DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-465

EXPLANATION

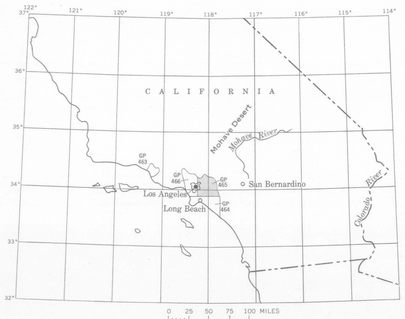
Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum
Hatched to indicate closed areas of lower magnetic intensity; dashed where data are incomplete

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 SOUTHERN CALIFORNIA SHOWING LOCATION OF GP'S 463, 464, 465, AND 466. AREA OF GP-465 SHADED

APPROXIMATE LIMIT OF SURVEY

Base from U.S. Geological Survey topographic quadrangles

AEROMAGNETIC MAP OF EASTERN LOS ANGELES AND VICINITY, CALIFORNIA

By
G. E. Andreasen, J. A. Pitkin, and F. A. Petrafeso

SCALE 1:48 000

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVALS 20 AND 100 GAMMAS

1964

APPROXIMATE MEAN DECLINATION, 1964

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Aeromagnetic survey flown at 500 feet above ground, 1959

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