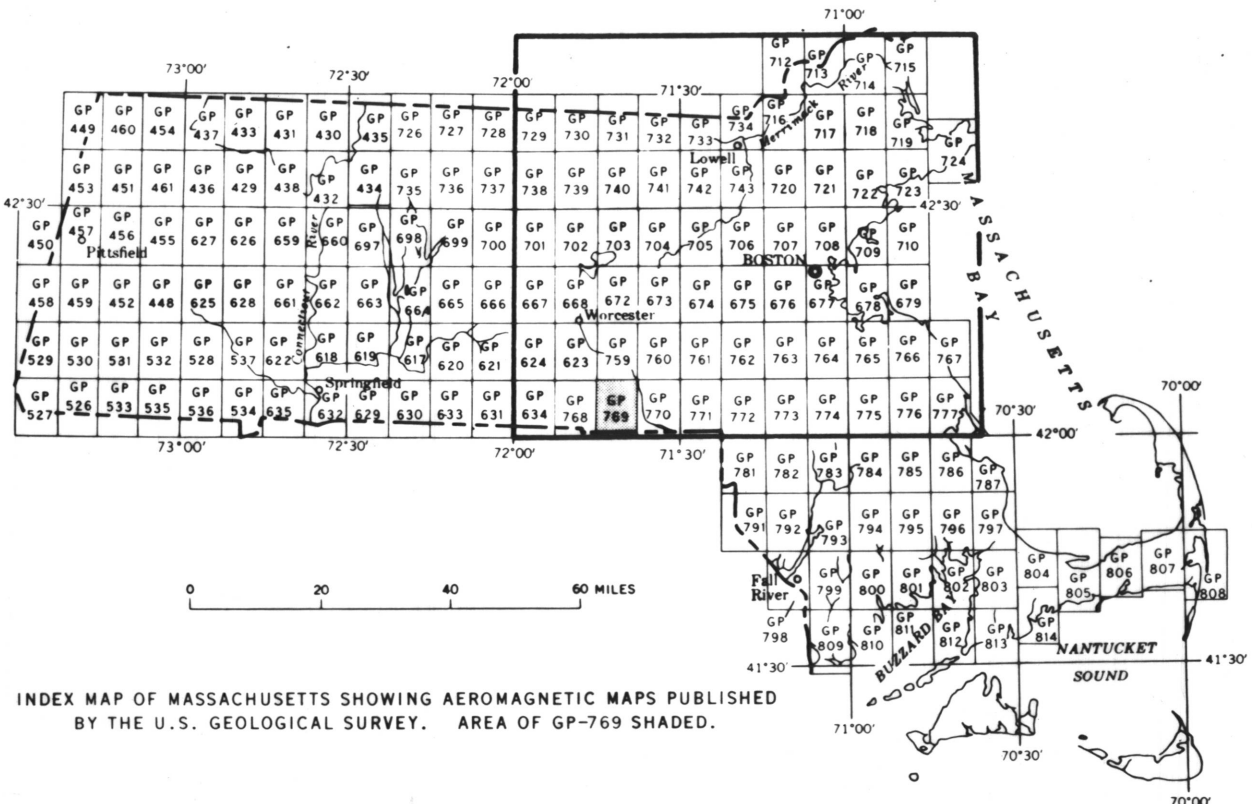


DIGITIZED AEROMAGNETIC MAP OF PART OF THE BOSTON 1° X 2° QUADRANGLE,
MASSACHUSETTS, NEW HAMPSHIRE, CONNECTICUT, RHODE ISLAND, AND MAINE

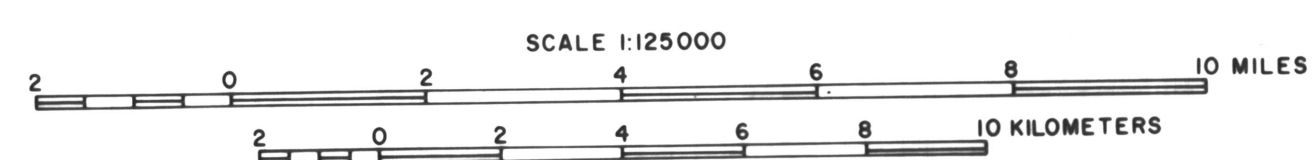
COMPILED BY

R. W. SIMPSON, J. H. HASSEMER, AND J. R. LINTON

1980



INDEX MAP OF MASSACHUSETTS SHOWING AEROMAGNETIC MAPS PUBLISHED
BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-749 SHADED.



EXPLANATION



Magnetic contours showing total intensity magnetic field of the earth in gammas relative to an arbitrary datum adjusted to coincide with that of the digitized maps. The main magnetic field of the earth from Zeuda (1971) has been removed. Contour interval is 100 gammas. UTM projection with central meridian at 69°W. Many of the small, high amplitude anomalies are produced by cultural features such as bridges and buildings. The individual Geophysical Investigation maps should be consulted for details.

SOURCES OF DATA

Prepared from data digitized from the U.S. Geological Survey. Geophysical Investigation (GP) maps indicated on the index map. Magnetic surveys by the U.S.G.S. in 1965 to 1968 were flown at 400 to 500 feet above ground level at 0.5 mile flight spacing.

REFERENCES CITED

Zeuda, A. J., 1971, The International Geomagnetic Reference Field 1965-0, in Zeuda, A. J., ed., World Magnetic Survey, 1957-1969: Bulletin International Association of Geomagnetism and Aeronomy, 28, p. 147-206.

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.