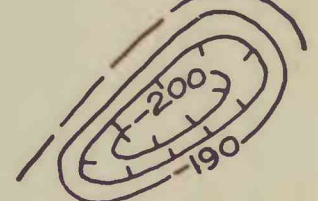


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EXPLANATION



GRAVITY CONTOURS
CONTOUR INTERVAL 5 MILLIGALS. DASHED WHERE APPROXIMATELY LOCATED. HACHURED CONTOURS INDICATE AREAS OF LOW GRAVITY CLOSURE

GRAVITY STATION

A density of 2.67 g/cc was assumed in reducing the data to the complete Bouguer anomaly. Terrain corrections were made to a distance of 103.6 miles by the Coast and Geodetic Survey system (Swick, 1942) for all stations where local relief was large and for selected stations where local relief was small. A contour map of terrain effect was used to interpolate the corrections for the remaining stations. Observed gravity was referenced to the North American gravity control network at Tonopah, Nevada (Woollard, 1958).

REFERENCES CITED

- Swick, C. H., 1942, Pendulum gravity measurements and isostatic reductions: U.S. Coast and Geodetic Survey Spec. Pub. 232, 82 p.
- Woollard, G. P., 1958, Results of a gravity control network at airports in the United States: Geophysics, v. 23, p. 520-535.

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BOUGUER GRAVITY MAP OF PARTS OF ESMERALDA AND MINERAL COUNTIES, NEVADA AND INYO AND MONO COUNTIES, CALIFORNIA

By

DONALD L. PETERSON
1973

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