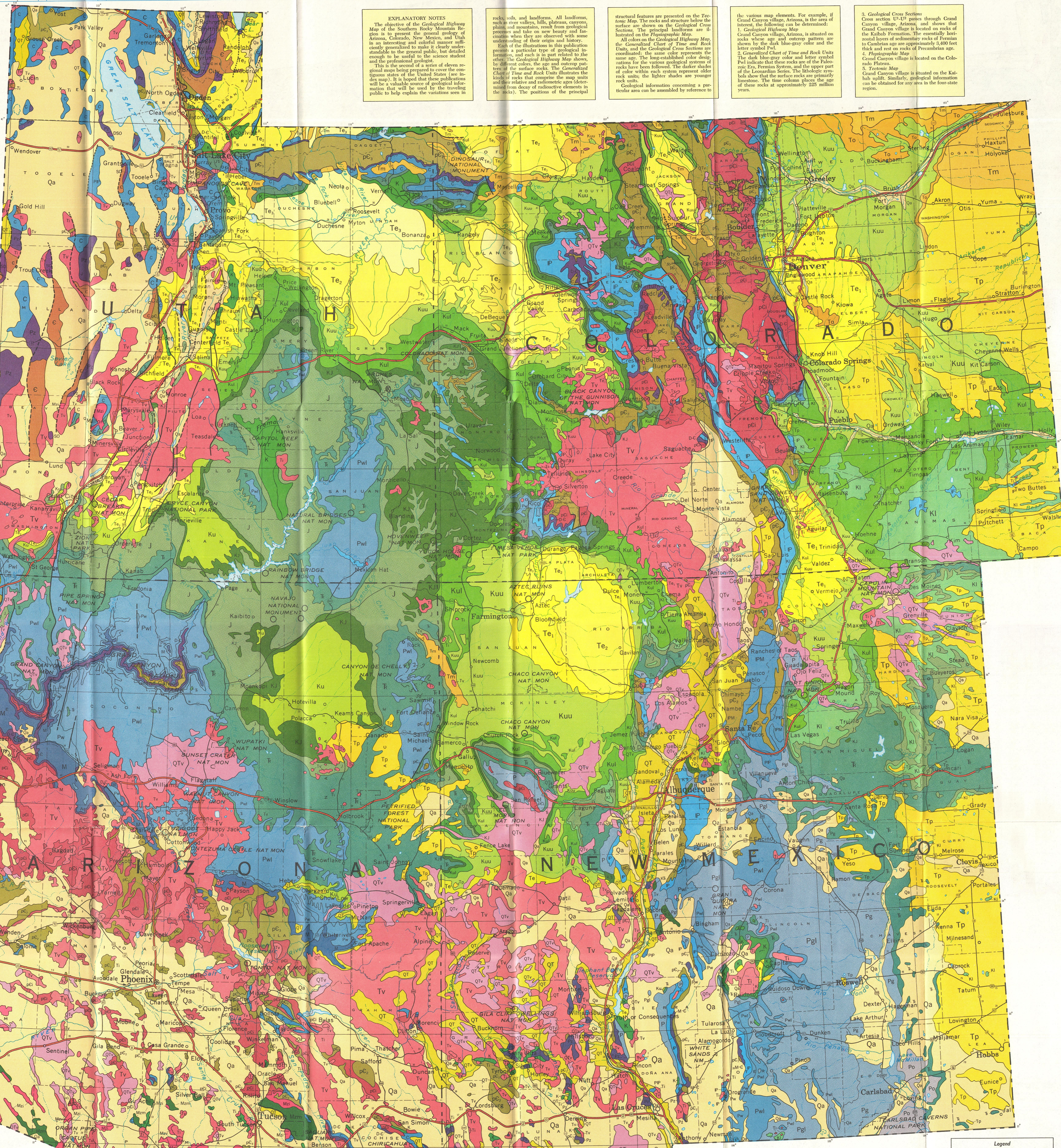


GENERALIZED CHART OF TIME AND ROCK UNITS
UTAH - WESTERN COLORADO
ARIZONA - WESTERN NEW MEXICO

ERA	SYSTEM	SERIES	FORMATIONS	OUTCROP COLUMN SECTION	TIME	
CENOZOIC	QUATERNARY	RECENT			0 - 10,000 years	
		PLISTOCENE			10,000 - 100,000 years	
		HOLOCENE			100,000 - present	
	TERTIARY	CENOZOIC	PLIOCENE			2 - 3 million years
			MIOCENE			23 - 24 million years
			OLIGOCENE			34 - 35 million years
		CRETACEOUS	Eocene			35 - 40 million years
			PALEOCENE			40 - 65 million years
	MESOZOIC	CRETACEOUS	UPPER			65 - 100 million years
			MIDDLE			100 - 145 million years
LOWER					145 - 160 million years	
JURASSIC			UPPER			160 - 180 million years
			LOWER			180 - 200 million years
TRIASSIC		UPPER			200 - 220 million years	
		MIDDLE			220 - 250 million years	
		LOWER			250 - 260 million years	
		PERMIAN	UPPER			260 - 270 million years
			LOWER			270 - 280 million years
PALEOZOIC	DEVONIAN	UPPER			360 - 370 million years	
		MIDDLE			370 - 380 million years	
		LOWER			380 - 390 million years	
		CARBONIFEROUS	UPPER			390 - 400 million years
			LOWER			400 - 410 million years
	SILURIAN	UPPER			410 - 420 million years	
		MIDDLE			420 - 430 million years	
		LOWER			430 - 440 million years	
		ORDOVICIAN	UPPER			440 - 450 million years
			LOWER			450 - 460 million years
PRECAMBRIAN	CAMBRIAN	UPPER			540 - 560 million years	
		MIDDLE			560 - 570 million years	
		LOWER			570 - 580 million years	
		ORDOVICIAN	UPPER			580 - 590 million years
			LOWER			590 - 600 million years
	PRECAMBRIAN	ALTAIR			600 - 610 million years	
		WATERLOO			610 - 620 million years	
		WINDY HILLS			620 - 630 million years	
		WINDY HILLS			630 - 640 million years	
		WINDY HILLS			640 - 650 million years	

GENERALIZED CHART OF TIME AND ROCK UNITS
EASTERN COLORADO AND EASTERN NEW MEXICO

Two charts are used to show the time and rock units of the Southern Rocky Mountain region. The rocks are arranged according to their relative age. The geologic time scale is shown in millions of years. The geologic time scale is shown in millions of years. The geologic time scale is shown in millions of years.

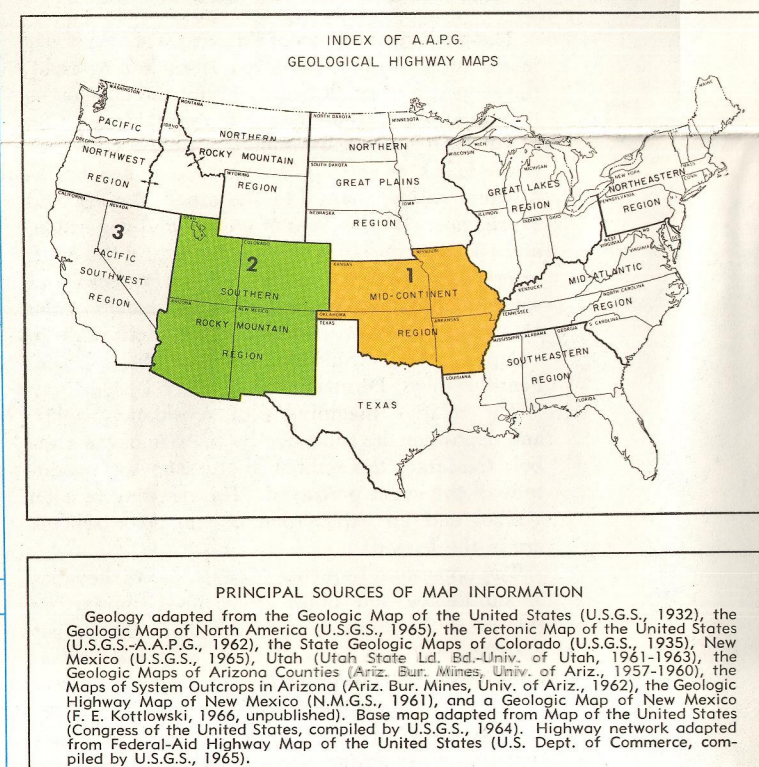


EXPLANATORY NOTES
The objective of the Geological Highway Map of the Southern Rocky Mountain Region is to present the general geology of an interesting and colorful region with a minimum of technical detail. The map is intended for the general public, but detailed information is available in the scientific and professional geologic literature.

The various map elements. For example, if Grand Canyon village, Arizona, is the area of interest, the following can be determined: 1. Geological Highway Map. 2. Geological Highway Map. 3. Geological Highway Map. 4. Geological Highway Map. 5. Geological Highway Map. 6. Geological Highway Map. 7. Geological Highway Map. 8. Geological Highway Map. 9. Geological Highway Map. 10. Geological Highway Map. 11. Geological Highway Map. 12. Geological Highway Map. 13. Geological Highway Map. 14. Geological Highway Map. 15. Geological Highway Map. 16. Geological Highway Map. 17. Geological Highway Map. 18. Geological Highway Map. 19. Geological Highway Map. 20. Geological Highway Map. 21. Geological Highway Map. 22. Geological Highway Map. 23. Geological Highway Map. 24. Geological Highway Map. 25. Geological Highway Map. 26. Geological Highway Map.

GENERALIZED CHART OF TIME AND ROCK UNITS
EASTERN COLORADO AND EASTERN NEW MEXICO

ERA	SYSTEM	SERIES	FORMATIONS	OUTCROP COLUMN SECTION	TIME	
CENOZOIC	QUATERNARY	RECENT			0 - 10,000 years	
		PLISTOCENE			10,000 - 100,000 years	
		HOLOCENE			100,000 - present	
	TERTIARY	CENOZOIC	PLIOCENE			2 - 3 million years
			MIOCENE			23 - 24 million years
			OLIGOCENE			34 - 35 million years
		CRETACEOUS	Eocene			35 - 40 million years
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		LOWER			570 - 580 million years	
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			LOWER			590 - 600 million years
	PRECAMBRIAN	ALTAIR			600 - 610 million years	
		WATERLOO			610 - 620 million years	
		WINDY HILLS			620 - 630 million years	
		WINDY HILLS			630 - 640 million years	
		WINDY HILLS			640 - 650 million years	



PRINCIPAL SOURCES OF MAP INFORMATION

Geology adopted from the Geological Maps of the United States (U.S.G.S., 1932), the Geological Survey of Canada (1932), the Geological Survey of Mexico (1932), the Geological Survey of India (1932), the Geological Survey of China (1932), the Geological Survey of Japan (1932), the Geological Survey of the Philippines (1932), the Geological Survey of the Netherlands (1932), the Geological Survey of the United Kingdom (1932), the Geological Survey of the Soviet Union (1932), the Geological Survey of the United States (U.S.G.S., 1932), the Geological Survey of Canada (1932), the Geological Survey of Mexico (1932), the Geological Survey of India (1932), the Geological Survey of China (1932), the Geological Survey of Japan (1932), the Geological Survey of the Philippines (1932), the Geological Survey of the Netherlands (1932), the Geological Survey of the United Kingdom (1932), the Geological Survey of the Soviet Union (1932).

MAP NO. 2
UNITED STATES GEOLOGICAL SURVEY
Geological Highway Map
OF THE
SOUTHERN ROCKY MOUNTAIN REGION
UTAH ARIZONA COLORADO NEW MEXICO

COMPILED BY
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