DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
NEVADA BUREAU OF MINES AND GEOLOGY

MISCELLANEOUS FIELD STUDIES
MAP MF–902
ZIETZ, STEWART, GILBERT AND KIRBY–
GEOPHYSICAL INVESTIGATIONS
SHEET 1 OF 2

EXPLANATION

15

MAGNETIC CONTOURS

Showing total intensity magnetic field of the earth in gammas relative to an arbitrary datum. Hachured to indicate areas of lower magnetic intensity. Main magnetic field of the earth from Fabiano and Peddie (1969) has been removed. Contour intervals 20 and 200 gammas.

INDEX MAP SHOWING SOURCES OF DATA

SOURCES OF DATA

Total intensity aeromagnetic surveys by the U.S. Geological Survey with the different flight elevations, spacings, and directions listed below:

A. 9,000 feet barometric, 2 mile, E–W (A–1, U.S. Geol. Survey, 1972a; A–2, U.S. Geol. Survey, 1972b)
B. 1,000 feet above ground, ½ mile, E–W (U.S. Geol. Survey, 1964); 9,000 feet barometric, 1 mile, N–S (U.S. Geol. Survey, 1967a, b, c, and d; 1968a, c, e, f, g, h, i, j, k, and l; 1970, 1973a, b, d, and e)
C. 12,000 feet barometric, 5 mile, N–S (unpublished data)
D. 9,000 feet barometric, 1 mile, N–S (Robertson, 1970)
E. 9,000 feet barometric, 1 mile, N–S (Davis and Stewart, 1970)
F. 9,000 feet barometric, 1 mile, F–1 N–S (U.S. Geol. Survey, 1968b), F–2 E–W (U.S. Geol. Survey, 1969)
G. 9,000 to 15,000 feet barometric, 1 mile, E–W (G–1, U.S. Geol. Survey, 1971a; G–2, U.S. Geol. Survey, 1971b; G–3, U.S. Geol. Survey, 1971c)
H. 500 and 1,000 feet above ground, 1 mile, E–W (U.S. Geol. Survey, 1968d)
I. 11,500 feet barometric, 1 mile, N–S (I–1, U.S. Geol. Survey, 1976c; I–2, U.S. Geol. Survey, 1976d; I–3, U.S Geol. Survey, 1976e)
J. 9,000 feet barometric, 1 mile, N–S (J–1, U.S. Geol. Survey, 1973c: J–2, U.S. Geol. Survey, 1976a)
K. 12,500 feet barometric, 5 mile, E–W (unpublished data)
L. 8,000 feet barometric, ½ mile, E–W (Boynton and Vargo, 1963a and b; Boynton and others, 1963a and b; and Philbin and White, 1965a, b, c, d, e, f, g, h, i, and j)
M. 12,000 feet barometric, 1 mile, N–S (U.S. Geol. Survey, 1976b)
N. 9,000 feet barometric, 3 mile, E–W (U.S. Geol. Survey, 1975)

INDEX MAP OF NEVADA SHOWING COUNTIES AND PLACE NAMES MENTIONED IN TEXT

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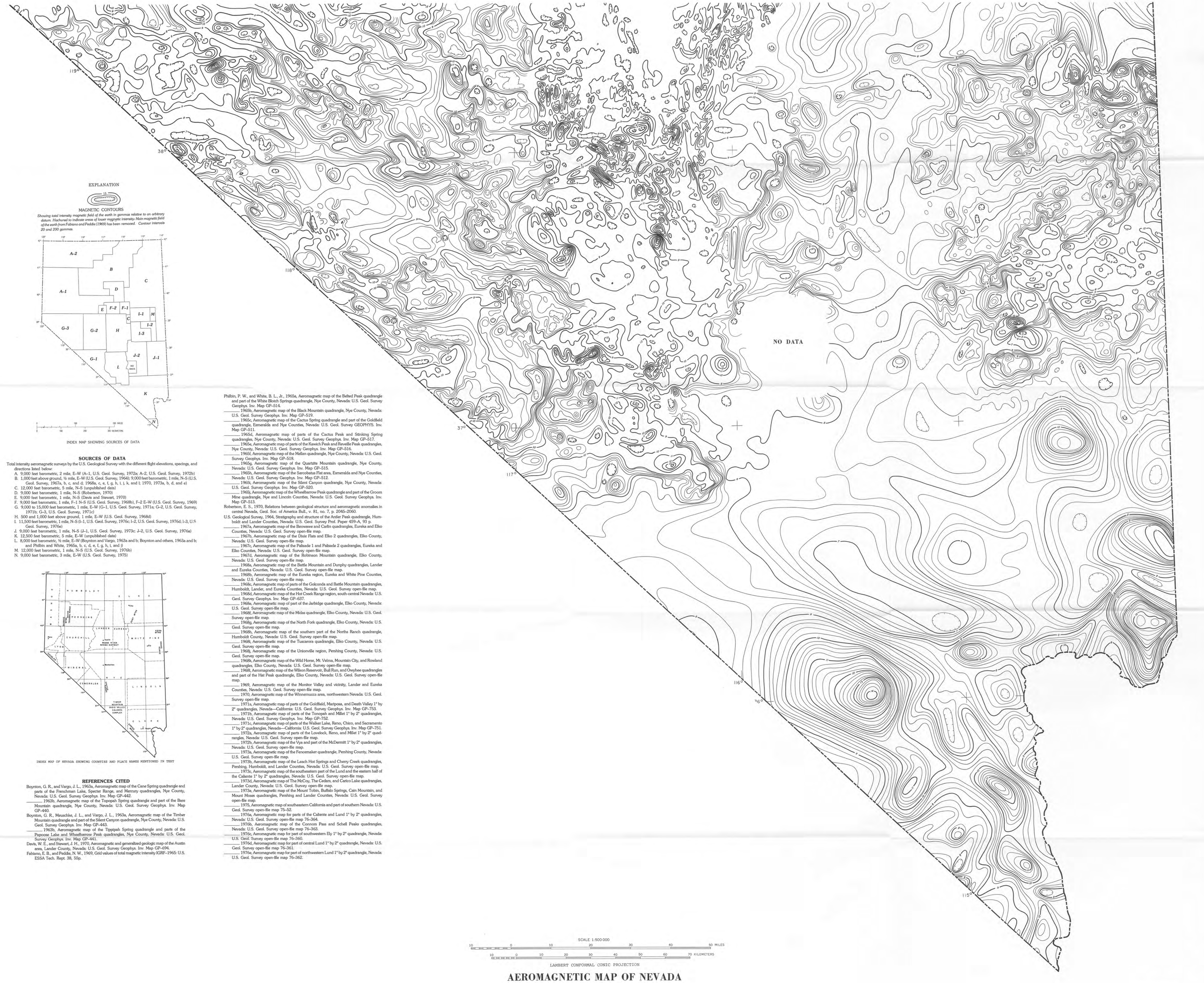

SCALE 1:500 000

10 0 10 20 30 40 50 MILES

10 0 10 20 30 40 50 60 70 KILOMETERS

LAMBERT CONFORMAL CONIC PROJECTION

AEROMAGNETIC MAP OF NEVADA

By

Isidore Zietz, John H. Stewart, Francis P. Gilbert, and John R. Kirby

1977

Interior—Geological Survey, Reston, Virginia—1977

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