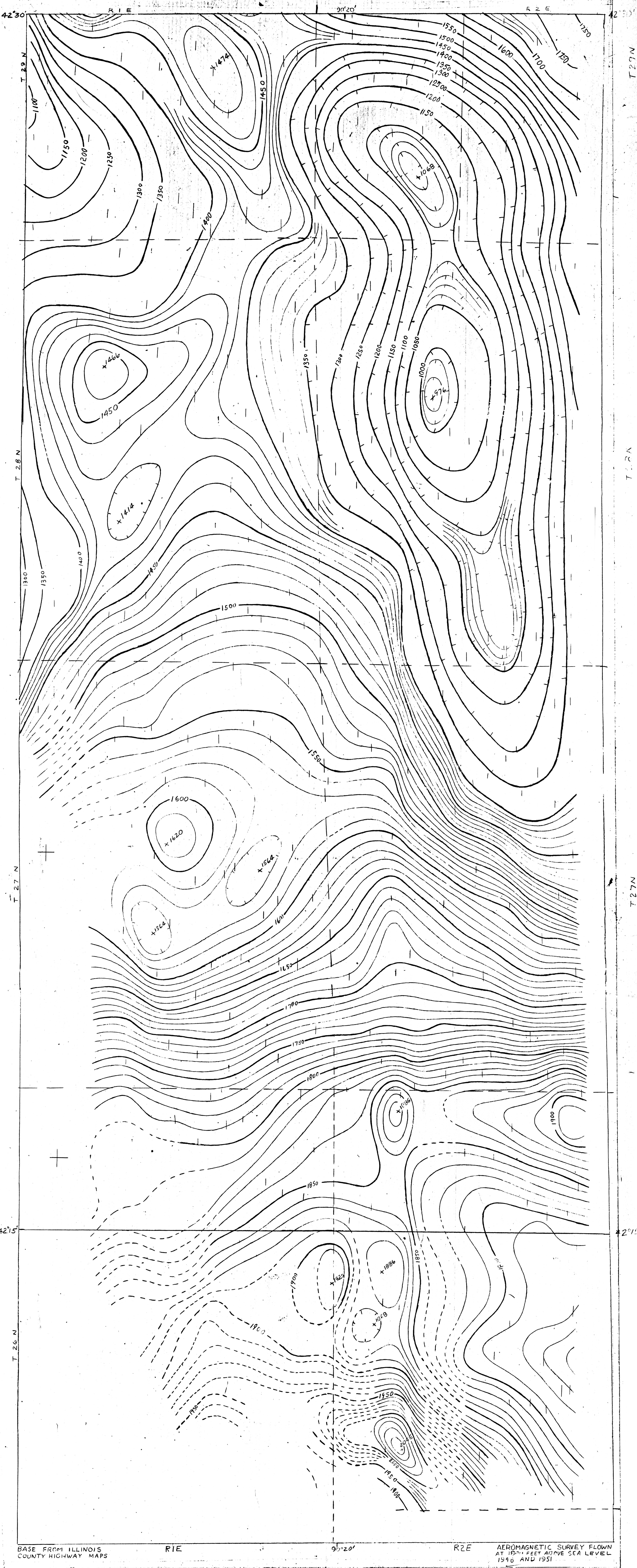
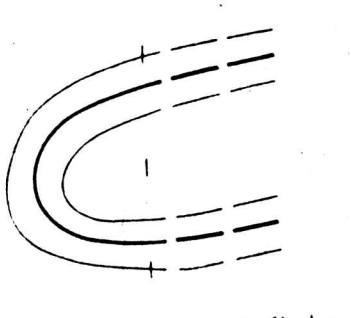


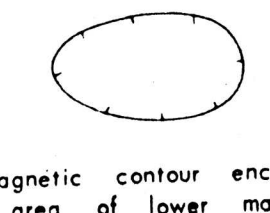
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY



EXPLANATION



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



Magnetic contour enclosing area of lower magnetic intensity

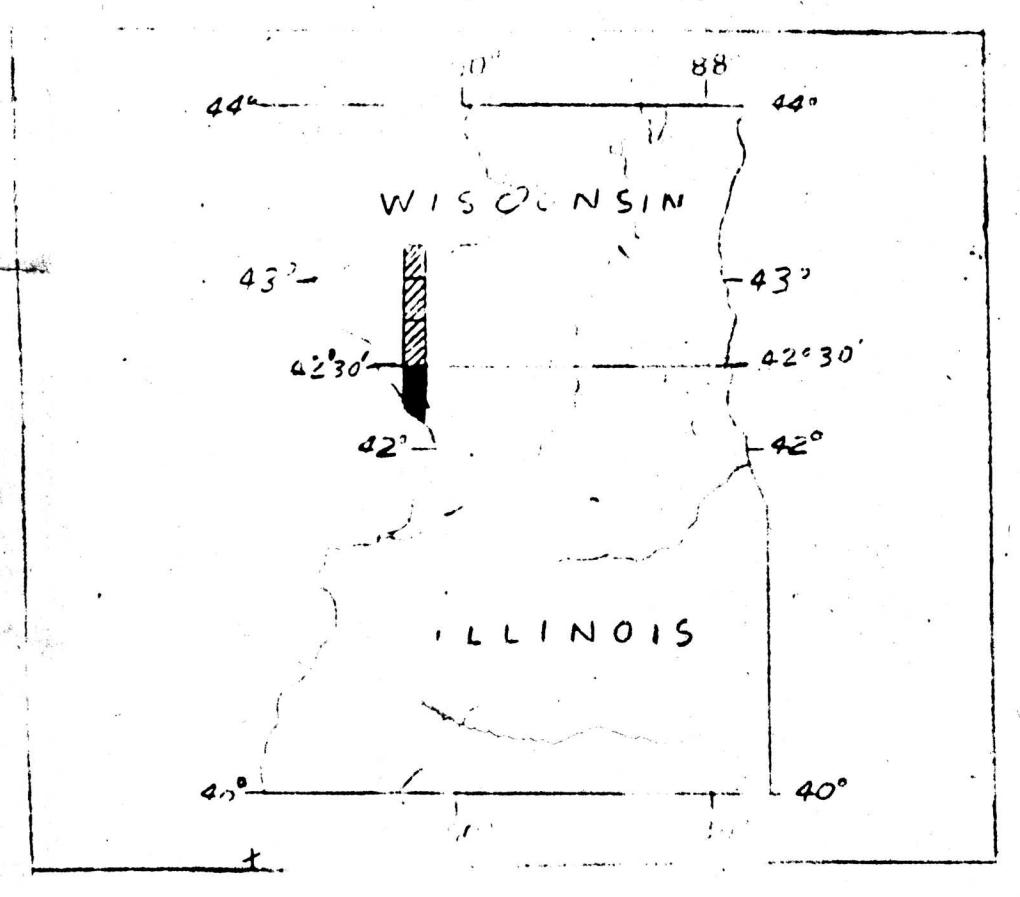
Measured maximum or minimum intensity within closed high or closed low

20

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 SHOWING AREA COVERED BY AEROMAGNETIC MAPS

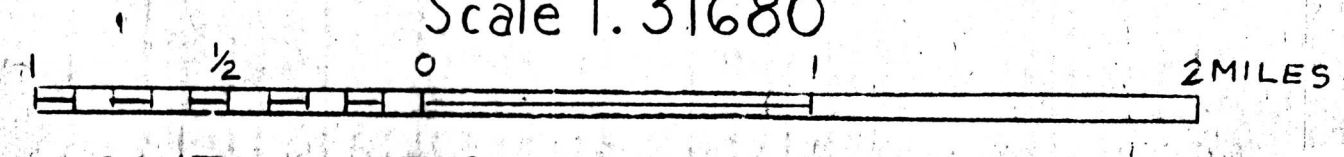


BASE FROM ILLINOIS COUNTY HIGHWAY MAPS R1E 91°20' R2E AEROMAGNETIC SURVEY FLOWN AT 1500 FEET ABOVE SEA LEVEL 1948 AND 1951

AEROMAGNETIC MAP OF PARTS OF THE
GALENA AND MILES QUADRANGLES,
JO DAVIESS COUNTY, ILLINOIS

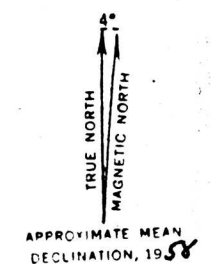
BY W.J. DEMPSEY AND J.R. KIRBY

Scale 1: 31680



CONTOUR INTERVAL 10 AND 50 GAMMAS

1958



This map is preliminary and has not been edited or revised for conformity to Geological Survey standards and nomenclature.

U. S. GEOLOGICAL SURVEY
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The extreme southern part of this report is superseded by USGS Bulletin 1242-A.