



1995

Bouguer Gravity Map of Kentucky

G. Randy Keller
University of Kentucky

Donald C. Adams
University of Kentucky

Right click to open a feedback form in a new tab to let us know how this document benefits you.

Follow this and additional works at: https://uknowledge.uky.edu/kgs_mc

 Part of the [Geology Commons](#)

Repository Citation


Keller, G. Randy and Adams, Donald C., "Bouguer Gravity Map of Kentucky" (1995). *Kentucky Geological Survey Map and Chart*. 216.
https://uknowledge.uky.edu/kgs_mc/216

This Map and Chart is brought to you for free and open access by the Kentucky Geological Survey at UKnowledge. It has been accepted for inclusion in Kentucky Geological Survey Map and Chart by an authorized administrator of UKnowledge. For more information, please contact UKnowledge@lsv.uky.edu.

BOUGUER GRAVITY MAP OF KENTUCKY

G. Randy Keller and Donald C. Adams

EXPLANATION

 Bouguer gravity contours. Contour interval 2 milligals. Hachures indicate closed negative anomalies.

 Gravity stations

 Faults; taken from Geologic Map of Kentucky (1988).

Sea-level datum. Reduction density 2.67 gm/cc. Data were reduced to Bouguer gravity anomaly values using the formulae of Cordell and others (1982). Data are on open file at the University of Texas at El Paso.

REFERENCES

Cordell, L., Keller, G. R., and Hildenbrand, T. G., 1982. Bouguer gravity map of the Rio Grande Rift. U. S. Geological Survey Map GP-949, scale 1:500,000.
Noger, M. C., compiler, 1988. Geologic map of Kentucky. U. S. Geological Survey, scale 1:500,000.

ACKNOWLEDGMENTS:
We would like to acknowledge the contributions of R. K. Soderburg, M. Ammerman, G. M. Graham, M. L. Dusing, C. B. Austin, J. K. Greenberg, A. E. Bland, S. Harden, and James B. Harris. The cooperation of the Defense Mapping Agency and the support of the Nuclear Regulatory Commission and U. S. Geological Survey are gratefully acknowledged.

