

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

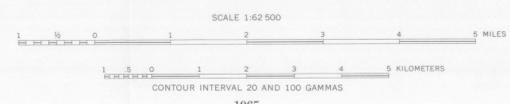
NOTE  
Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines on an aeromagnetic map, which would be more obvious 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 MONTANA  
SHOWING AREA OF THIS REPORT

**BOUGUER GRAVITY, AEROMAGNETIC, AND GENERALIZED GEOLOGIC MAP OF THE EASTERN PART OF THE THREE FORKS BASIN, BROADWATER, MADISON, AND GALLATIN COUNTIES, MONTANA**  
Aeromagnetic Map

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Aeromagnetic survey by J. R. Henderson, Jr., and J. L. Meuschke, 1955. Compilation of data by F. A. Petrafeso