

**MAJOR KANSAS AQUIFERS**  
1990

PRELIMINARY  
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EXPLANATION

PLEISTOCENE SERIES

Alluvium

Subsides floodplains and in stream terraces

Dune sand

Lenses

Thin, wedge locally to northern Kansas

and along some stream valleys elsewhere

Alluvium

Non-glacial in stream terraces and in

fillage of old valleys

Drift

Till, lacustrine and fluvial deposits

PLIOCENE SERIES

Ogallala Formation

Locality includes Fort Randall, Lawrence,

and Delaware Formations

Dakota Formation

Major Basins

Carburo-Ordovician Aquifer

High Plains Aquifer

Non-contributing portions of aquifer

Dakota Aquifer

This map was produced with computer-assisted cartography using the Geographic Information System (GIS) and the Automated Cartography Laboratory at the Geological Information Services of the Kansas Geological Survey. Map compiled by Virginia A. Ross.

The Kansas Geological Survey does not guarantee the map to be free from error or responsibility and disclaims any responsibility for interpretations from the map or secondary uses thereof.

Scale 1:500,000  
1 inch equals approximately 0.8 miles  
0 10 20 Miles  
Lambert Conformal Conic Projection  
with standard parallels at 37° and 43°

