



EXPLANATION



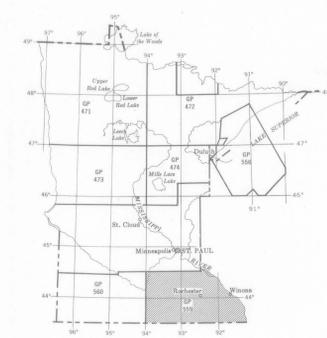
Magnetic contours  
Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete. Contour intervals are 20, 100, and 500 gammas.

Location of 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.



INDEX MAP OF MINNESOTA SHOWING 1:250,000 SCALE AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY IN THE WESTERN LAKE SUPERIOR AREA. AREA OF GP-559 SHADED.

Base from Army Map Service 1:250,000 series: St Paul, 1953; Mason City, 1954; Eau Claire, 1953; and La Crosse, 1953

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966—G64092  
Aeromagnetic survey flown at 1000 feet above ground, 1963

# AEROMAGNETIC MAP OF SOUTHEASTERN MINNESOTA

By  
P. W. Philbin and F. P. Gilbert

SCALE 1:250 000

