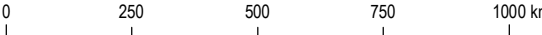


FILTERED GRAVITY ANOMALY MAP OF AUSTRALIA

SCALE 1:15 000 000



LAMBERT CONFORMAL CONIC PROJECTION
Central Meridian: 134°E Standard Parallels: 18°S, 36°S
Geocentric Datum of Australia

This image is derived from observations recorded at approximately 1.4 million gravity stations held in the Australian National Gravity Database (ANGD) by Geoscience Australia (GA). The image shows Bouguer gravity anomalies after applying a high-pass filter with a cut-off wavelength of 500 km. The onshore data were acquired by the Commonwealth, State and Territory Governments, the mining and exploration industry, universities and research organisations from the 1950s to the present day. Continental Australia has a basic station spacing coverage of 11 kilometres, with South Australia, Tasmania and part of New South Wales covered at a spacing of 7 kilometres. Victoria has station coverage of approximately 1.5 kilometres. Recent Federal, State and Territory Government initiatives have funded systematic infill at a grid station spacing of 2, 2.5 or 4 kilometres to provide improved coverage in areas of scientific or economic interest. Other areas of detailed coverage have been surveyed by private companies for exploration purposes. Only open file data as held in the ANGD at May 2008 were used in the creation of the grid.

It is recommended that this map be referred to as: Bacchin, M., Milligan, P. R., Wynne, P., and Tracey, R., 2008, Gravity Anomaly Map of the Australian Region (Third Edition), scale 1:15 000 000, Geoscience Australia, Canberra. Cartography: S. Mezzomo.

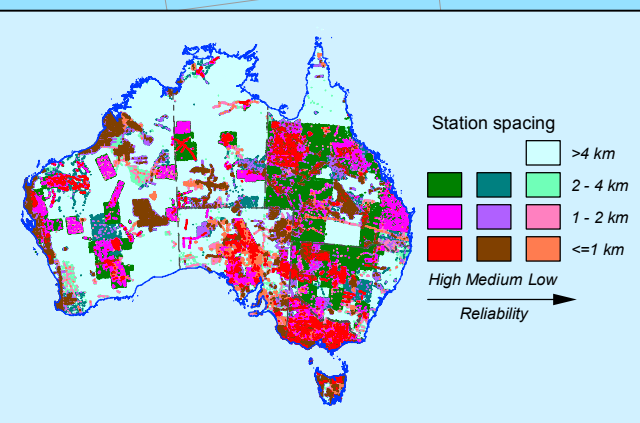
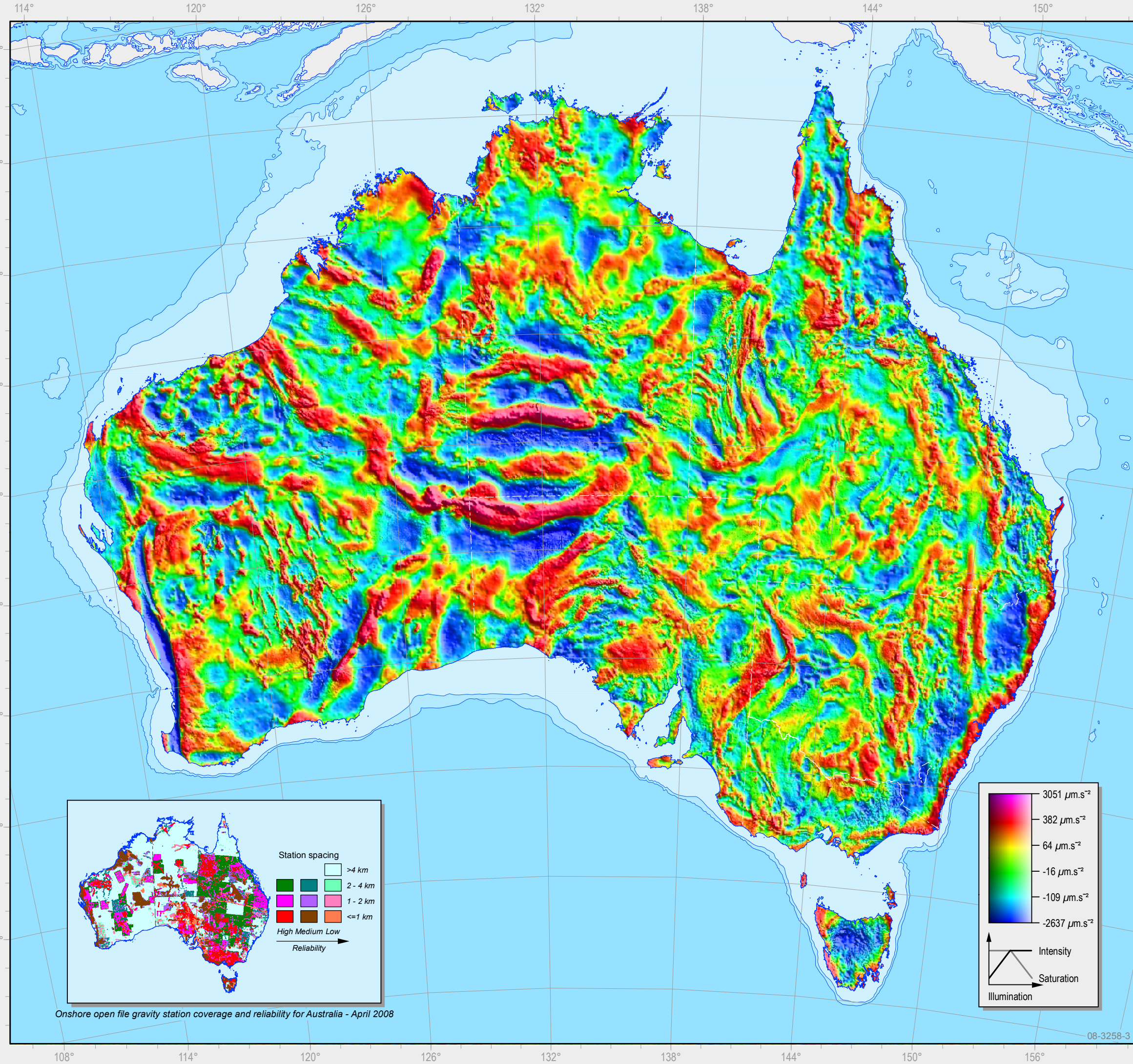
The geodetic version of the grid used for the preparation of the image and the original point located data are available for free download via the internet using Geoscience Australia's Geophysical Archive Data Delivery System (GADDS) at: <http://www.geoscience.gov.au/gadds>

Published by Geoscience Australia, Department of Resources, Energy and Tourism, Canberra, Australia. Issued under the authority of the Federal Minister for Resources, Energy and Tourism.

© Commonwealth of Australia 2009.



Copies of this map may be downloaded from the Geoscience Australia internet site at: <http://www.ga.gov.au>, or by contacting:
Sales Centre, Geoscience Australia
GPO Box 378
Canberra, ACT 2601
Phone (02) 6249 9966
Facsimile (02) 6249 9960
Email: sales@ga.gov.au



Onshore open file gravity station coverage and reliability for Australia - April 2008

