



NOTE
The scale of this map (1:5,000,000) permits illustration of areas as narrow as 3 miles. Each symbol represents either a single deposit or a group of deposits within an area of about 3 miles in diameter.

SOURCES OF GEOLOGIC DATA
Chief source
Stose, G. W., (assisted by Ljungstedt, O. A.), 1952, Geologic map of the United States: U. S. Geol. Survey.

Other sources
King, F. R., and others, 1944, Tectonic map of the United States: Am. Assoc. Petroleum Geologists.
Rose, C. F., Andrews, D. A., and Witkind, J. J., 1955, Geologic map of Montana: Prepared by the U. S. Geol. Survey in cooperation with the Montana Bur. Mines and Geology.
Luedke, R. G., and Shoemaker, E. M., 1952, Tectonic map of the Colorado Plateau: U. S. Geol. Survey open-file report.

EXPLANATION

- Intrusive rocks
Excludes intrusive rocks of Late Cretaceous age, includes some metamorphic rocks of undifferentiated age in California
- Extrusive rocks
Excludes extrusive rocks of Late Cretaceous age
- Intrusive rocks
- Extrusive rocks
- Igneous and metamorphic rocks, undifferentiated
Includes intrusive rocks of uncertain age in California and some metamorphic rocks of Paleozoic age in some eastern states

MESOZOIC
 PALEOZOIC
 PRECAMBRIAN

Contact

Type of deposit	Age of host rock				
	Precambrian	Paleozoic	Mesozoic	Cenozoic	Unknown
Uranium-bearing vein deposits	•	•	•	•	•
Uranium deposits generally concordant to the bedding of sedimentary rocks	None	•	•	•	None

Each deposit shown has yielded an assay of 0.01 percent or more U₃O₈ or a recognizable uranium mineral. Data compiled in 1957.

DISTRIBUTION OF EPIGENETIC URANIUM DEPOSITS AND IGNEOUS AND METAMORPHIC ROCKS OF PRE-LATE CRETACEOUS AGE
By
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