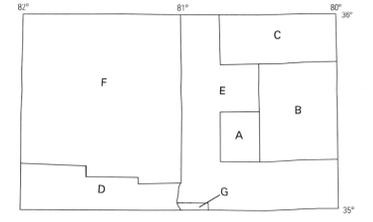


EXPLANATION



MAGNETIC CONTOURS
Showing total intensity magnetic field of the earth in gammas relative to an arbitrary datum. Hachures indicate areas of lower intensity. The main magnetic field of the earth (Fabiano and Peddie, 1969; Barraclough and Fabiano, 1977) has been removed. Contour interval 100 gammas



INDEX MAP SHOWING AEROMAGNETIC SURVEYS

All flights were east-west and 500 feet above ground. The flight line spacing and survey sources are listed below.

- A. 1/2 mile, Bates and Bell, 1965
- B. 1/2 mile, Henderson and Gilbert, 1966
- C. 1 mile, U.S. Geological Survey, 1977a
- D. 1 mile, U.S. Geological Survey, 1977b
- E. 1 mile, U.S. Geological Survey, 1977c
- F. 1 mile, U.S. Geological Survey, 1978a
- G. 1 mile, U.S. Geological Survey, 1978b



QUADRANGLE LOCATION

REFERENCES

Barraclough, D. R., and Fabiano, E. B., 1977, Grid values and charts for the IGRF 1975.0: International Association of Geomagnetism Aeronomy Bulletin 38.

Bates, R. G., and Bell, Henry, III, 1965, Geophysical investigations in the Concord quadrangle, Cabarrus and Mecklenburg Counties, North Carolina: U.S. Geological Survey Geophysical Investigations Map GP-522, scale 1:48,000, text 3 p.

Fabiano, E. B., and Peddie, N. W., 1969, Grid values of total magnetic intensity, IGRF-1965: U.S. ESSA Technical Report C and GS 38, 55 p.

Henderson, J. R., and Gilbert, F. P., 1966, Aeromagnetic map of the Mount Pleasant, Albemarle, Denton, and Salisbury quadrangles, west-central North Carolina: U.S. Geological Survey Geophysical Investigations Map GP-581, scale 1:62,500.

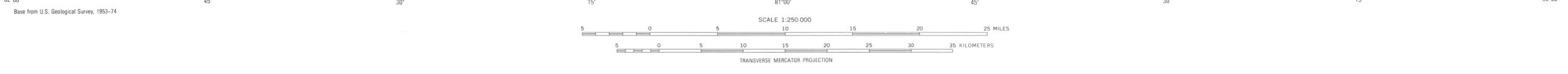
U.S. Geological Survey, 1977a, Aeromagnetic map of north-central North Carolina: U.S. Geological Survey Open-File Map 77-192, scale 1:250,000.

1977b, Aeromagnetic map of Spartanburg and vicinity, South Carolina: U.S. Geological Survey Open-File Map 77-252, scale 1:250,000.

1977c, Aeromagnetic map of Charlotte and vicinity, North Carolina: U.S. Geological Survey Open-File Map 77-723, scale 1:250,000.

1978a, Aeromagnetic map of West Charlotte, North Carolina: U.S. Geological Survey Open-File Map 78-1088, scale 1:250,000.

1978b, Aeromagnetic map of northwestern South Carolina: U.S. Geological Survey Open-File Map 78-847, scale 1:250,000.



AEROMAGNETIC MAP OF THE CHARLOTTE 1° X 2° QUADRANGLE, NORTH CAROLINA AND SOUTH CAROLINA

By
David L. Daniels and Isidore Zietz
1981

Blackline copies of this map on transparent scale-stable material are available at cost from the National Cartographic Information Center, Mail Stop 507, U.S. Geological Survey, Reston, VA 22092

For sale by Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202