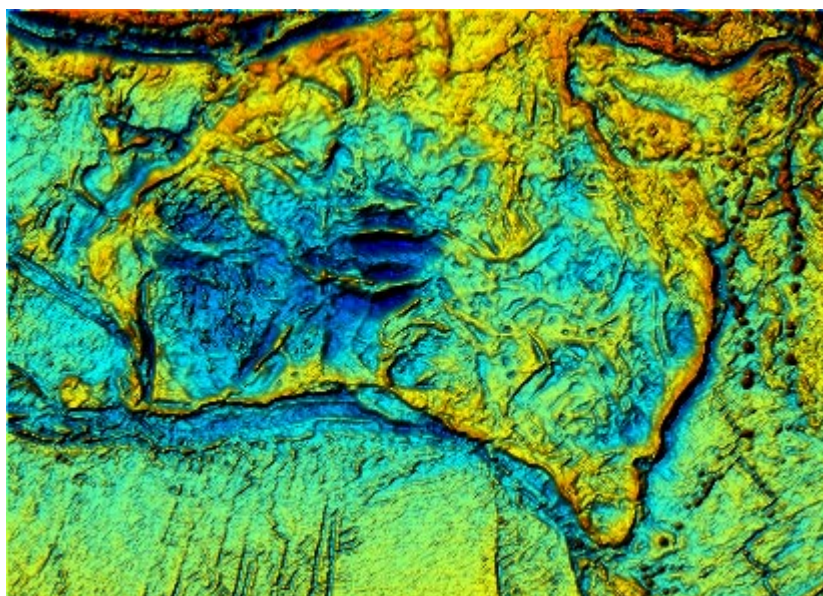




Gravity Grid of the Australian Region

The Australian Geological Survey Organisation (AGSO) announces the release of a new gridded gravity dataset of the Australian Region. The grid combines accurate onshore gravity measurements, a sub-sample of the levelled offshore marine gravity traverses with satellite data used in areas where there is no marine data. The cell values represent simple Bouguer anomalies at a density of 2.67 tm^{-3} onshore and free-air anomalies offshore. The grid covers the area extending from 8° S to 48° S and 108° E to 162° E . The grid cell size is 0.5 minutes of arc, which is equivalent to about 800 metres.

The grid was generated in a two-pass process (1.5 minute then 0.5 minute) from a composite file containing 815 000 land observations, 1.5 million marine values and 2.2 million satellite values. Digital copies of the onshore point data may also be purchased from AGSO, see a separate release notice or check the AGSO web pages.



The digital grid is available in ASCII BIL format and ERMMapper format on CD-ROM.

The price of the grid is \$2 697.75 (including GST)

Copies of these data may be obtained from:

Mr Peter Percival, Geophysical Acquisitions & Databases AGSO

GPO Box 378 CANBERRA ACT 2601 AUSTRALIA

Telephone: (02) 6249 9478

Facsimile: (02) 6249 9913

For further information about the database contact: Mr Phillip Wynne

Telephone: (02) 6249 9463 E-mail: phill.wynne@agso.gov.au

<http://www.agso.gov.au/geophysics/gravimetry/>

Release Date: 7 June 2001

<http://www.agso.gov.au/minerals/>