

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

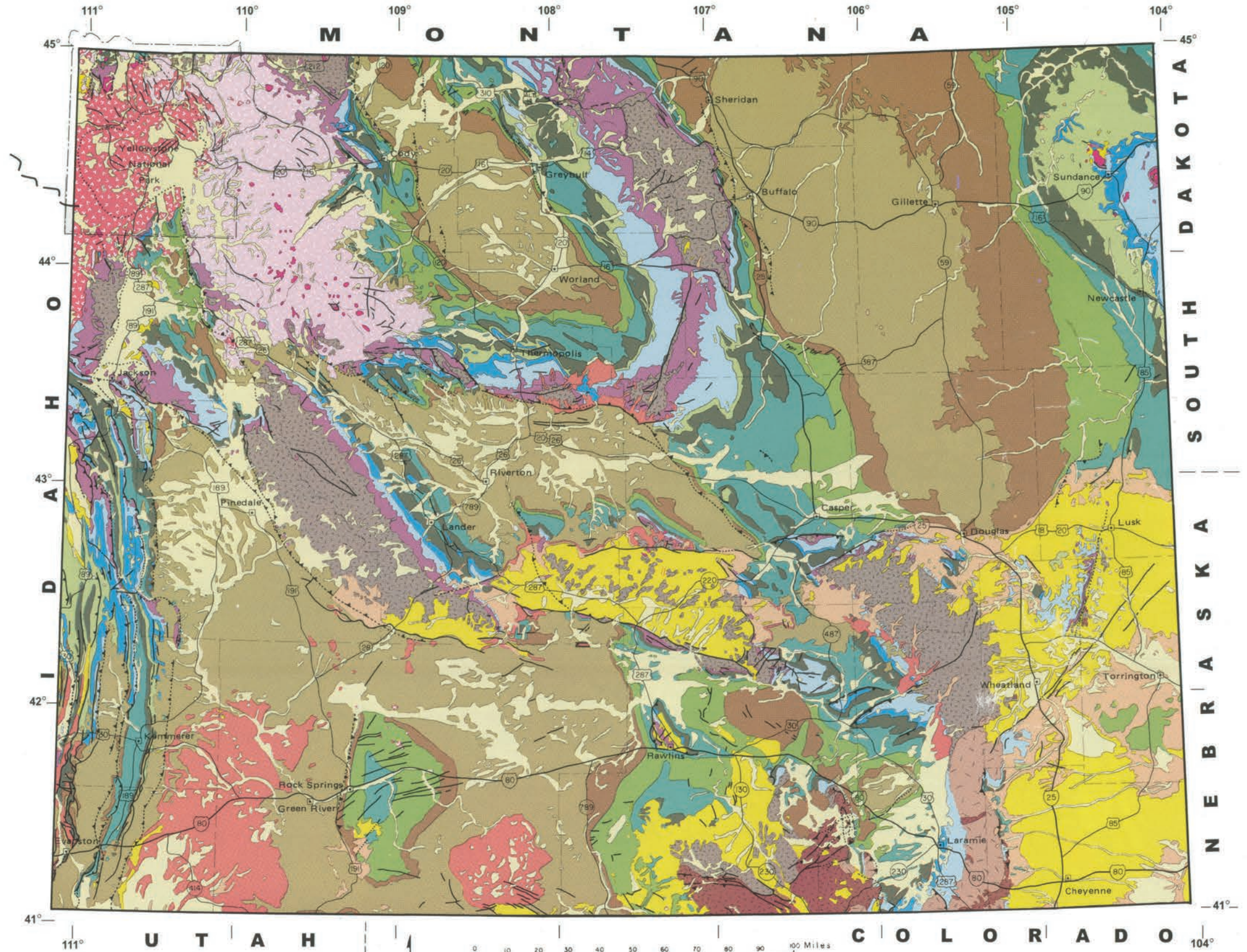
Precambrian

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

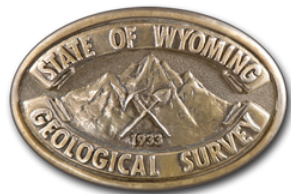
Major
unconformity

MAJOR FAULTS

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



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



Wyoming State Geological Survey
Thomas A. Drear, Director and State Geologist

Laramie, Wyoming
2014 Reprint

Cartography by Phyllis A. Ranz

Modified and adapted from Roberts, S., 1989,
Wyoming Geomaps: Wyoming State Geological
Survey Educational Series 1, 41 p.