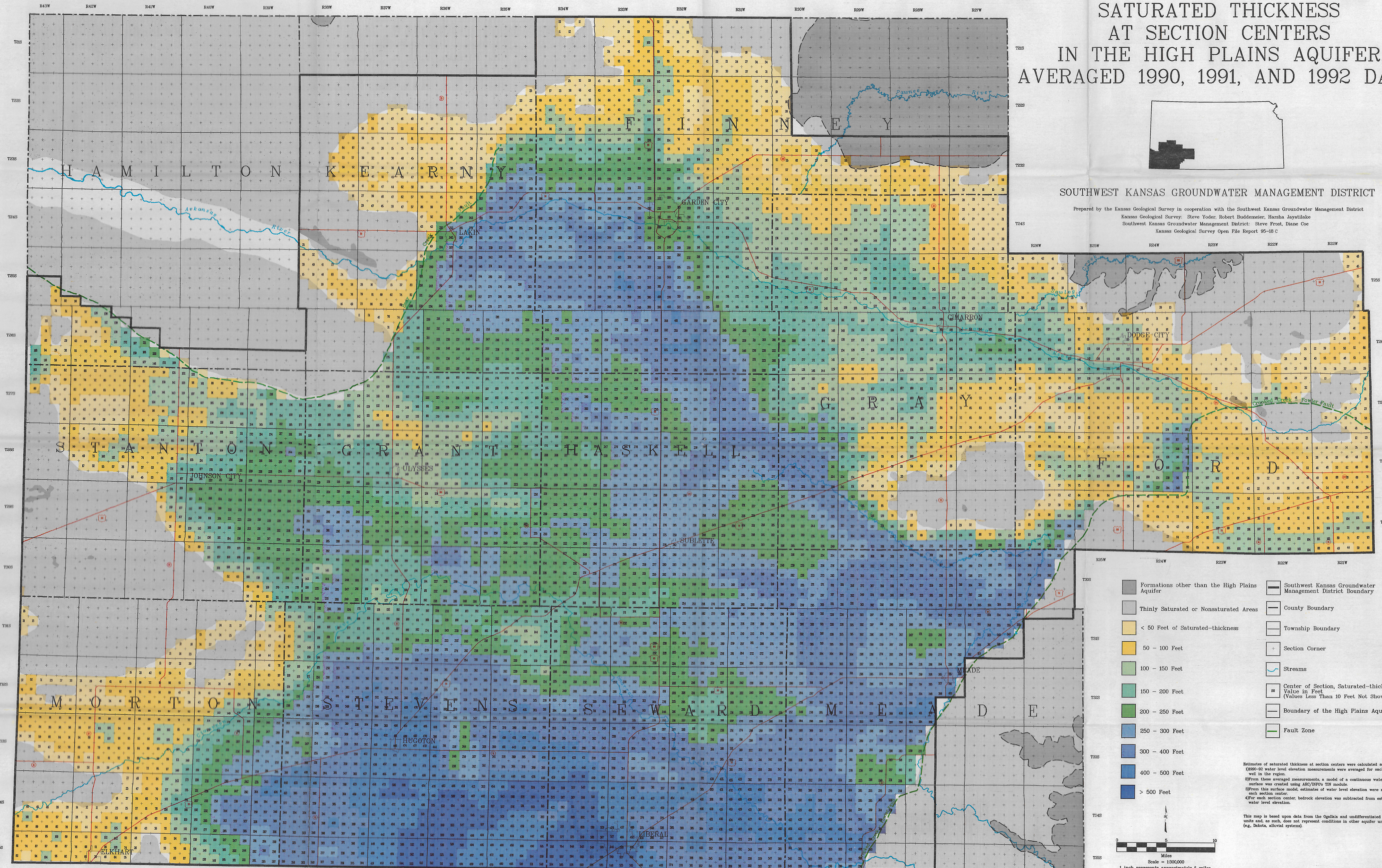


# SATURATED THICKNESS AT SECTION CENTERS IN THE HIGH PLAINS AQUIFER, AVERAGED 1990, 1991, AND 1992 DATA



## SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT

Prepared by the Kansas Geological Survey in cooperation with the Southwest Kansas Groundwater Management District  
Kansas Geological Survey: Steve Yoder, Robert Buddemeier, Harsha Jayatilake  
Southwest Kansas Groundwater Management District: Steve Frost, Diane Coe  
Kansas Geological Survey Open File Report 95-18-C



Estimates of saturated thickness at section centers were calculated as follows:  
1) 1990-92 water level elevation measurements were averaged for each monitoring well in the region.  
2) From these averaged measurements, a model of a continuous water level surface was created using AR/IDR's TIN module.  
3) From this surface model, estimates of water level elevation were made at each section center.  
4) For each section center, bedrock elevation was subtracted from estimated water level elevation.

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

The Kansas Geological Survey and the Southwest Kansas Groundwater Management District do not guarantee this map to be free from errors or inaccuracies and disclaims any responsibility or liability for interpretations from the map or decisions based thereon.