
GRID DESCRIPTION

This grid combines onshore Spherical Cap Bouguer gravity anomalies with offshore Free-air anomalies for WA. Data over the continental region has been gridded from the Australian National Gravity Database (ANGD) and includes GA/GSWA gravity surveys which were acquired during 2010/2011. Data over the marine region is sourced from the GA June 2009 offshore-onshore gravity grid. The grid cell size is 0.004 degrees (approximately 450m).

IMAGE DESCRIPTION

The image was generated from a colour palette (red high, blue low) using a linear histogram. To emphasize the expression of high frequency anomalies, an artificial illumination was applied from overhead (0° azimuth, 90° elevation).

The data have been compressed 10:1 using enhanced compressed wavelet technology. ECW files can be viewed using ER Viewer or various GIS applications.

Bibliographic References:

Wynne, P., and Bacchin, M., 2009. Index of Gravity Surveys (Second Edition). Geoscience Australia, Record 2009/07

Wynne, P., 2009. AUSTRALIAN NATIONAL GRAVITY DATABASE 0.5 MINUTE OFFSHORE - ONSHORE GRAVITY GRID. Geoscience Australia.

John Brett
Geological Survey of Western Australia
Phone: 08 9222 3154
E-mail: John.BRETT@dmp.wa.gov.au

Aug 2011
