

EXPLANATION



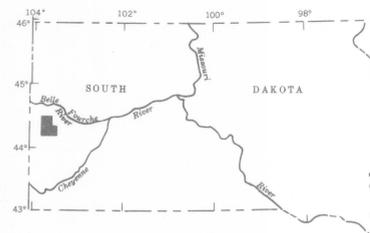
Magnetic contours show total intensity Magnetic field of the earth in gammas relative to arbitrary datum, hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete

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.



INDEX MAP OF SOUTH DAKOTA SHOWING AREA OF AEROMAGNETIC SURVEY

AEROMAGNETIC MAP OF THE DEADWOOD AREA, BLACK HILLS, SOUTH DAKOTA

By

J. L. Meuschke, P. W. Philbin, and F. A. Petrafeso

SCALE 1:48 000



1962