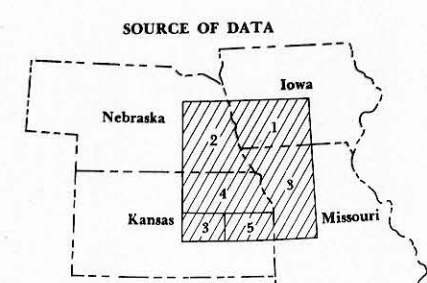


# BOUGUER GRAVITY ANOMALY MAP OF THE FOREST CITY BASIN AND ADJACENT REGIONS OF IOWA, KANSAS, MISSOURI, AND NEBRASKA

Compiled by R. R. Burchett, Nebraska Geological Survey; F. W. Wilson, Kansas Geological Survey;  
R. R. Anderson, Iowa Geological Survey; and I. R. Satterfield, Missouri Geological Survey  
1983

Contour interval: 5 milligals. Hachured to indicate closed areas of lower gravity.  
Absolute gravity values referenced to International Gravity Standardization Net 1971.  
Bouguer gravity values calculated on 1967 International Gravity Formula using a density of 2.67 g/cm<sup>3</sup>.



1. Anderson, R. R. (compiler), 1981, Bouguer gravity anomaly map of Iowa: Iowa Geological Survey Miscellaneous Map Series 7. Scale 1:1,000,000.
2. Burchett, R. R. (compiler), 1982, Bouguer gravity map of Nebraska: Nebraska Geological Survey, Conservation and Survey Division, Institute of Agriculture and Natural Resources, University of Nebraska-Lincoln. Scale 1:1,000,000.
3. National Geophysical and Solar-Terrestrial Data Center, Environmental Data and Information Service, National Oceanic and Atmospheric Administration.
4. Yarger, H., Ng, K., Robertson, R., and Woods, R., 1980, Bouguer gravity map of northeastern Kansas: Kansas Geological Survey Open File Map. Scale 1:500,000.
5. Yarger, H., Lam, C., Sooby, R., Martin, A., Rothe, G., and Steeples, D., 1981, Bouguer gravity map of southeastern Kansas: Kansas Geological Survey Open File Map. Scale 1:500,000.

MAP AND ADDITIONAL INFORMATION AVAILABLE FROM:

Nebraska Geological Survey Conservation and Survey Division 115 Nebraska Hall University of Nebraska Lincoln, Nebraska 68588-0517	Iowa Geological Survey 123 N. Capitol Iowa City, Iowa 52242	Kansas Geological Survey Raymond C. Moore Hall 1930 Ave. A, Campus West University of Kansas Lawrence, Kansas 66044	Missouri Geological Survey Division of Geology and Land Survey P.O. Box 250 Rolla, Missouri 65401
---	---	---	--

NEBRASKA GEOLOGICAL SURVEY  
CONSERVATION AND SURVEY DIVISION  
INSTITUTE OF AGRICULTURE AND NATURAL RESOURCES  
UNIVERSITY OF NEBRASKA, LINCOLN