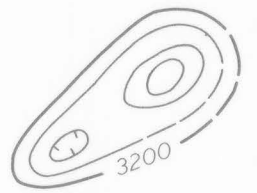


EXPLANATION



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

Measured maximum or minimum intensity within closed high or closed low

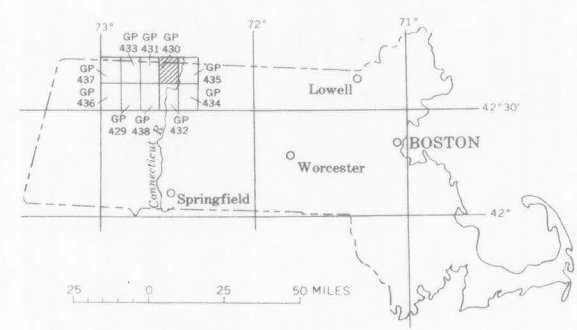


Flight path

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 MASSACHUSETTS SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-430 SHADED

72° 37' 30" Topographic base for GP-430 is Bernardston quadrangle, 1945

Aeromagnetic survey flown at 500 feet above ground, 1959 and 1961

AEROMAGNETIC MAP OF THE BERNARDSTON QUADRANGLE, FRANKLIN COUNTY MASSACHUSETTS, AND WINDHAM COUNTY, VERMONT

By
G. E. Andreasen and G. L. Zandle

