

EXPLANATION

Magnetic contours showing total intensity magnetic field of the earth in gamma units relative to arbitrary datum. Contour interval 20 gamma units. Dashed lines show areas of low magnetic intensity; dotted lines show areas of high magnetic intensity.

Measured maximum or minimum intensity within closed high or closed low

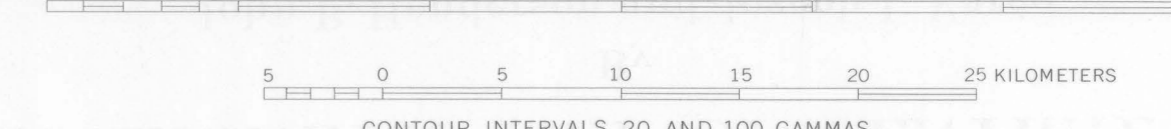
Flight path
Showing location and spacing of data

NOTE
Aeromagnetic data are obtained and recorded along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the contour lines of any magnetic measurement may cause slight distortions in the magnetic field lines on an aeromagnetic map, which would be more noticeable than on a ground magnetic map. For this reason, no such errors should be considered in aeromagnetic features that appear as elongations along a single aeromagnetic traverse or as elongations on contours obtained by a single ground station.

AEROMAGNETIC MAP OF CENTRAL IOWA

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SCALE 1:316,800



CONTOUR INTERVALS 20 AND 100 GAMMAS

1965

Base from U.S. Geological Survey 250,000 series quadrangles: Waterloo, Fort Dodge, Oklahe, Mason City, and Des Moines, 1954; and Nebraska City, 1955.