

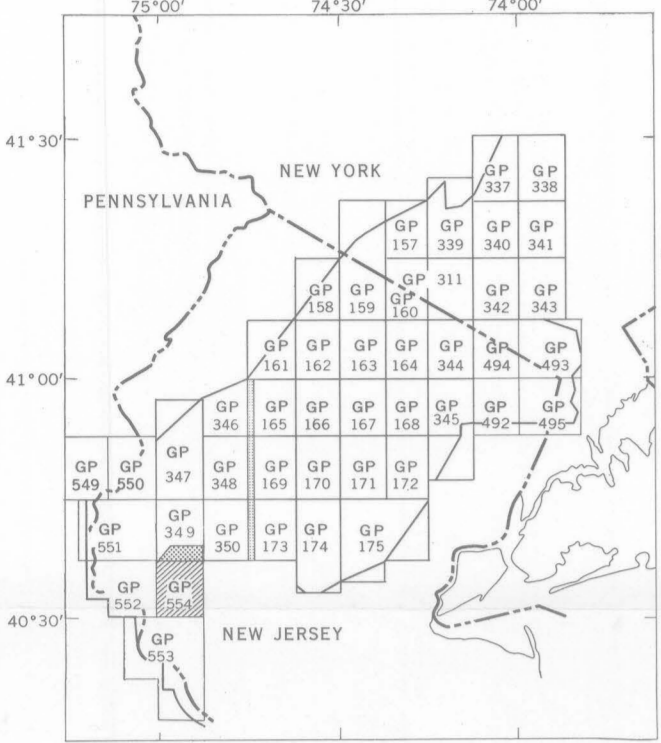
EXPLANATION

Magnetic contours
Showing total intensity magnetic field of the earth in gamma relative to arbitrary datum. Broken to indicate areas of lower magnetic intensity; dashed where data are incomplete. Contour interval is 50 gamma.

• 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 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



INDEX MAP SHOWING LOCATION OF AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY IN NEW JERSEY AND ADJACENT PARTS OF NEW YORK AND PENNSYLVANIA. AREA OF GP-554 SHADDED.

NOTE: GP-546, 548, 550, AND GP-554 ARE REFERRED TO GPS-485, 486, 487, AND 488 RESPECTIVELY IN THE OVERLAP ZONES SHOWN ABOVE.

Base from U.S. Geological Survey topographic quadrangles: High Bridge, 1954, and Pittstown, 1955

(STOCKTON)

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1946—G68407

Aeromagnetic survey flown at 500 feet above ground, 1963

**AEROMAGNETIC MAP OF THE PITTS TOWN AND PART OF THE HIGH BRIDGE QUADRANGLES
HUNTERDON COUNTY, NEW JERSEY**

By
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SCALE 1:24 000

