

Bouguer Gravity Anomalies in Hiroshima, Hamada and Taisha district, Southwestern, Japan

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A gravity survey was carried out in

Hiroshima, Hamada and Taisha district, Southwestern, Japan. Total number of measurement points was 545. These data were compiled together with 6,010 existing data points to produce a gravity map. Gravity meters used in this survey were LaCoste and Romberg G-type (G-911), which has been used for nation-wide gravity surveys. We made Bouguer gravity anomaly map with an assumed density of 2.3 g/cm³ using new gravity data together with existing data.

We will present the Bouguer gravity anomaly map and discuss relationship between Bouguer gravity anomalies and geological structures.