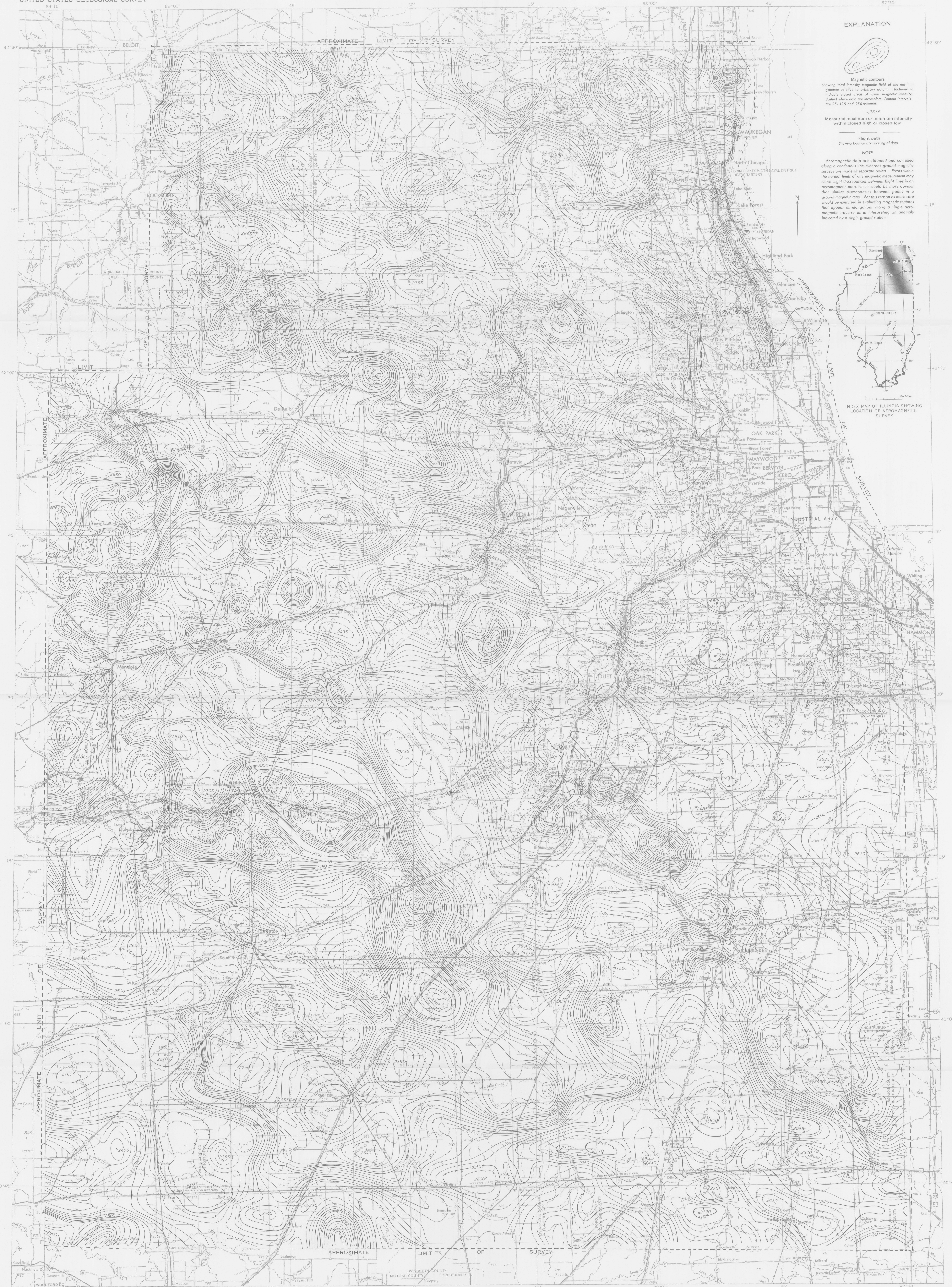


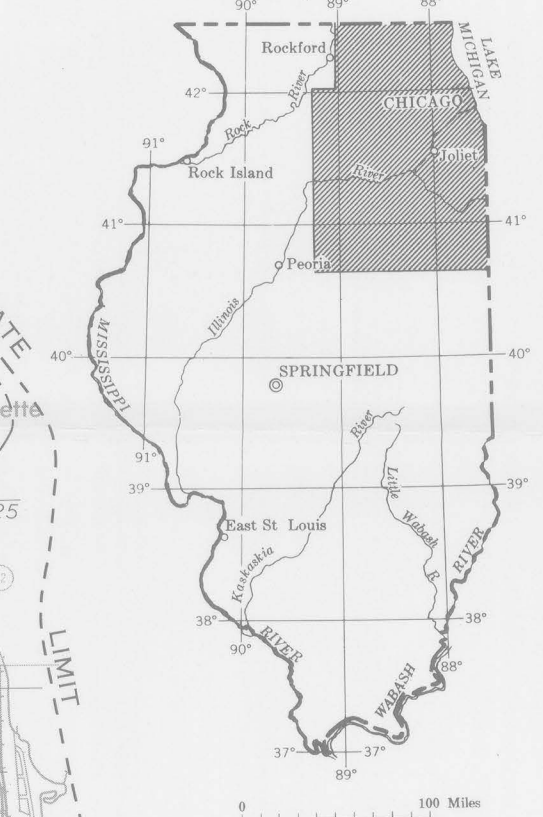


EXPLANATION

Magnetic contours
Showing total intensity magnetic field of the earth in gamma units relative to arbitrary datum. Contours to indicate closed areas of lower magnetic intensity; dashed where data are incomplete. Contour intervals are 25, 125 and 250 gamma.

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 of 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.



Base from Army Map Service 1:250,000 series:
Aurora, 1958; Chicago, 1953; Danville, 1953;
Peoria, 1958; Racine, 1958; and Rockford,
1958

AEROMAGNETIC MAP OF NORTHEASTERN ILLINOIS AND ITS GEOLOGIC INTERPRETATION

By
M. E. Beck, Jr.

SCALE 1:250 000

