

EXPLANATION

Geological legend for Quaternary, Tertiary, and Cretaceous periods. Includes symbols for Alluvium, Dune sand, Terrace deposits, Ogallala group, Pierre shale, Niobrara chalk, Carlile shale, Greenhorn limestone and Gannox shale, Dakota group, and Triassic (?) red beds.

EXPLANATION—CONTINUED

Geological legend for Permian and Carboniferous periods. Includes symbols for Upper Cimarron undifferentiated, Blaine formation, End formation, Summer group, Chase group, Council Grove group, and Adair group.

EXPLANATION—CONTINUED

Geological legend for Pennsylvanian and Carboniferous periods. Includes symbols for Wabunnee group, Shawnee group, Douglas group, Potosi group, and Lansing group.

EXPLANATION—CONTINUED

Geological legend for Mississippian and Carboniferous periods. Includes symbols for Kansas City group, Bronson group, Burchard formation, Marston group, Cherokee shale, and Boone limestone.

EXPLANATION—CONTINUED

Geological legend for igneous rocks and highways. Includes symbols for basic volcanic rocks, granite, and federal/state highways.

GEOLOGIC MAP OF KANSAS
PREPARED BY THE STATE GEOLOGICAL SURVEY OF KANSAS

This map has been prepared under the direction of Raymond C. Moore and Kenneth L. Landen from surveys by members of the State Geological Survey staff, especially M. K. Elias and N. D. Newell, from data supplied by oil companies and consulting geologists and from reports of the U. S. Geological Survey and State Geological Survey in cooperation. Acknowledgment is made of the active interest of former Governor Alf M. Landon under whose term of office most of the compilation and field work was done. The base map on which the geology is printed was compiled by the U. S. Geological Survey. Edited by R. C. Moore, K. K. Landen, and G. W. Stone.

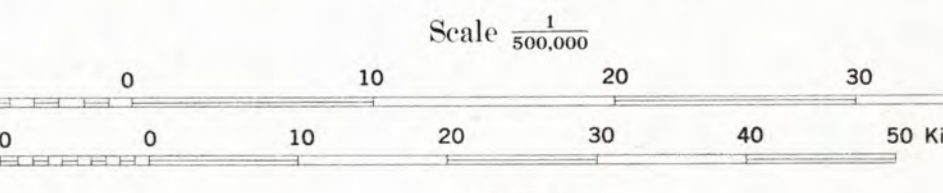


Table of geologic time scales with corresponding symbols for various geological periods.

Diagram of a traverse showing numbering of sections.