

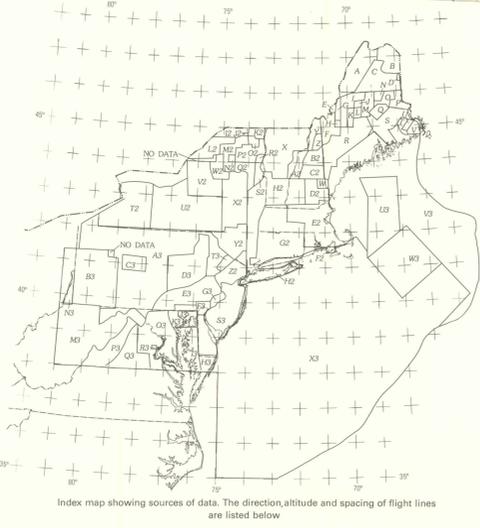
EXPLANATION

GAMMAS

- 1800 and above
- 1600-1800
- 1400-1600
- 1200-1400
- 1000-1200
- 800-1000
- 600-800
- 400-600
- 200-400
- 0-200
- 0 and below

MAGNETIC CONTOURS
Showing total intensity magnetic field of the earth in hundreds of gammas relative to arbitrary datum. Dashed where inferred; hachured to indicate areas of lower magnetic intensity. Main magnetic field of the earth from Barrois and Fabiano (1975) has been removed from areas L2, K2, L2, V2, S3, and V3; main magnetic field of the earth from Fabiano and Peddie (1969) has been removed from all remaining areas. Contour interval 200 gammas.

BATHYMETRIC CONTOUR
—1000 M—
Depths in meters



Base from U.S. Geological Survey, 1980

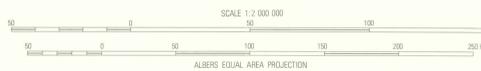
NO DATA

- A Northwest-Southeast, 2500 feet barometric, 10 mile (Zietz and others, 1972)
- B North-South, 2500 feet barometric, 2.4 mile (Zietz and others, 1972)
- C East-West, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- D North-South, 500 feet above ground, 1/4 mile (Zietz and others, 1972)
- E Northwest-Southeast, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- F North-South, 3500 feet barometric, 1/2 mile (Zietz and others, 1972)
- G North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- H East-West, 500 feet above ground, 1/4 mile (Zietz and others, 1972)
- I East-West, 1000 feet above ground, 2 mile (Zietz and others, 1972)
- J North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- K North-South, 750 feet above ground, 1/4 mile (Zietz and others, 1972)
- L East-West, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- M North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- N North-South, 500 feet above ground, 1/4 mile (Zietz and others, 1972)
- O Northwest-Southeast, 2500 feet barometric, 5 mile (Zietz and others, 1972)
- P North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- Q Northwest-Southeast, 500 feet above ground, 1/4 to 1/2 mile (Zietz and others, 1972)
- R Northwest-Southeast, 2500 feet barometric, 6 mile (Zietz and others, 1972)
- S Northwest-Southeast, 500 feet barometric, 1/2 mile (Zietz and others, 1972)
- T Northwest-Southeast, 2500 feet barometric, 5 mile (Zietz and others, 1972)
- U East-West, 500 feet above ground, 1/2 mile (Zietz and others, 1972)
- V East-West, 400 feet above ground, 1/2 mile (Zietz and others, 1972)
- W East-West, 750 feet above ground, 1/2 mile (Zietz and others, 1972, 1979a)
- X East-West, 4000 feet barometric, 2 mile (Zietz and others, 1979a)
- Y North-South, 3500 feet barometric, 1/2 mile (Zietz and others, 1979a)
- Z North-South, 1000 feet above ground, 1/2 mile (Zietz and others, 1979a)

- D2 East-West, 2300 feet barometric, 1/2 mile (Zietz and others, 1979a)
- E2 East-West, 400 feet above ground, 1/2 mile (Zietz and others, 1979a)
- F2 North-South, 400 feet above ground, 1/2 mile (Zietz and others, 1979a)
- G2 East-West, 500 feet above ground, 1/2 mile (Zietz and others, 1979a, Zietz and Gilbert, 1980)
- H2 East-West, 500 feet above ground, 1 mile (Zietz and others, 1979a, Zietz and Gilbert, 1980)
- I2 East-West, 1700 feet barometric, 1 mile (Zietz and Gilbert, 1980)
- J2 East-West, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- K2 East-West, 1700 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- L2 East-West, 500 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- M2 North-South, 1000 feet above ground, 1/4 mile (Zietz and Gilbert, 1980)
- N2 North-South, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- O2 East-West, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- P2 East-West, 1000 feet above ground, 1 mile (Zietz and Gilbert, 1980)
- Q2 North-South, 1000 feet above ground, 1 mile (Zietz and Gilbert, 1980)
- R2 East-West, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- S2 North-South, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- T2 East-West, 1000 feet above ground, 2 mile (Zietz and Gilbert, 1980)
- U2 East-West, 3000 feet barometric, 2 mile (Zietz and Gilbert, 1980)
- V2 East-West, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- W2 East-West, 1000 feet above ground, 1/2 mile (Zietz and Gilbert, 1980)
- X2 North-South, 500 feet above ground, 1 mile (Zietz and Gilbert, 1980)
- Y2 East-West, 3000 feet barometric, 2 mile (Zietz and Gilbert, 1980)
- Z2 North-South, 500 feet above ground, 1/2 mile (Zietz and Gilbert, 1980; Zietz and others, 1979b)

- D3 North-South, 3000 feet barometric, 2 mile (Zietz and others, 1979b)
- E3 North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1979b)
- F3 North-South, 1000 feet above ground, 1/2 mile (Zietz and others, 1979b)
- G3 North-South, 1000 feet barometric, 1 mile (Zietz and others, 1979b)
- H3 East-West, 1000 feet barometric, 1 mile (Zietz and others, 1979b)
- I3 East-West, 1200 feet barometric, 1 mile (Zietz and others, 1979b)
- J3 North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1979b)
- K3 East-West, 400 feet above ground, 1/2 mile (Zietz and others, 1979b)
- L3 North-South, 1000 feet above ground, 1 mile (Zietz and others, 1979b)
- M3 North-South, 1000 feet above ground, 1/2 mile (Zietz and others, 1979b)
- N3 North-South, 1000 feet above ground, 1 mile (Zietz and others, 1979b)
- O3 East-West, 500 feet above ground, 1 mile (Zietz and others, 1977)
- P3 North-South, 500 feet above ground, 1/2 mile (Zietz and others, 1977)
- Q3 East-West, 500 feet above ground, 1 mile (USGS, 1979a)
- R3 East-West, 400 feet above ground, 3 mile (LKB Resources Inc., 1978)
- S3 North-South, 2500 feet barometric, 1/2 mile (USGS, 1979b)
- T3 North-South, 2500 feet barometric, 500 feet above ground, 5 mile (Taylor and others, 1968)
- U3 Northwest-Southeast, 1500 feet barometric, 1 1/2 mile (Kilgord and Behrendt, 1977)
- W3 Northwest-Southeast, 1500 feet barometric, 2 mile (Kilgord and Behrendt, 1977)

- REFERENCES CITED**
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- Fabiano, E. B., and Peddie, M. W., 1969, Grid values of total magnetic intensity, IGRF-1965: U.S. Coast and Geodetic Survey Technical Report 38, 55 p.
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- Taylor, P. T., Zietz, Isidore, and Dennis, L. S., 1968, Geologic implications of aeromagnetic data from the eastern continental margin of the United States: *Geophysics*, v. 33, no. 4, p. 755-780.
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AEROMAGNETIC MAP OF THE NORTHEASTERN UNITED STATES: IN COLOR

By
Isidore Zietz and Francis P. Gilbert
1981