



EXPLANATION

Modified Mercalli Intensity

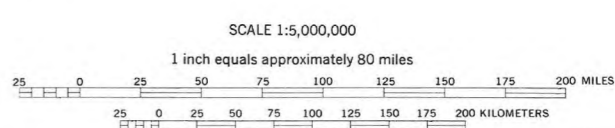
- ▲ III to VI
- △ VII
- △ VIII
- △ IX-X
- △ XII

A single epicenter of intensity XII is shown near New Madrid, Missouri

The center of each triangular symbol indicates the epicentral location of one or more seismic events, plotted to the nearest 0.1 degree of latitude and longitude. The intensity shown is maximum Modified Mercalli (MM) intensity in the epicentral area of the largest event at the plotted location. Most locations are based on observations of intensity rather than on instrumental records

Seismic frequency contour represents the areal distribution of earthquake epicenters with epicentral intensity of MM III and greater, as indicated by the total number per 10°km² during the period 1800-1972. Contour intervals are 0-4, more than 4 but less than 8, more than 8 but less than 16, more than 16 but less than 32, more than 32 but less than 64, and more than 64. The contours are considerably generalized and are shown only as a guide for estimating regional seismicity. They have no value for precise location of seismic boundaries

NOTE: This map was compiled in 1973 from earthquake data of the Environmental Data Service of the National Oceanic and Atmospheric Administration and from data of the Dominion Observatory, Ottawa, Canada



Albers equal-area projection, 1927 North American datum

B, EARTHQUAKE EPICENTERS, 1800-1972
SEISMOTECTONIC MAP OF THE EASTERN UNITED STATES

By
Jarvis B. Hadley and James F. Devine
1974



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