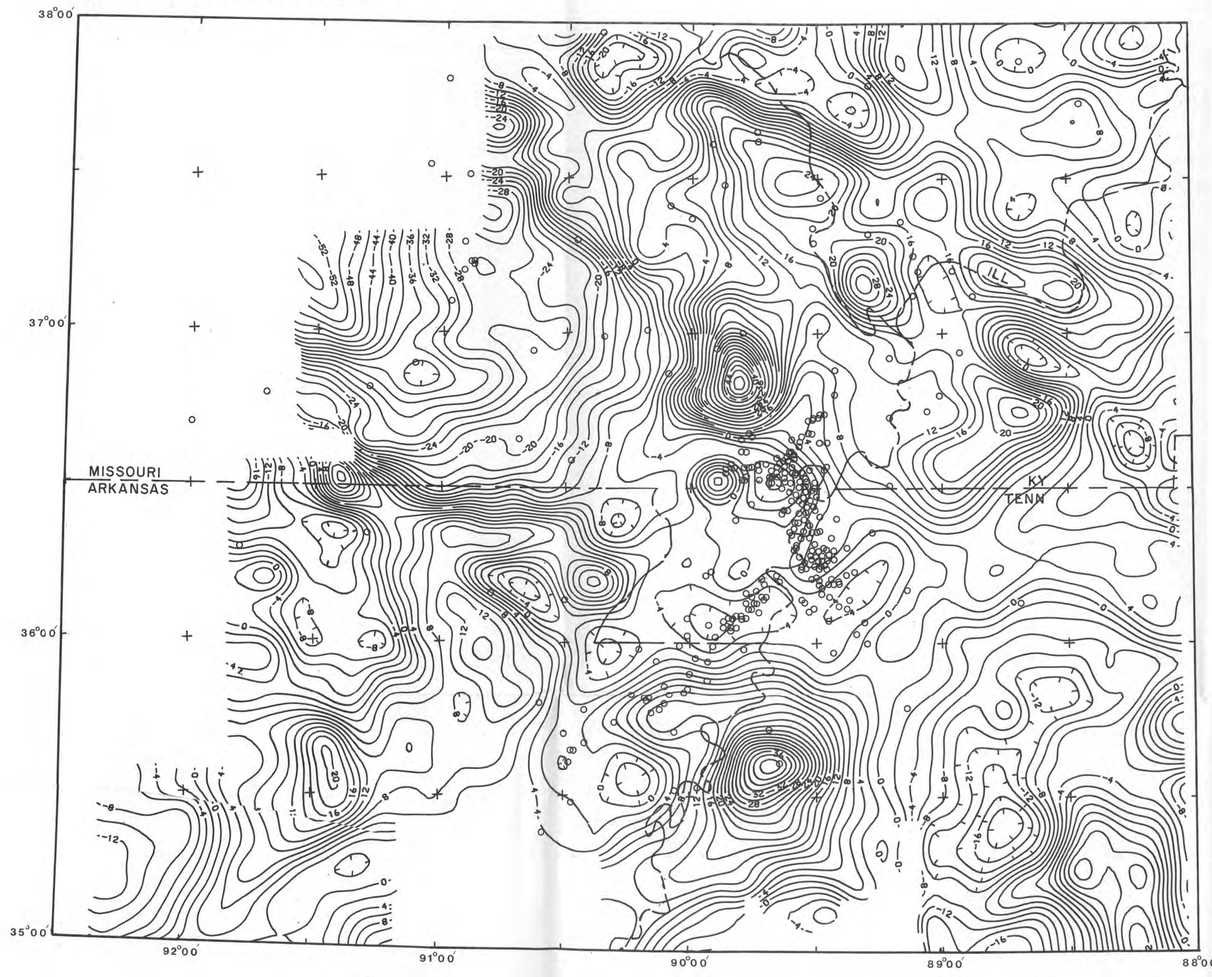

Figure 7.--Bouguer gravity map. Epicenters of earthquakes (detected by the southeast Missouri regional seismic network from July 1974 to June 1976) are denoted by the open circles.

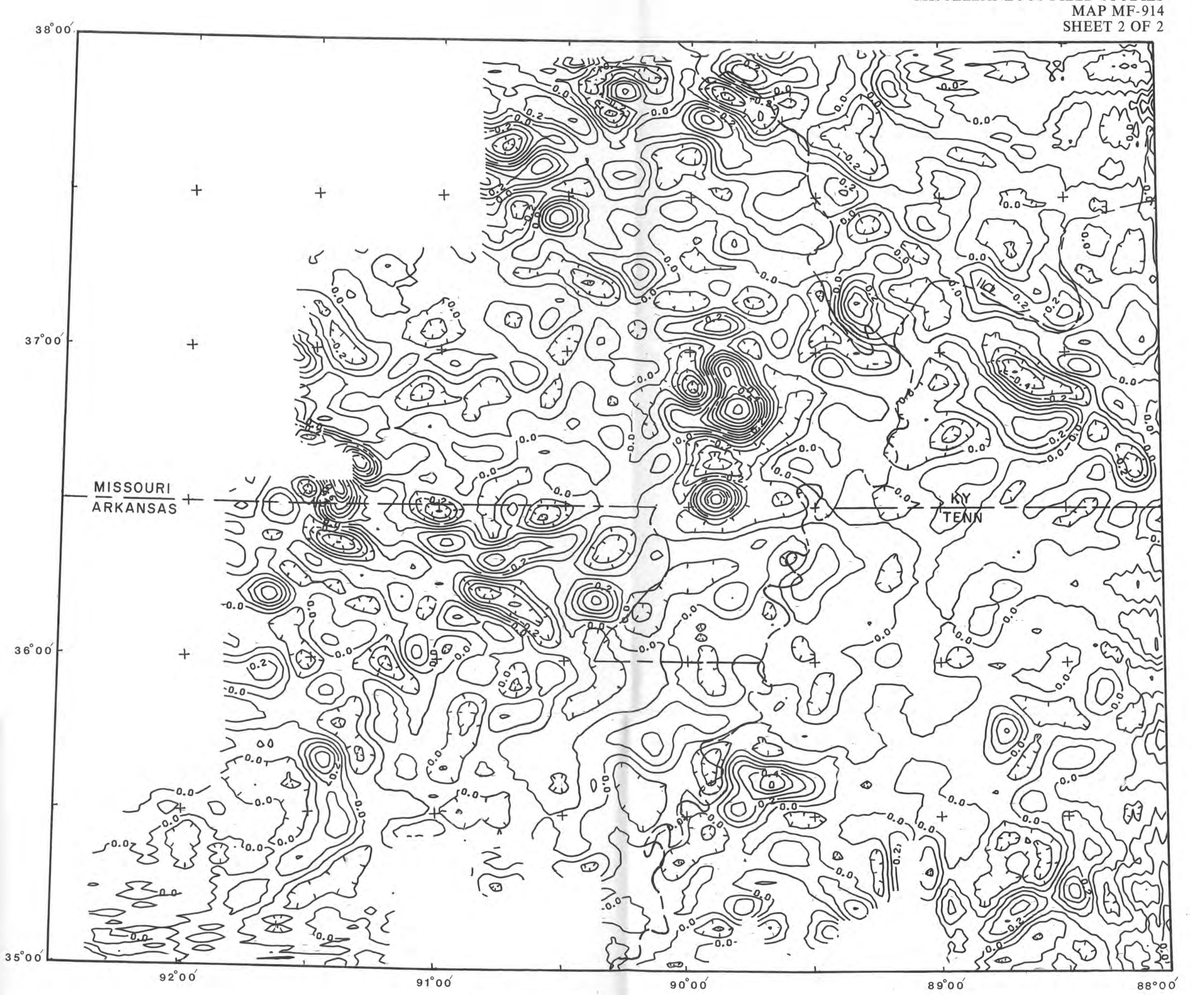

Figure 8.--Second vertical derivative gravity map.

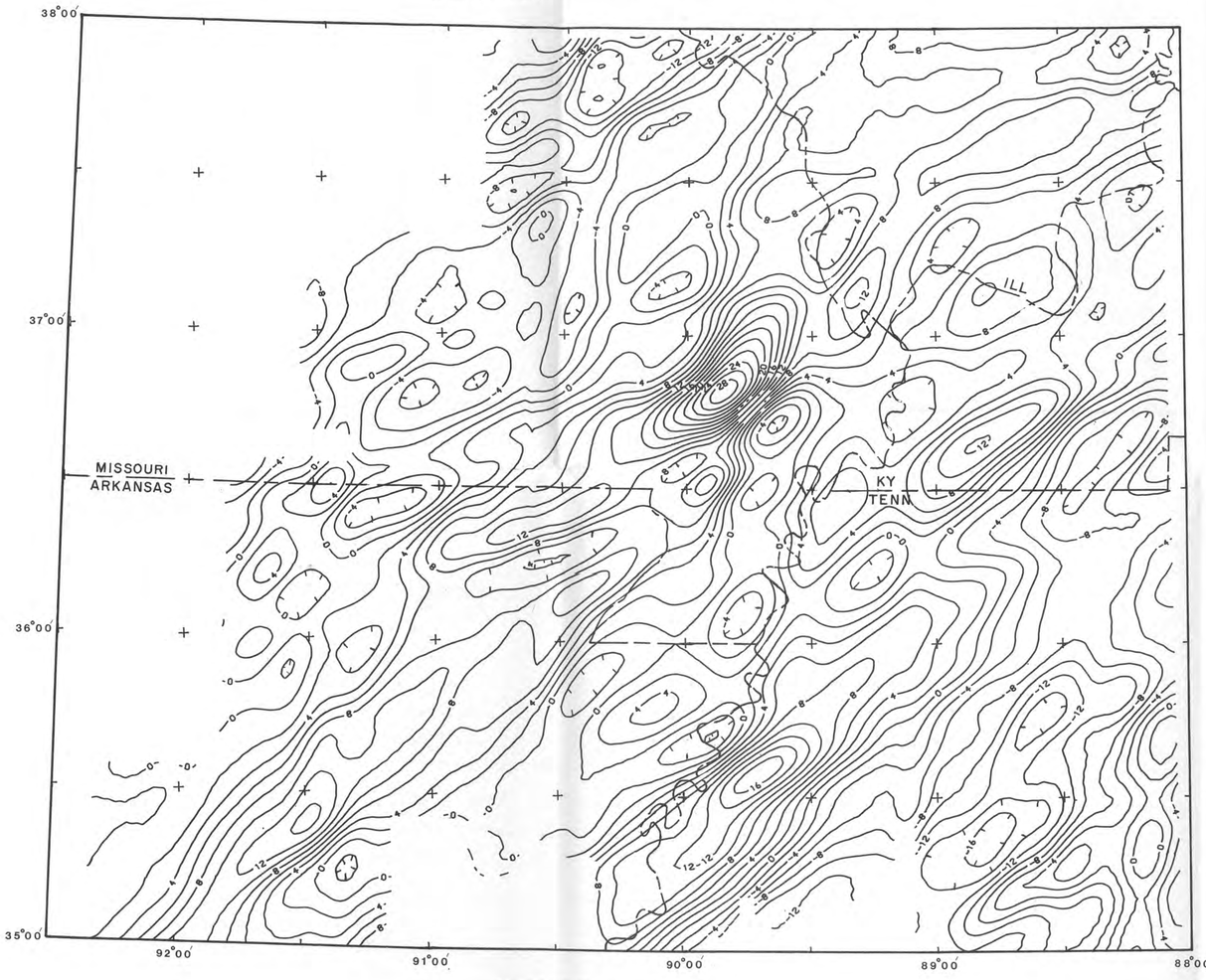

Figure 9.--North-east gravity trend map.

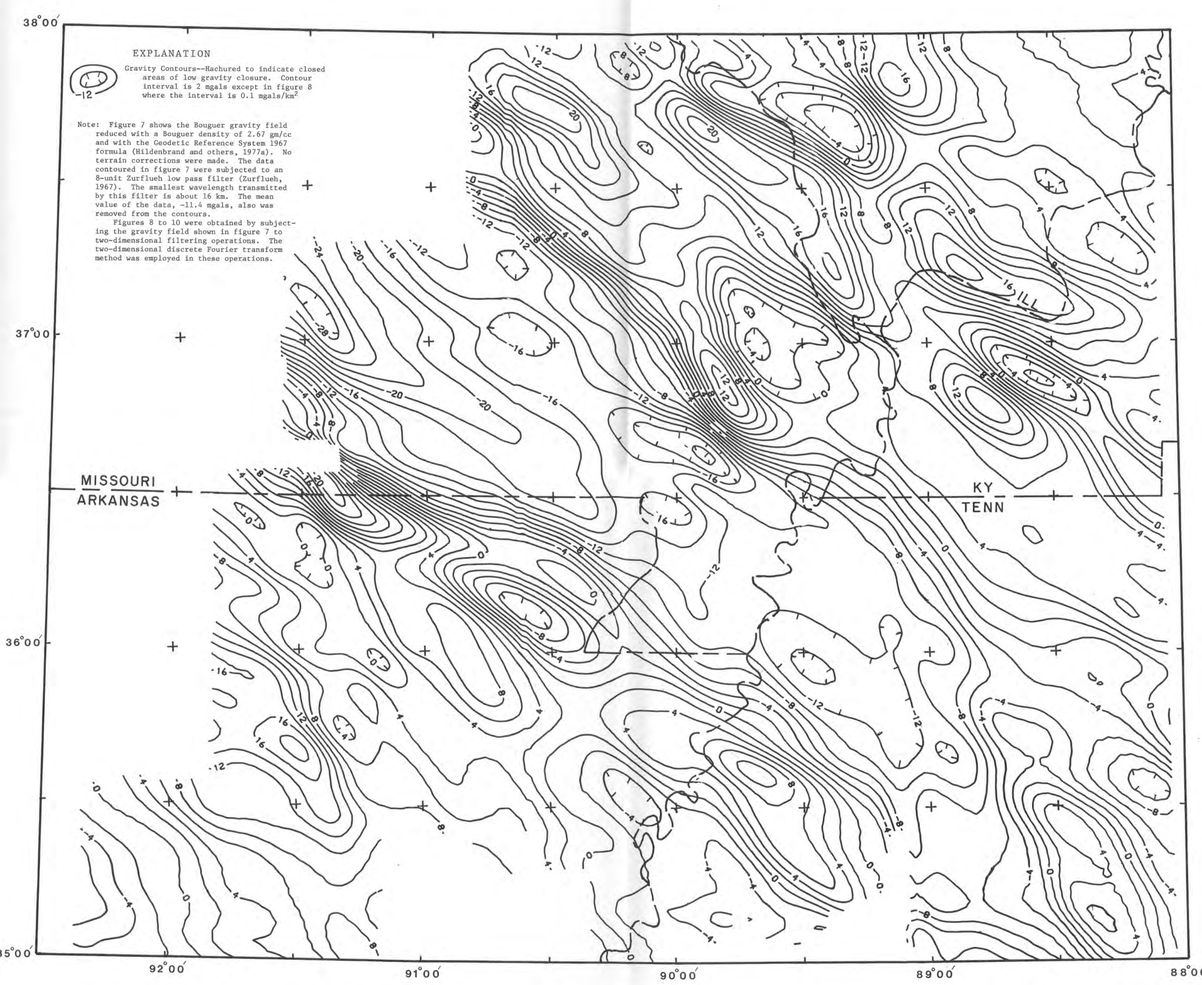

Figure 10.--North-west gravity trend map.

SCALE 1:1 000 000

25 0 25 50 75 100 MILES

25 0 25 50 75 100 KILOMETERS

MAGNETIC AND GRAVITY ANOMALIES IN THE NORTHERN MISSISSIPPI EMBAYMENT AND THEIR SPACIAL RELATION TO SEISMICITY

By

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