THE COMPLETE RESIDUAL BOUGUER GRAVITY ANOMALY MAP

El Centro

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1981

A glossary of 12 terms is used for the Bouger corrections and for remote corrections used in the analysis. These terms are plotted in color along the map's edges. The map displays contour lines representing residual Bouger gravity anomalies, with a contour interval of 2 milligals. The map also includes station locations marked by small crosses.

The complete residual Bouger gravity anomaly map was compiled by using a Bouger correction scale given by:

\( \Delta g = \Delta g_{\text{remote}} + \Delta g_{\text{material}} + \Delta g_{\text{topo}} + \Delta g_{\text{local}} \)

where:

- \( \Delta g_{\text{remote}} \) is the remote correction
- \( \Delta g_{\text{material}} \) is the material correction
- \( \Delta g_{\text{topo}} \) is the topographic correction
- \( \Delta g_{\text{local}} \) is the local correction

Several notes are provided on the map, detailing specific areas of interest and additional information. The map is intended for use in the analysis of geophysical data in the El Centro region.