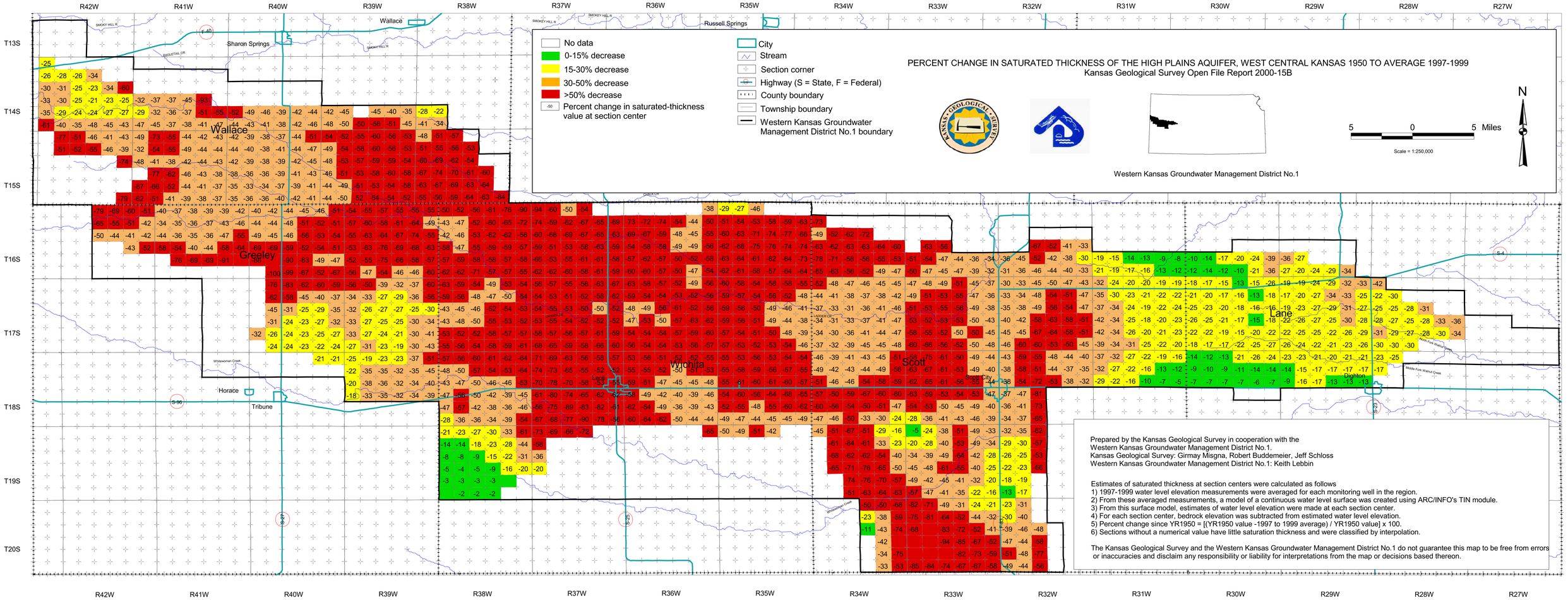

Prepared by the Kansas Geological Survey in cooperation with the
Western Kansas Groundwater Management District No.1.
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Estimates of saturated thickness at section centers were calculated as follows
1) 1997-1999 water level elevation measurements were averaged for each monitoring well in the region.
2) From these averaged measurements, a model of a continuous water level surface was created using ARC/INFO'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.
5) Percent change since YR1950 = [(YR1950 value -1997 to 1999 average) / YR1950 value] x 100.
6) Sections without a numerical value have little saturation thickness and were classified by interpolation.

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