THE COMPLETE RESIDUAL BOUGUER GRAVITY ANOMALY MAP

Salton Sea

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A density of 2.67 g/cc is used for the Bouguer correction and the terrain correction values were taken from the USGS 1:24,000 topographic maps. The Bouguer correction is the difference between the measured gravity and the gravity at sea level. The terrain correction is the effect of the Earth's surface topography on the measured gravity. The complete residual Bouguer gravity anomaly map was generated using a Bouguer reduction of the data.

Note: The Bouguer gravity anomaly data is expressed in milligals. A milligal is a unit of gravity, equal to the acceleration due to gravity of 1 milligal. The contour interval is 2 milligals, and the map represents gravity station locations.

Scale: 1:250,000

Contour Interval: 2 milligals

NOTE: Bouguer gravity anomaly data is shown in milligals, and represents gravity station locations.

LOCATION CHART

SALTON SEA

CONTOUR INTERVAL IS 2 MILLIGALS

+ REPRESENTS GRAVITY STATION LOCATION

Inset A: Regional Bouguer anomaly map of the Salton Sea area, showing gravity anomalies.

Inset B: Regional Bouguer anomaly map of the Salton Sea area, showing gravity anomalies.

Inset C: Regional Bouguer anomaly map of the Salton Sea area, showing gravity anomalies.