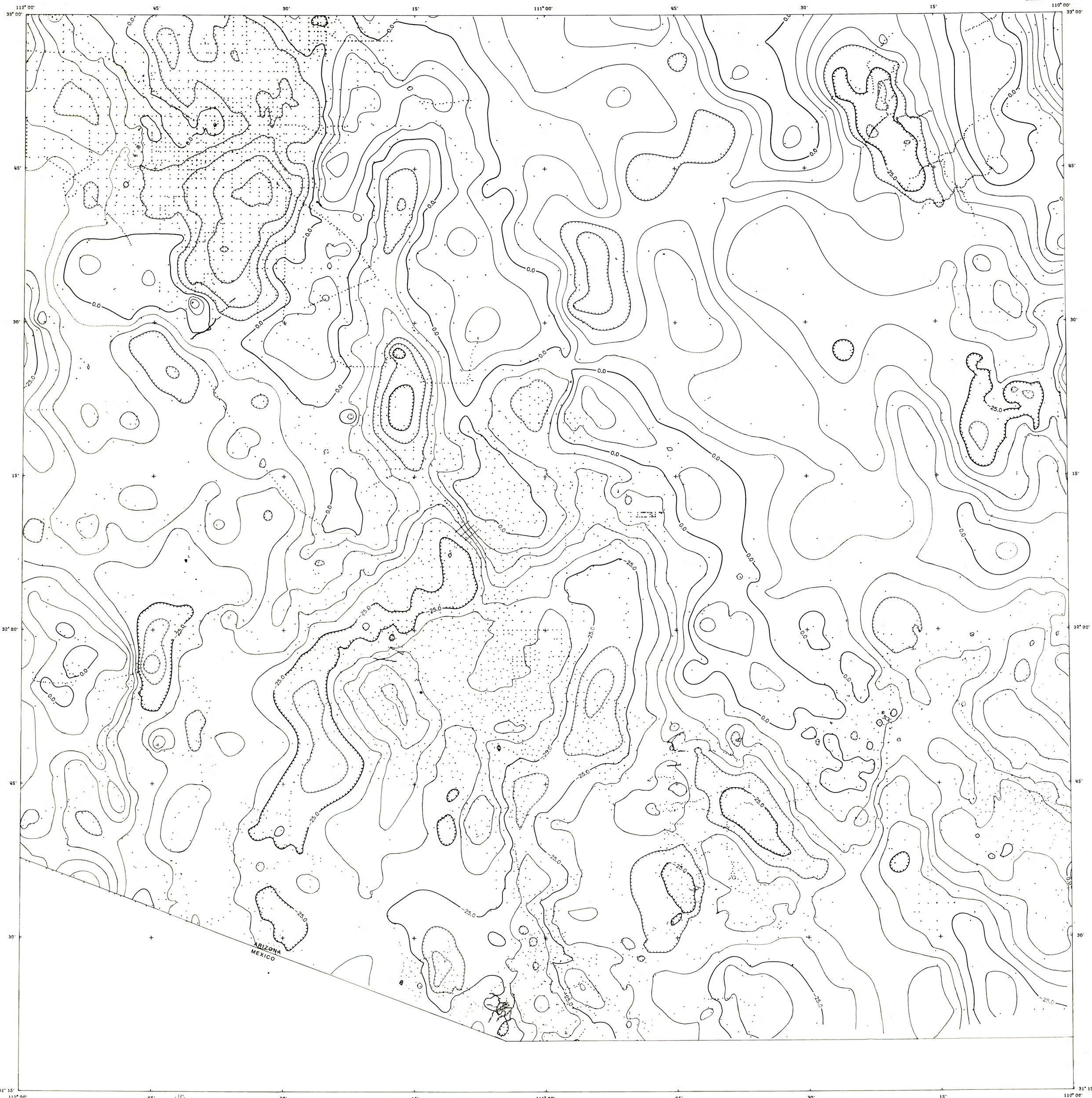

Compiled from gravity data from the Department of Defense gravity library, available from National Geophysical Data Center, Boulder, CO

TRUE NORTH
MAGNETIC NORTH
12°
Approximate Mean Declination, 1988

SCALE 1:250 000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

CONTOUR INTERVALS 5 AND 25 MGAL

ARIZONA
AREA OF MAP

This map is part of a pre-assessment of the Tucson and Nogales quadrangles.

Gravity contours--Showing isostatic anomalies, with an upper-crust density of 2.67 g/cm^3, a crustal thickness of 25 km, and a density contrast between the lower crust and upper mantle of 0.4 g/cm^3. Contour intervals 5 and 25 mGal (milligals).

+ Gravity station.

PLATE 19.--ISOSTATIC GRAVITY MAP OF THE TUCSON AND NOGALES QUADRANGLES, ARIZONA

Compiled by

David A. Ponce

1988

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