

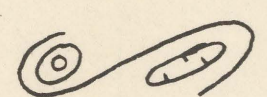


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Explanation



Magnetic Anomaly Contours

The contour intervals are 100 and 200 gammas (nanoteslas). Contours connect points of equal magnetic intensity in hundreds of gammas relative to an arbitrary datum. Dashed lines indicate areas of lower magnetic anomaly values. Contour lines are dashed where data are incomplete. Data are referenced to the International Geomagnetic Reference Field (Fabiano and Peddie, 1969; Barraclough and Fabiano, 1978) adjusted to the times of individual surveys using an arbitrary zero datum.

Sources of magnetic data include total-intensity airborne, ground and shipborne magnetic measurements and vertical-intensity ground magnetic measurements. Short dashed lines mark the boundaries of individual surveys used in the compilation.

References Cited

Fabiano, E.B., and Peddie, N.V., 1969, Grid values of total magnetic intensity, International Geomagnetic Reference Field-1965: U.S. Environmental Science Service Administration Technical Report C and OS 38, 35p.

Barraclough, D.R., and Fabiano, E.B., 1978, Grid values and charts for the International Geomagnetic Reference Field: U.S. Department of Commerce, National Technical Information Service PB-276 630, 139p.

PRELIMINARY COMPOSITE MAGNETIC ANOMALY MAP
OF THE CONTERMINOUS UNITED STATES

Department of the Interior
UNITED STATES GEOLOGICAL SURVEY
in cooperation with the
SOCIETY OF EXPLORATION GEOPHYSICISTS

compiled under the direction of
Isidore Zietz

