

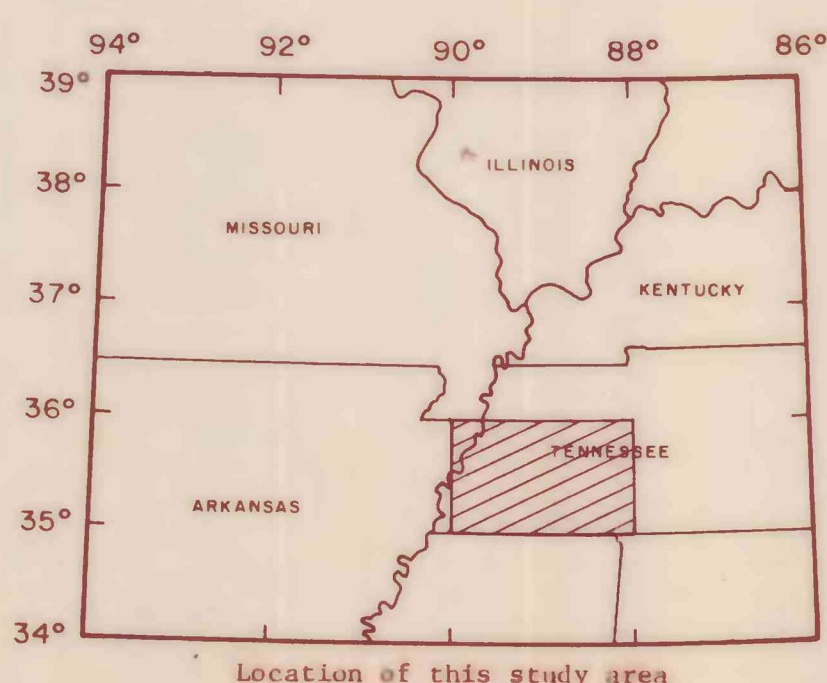


SIMPLE BOUGUER GRAVITY MAP OF THE BLYTHEVILLE 1° BY 2°  
QUADRANGLE, TENNESSEE AND ARKANSAS

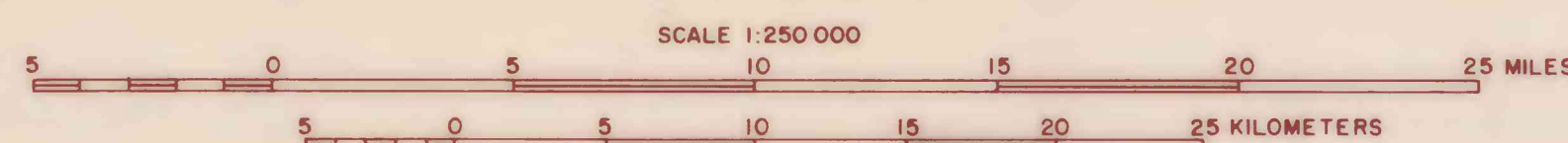
BY

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1979

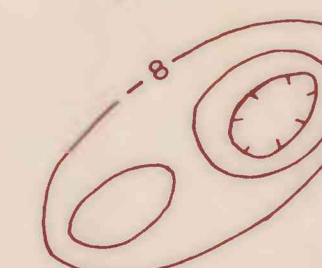


Location of this study area



EXPLANATION

- Gravity contours
- Hachured contours indicate areas of low gravity closure
- Station location



This map was prepared from a subset of the gravity data previously published at a scale of 1:500,000 by Hildenbrand and others (1977). The data have been reduced to the 1971 IGSN (International Gravity Standardization Network) (International Association of Geodesy, 1971). A reduction density of 2.67 mg/m<sup>3</sup> was assumed in reducing the data to the simple Bouguer anomaly.

REFERENCES CITED

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- Hildenbrand, T. G., Ervin, C. P., Hendricks, John, Keller, G. R., McGinnis, L. D., and Stearns, R. C., 1977, Bouguer gravity map of the northern Mississippi embayment, parts of Missouri, Arkansas, Tennessee, Kentucky, and Illinois: U.S. Geological Survey open-file report 77-228.
- International Association of Geodesy, 1971, Geodetic reference system, 1967: International Association of Geodesy, Special Publication 3 (Bureau Central, Association Internationale de Geodesie, Paris), 116 p.