DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-504

EXPLANATION

Magnetic contours showing 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. Contour interval 100 gammas

x5770

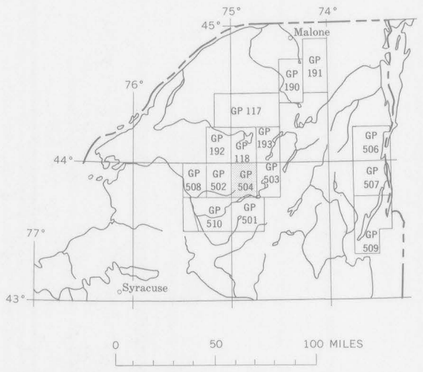
Measured maximum or minimum intensity within closed high or closed low

Flight path

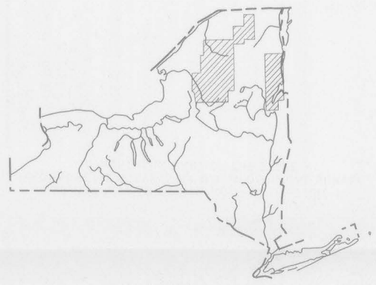
Showing location and spacing of data

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 NORTHERN NEW YORK SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY
AREA OF GP-504 SHADED



INDEX MAP OF NEW YORK SHOWING LOCATION OF AEROMAGNETIC SURVEYS BY U.S. GEOLOGICAL SURVEY IN NORTHERN PART OF THE STATE

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1965—G65068

Base by U.S. Geological Survey, 1954

Aeromagnetic survey flown at 1000 feet above ground, 1945

AEROMAGNETIC MAP OF THE BIG MOOSE QUADRANGLE HERKIMER AND HAMILTON COUNTIES, NEW YORK

By

James R. Balsley and Randolph W. Bromery

SCALE 1:62 500

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

DATUM IS MEAN SEA LEVEL

1965

For sale by U.S. Geological Survey, price 50 cents