DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

GEOPHYSICAL INVESTIGATIONS
MAP GP-617

EXPLANATION

Magnetic contours

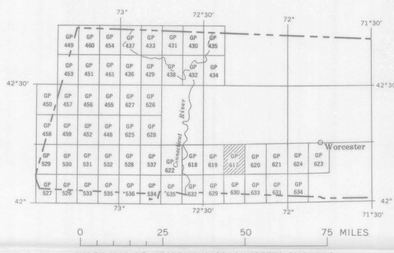
Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity, dashed where data are incomplete. Contour interval 20 gammas

×3650

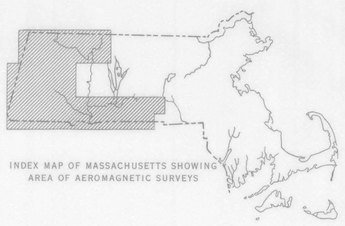
Location of measured maximum or minimum intensity withir closed high or closed low

Flight path

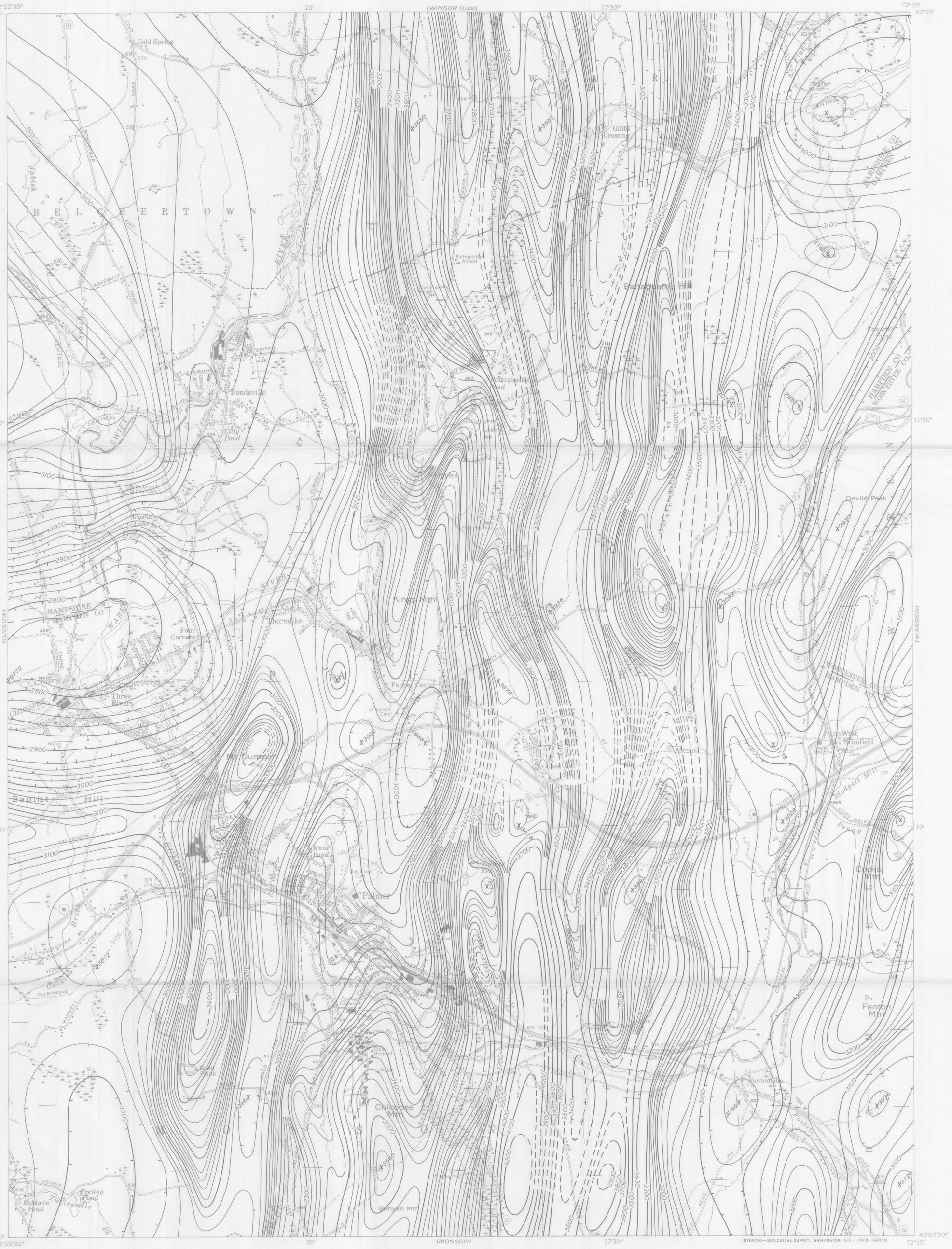
Showing location and spacing of data



INDEX MAP OF WESTERN MASSACHUSETTS SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-617 SHADED



INDEX MAP OF MASSACHUSETTS SHOWING AREA OF AEROMAGNETIC SURVEYS



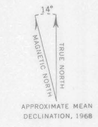
Base from U.S. Geological Survey, 1954

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

DATUM IS MEAN SEA LEVEL



APPROXIMATE MEAN DECLINATION, 1968

Aeromagnetic survey flown 500 feet above ground, 1959 by Peter Popenoe, and 1965 by P. W. Philbin. Compilation supervised by F. P. Gilbert

AEROMAGNETIC MAP OF THE PALMER QUADRANGLE, HAMPDEN HAMPSHIRE, AND WORCESTER COUNTIES, MASSACHUSETTS

1968

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1968—G68103

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