Map Information on the Web

For up-to-date map information, see Geoscience Australia's website, www.ga.gov.au

This site contains:

- a complete list of map products and prices
- place name search facility
- information about topographic map specifications
- map copyright information
- information about using maps with GPS
- a full listing of our map retailers
- a form for submitting map errors and suggestions
- free downloadable samples of digital data and much more.

Topographic Maps in Digital Form

The 1:250 000 scale NATMAP series is also available in digital form for use on computers and in Geographic Information Systems (GIS).

GEODATA TOPO–250K is a vector data product for use in GIS and other computerised mapping applications.

NATMAP RASTER contains the 513 maps in the 1:250 000 NATMAP series as digital images on CD-ROM.

Digital Data for selected 1:50 000 map areas can be obtained through Geoscience Australia. For further information contact Data Sales Enquires.

About Geoscience Australia's National Mapping Division

We are Australia's national mapping agency. We play a pivotal role in Australia's land information industry as the primary source of advice to the Commonwealth Government, coordinator of national programs and Australian representative in international forums. Through our mapping, satellite imagery, and maritime boundaries programs, we provide information essential to the effective management of Australia's environmental and natural resources.

About the NATMAP series

The NATMAP Topographic Map Series contains more than 2000 different published map titles. These maps are used by a wide range of professional and recreational users and are available flat or folded. There are 513 maps in the 1:250 000 series and over 1600 published maps in the 1:100 000 series.

Your Feedback is Welcome

If you discover errors or omissions on a map, please let us know via the map amendments page on our website, email;

mapfeedback@ga.gov.au,

or send your annotated map to us. We will replace your map with the corresponding current edition. We value your assistance for the next edition.

Geoscience Australia Sales Centre

GPO Box 378, Canberra, ACT 2601, Australia
Ph: +61 2 6249 9966
Fax: +61 2 6249 9960
Freecall within Australia: 1800 800 173
Sales Email: mapsales@ga.gov.au

Visit our Sales Centre

Cnr Jerrabomberra Ave & Hindmarsh Drv, Symonston, ACT 2609, Australia
Open: 9 a.m. - 5 p.m. Weekdays.
Closed Public Holidays
& Christmas-New Year period.

Locate your nearest NATMAP Retailer

Freecall within Australia: 1800 800 173
Website: www.ga.gov.au

The Australian Government agency providing **SPATIAL INFORMATION FOR THE NATION**

Australian Government
Geoscience Australia

July 2008

free copy

Map Index

1:100 000 & 1:250 000 scale

NATMAP Topographic Maps available from GEOSCIENCE AUSTRALIA

100K INDEX
250K INDEX

Topographic Map Revision

Computer programs, satellite imagery and a number of other data sources are used in the revision of topographic maps. Hard copy maps are first turned into digital data by electronically scanning existing map films. The new data is then displayed on a monitor and superimposed over recent satellite imagery. By comparing existing data with features on the imagery, additions and alterations are readily identified and the map data base amended accordingly. Final film for printing is generated from the data by specialised plotters.

The efficiency of this method of map revision will improve as the resolution of satellite imagery improves. In the future, stereo plotting techniques using satellite imagery will be used for maps requiring more radical revision.

Some features are not easily identified on the satellite imagery, however Geoscience Australia uses the best available sources to check and show all features necessary to make the map a useful reference. The contribution of map users who provide information regarding changes to the map detail is appreciated. All information provided will be checked for use in the next revision.

1:250 000 Scale Topographic Maps

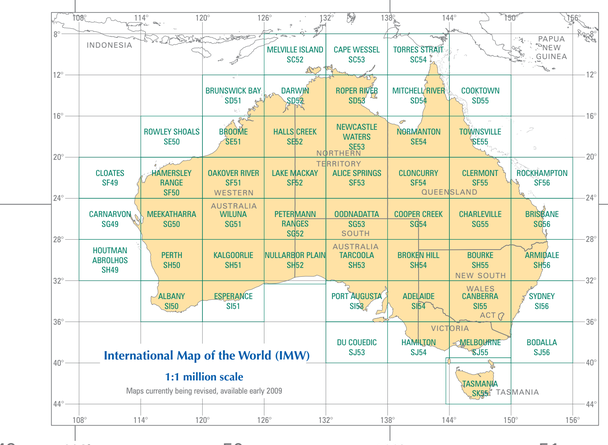
At this scale, 1 cm on the map represents 2.5 km on the ground. Each map covers an area of one and a half degrees of longitude by one degree of latitude, or about 150 km from east to west and 110 km from north to south. The contour interval is 50 metres. This is the largest scale at which topographic maps cover the entire continent.

1:100 000 Scale Topographic Maps

Australia is covered by more than 3000 maps at 1:100 000 scale, of which 1600 have been published. At this scale, 1 cm on the map represents 1 km on the ground. Each map covers an area of half a degree of longitude by half a degree of latitude, or about 54 km from east to west and north to south. The contour interval is 20 metres.

1:50 000 Scale Topographic Maps

Selected 1:50 000 scale maps produced by Defence Mapping are available from Geoscience Australia. Coverage is predominantly above the Tropic of Capricorn. Contact Map Sales at Geoscience Australia—National Mapping Division for more information or see Geoscience Australia's web site.



Topographic Maps in 3 Series

IMW 1:1 million scale published topographic map
Not all maps are available in this series.

1:250 000 scale published topographic map
NOTE : Map numbering system is a combination of horizontal and vertical bands plus the digit on the map sheet, e.g. Melbourne SJ55-5.

1:250 000 & 1:100 000 scale published topographic map - special
These maps have been designed to provide the user with greater map area coverage.

1:100 000 scale published topographic map

1:100 000 scale unpublished topographic map
Plain paper copies of unpublished maps are available from Geoscience Australia. These comprise the original plotted information from aerial photography and are available in areas where the 1:100 000 scale maps have not been completed into published form. In NSW, the 1:100 000 scale maps not published by Geoscience Australia are available from Land and Property Information - www.lpi.nsw.gov.au

See alphabetical list of 1:250 000 and 1:100 000 scale map sheets overleaf

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