DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-583

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 intervals are 20 and 100 gammas

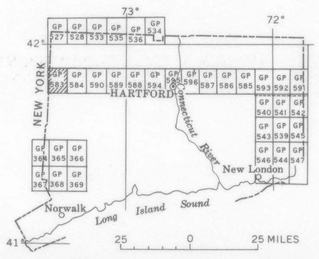
Location of measured maximum or minimum intensity within closed high or closed low

Flight path

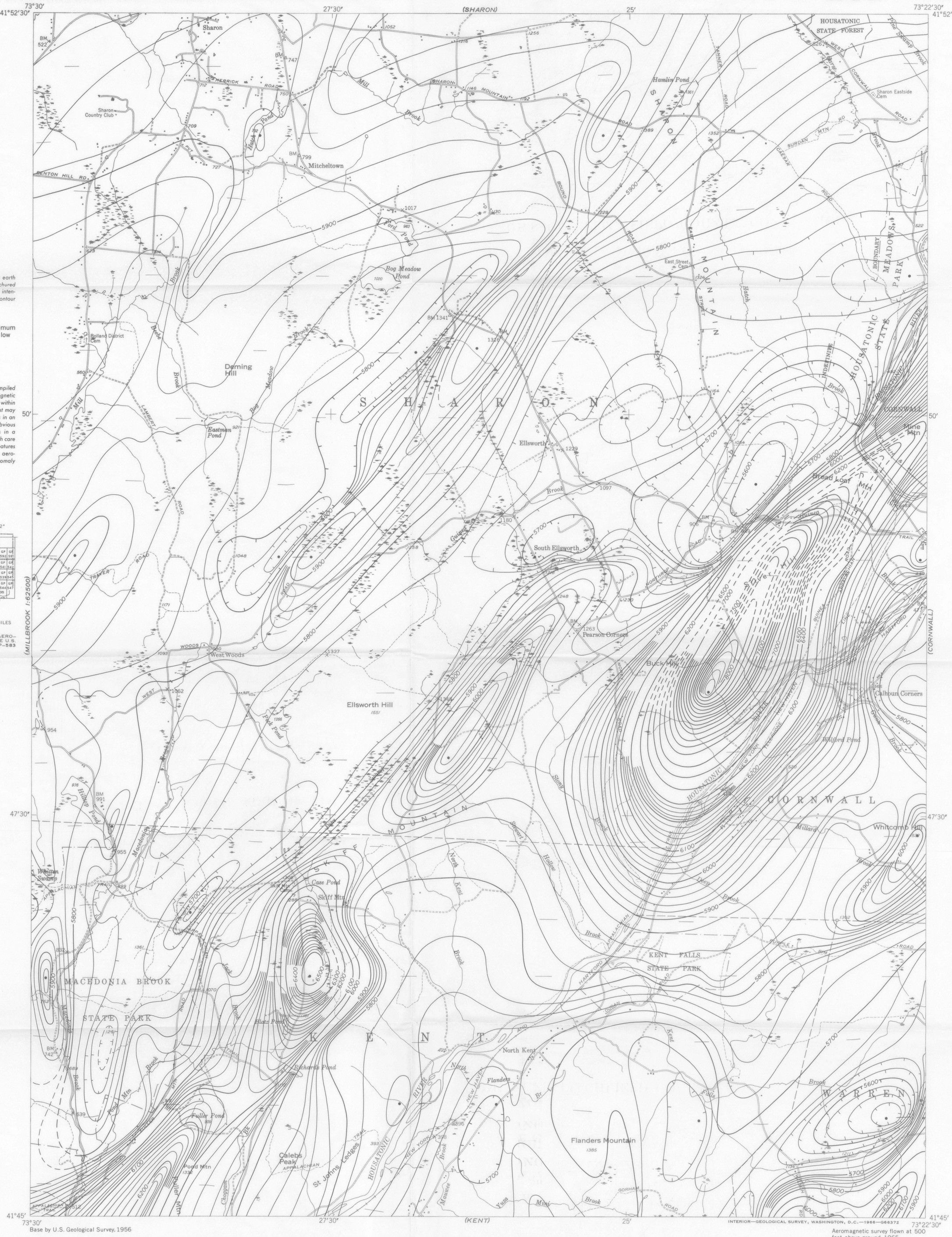
Showing location and spacing of data

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 CONNECTICUT SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-583 SHADED



Base by U.S. Geological Survey, 1956

Aeromagnetic survey flown at 500 feet above ground, 1965

AEROMAGNETIC MAP OF THE ELLSWORTH QUADRANGLE, LITCHFIELD COUNTY, CONNECTICUT

By

P. W. Philbin and C. W. Smith

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

1966

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