

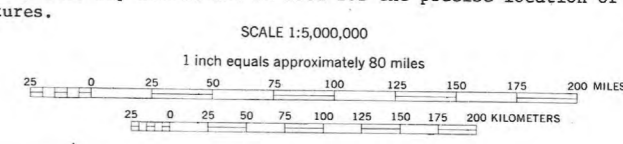


EXPLANATION

- Geologic boundary
- Tectonic province boundary  
Dashed where concealed by younger deposits
- Major anticline or anticlinorium
- Major syncline or synclinorium
- Arch  
Showing approximate location of axis
- Dome
- High-angle fault  
Hachures on downthrown side where known; arrows show relative movement.  
Dashed where approximately located or covered by younger deposits
- Low-angle fault  
Sawtooth on upper plate. Dashed where covered by younger deposits
- Axis of embayment trough
- Locally observed folds or faults in Coastal Plain rocks

NOTE: This map has been abstracted from the Tectonic map of the United States (U.S. Geol. Survey and Am. Assoc. Petroleum Geologists, 1962), the Basement rock map of the United States (Sayley and Muehlberger, 1968), a tectonic map of the northern Appalachians (Rodgers, 1970), and other sources. It is provided as a reference for the accompanying seismotectonic map and is not intended as a revision of the sources mentioned.

Generalization involved in reducing data from maps at scales of 1:62,500 or larger to the 1:2,500,000 scale of the tectonic and basement maps has resulted in discrepancies in some locations amounting to several miles. Therefore, this map should not be used for the precise location of geologic features.



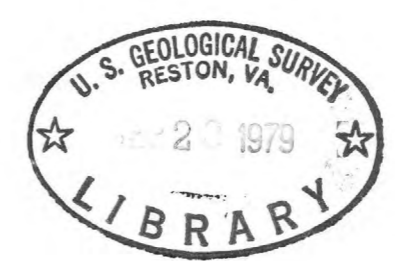
Albers equal-area projection, 1927 North American datum

A, TECTONIC MAP  
SEISMOTECTONIC MAP OF THE EASTERN UNITED STATES

By  
Jarvis B. Hadley and James F. Devine  
1974

Interior—Geological Survey, Reston, Va.—1977

For sale by Branch of Distribution, U.S. Geological Survey,  
1200 South Eads Street, Arlington, VA 22202



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