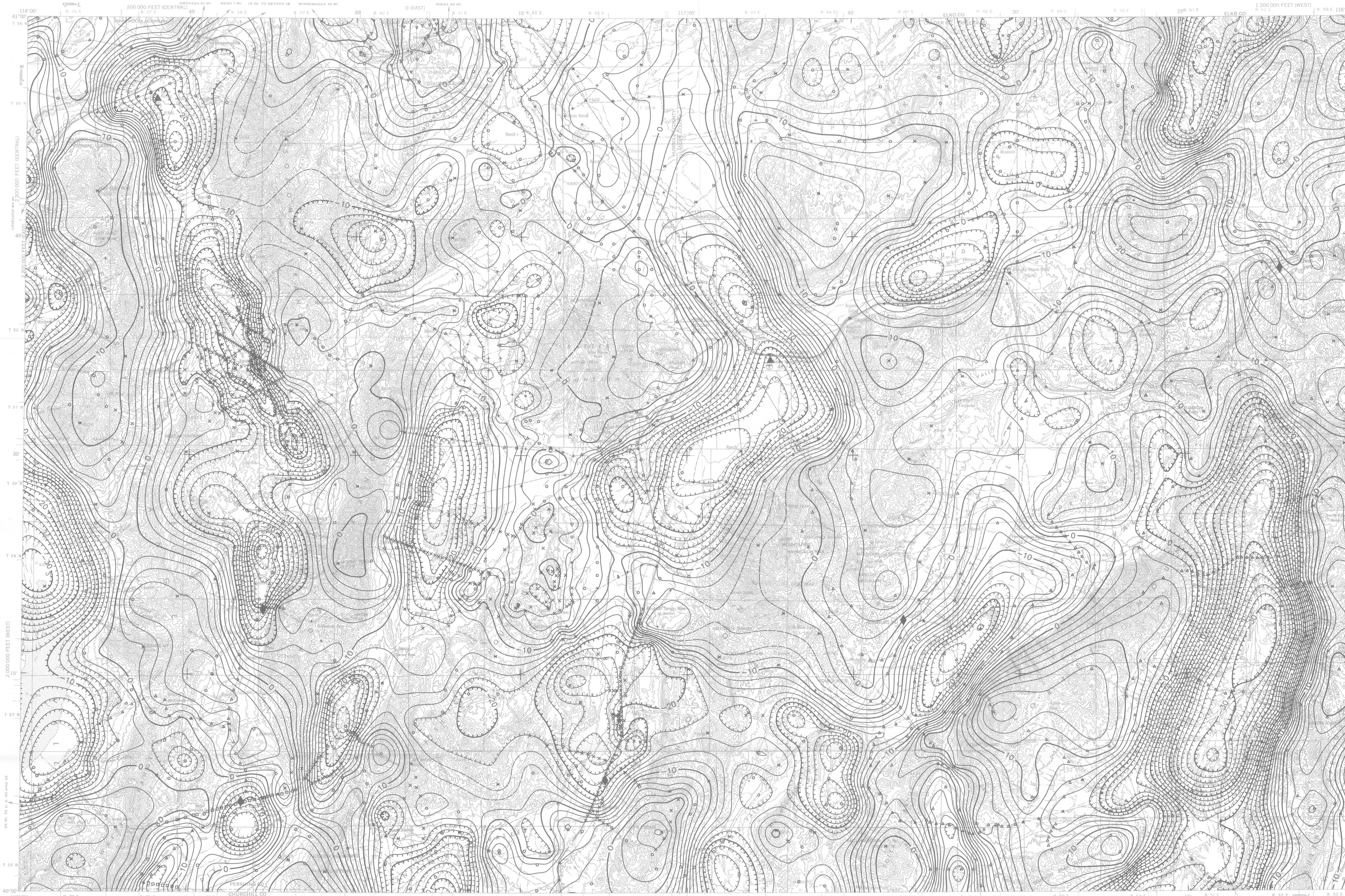
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-976 (SHEET 2 of 2)



Base from U.S. Geological Survey, 1962

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA—1986—G86039

EXPLANATION

GRAVITY CONTOURS—Contour interval 2 milligals
Hachured contours indicate areas of low gravity closure. Dashed in areas of poor control

▲ PRIMARY BASE STATIONS

◆ SECONDARY BASE STATIONS

★ ▽ × + ○ □ ✦ △ ◇ ✖ GRAVITY STATIONS

SCALE 1:250,000

5 0 5 10 15 20 MILES

5 0 5 10 15 20 25 30 KILOMETERS

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTAL CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

INDEX MAP WITH PRIMARY BASE STATIONS.
W = Winnemucca, BM = Battle Mountain

SOURCES OF GRAVITY DATA

[DMA, Defense Mapping Agency; NBMG, Nevada Bureau of Mines and Geology; USGS, U.S. Geological Survey]

Source and year of survey	Number of stations	Symbol
USGS - A. Wagini (1984), G.A. Abrams (1984)	85	★, ▽
R.W. Grannell (1975-1973)	577	×
NBMG - J.W. Erwin (1964-1973)	142	+
Data from the DMA Gravity Library		
NBMG - J.W. Erwin (1964-1973)	546	○
USGS - Don Schafer (1982-1983)	32	□
DMA Hydrographic/Topographic Center (1967-1969)	6	✦
USGS - D.R. Mabey (1958-1960)	397	△, ◇
Geodetic Survey Squadron (1968-1972)	166	✖
Total	1,951	

SEE SHEET 1 FOR DISCUSSION AND REFERENCES

Isostatic Residual Gravity Map

BOUGUER AND ISOSTATIC GRAVITY MAPS OF THE WINNEMUCCA 1° BY 2° QUADRANGLE, NEVADA

By

Alexander Wagini

1986