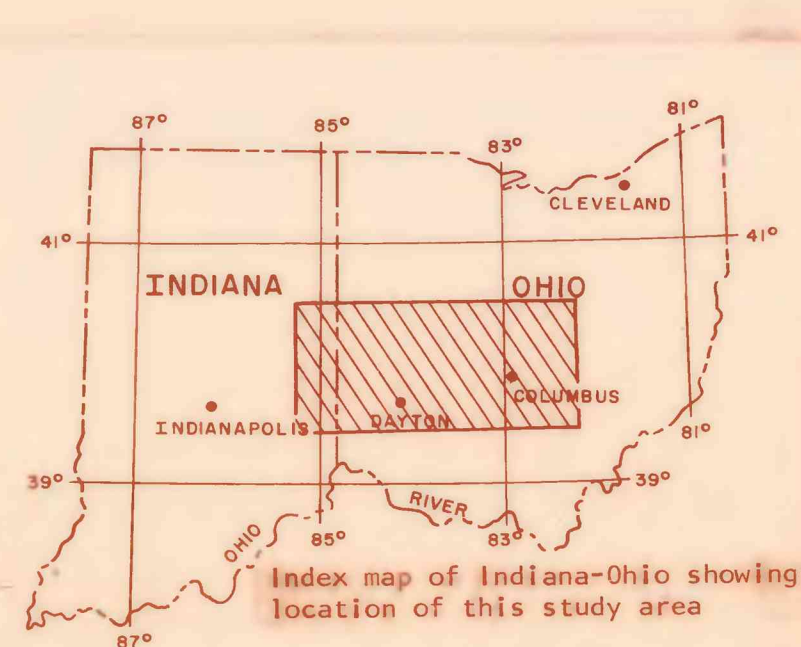


DIGITIZED AEROMAGNETIC MAP OF THE COLUMBUS-DAYTON AREA, OHIO AND INDIANA

BY

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1979



EXPLANATION



Magnetic contours showing total intensity magnetic field of the earth in gammas relative to an arbitrary datum adjusted to coincide with that of Philbin and others (1965). Main magnetic field of the earth from Zunda (1971) has been removed. Contour interval is 50 gammas.

Transverse mercator projection with central meridian 84° W., base latitude 40° N.

SOURCES OF DATA

Prepared from data digitized from Philbin and others (1965) and gridded at 1 km interval.

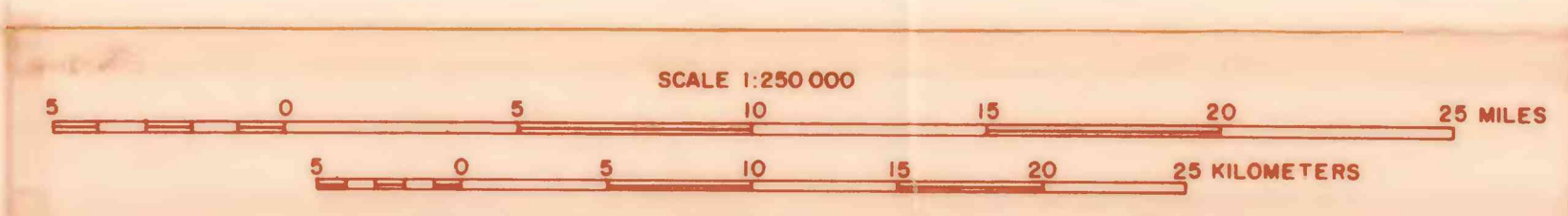
Magnetic survey by U.S. Geological Survey, flown 500 feet above ground, 1 mile spacing, 1960.

REFERENCES CITED

Philbin, P. W., Long, C. L., and Moore, F. C., 1965, Aeromagnetic map of the Columbus-Dayton area, Ohio and Indiana, U.S. Geological Survey Geophysical Investigations Map GP-691.

Zunda, A. J., 1971, The International Geomagnetic Reference Field 1965.0, in Zunda, A. J., ed., World Magnetic Survey, 1957-1969, Bulletin International Association of Geomagnetism and Aeronomy, 28, p. 147-206.

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.



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