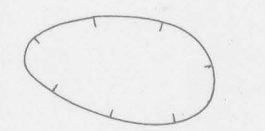


EXPLANATION



Magnetic contours and flight traverses
Contours dashed where data are incomplete; contours show total intensity relative to an arbitrary datum.

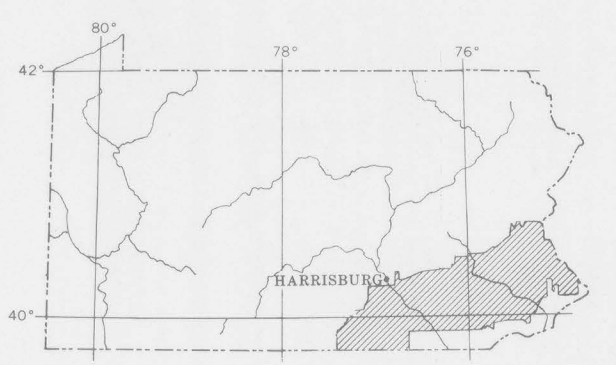


Magnetic contour enclosing area of lower magnetic intensity

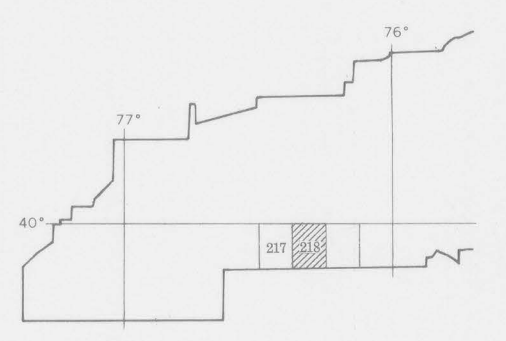
Measured maximum or minimum intensity within closed high or closed low

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.

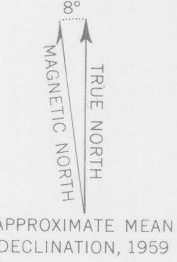


INDEX MAP OF PENNSYLVANIA SHOWING AREA OF AEROMAGNETIC SURVEY 1956-57



WESTERN PART OF AEROMAGNETIC SURVEY AREA SHOWING LOCATION OF THIS REPORT

Base map by Topographic Division
U. S. Geological Survey

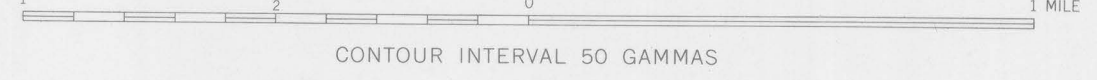


APPROXIMATE MEAN
DECLINATION, 1959

**AEROMAGNETIC MAP OF THE CONESTOGA QUADRANGLE
LANCASTER COUNTY, PENNSYLVANIA**

By
Randolph W. Bromery, Gerald L. Zandle, and others

SCALE 1:24 000



CONTOUR INTERVAL 50 GAMMAS

1959

Aeromagnetic survey flown at 500 feet
above ground, 1957