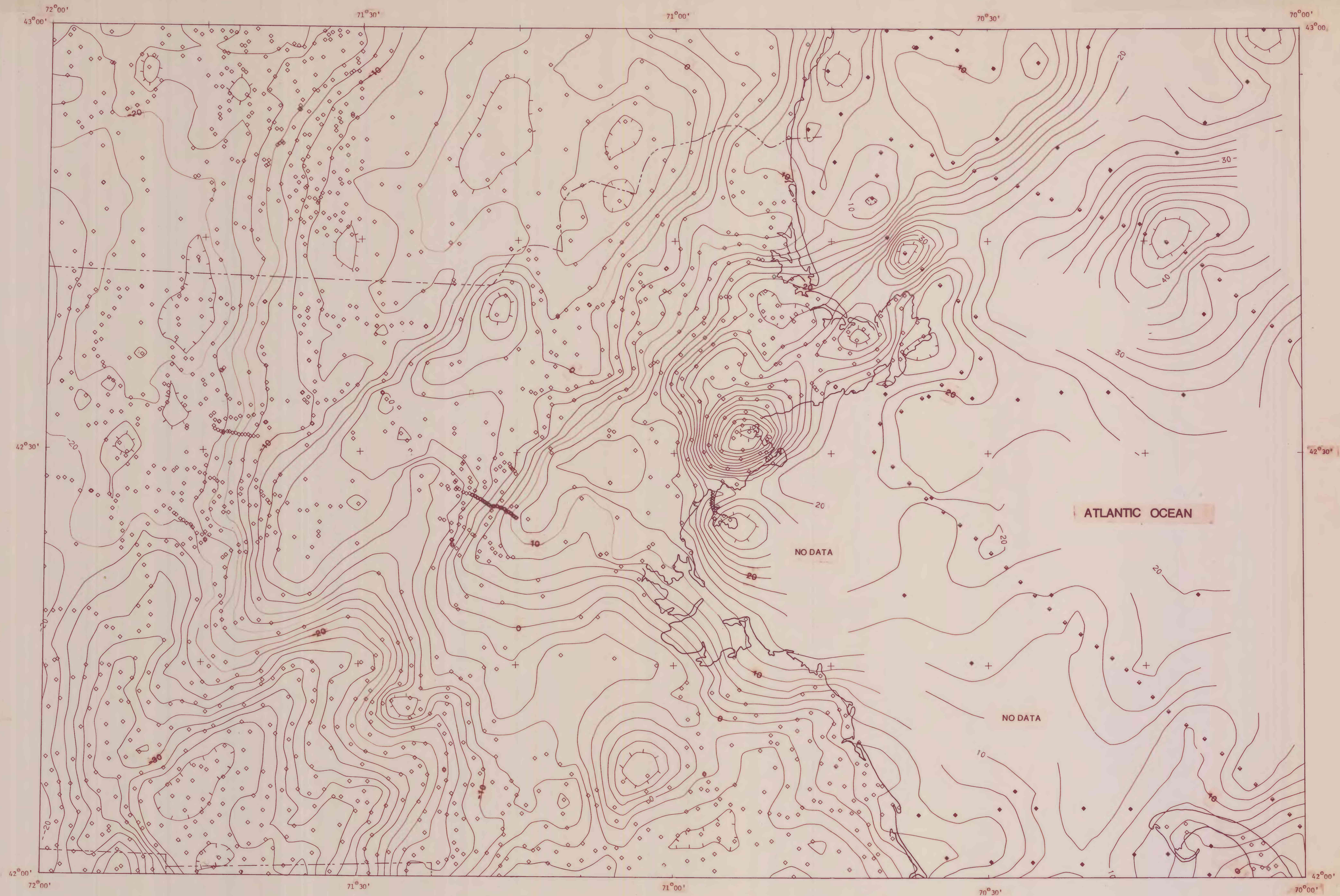
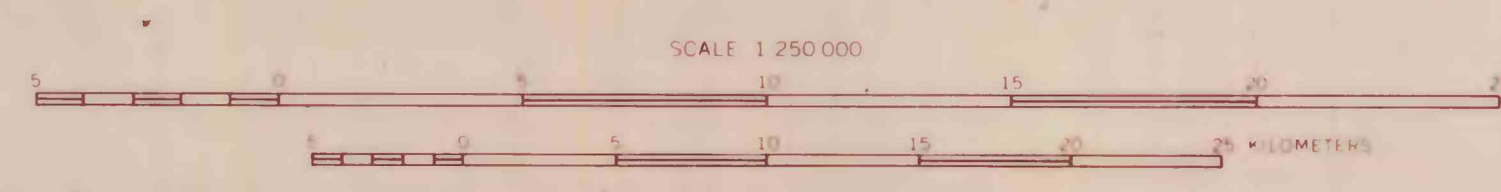


INDEX MAP OF THE BOSTON 1°x2° QUADRANGLE
SHOWING LOCATION OF THIS REPORT



DATA SOURCES AND REFERENCES

1. J. Aleinikoff (written commun., 1977).
2. Bothner, W. A., 1977, Gravity study of Cap Cod Bay: U.S. Geol. Survey Open File Report 77-497.
3. Bothner, W. A., and Harrower, K. L., 1973, Gravity survey of the Cape Neddick Complex and associated offshore anomaly in southern Maine: Geol. Soc. America Abs. with Programs, v. 5, p. 140.
4. Bromery, R. W., 1967, Simple Bouguer gravity map of Massachusetts: U.S. Geol. Survey Geophys. Inv. Map GP-612.
5. Department of Defense Gravity Library, St. Louis, MO.
6. Godson, R., (unpub. documentation, 1978), Gravity Reduction System: U.S. Geol. Survey.



PRELIMINARY COMPLETE BOUGUER GRAVITY MAP OF THE BOSTON 1° X 2° QUADRANGLE, MASSACHUSETTS

BY
WALLACE A. BOTHNER

1978

EXPLANATION

- 30 - Bouguer gravity contours--contour interval 2 mgals, relative to the 1967 International Gravity Formula. Hachured to show closed areas of lower or higher gravity.
- ◇ Gravity station--open diamond
- ◊ indicates land; closed, sea-bottom; and half, dynamic sea-surface gravity measurement.

Terrain corrections calculated from station to 166.7 km using modification of program by D. Plouff (1977).
Computer contoured map based on 2 km gridded data; Transverse Mercator Projection, central meridian, 69°W, zone 19.

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