



ROCKY MOUNTAINS (Including Colorado Plateau)  
Alluvium, boulder deposits, lake beds, and wind-blown sand  
Columbia River and Snake River basalt flows  
Challis volcanics  
White River group  
Green River formation  
Wasatch formation  
Fort Union formation  
Lance formation  
Mesaverde formation  
Colorado shale  
Dakota sandstone to Morrison formation  
Jurassic rocks  
Triassic rocks  
Lower Permian rocks  
Pennsylvanian rocks  
Mississippian rocks  
Devonian to Cambrian rocks  
Paleozoic undifferentiated  
Belt series undivided and other Algonkian rocks  
Archaean rocks

IDAHO AND MONTANA  
Columbia River and Snake River basalt flows  
Challis volcanics  
White River group  
Green River formation  
Wasatch formation  
Fort Union formation  
Lance formation  
Mesaverde formation  
Colorado shale  
Dakota sandstone to Morrison formation  
Jurassic rocks  
Triassic rocks  
Lower Permian rocks  
Pennsylvanian rocks  
Mississippian rocks  
Devonian to Cambrian rocks  
Paleozoic undifferentiated  
Belt series undivided and other Algonkian rocks  
Archaean rocks

GREAT PLAINS (Including Black Hills and other local uplifts and extending to western Texas)  
Alluvium and wind-blown sand  
Ogallala and Arkkaree formations  
White River group  
Green River formation  
Wasatch formation  
Fort Union formation  
Lance formation  
Bearpaw and Judith River formations  
Claggett and Eagle formations  
Niobrara formation  
Benton shale  
Dakota sandstone  
Comanche series  
Jurassic rocks  
Triassic rocks  
Upper Permian rocks  
Lower Permian rocks  
Pennsylvanian rocks  
Mississippian rocks  
Devonian and Cambrian rocks  
Oriskany and Cambrian rocks  
Sedimentary schist and quartzite  
Pre-Cambrian intrusive rocks

EASTERN COLORADO AND NEW MEXICO  
Alluvium and boulder deposits  
Intrusive rocks  
Upper Permian rocks  
Lower Permian rocks  
Upper Pennsylvanian rocks  
Upper-middle Pennsylvanian rocks  
Lower-middle Pennsylvanian rocks  
Lower Pennsylvanian rocks  
Rocks of Chester age  
Oriskany and Cambrian rocks  
Sedimentary schist and quartzite  
Pre-Cambrian intrusive rocks

MID-CONTINENT REGION (Southern Iowa to central Texas, including Ozark, Ouachita, Arbuckle, Wichita, and central Texas uplifts)  
Alluvium and boulder deposits  
Intrusive rocks  
Upper Permian rocks  
Lower Permian rocks  
Upper Pennsylvanian rocks  
Upper-middle Pennsylvanian rocks  
Lower-middle Pennsylvanian rocks  
Lower Pennsylvanian rocks  
Rocks of Chester age  
Oriskany and Cambrian rocks  
Sedimentary schist and quartzite  
Pre-Cambrian intrusive rocks

IDAHO, COLORADO, AND PARTS OF UTAH AND WYOMING  
Jurassic and Triassic rocks  
Triassic rocks  
Lower Permian rocks  
Pennsylvanian rocks  
Mississippian rocks  
Devonian to Cambrian rocks  
Paleozoic undifferentiated  
Belt series undivided and other Algonkian rocks  
Archaean rocks

PACIFIC COAST AND GREAT BASIN  
ATLANTIC AND GULF COASTAL PLAIN  
INDEX MAP  
Showing subdivisions represented by separate legends  
The appropriate legend should be used for each subdivision