

Release of Australian National Gravity Database (May 2003 Edition)



Geoscience Australia's National Gravity Database contains over 1 200 000 point gravity observations read over the Australian onshore and offshore regions. These data have been collected from gravity surveys dating back to 1937. This repository of gravity information is a valuable national asset with importance to the mineral and petroleum exploration industries, geodesy and the international scientific community. It is a cooperative effort among Geoscience Australia, state and territory Geological Surveys, private companies, universities and other organisations.

Geoscience Australia announces the release of the 2003 edition of the Australian National Gravity Database. This release contains point data values in the area extending from 8° S to 48° S and 108° E to 162° E. All data are provided in GDA94 coordinates. The 2003 release includes both onshore and offshore data and has approximately 390 000 gravity stations additional to the 2002 release. These additional data come from:

- (a) recent additions to the database;
- (b) data no longer embargoed; and
- (c) offshore data not included in the 2002 release.

The digital data will be supplied by Geoscience Australia on one CD-ROM. The CD-ROM will also include the ER Mapper gravity grid of Australia, produced at a cell size of 0.5 minutes of arc (equivalent approximately to 800 metres), previously released in June 2001.

Cost: \$90.00 + \$9.00 GST, plus \$7.70 for postage and packaging.

A copy of the National Gravity Database and grid may be purchased from:

The Sales Centre, Geoscience Australia
GPO Box 378
CANBERRA ACT 2601 AUSTRALIA

Telephone: (02) 6249 9519
Facsimile: (02) 6249 9982
E-mail: sales@ga.gov.au

Alternatively both the database and grid may be downloaded for free from the Geoscience Australia website at:

http://www.ga.gov.au/rural/projects/20011023_32.jsp

For further information about the database contact:

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<http://www.ga.gov.au>