Map of the second vertical derivative of Bouguer gravity anomaly map for the north-central United States. Data compiled by David L. Daniels and Stephen L. Snyder of the U.S. Geological Survey from various sources. Gravity station coverage over much of Minnesota and Wisconsin is 1-2 miles (1.6-3.2 km); in other areas the coverage is commonly 3-6 miles (4.8-9.6 km) or wider. For more detailed descriptions of the original data sets the reader is referred to:


Gravity data in Minnesota and Wisconsin were largely acquired by the Minnesota Geological Survey, the Wisconsin Geological and Natural History Survey, and Northern Illinois University. Second vertical derivative data have been slightly smoothed by upward continuation 2 kilometers. Note: Decreases in data quality and resolution across some state lines and shorelines mainly reflect decreases in station coverage.