DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-325

AEROMAGNETIC MAP OF NORMAN AND PART OF MAHNOMEN COUNTIES, MINNESOTA

By
L. A. Anderson, G. L. Zandle, and others

SCALE 1:63 360

1 0 1 2 3 4 MILES

CONTOUR INTERVALS 50, 250 AND 500 GAMMAS

1962

EXPLANATION

Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum

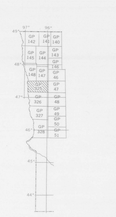
Hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete

Measured maximum or minimum intensity within closed high or closed low

Flight path
Showing location and spacing of data

NOTE

Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station.



Base map from Minnesota Department of Highway maps.
Planimetry does not meet national standard map accuracy.

Aeromagnetic survey flown 500 feet above ground, 1953

APPROXIMATE MEAN DECLINATION, 1962

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