DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-329

AEROMAGNETIC MAP OF LONG VALLEY AND NORTHERN OWENS VALLEY, CALIFORNIA

By
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SCALE 1:62 500

1 ½ 0 1 2 3 MILES

CONTOUR INTERVALS 10 AND 50 GAMMAS

1963

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

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 CALIFORNIA SHOWING LOCATION OF GP-329

Base map from U.S. Geological Survey topographic quadrangles

Aeromagnetic survey flown at 500 feet above ground, except where local topography required a higher flight elevation, 1956 and 1957

APPROXIMATE MEAN DECLINATION, 1963

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62206

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

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