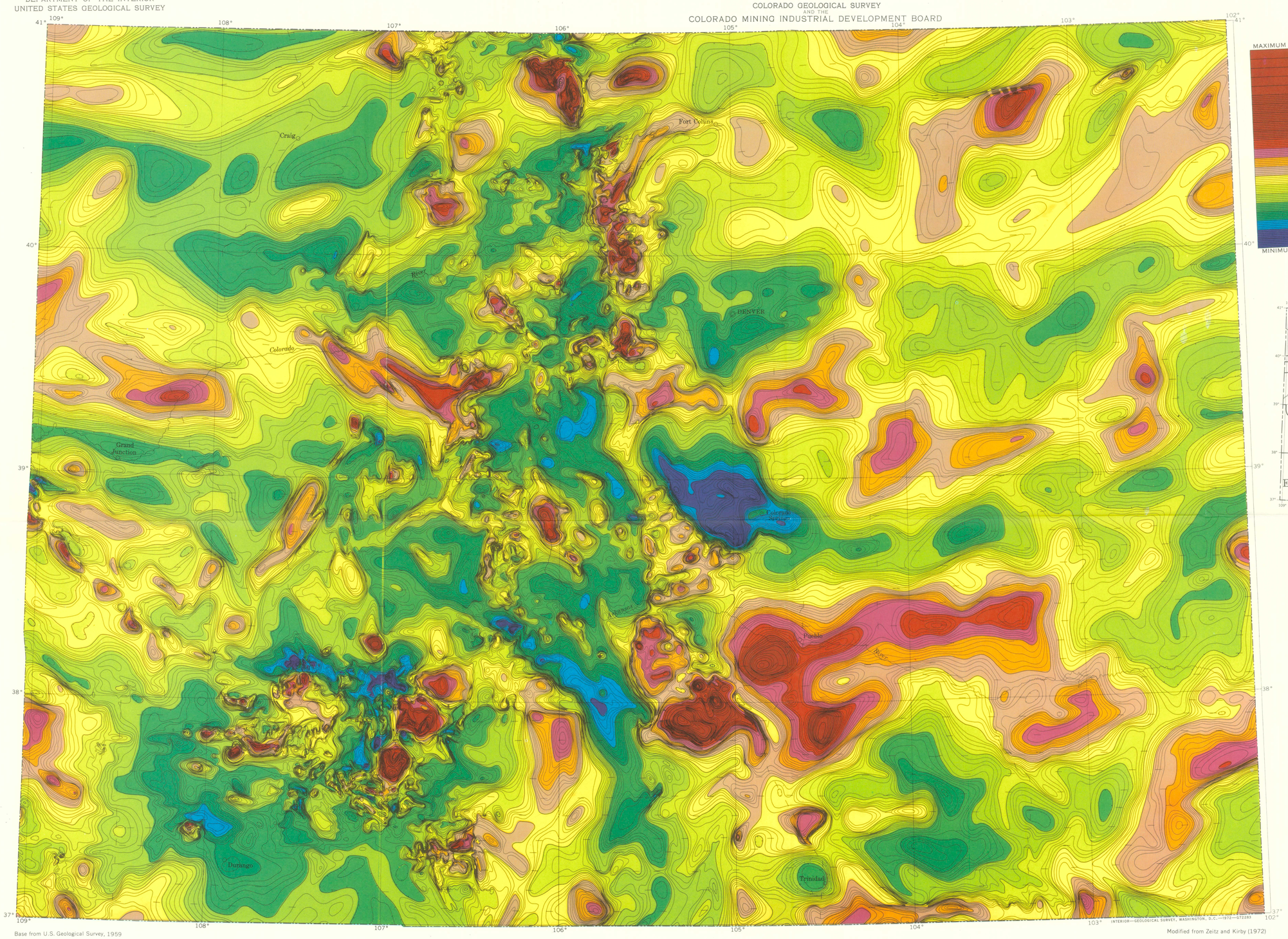
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
COLORADO GEOLOGICAL SURVEY
AND THE
COLORADO MINING INDUSTRIAL DEVELOPMENT BOARD

GEOPHYSICAL INVESTIGATIONS
MAP GP-880



Base from U.S. Geological Survey, 1959

Modified from Zeitz and Kirby (1972)

SCALE 1:1 000 000

25 0 25 50 75 MILES

25 0 25 50 75 100 125 KILOMETERS

LAMBERT CONFORMAL CONIC PROJECTION

Contour intervals 20 and 100 gammas

AEROMAGNETIC MAP OF COLORADO

By

Isidore Zietz and John R. Kirby, Jr.

1972

EXPLANATION

Magnetic contours

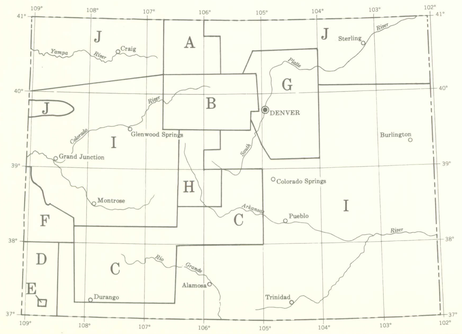
Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Main magnetic field of the earth from Fabiano and Peddie (1969) has been removed. Contour intervals 20 and 100 gammas

REFERENCES CITED

Fabiano, E. B., and Peddie, N. W., 1969, Grid values of total magnetic intensity IGRP-1965: U.S. ESSA Tech. Rept. C&GS 38, 55p

Petty, A. J., Vargo, J. L., and Smith, F. C., 1966, Aeromagnetic map of the Denver area, Colorado: U.S. Geol. Survey Geophys. Inv. Map GP-557.

Zietz, Isidore, and Kirby, J. R., 1972, Aeromagnetic map of Colorado: U.S. Geol. Survey Geophys. Inv. Map GP-836, scale 1:500,000.



INDEX MAP SHOWING SOURCES OF DATA

0 50 100 150 MILES

SOURCES OF DATA

Total intensity aeromagnetic surveys by the U.S. Geological Survey at 1 mile spacing with the different flight elevations listed below.

- A. 13,000 feet barometric
- B. 14,000 feet barometric
- C. 14,500 feet barometric
- D. 8,500 feet barometric
- E. 10,000 feet barometric
- F. 500 feet above ground
- G. 500 feet above ground

A total intensity aeromagnetic survey by the U.S. Geological Survey at 2 mile spacing and 14,500 feet barometric elevation (H)

A total intensity aeromagnetic survey by the U.S. Geological Survey at 5 mile spacing and 14,500 barometric elevation (I)

A total intensity aeromagnetic survey by the U.S. Naval Oceanographic Office at approximately 5 mile spacing and between 14,000 and 16,000 feet barometric elevation (J)

Note: Contours in area G are generalized from Petty and others (1966)

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For sale by U.S. Geological Survey, price 75 cents