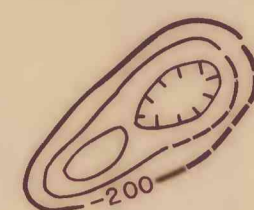


EXPLANATION



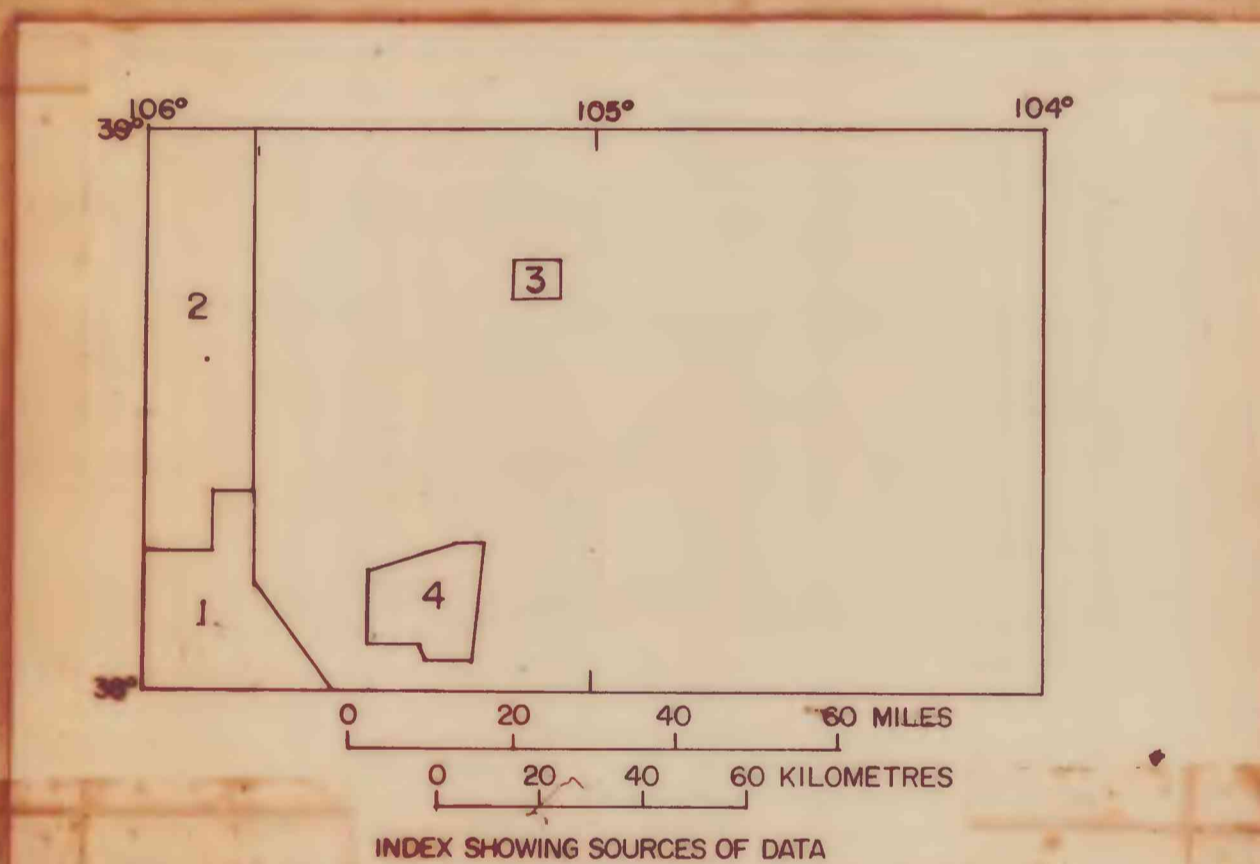
Gravity contours
Dashed where approximately located. Contour interval 5 milligals. Hatched contours indicate areas of low-gravity closure.

Gravity station

A density of 2.67 grams per cubic centimetre was assumed in reducing the data to the complete Bouguer anomaly. Terrain corrections were computed on a digital computer for all stations, except from source area 1, to a radius of 166.7 kilometres by a method described by Plouff (1966). Terrain corrections from source area 1 were computed to a radius of 166.7 kilometres with templates by a method described by Hammer (1939). Theoretical gravity was computed from the International Formula. The gravity values were referenced to the Denver, Colo., airport base station (Woollard, 1958) and base station WU 7 at the Colorado School of Mines, Golden, Colo. (Behrendt and Woollard, 1961).

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Note: Gravity station locations from sources 3 and 4 are too numerous to show.



Base from U.S. Geological Survey, 1962

CONTOUR INTERVAL 500 FEET
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.

GRAVITY MAP OF THE PUEBLO 1° x 2° QUADRANGLE, COLORADO
by
D.L. Peterson, M.D. Kleinkopf, and D.M. Wilson
1974