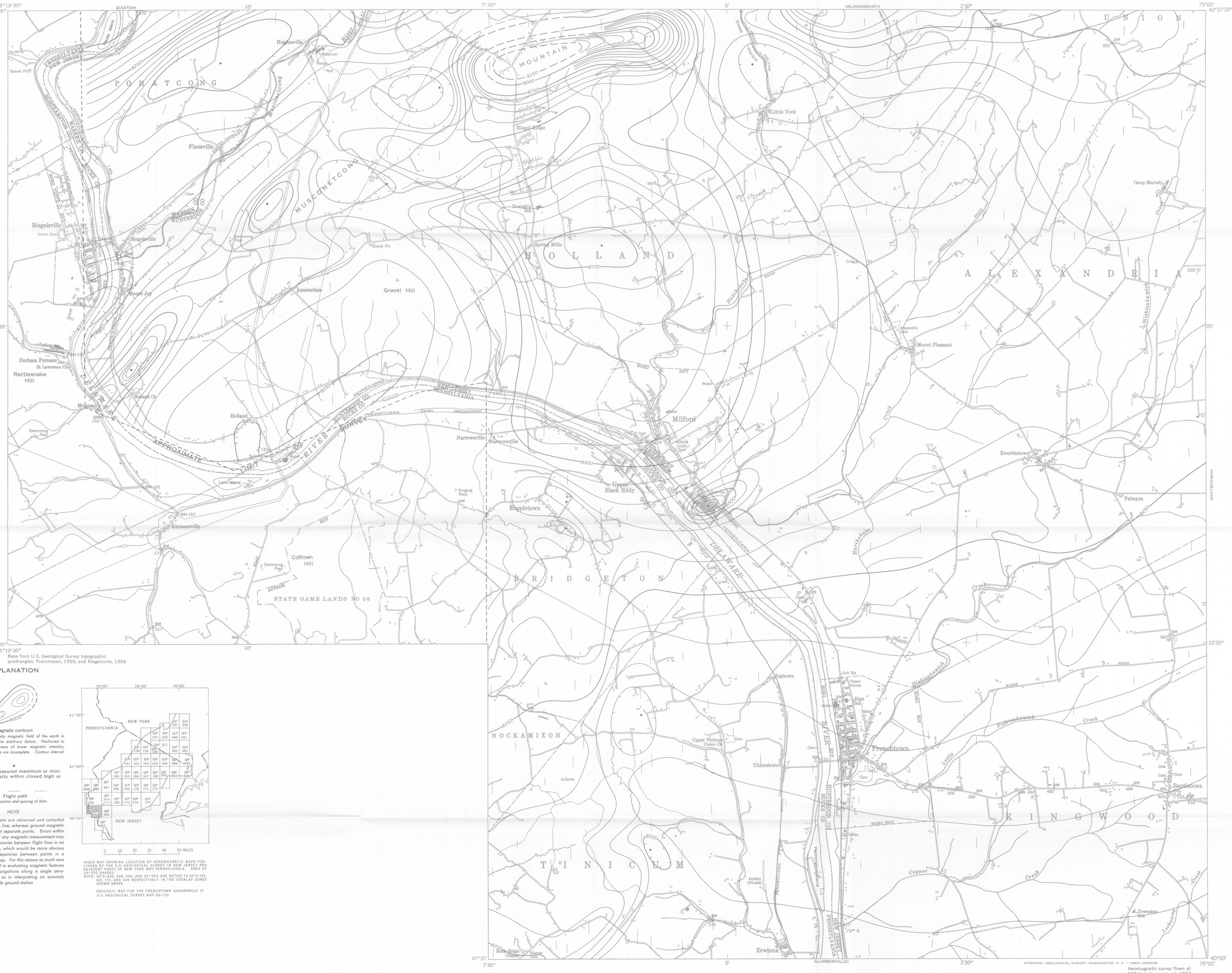

Base from U.S. Geological Survey topographic quadrangles: Frenchtown, 1955, and Riegelsville, 1956

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 is 50 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 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-552 SHADED.
NOTE: GP'S-346, 348, 350, AND GP-554 ARE RETIED TO GP'S-165, 169, 173, AND 349 RESPECTIVELY IN THE OVERLAP ZONES SHOWN ABOVE.

GEOLOGIC MAP FOR THE FRENCHTOWN QUADRANGLE IS U.S. GEOLOGICAL SURVEY MAP GQ-133

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966—G65405

Aeromagnetic survey flown at 500 feet above ground, 1963

AEROMAGNETIC MAP OF THE FRENCHTOWN AND PART OF THE RIEGELSVILLE QUADRANGLES, NEW JERSEY AND PENNSYLVANIA

By
G. R. Boynton, D. R. Pittillo, and G. L. Zandle

APPROXIMATE MEAN DECLINATION, 1966

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

1966

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