

# GENERALIZED GEOLOGIC MAP OF WYOMING

## MAP EXPLANATION

Approximate age in millions of years before present

1.6  
24  
38  
49  
55  
66  
96  
138  
205  
245  
330  
570  
1,400  
2,500

### CENOZOIC IGNEOUS ROCKS

- Quaternary, Pliocene, and Miocene rhyolite and basalt; some intrusives
- Upper Tertiary to Cretaceous(?) intrusive rocks; some extrusives
- Eocene Absaroka Volcanic Supergroup

### SEDIMENTS AND SEDIMENTARY ROCKS

#### Cenozoic

- Quaternary unconsolidated sediments
- Lower Quaternary, Pliocene, and Miocene
- Oligocene
- Middle Eocene; some Upper Eocene
- Lower Eocene
- Paleocene

#### Mesozoic

- Upper Cretaceous
- Upper and Lower Cretaceous
- Lower Cretaceous; some Jurassic
- Jurassic; some Lower Cretaceous
- Triassic

#### Paleozoic

- Permian and Pennsylvanian; some Mississippian and Triassic
- Cambrian, Ordovician, Devonian, and Mississippian

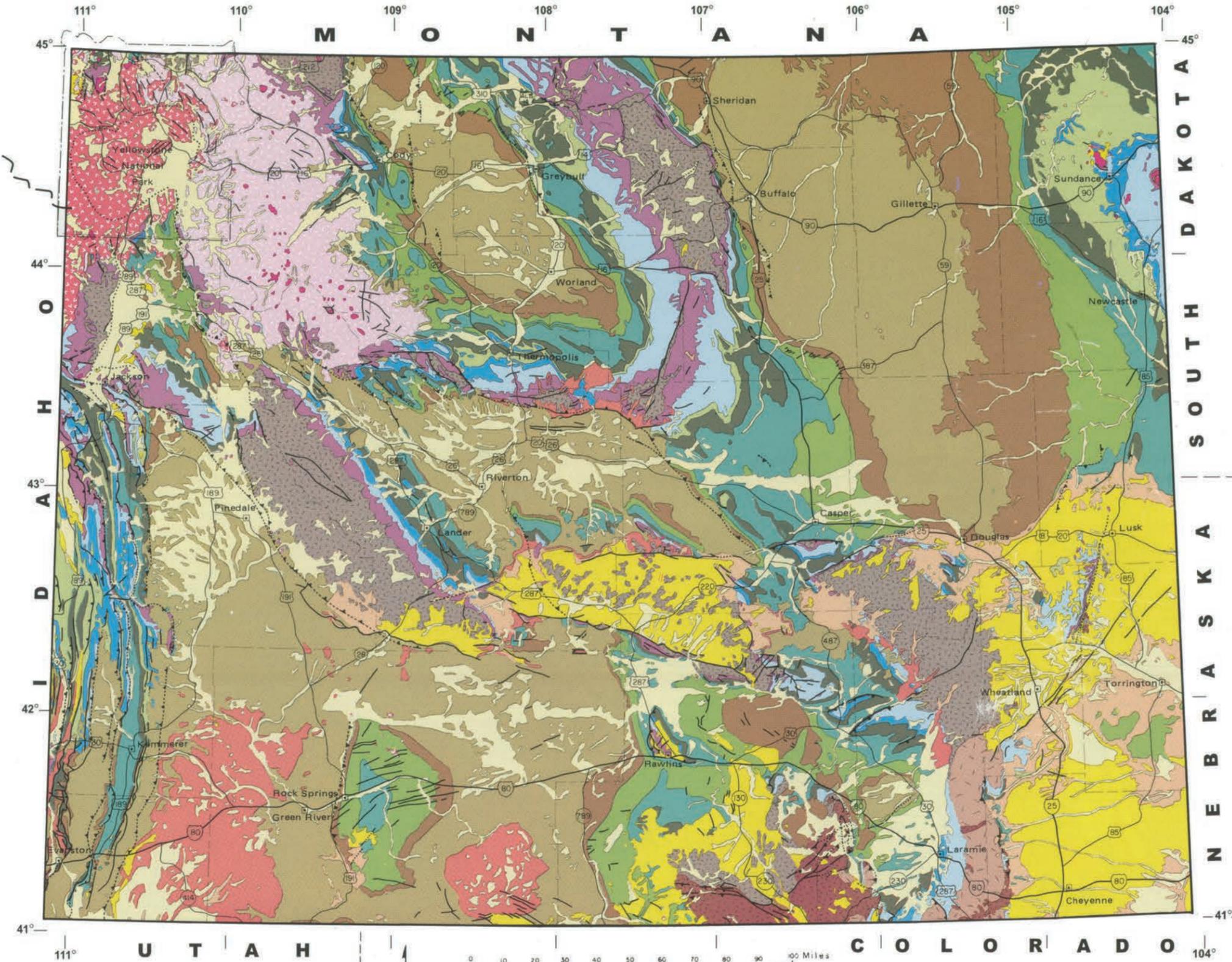
### IGNEOUS AND METAMORPHIC ROCKS

#### Precambrian

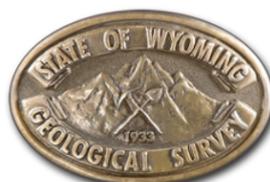
- Middle Proterozoic intrusive rocks
  - Early Proterozoic igneous and metamorphic rocks
  - Archean igneous and metamorphic rocks
- Major unconformity

### MAJOR FAULTS

- Fault (dotted where concealed)
- Thrust fault; teeth on upper plate (dotted where concealed)



SCALE  
1" = 42 miles or 1:2,669,000



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Survey Educational Series 1, 41 p.