

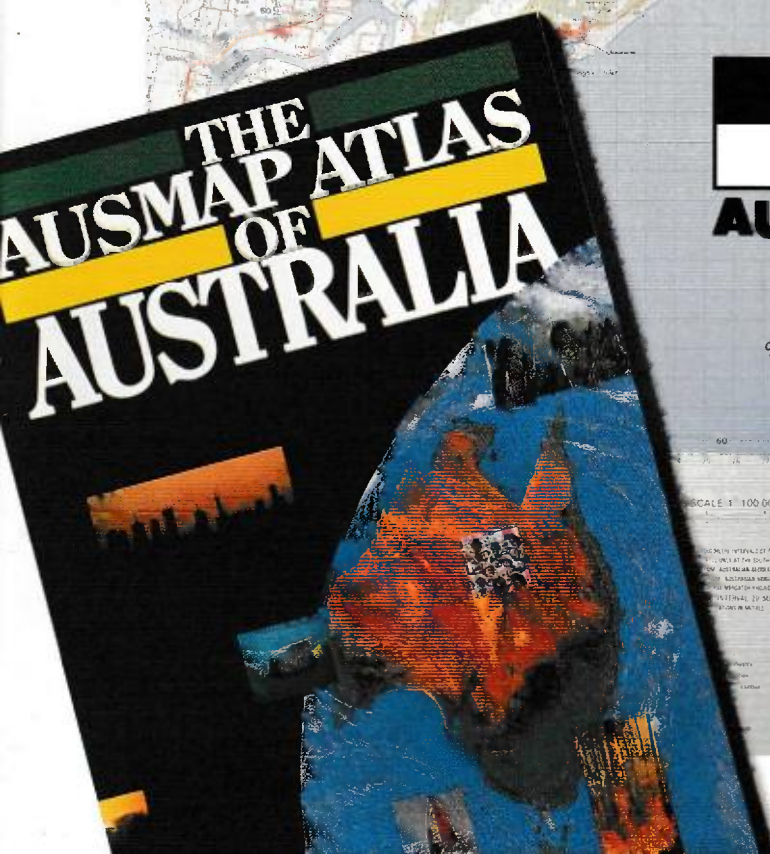
SF 51
OAKOVER RIVER
EDITION 1
TOPOGRAPHIC MAP
1:1 000 000 scale
(1 cm to 10 km)

F53-3
FREW RIVER
NORTHERN TERRITORY
EDITION 1
TOPOGRAPHIC MAP
1:250 000 scale
(1 cm to 2.5 km)

DURA
EDITION 1
TOPOGRAPHIC MAP
1:1 000 000 scale
(1 cm to 10 km)



MAP PRODUCT CATALOGUE



SCALE 1:100 000

THE AUSMAP ATLAS OF AUSTRALIA
AUSLIG
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CAMDEN
EDITION 1

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AUSLIG MAP CATALOGUE

Maps are among the most effective tools of communication, and the Australian Surveying and Land Information Group (AUSLIG) specialises in maps and related materials. Our maps, atlases and other publications—detailed in this catalogue—are available through more than 300 retail outlets throughout Australia and overseas.

**SG 56-3 FRASER
ISLAND (SPECIAL)**

QUEENSLAND EDITION 1



TOPOGRAPHIC MAP
1:250 000 scale
(1 cm to 2.5 km)

**SF 52-3
THE GRANITES**

NORTHERN TERRITORY EDITION 1



TOPOGRAPHIC MAP
1:250 000 scale
(1 cm to 2.5 km)

7923 YEA

VICTORIA EDITION 2



TOPOGRAPHIC MAP
1:100 000 scale
(1 cm to 1 km)

6926 TINTINARA

SOUTH AUSTRALIA EDITION 1



TOPOGRAPHIC MAP
1:100 000 scale
(1 cm to 1 km)

SI 55 CANBERRA

EDITION 3



TOPOGRAPHIC MAP
1:1 000 000 scale
(1 cm to 10 km)

**SH 52
NULLARBOR PLAIN**

EDITION 2



TOPOGRAPHIC MAP
1:1 000 000 scale
(1 cm to 10 km)

TOPOGRAPHIC MAPS

3

Covering Australia systematically by topographic maps at 1:100 000 and 1:250 000 scales—a joint exercise by AUSLIG and the Department of Defence's Royal Australian Survey Corps—has taken many years to achieve. For example, the final map in the 1:100 000 series was only published in 1988. Today, all these maps are available for purchase from AUSLIG.

Topographic maps at 1:100 000 and 1:250 000 scales are printed in up to seven colours and show natural and man-made features including land surface (represented by contours and spot elevations), streams, lakes, dams and swamps, roads and tracks, built-up areas, vegetation types and density, and nature conservation reserves, forestry reserves and Aboriginal lands. To help readers visualise the landscape, the contours of many sheets are supplemented by relief shading. Each map includes instructions on using its grid references.

Selected northern Australia maps, at 1:100 000 and 1:250 000 scales, are published with survival resources information on the back of each map. Nicknamed 'Snack Maps', these include illustrations and descriptions of the edible plants and animals available in the area depicted on the front.

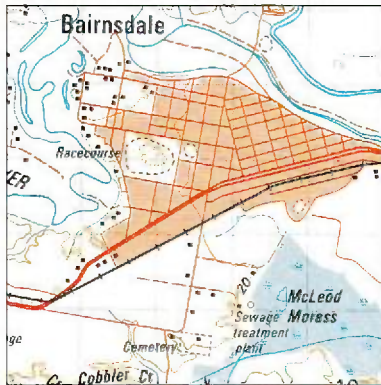
AUSLIG has also published special edition topographic maps of areas with tourist significance, such as Uluru and Kakadu National Parks and the Australian Capital Territory. These maps, which show topography and additional tourist-related information, are described in the 'Tourist-related Maps' section of this catalogue.

A separate *Topographic Maps* catalogue, which includes information about the reliability date and availability of each map sheet in 1:100 000 and 1:250 000 scales, can be obtained from AUSLIG.



4

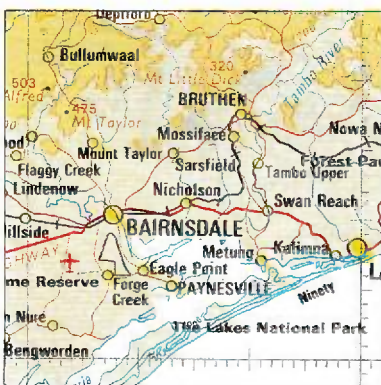
1:100 000 SCALE TOPOGRAPHIC MAPS



1:250 000 SCALE TOPOGRAPHIC MAPS



1:1 MILLION SCALE TOPOGRAPHIC MAPS



At this scale 1 cm on the map represents 1 km on the ground.

This is AUSLIG's most popular map series. Each map covers an area of $1\frac{1}{2}^\circ$ longitude by $1\frac{1}{2}^\circ$ latitude, or about 54 km from east to west and 54 km from north to south. The contour interval is 20 m and is supplemented by relief shading on all maps produced by AUSLIG.

It takes more than 3000 standard map sheets at 1:100 000 scale to cover Australia. Publication has been confined to the 1600-plus map sheets covering the more densely settled areas of the continent and other areas of special interest.

All maps available flat (mostly 79 cm x 59.5 cm) and many available folded (mostly 10 cm x 24.5 cm).

At this scale 1 cm on the map represents 2.5 km on the ground.

Each map covers an area $1\frac{1}{2}^\circ$ longitude by 1° latitude, or about 150 km from east to west and 110 km from north to south—equivalent to six maps at 1:100 000 scale. The contour interval is 50 m, and it is supplemented by relief shading. This is the largest scale at which published topographic maps cover the entire continent—all 540 maps have been published.

Coverage of Australia is made up of three types of 1:250 000 scale topographic maps: the *National Topographic Map Series (NTMS)* produced by AUSLIG, the *Joint Operations Graphic (JOG)* series produced by the Royal Australian Survey Corps, and the *Joint Specifications* editions into which elements of the first two types are now incorporated.

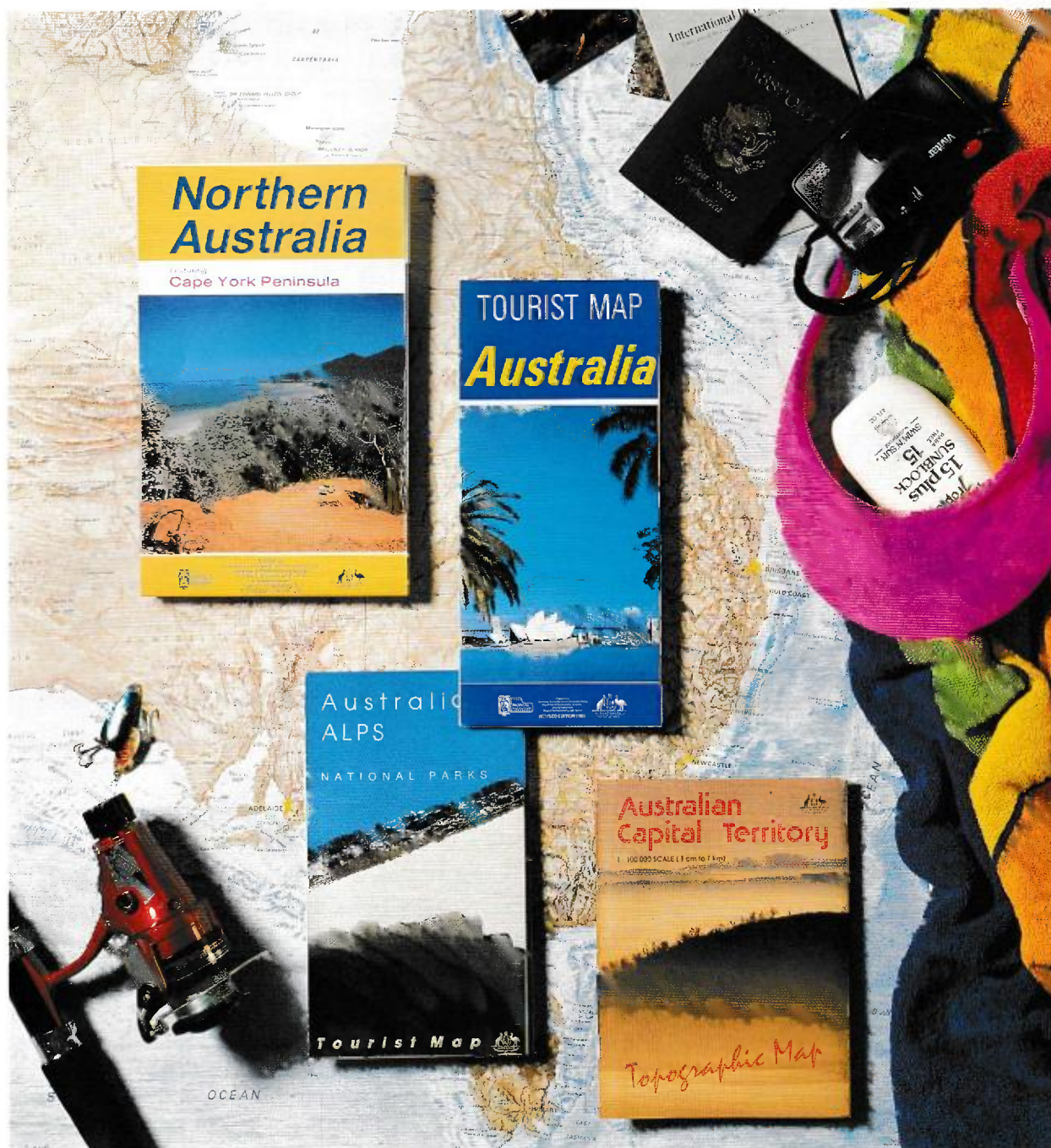
All maps available flat (mostly 79 cm x 59.5 cm). *NTMS* and *Joint Specifications* editions also available folded (mostly 10 cm x 24.5 cm).

At this scale 1 cm on the map represents 10 km on the ground.

Each map covers an area 6° longitude by 4° latitude, or about 600 km from east to west and about 450 km from north to south, equivalent to 16 maps at 1:250 000 scale. It takes 49 sheets to cover Australia at 1:1 million scale.

Currently topographic map coverage of Australia at 1:1 million scale is part of the *International Map of the World (IMW)*, a metric series of maps conforming to international specifications and printed in nine colours. They include contours with layer tints, spot elevations, names of prominent features and places of interest, and the boundaries and names of larger nature conservation reserves and areas of Aboriginal land.

All maps available flat (79 cm x 24.5 cm) or folded (10 cm x 24.5 cm).



TOURIST-RELATED MAPS

Easy-to-read and with most printed on quality art paper, AUSLIG's tourist-related maps contain a wealth of information for the casual visitor and the inquisitive explorer alike.

They are derived from authoritative national topographic and thematic maps, and most include details of tourist facilities, appropriate warnings to outback travellers, road distances and travelling times, national parks and other reserves, and, in some cases, brief descriptions of major tourist features.

All tourist maps available flat or folded to a convenient size for travelling.

**6 TOURIST MAP OF
AUSTRALIA
1:5 MILLION SCALE**

This is AUSLIG's most popular map product. It includes descriptive and historical detail on significant natural and man-made tourist features, tables of travelling times by air, road and rail between selected major centres, temperature ranges and population numbers at strategic locations, and international tourist symbols indicating the availability of services and facilities. The reverse features an award-winning multicoloured relief map of the Australian landmass and surrounding seabed, also at 1:5 million scale.

Available flat (96 cm x 80 cm) or folded (12 cm x 26.5 cm) with a distinctive cover.

**NORTHERN
AUSTRALIA TOURIST
MAP
1:2.5 MILLION AND
1:1 MILLION SCALES**

This double-sided map is essential for anyone contemplating travel through the vast, sparsely populated expanses of northern Australia. One side covers from Maryborough (Qld) to Thursday Island in the north and Wyndham (WA) in the west, and includes Darwin and Alice Springs. The reverse features a more detailed 1:1 million scale map of Cape York Peninsula with additional information on road surfaces, warnings for outback travellers including crocodile warnings, and climatic conditions such as the wet and dry seasons.

Available flat (112 cm x 78 cm) or folded with cover (16 cm x 26 cm).

**SOUTH EASTERN
AUSTRALIA TOURIST
MAP
1:2.5 MILLION SCALE**

Ideal for the motorist wanting to explore the most populous and scenically diverse corner of the continent. This map, which complements the Northern Australia Tourist Map, covers all of New South Wales, Victoria and Tasmania, plus Queensland as far north as Bundaberg, and South Australia as far west as Whyalla. Includes a unique diagram as a quick reference guide to routes and distances between the major cities.

Available flat (69 cm x 100 cm) or folded with cover (12.5 cm x 22.5 cm).

**KAKADU
NATIONAL PARK AND
SURROUNDS
1:250 000 SCALE**

This large topographic map (contour interval 50 m) was specially prepared with the visitor to the region in mind. It extends from Cape Hotham in the north-west to Katherine in the south and, apart from Kakadu National Park itself, depicts several conservation reserves to the west and the spectacular Katherine Gorge National Park to the south. Tourist information includes road surface conditions, walking tracks, and locations of park ranger stations and information centres.

Available flat (91 cm x 114 cm) or folded (30 cm x 28 cm).

**NORFOLK
ISLAND MAP
AND VISITORS GUIDE**

Produced for the Department of Arts, Sport, the Environment and Territories at 1:15 000 scale, this map is larger than previous editions. It is printed on both sides, with the reverse portraying colourful photographs and text describing Norfolk Island's flora and fauna, history, things to do and see etc.

Available flat (59 cm x 84 cm) or folded (15 cm x 21 cm).

**ULURU NATIONAL
PARK
1:100 000 SCALE**

This larger-than-normal detailed topographic map incorporates some tourist-related features. It depicts the spectacular Uluru (Ayers Rock-Mt Olga) National Park and the Yulara tourist village area and surrounding Aboriginal lands. Contours (interval 20 m) dramatically show the contrast between the large, rocky outcrops of Ayers Rock and The Olgas and the almost featureless plains which surround them. This map includes access roads and their surface condition, sunset viewing areas, travelling restrictions applying within and outside the national park boundary, and the broad expanses of sand ridges.

Available flat (104 cm x 74 cm) or folded with cover (11.5 cm x 24.5 cm).

**AUSTRALIAN
CAPITAL TERRITORY
1:100 000 SCALE**

Popular with ACT residents and visitors, this detailed topographic map (contour interval 20 m) covers the whole of the Territory and surrounding areas of New South Wales from Lake George in the north-east corner to Bredbo in the south, and as far east as Bungendore and Captains Flat. The major road pattern in Canberra and Queanbeyan is depicted as well as road surface conditions in rural areas. The pine plantations found extensively to the east and west of Canberra contrast strongly with the native vegetation of Namadgi National Park, which covers much of the Territory to the west and south of Canberra.

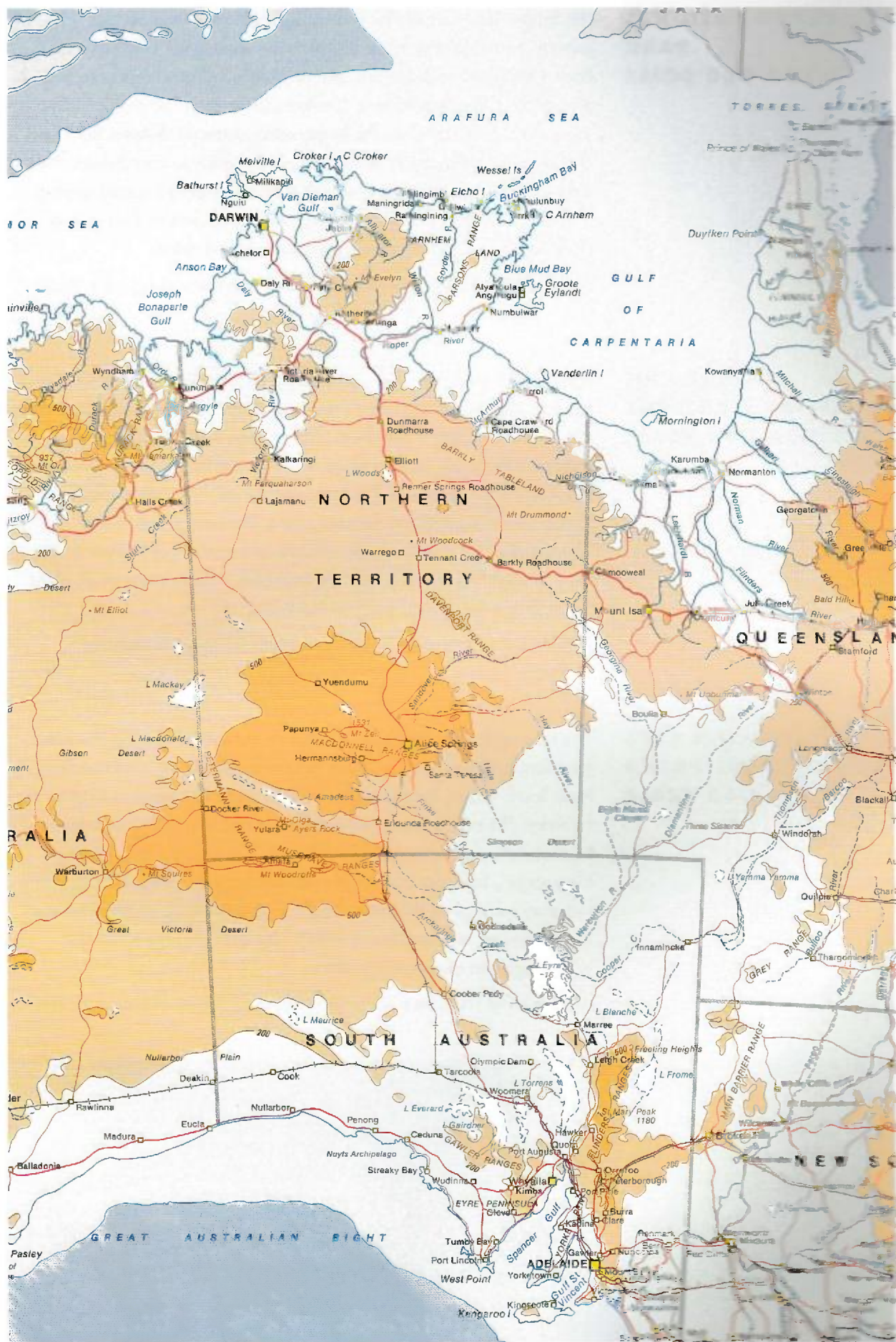
Available flat (66 cm x 107 cm) or folded (15 cm x 23 cm) in a protective wallet.

**AUSTRALIAN ALPS
NATIONAL PARKS
1:500 000 SCALE**

This new edition map is the perfect guide for both summer and winter travellers to alpine national parks and other reserves in south-eastern New South Wales, north-eastern Victoria and the Australian Capital Territory. The area covered extends from Canberra in the north to Bairnsdale in the south, from Batemans Bay in the east and now to Shepparton, Seymour and eastern Melbourne in the west. A convenient summary table gives the latest details of more than 20 different types of tourist services and facilities at nearly 100 localities. Road surface information has also been updated.

Available flat (104 cm x 69 cm) or folded with cover (13 cm x 23 cm).





GENERAL REFERENCE MAPS

Australia, the lowest, flattest and, apart from Antarctica, driest of the world's continental landmasses, covers an area of nearly 7.7 million square km. The distinctive and diverse nature of this landmass is represented in a series of attractive general reference maps ranging from large multi-sheet wall maps to small book-size maps of Australia.

Depending on scale, these maps also depict elevation, topography, bathymetry, the continental shelf, major geographical features, lakes, streams, roads, railways, major urban areas, other cities and towns, and outback homesteads. State and Territory borders are also shown.

AUSTRALIA

Australia 1:2.5 Million Scale

At this scale 1 cm on the map represents 25 km on the ground.

The four component sheets—*North-East, North-West, South-East and South-West*—assemble into the largest single wall map of Australia. Ideal for large offices, class and conference rooms, displays and feature walls.

Available individually, flat or folded, with each map 103 cm x 88 cm. The assembled size is 2 m x 1.7 m.

Australia 1:5 Million Scale

At this scale 1 cm on the map represents 50 km on the ground.

A large single-sheet wall map suitable for school, office and home use; includes a gazetteer on the back.

Available flat (98.5 cm x 84 cm) or folded with cover (11 cm x 23 cm).

Australia 1:10 Million Scale

At this scale 1 cm on the map represents 100 km on the ground.

A handy, small souvenir and general map of Australia for overseas visitors; also a useful reference map for school and home use.

Available flat (67.5 cm x 46 cm) or folded with cover (11 cm x 23 cm).

Australia 1:20 Million Scale

At this scale 1 cm on the map represents 200 km on the ground.

A convenient A4-size flat map for inclusion in publications requiring a simple, multicoloured map of Australia.

NORTHERN TERRITORY

Northern Territory 1:2.5 Million Scale

An attractive general reference map including road distances and points of interest for the tourist over a background of generalised contours, hypsometric tinting and relief shading. Incorporates an inset of the Territory of Ashmore and Cartier Islands (also at 1:2.5 million scale).

Available flat only (56 cm x 91 cm).

**10 AUSTRALASIA
BRIEFING MAP
1:5 MILLION SCALE**

This large two-sheet multicoloured map extends from Malaysia and the southern tip of Vietnam in the north to Tasmania and the northern tip of New Zealand in the south, and from Sumatra in the west to the Marshall Islands and Vanuatu in the east. Constructed on an Azimuthal Equal-Area Projection with the point of tangency at 12°25'S latitude and 130°52'E longitude at Darwin, this map depicts generalised topography by hypsometric tints, aerodromes, capital cities, selected other towns, major streams and roads, railways and political boundaries.

Available as a set only and flat only (each sheet 90 cm x 125 cm).

BASE MAPS

The base maps used in the preparation of AUSLIG's 1:5 million and 1:10 million scale general reference and thematic maps are available separately.

Australia 1:5 Million Scale Base Map

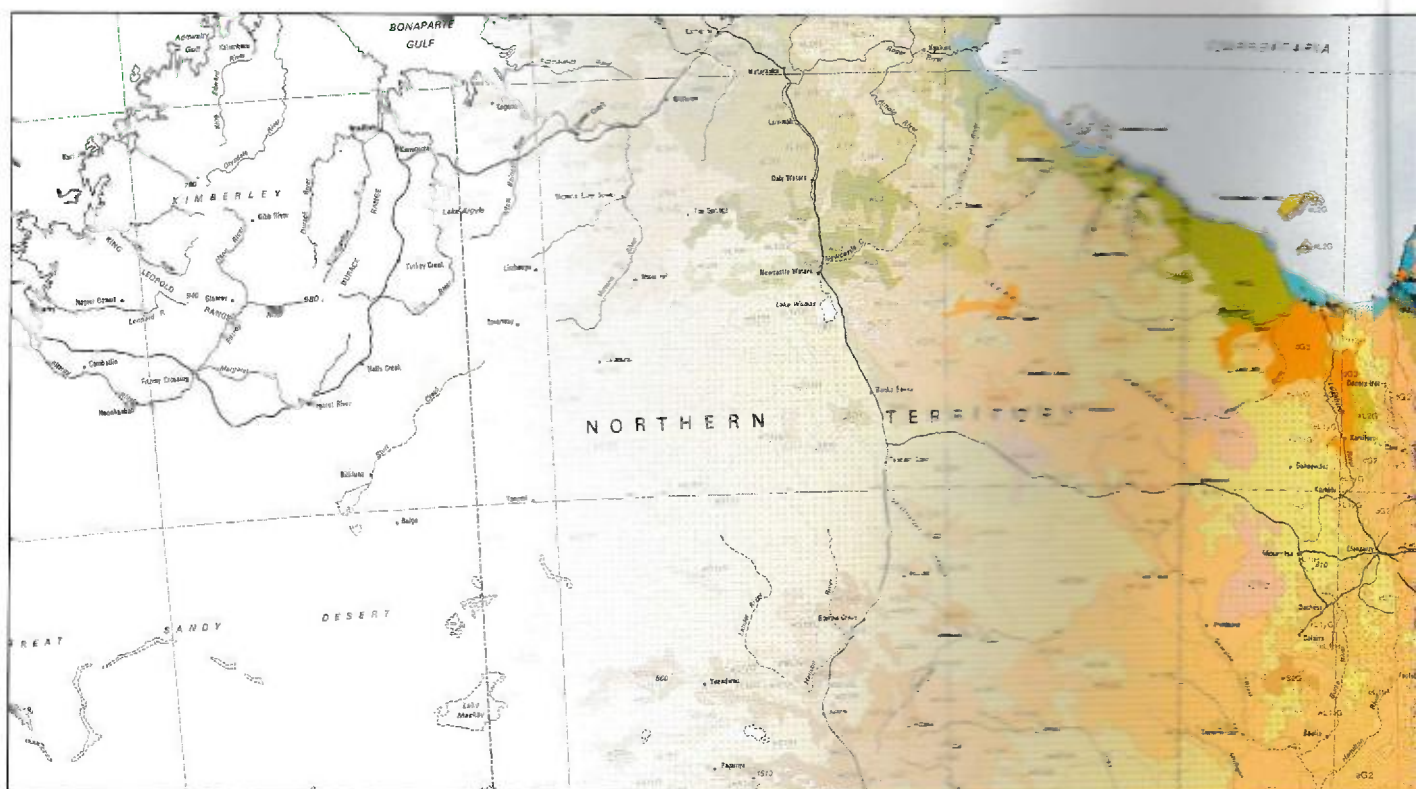
A single-colour base map combining the coastline, streams, spot elevations, settlement, roads, railways, nomenclature, and State and Territory borders.

Available flat only (98 cm x 89 cm).

Australia 1:10 Million Scale Base Map

A three-colour version of the 1:10 million scale general reference map showing the coastline, hydrography and associated features in blue, roads in red, and railways and place names in black.

Available flat only (46 cm x 43 cm).



THEMATIC MAPS



Unique nationwide overviews of many aspects of Australia's physical, environmental, economic and social geography are provided in AUSLIG's wide variety of attractive and informative thematic maps.

Data on these maps are depicted at 1:5 million or 1:10 million scale or on equivalent-size map sheets through combinations of maps at other scales.

1:5 MILLION SCALE THEMATIC MAPS

These large, coloured, single-sheet maps of Australia make ideal wall displays in schools and offices. Available flat (92.5 cm x 84 cm) or folded with distinctive covers (11 cm x 23 cm).

Aboriginal Land and Population

Depicts some 400 parcels of Aboriginal land, totalling more than 92 million hectares, and 415 population centres, with 50 or more Aboriginal people.

Dams and Storages

The location and capacity of 380 large dams are shown within the framework of standard drainage divisions.

Forestry Reserves

Shows State forests and timber reserves of more than 1000 hectares, classified by broad forest type. Forestry administrative district boundaries are also shown.

Fuels*

Size and operating status of Australia's extensive fuel deposits together with treatment plants and major movements of black and brown coal, crude oil and natural gas are shown over a background of Australia's numerous sedimentary basins.

Geology*

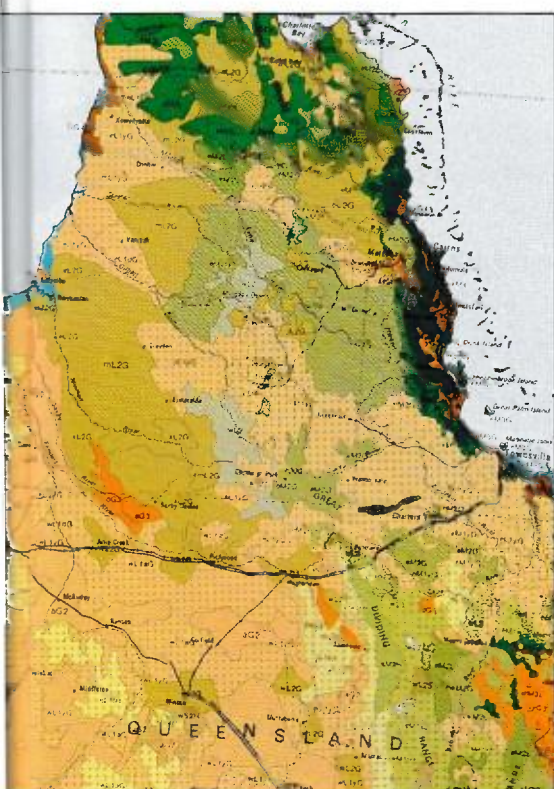
The great age of rocks over much of Australia is highlighted by this map on which bedrock is classified by mode of origin, composition and age.

Land Use*

Shows seven major land use categories, subdivided into some 30 uses. Much of the information on the main types and intensity of land use, in which livestock grazing is predominant, was interpreted from satellite imagery.

Minerals Other Than Fuels*

Australia is one of the world's foremost mineral exporters. This map shows the nation's main metallic and non-metallic mineral resources and centres of mining and processing over a background of major metalliferous structures.



Natural Vegetation*

Australia's distinctive vegetation is defined in terms of its growth form, foliage cover and predominant plant genus around the time European settlement began in 1788.

Nature Conservation Reserves

More than 5 per cent of Australia's land area is now reserved for nature conservation. Together with marine reserves, conserved land is depicted by type of reserve and controlling authority.

Population Distribution*

Two editions of this map show striking contrasts between urban land and population distribution at the time of the 1976 and 1981 censuses. Insets provide greater detail around the six largest capital cities.

Present Vegetation*

This is the first map showing present vegetation of the entire continent. Comparison with its companion map, *Natural Vegetation*, highlights the dramatic impact that 200 years of European settlement has had on the nation's vegetation.

Public Lands

Public lands of one kind or another cover about one-third of Australia. This map shows all areas of more than 5000 hectares of public land, classified by broad type.

Railway Systems

Australia's unique combination of six separate government rail systems, with three major gauges, is illustrated. Includes private mineral lines and insets depicting the urban railway networks of the five largest cities.

Soil Resources*

This is the first major map of Australia on which soils are depicted in terms of those chemical and physical properties that are of particular importance for land use and land capability.

Statistical Divisions and Local Government Areas

Three successive editions of this map show the basic areas for which statistics have been presented following the population censuses of 1976, 1981 and 1986. The three editions are available separately.

*Also included in volumes of the *Atlas of Australian Resources*, Third Series.



14



Public Lands

AUSTRALIA



1:5 000 000 MAP SERIES

12



Aboriginal Land and Population

2nd edition

AUSTRALIA



1:5 000 000 MAP SERIES

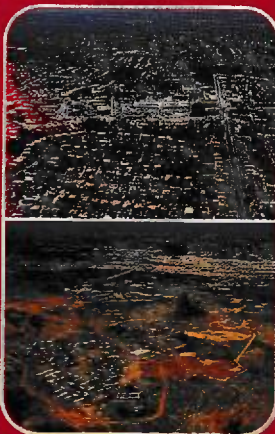
16



Population Distribution

1981 Census

AUSTRALIA



1:5 000 000 MAP SERIES

18



Fuels

AUSTRALIA



1:5 000 000 MAP SERIES



Geology

AUSTRALIA



1:5 000 000 MAP SERIES

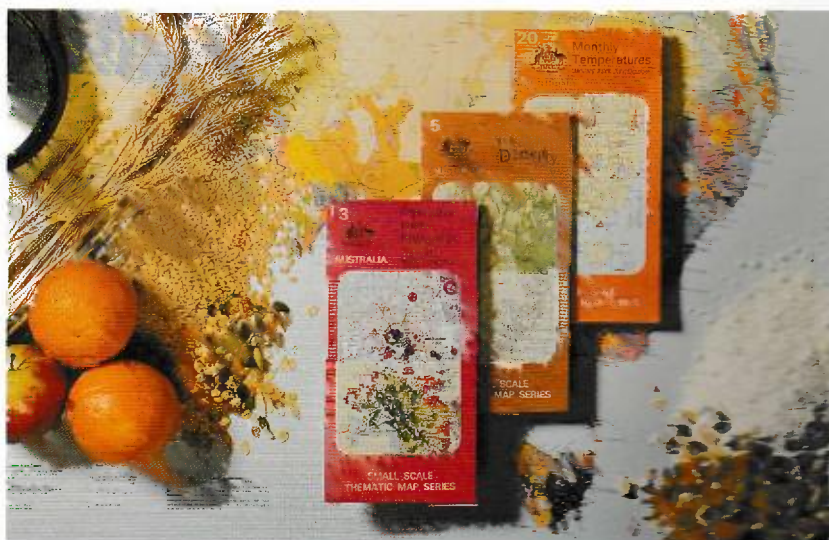
14 SMALL SCALE THEMATIC MAPS

AUSLIG's large selection of thematic maps at scales of 1:10 million and smaller (or covering the major cities at larger scales) includes the following titles:

Cattle*
Climate of Capital Cities*
Commonwealth Electoral Divisions and Election Results—separate editions covering the 1980, 1983 and 1984 federal elections are available
Croplands*
Farm Types*
Federal Election Results 1990
Grazing Density*
Groundwater
Groundwater Use
Median Annual Rainfall*
Monthly Temperatures*
Native Pastures*
Overseas Born Population 1976: Major Urban Areas*
Population Change 1971–76*
Population Change 1971–76: Major Urban Areas*
Population Distribution 1976: Major Urban Areas*
Sheep*
Sown Pastures and Fodder Crops*
Surface Rock Types*
Surface Water Use
Value of Agricultural Production*
Value of Mine Production*
Wheat*

All maps available flat (mostly 75 cm x 43 cm) or folded (11 cm x 21.5 cm).

*Also included in volumes of the *Atlas of Australian Resources*, Third Series.





This latest edition of the atlas is published in a series of bound volumes, each covering several related topics and containing maps at scales ranging from 1:5 million to 1:30 million, with supplementary commentaries by noted subject specialists. Colour photographs, diagrams and summary statistical tables help support the maps and texts. Most 1:5 million and 1:10 million scale maps are also published separately—see the 'Thematic Maps' section of this catalogue.

Each volume is side stitched or perfect bound (30.5 cm x 43.5 cm).

Volume 1 Soils and Land Use (currently out of print)

Two 1:5 million scale maps were specially prepared for this volume. The *Soil Resources Map* summarises the inherent strengths and disabilities for land use of Australia's diverse soils. The *Land Use Map* draws on Landsat satellite imagery to show grazing densities and cropping over the two-thirds of the continent used for agriculture.

Volume 2 Population (currently out of print)

A summary of Australia's population, including a 1:5 million scale map of population distribution and a national map of population change, is followed by details on major cities, where two-thirds of the population live. Three sets of double-page maps, graphs, tables and text sum up population geography information on these eleven 'major urban areas'.

Volume 3 Agriculture

After a brief introduction, this volume deals in turn with pastures, livestock, crops and farms. It contains nine major maps of Australia at 1:10 million scale as well as many smaller maps at 1:20 million scale. The maps and commentaries are closely integrated with the *Land Use Map* and regional descriptions given in *Volume 1*.

Volume 4 Climate

Australia is a land of great climatic contrast and variety. This volume, through some 70 maps and supporting text, describes the main elements which together make up Australia's climate. It examines some effects of climate on the country's population and economy. These include the profound effect climate has on the use of land, the distinctive climates of the eight capital cities, and the major climatic hazards which are so much a part of everyday life in Australia.

Volume 5 Geology and Minerals

Australia, with parts dating back about 3500 million years, is an old continent, and its geology, fuels and minerals are depicted in three 1:5 million scale maps. This volume also makes extensive use of other maps and innovative graphics, tables, photographs and text to trace Australia's long geological history. It covers Australia's origins in the Archaean era to the present, and includes associated mineralisation and development of the nation's vast and widespread mineral resources, particularly over the last two decades.

Current geographical knowledge of Australia's distinctive and diverse vegetation is summarised through two major 1:5 million scale maps, *Natural Vegetation* and *Present Vegetation*, and numerous smaller scale maps. The two 1:5 million scale maps show the broad character of the vegetation, defined in terms of its growth form, foliage cover and predominant genus, in the 1780s and the 1980s. Extensive use was made of satellite imagery in preparing the *Present Vegetation* map, the first to show the actual vegetative cover of the entire continent.

The volume reviews vegetation change during the past two centuries, the major impacts on the original vegetation, and some important environmental consequences. A unique computer-generated map depicts the way in which vegetation has changed.

AUSMAP ATLAS OF AUSTRALIA

This exciting new atlas presents a comprehensive and structured view of Australia. Its 96 A4-size pages include more than 200 maps, some 40 satellite images and aerial photos, about 30 graphics and brief descriptive texts covering 'Australia and the World', 'Where People Live', 'What People Do', 'A Changing Place' (including vegetation, forestry, croplands, fauna and flora, water, soils, and climate and climatic hazards), and 'Reference' (a series of maps covering Australia, its Territories and the rest of the world).

Perfect bound (21 cm x 29.5 cm).



18 SOCIAL ATLASES FOR AUSTRALIAN CITIES

Atlas of the Australian People 1986 Census

This five-volume atlas of computer-generated maps shows population characteristics of Australia's five largest capital cities—Sydney, Melbourne, Brisbane, Adelaide and Perth. The characteristics mapped primarily show the ethnic composition of these five capitals, together with some summary maps on total population and selected age groups. Each volume includes a brief descriptive comparison of the cities mapped.

These volumes, together with companion commentary reports, released separately by the Department of Immigration and Ethnic Affairs, provide a sound foundation from which to develop a more informed understanding of Australia's principal resource—its people.

Each volume is comb bound (34 cm x 42 cm).

Atlas of Population and Housing 1981 Census

Produced in conjunction with the Australian Bureau of Statistics, this atlas provides, at a glance, diverse demographic information on Australia's seven largest capital cities. More than 30 computer-generated maps cover aspects of each city's population, such as its distribution, density, ethnicity, income distribution, age ranges, employment, commuting patterns, and local government and electoral boundaries.

Commentaries by expert geographers, together with summary statistics, graphs and supplementary tables, help the reader to understand more fully the vast amount of information contained in each map.

Volume 1 Canberra
Volume 2 Sydney
Volume 3 Melbourne
Volume 4 Brisbane
Volume 5 Adelaide
Volume 6 Perth
Volume 7 Hobart

Each volume is comb bound (30 cm x 42 cm).

HISTORY OF FEDERAL ELECTORAL REDISTRIBUTIONS 1901-1988

Commonwealth Electoral Redistributions 1901-1988

Produced in conjunction with the Australian Electoral Commission (AEC) for an endorsed Bicentennial project, this atlas is Australia's first consolidated record, in map form, of all Commonwealth electoral divisions since Federation. More than 130 nationwide, State and regional maps depict each of the 10 Commonwealth electoral redistributions up to 1988. An explanation of the Constitutional reasons for these changes is also given.

The atlas is an invaluable reference for research, education, planning and family history studies. It is a major source for anyone investigating the electoral geography of Australia from 1901 onwards.

Spiral bound (42 cm x 42 cm).

TACTUAL ATLAS OF AUSTRALIA

This unique publication, the world's first national tactual atlas, is the result of a collaborative project between an internationally recognised expert in mapping for the blind and AUSLIG staff geographers and cartographers. An integral part of the project involved extensive testing of map symbols and sample maps with blind and visually impaired adults and students.

Map volumes are 42 cm x 30 cm with the maps printed on 106 gsm paper using 'puff ink' formulated to produce easy-to-read tactual images. The *Map User Guide* and commentary volumes are 29 cm x 27.5 cm. Braille text has been obtained through computerised 'interpoint' embossing. The multiple spiral wire binding system used on each volume ensures strength and resistance to tearing.

The *Tactual Atlas of Australia* is comprised of three main parts.

A Map User Guide to Reading Tactual and Low Vision Maps

This publication is the first to provide the visually handicapped with explanations of cartographic concepts and conventions, together with maps and exercises designed to develop skills in reading all types of tactual and low vision maps and graphics.

The *Map User Guide* is produced in two versions: one for braille readers; the other for readers needing bold print, and for parents and teachers assisting braille readers.

Volume 1 General Reference and Physical Environment (Maps and Commentaries)

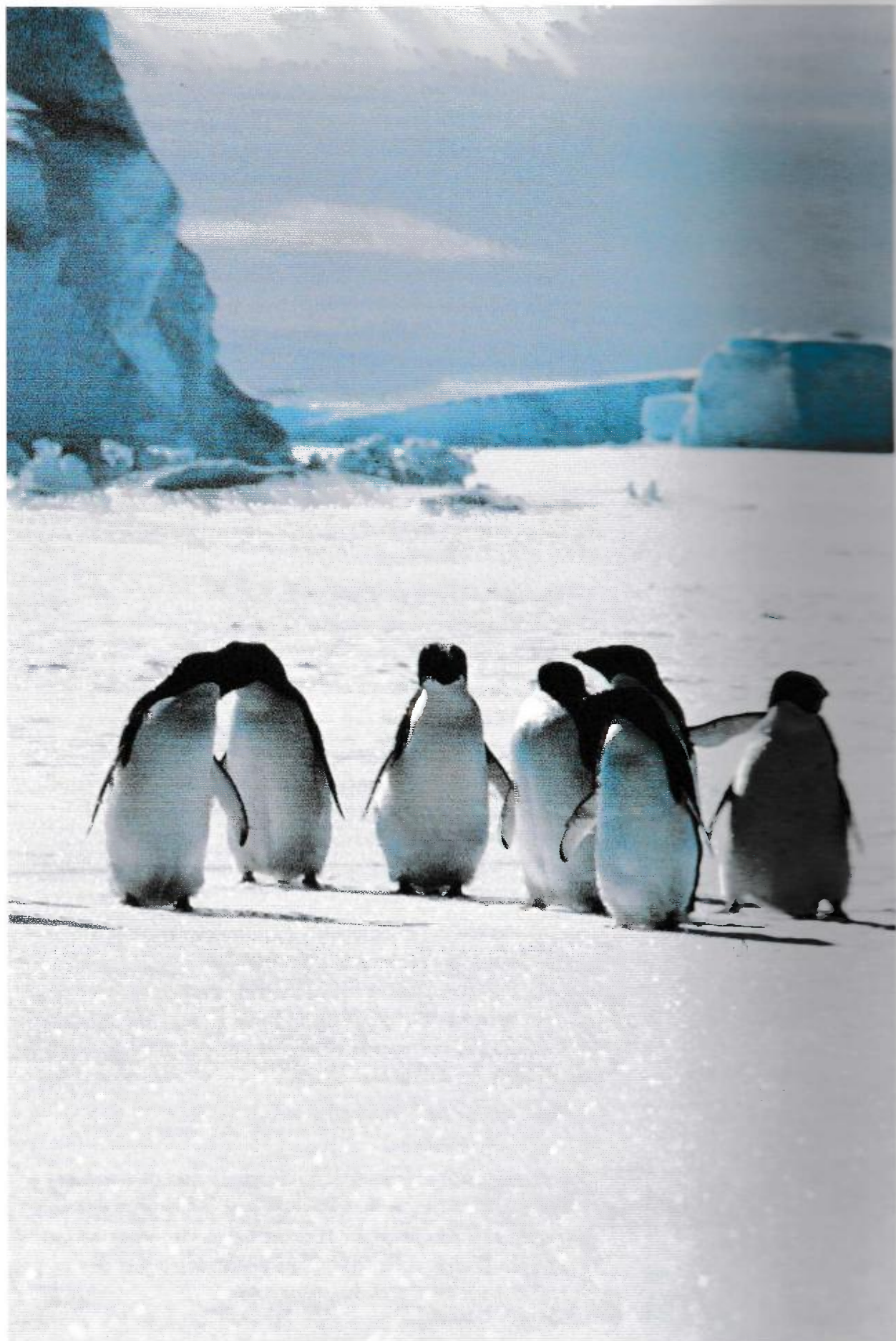
More than 60 maps and commentaries cover the following subjects: Australia and the world, Australia's capital cities, the nation's major towns and geographic features, relief and landforms, rivers and drainage systems, climate and climatic hazards, geology, soils and vegetation. A gazetteer of all names featured on the maps is included in the map volume.

Two separate volumes of explanatory commentaries in braille accompany the map volume. Each commentary provides additional information about the subject mapped as well as a reading strategy designed to improve comprehension by guiding the reader around the map sheet. The commentaries are reproduced in sighted form in the atlas volume for use by people assisting braille readers.

Volume 2 People and Industry (Maps and Commentaries)

Some 45 maps and commentaries, in the same format as described above for *Volume 1*, cover the following subjects: Australia's discovery and exploration, population, land use and agriculture, water storages, minerals and energy, transport and communications, and trade and industry. This volume also contains a gazetteer.





Australia's seven external territories comprise Norfolk Island, the Territory of Heard and McDonald Islands, the Australian Antarctic Territory, the Territory of Cocos (Keeling) Islands, the Territory of Christmas Island, the Coral Sea Islands Territory, and the Territory of Ashmore Reef and Cartier Island. Conventional and/or poster maps covering most of these territories are produced by AUSLIG.

ANTARCTICA

Topographic maps, photomaps, satellite image maps and posters of the Australian Antarctic Territory are available from AUSLIG. See the Australian National Antarctic Research Expeditions (ANARE) *Catalogue of Maps and Hydrographic Charts* produced by the Australian Antarctic Division for a complete listing of these products. Included here are some of the main Antarctic map products.

Antarctica 1:10 Million Scale

An attractive multicoloured map of the entire Antarctic continent. In addition to major rock features, the map shows the shape of the ice cap through contours, spot elevations, ice thicknesses and relief shading. Depth contours depict the bathymetry of the adjacent seas. Scientific stations of the Antarctic Treaty nations are also shown. Heard and Macquarie Islands at 1:250 000 scale and the McDonald Islands at 1:125 000 scale are included as insets. A gazetteer appears on the reverse.

A separate edition of this map also shows territorial claims over the continent and adjacent offshore areas.

Available flat only (76 cm x 84 cm).

Antarctica 1:20 Million Scale

Produced for the Australian Antarctic Division, this map is in its fifth edition. For the first time, an Antarctic map at this scale describes the Antarctic Treaty, names the participating nations and includes an overview on conservation and protection of the Antarctic environment. It also incorporates adjacent continents, bathymetric contours, Territorial claims and a distance chart.

Available flat only (59.5 cm x 42 cm).

Australian National Antarctic Research Expeditions 1947–1966

A superb map of the Australian Antarctic Territory at 1:5 million scale showing the routes of onshore and offshore expeditions under the direction of Group Captain Stuart Campbell (in 1947–48) and Dr Phillip Law (1949–66). Produced in collaboration with the Antarctic Division, this map, supplemented by numerous colour photographs and extensive sections of text, provides a comprehensive record of Australia's long history of involvement in Antarctica.

Available flat (128 cm x 89 cm) or folded (29 cm x 16 cm) with cover.

Cape Denison Historic Site—Commonwealth Bay, Antarctica**1:3 300 Scale**

A concise record of the Australian Antarctic Expedition of 1911–14 led by Dr Douglas Mawson, and subsequent expeditions. This map serves as a visitor's guide to this historic corner of the Australian Antarctic Territory, and includes guidelines for visitors, historic photographs, sketches of the original huts and explanatory text.

Available flat (83 cm x 63 cm) or folded (21 cm x 14 cm) with cover.

**ASHMORE REEF AND
CARTIER ISLAND**

This island territory is shown as an inset on the 1:2.5 million scale general reference map of the Northern Territory—see page 9 for more details.

CHRISTMAS ISLAND**Christmas Island 1:25 000 Scale**

A contoured (interval 10 m) general reference and tourist map of the island showing settlement, mining areas, railways, roads and tracks, and the boundary of Christmas Island National Park.

Available flat only (90 cm x 80 cm).

Christmas Island 1:50 000 Scale

A simplified version of the 1:25 000 scale map (contour interval 20 m).

Available flat only (52 cm x 45 cm).

Christmas Island Settlement 1:10 000 Scale

A two-colour contoured orthophoto map (contour interval 10 m) of the settlement on the north-east corner of the island.

Available flat only (61 cm x 73 cm).

Christmas Island National Park 1:10 000 Scale

A two-colour contoured orthophoto map (contour interval 10 m) of the park.

Available flat only (61 cm x 73 cm).

**COCOS (KEELING)
ISLANDS****Cocos Island North 1:25 000 Scale and
Cocos Island South 1:25 000 Scale**

Produced by the Royal Australian Survey Corps, these two topographic maps (contour interval 10 m) cover the entire Territory including surrounding reefs. North Keeling Island is included as an inset on Cocos Island North.

Available flat only (60 cm x 71 cm).

Cocos (Keeling) Islands 1:50 000 Scale

A general reference map of the Territory (including an inset of North Keeling Island) on one sheet.

Available flat only (48 cm x 61 cm).

**HEARD AND
McDONALD
ISLANDS**

Heard Island 1:50 000 Scale

23

A general map covering Australia's most southerly island territories. The McDonald Islands are included as an inset at 1:25 000 scale. Glacial and other ice features are depicted together with approximate contours at 200 m intervals.

Available flat only (95 cm x 87 cm).

NORFOLK ISLAND

Norfolk Island 1:25 000 Scale

A contoured topographic map (contour interval 20 m) including Phillip Island to the south. Shows roads, tracks and settlements. See also the *Norfolk Island Map and Visitors Guide* in the 'Tourist-related Maps' section of this catalogue.

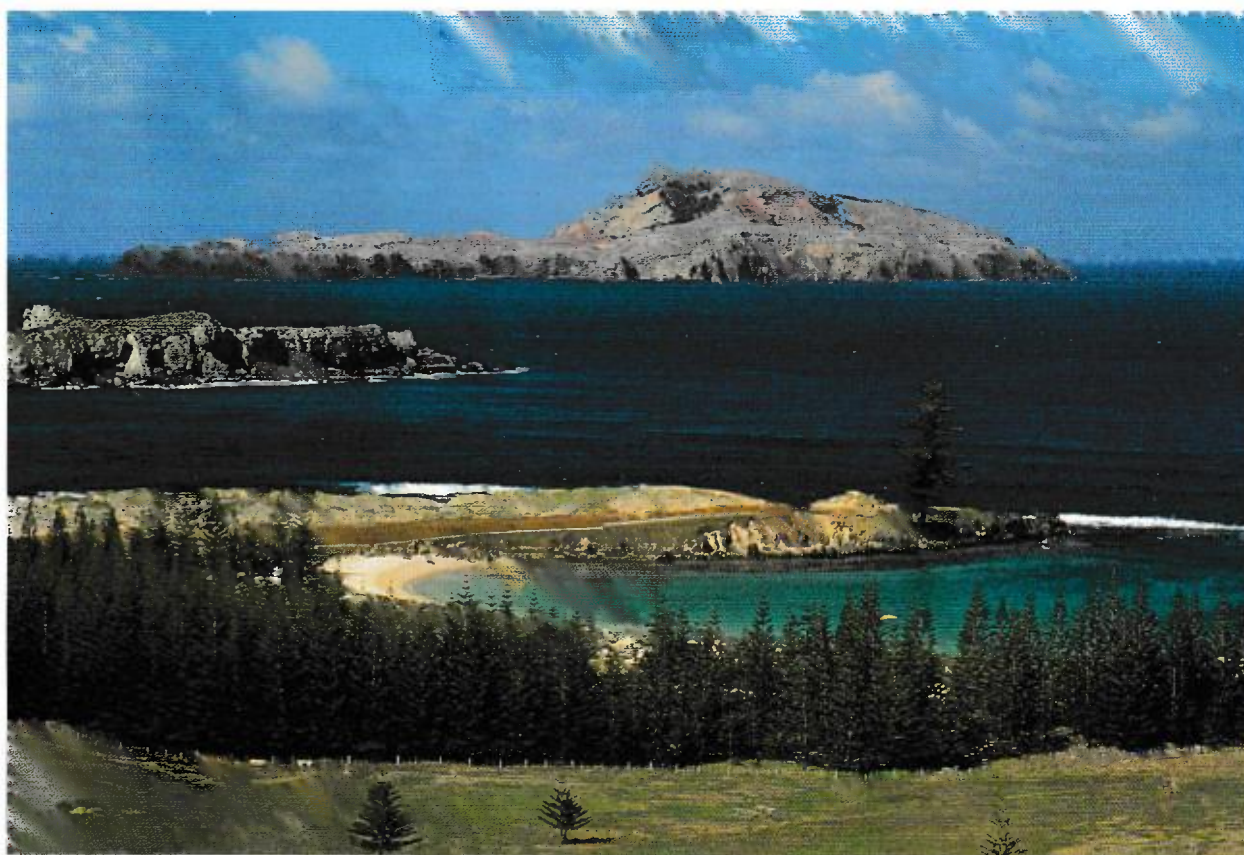
Available flat only (44 cm x 69 cm).

MACQUARIE ISLAND

Macquarie Island 1:50 000 Scale

A contoured general reference map (contour interval 50 m) of Macquarie Island, formally a part of the State of Tasmania. The map includes insets of The Isthmus, site of the ANARE Station on the northern tip of Macquarie Island (at 1:7 500 scale), Judge and Clerk Islands (at 1:50 000 scale), and Bishop and Clerk Islands (at 1:50 000 scale).

Available flat only (58 cm x 81 cm).



POSTERS AND SATELLITE IMAGE MAPS

CANBERRA— A VIEW FROM SPACE IMAGE MAP 1:50 000 SCALE

A new satellite image poster that gives a view of the city of Canberra and the surrounding countryside. Derived by merging datasets from the Landsat Thematic Mapper and SPOT satellites which periodically pass over Australia, the poster provides a wealth of information as well as a pleasing visual image.

Available flat only (69 cm x 99 cm).

AUSTRALIAN CAPITAL TERRITORY SATELLITE IMAGE MAP 1:100 000 SCALE

This attractive satellite image map features 'soft', or 80 per cent intensity, Landsat Thematic Mapper imagery superimposed on the 1:100 000 topographic map of the Australian Capital Territory. Contours and relief shading have been removed from the topographic map to maximise the dramatic effect of the satellite imagery in representing the rugged nature of much of the countryside and the diverse range of uses to which the land is put.

Available flat (68 cm x 99 cm) or folded (17 cm x 25 cm).

JERVIS BAY 1:50 000 SCALE

A poster map produced from aerial photography flown by AUSUG. The original full-colour photography is reproduced in several colours with a detailed nomenclature overlay added.

Available flat only (68 cm x 97 cm).

NORFOLK ISLAND 1:15 000 SCALE

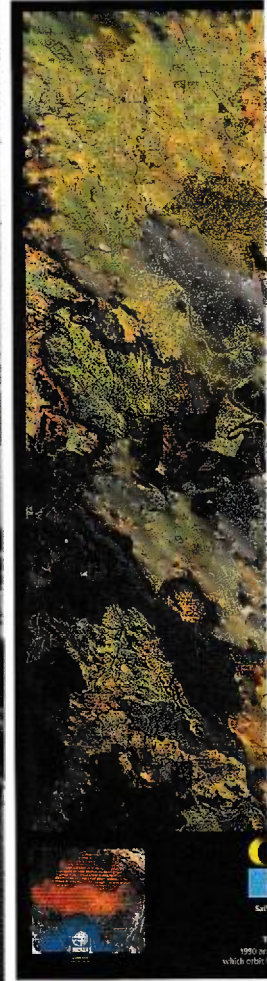
Coloured aerial photography has been used to create this appealing poster, which also includes coloured photographs and brief descriptions of points of historical interest.

Available flat only (68 cm x 97 cm).

PARLIAMENT HOUSE RISING

This coloured poster graphically portrays the construction of Australia's new Parliament House on Capital Hill in Canberra through a series of nine coloured aerial photographs taken between September 1980 (before construction commenced) and February 1988 (the year Parliament House was officially opened).

Available flat only (70 cm x 100 cm).



TECHNICAL PUBLICATIONS

MASTER NAMES FILE

All the names appearing on the 1:100 000 and 1:250 000 scale topographic maps produced by AUSLIG are available as nine standard microfiche on AUSLIG's *Master Names File (MNF)*. The names are listed alphabetically and include:

- feature code;
- latitude and longitude in degrees and minutes;
- the 1:250 000 map sheet on which the feature appears;
- the 1:100 000 map sheet on which the feature appears; and
- State or Territory.

The MNF is also available on floppy disk or magnetic tape as a standard product or customised to a client's requirements.

LANDSEARCH DIRECTORY

Landsearch Directory, second edition, is a record of approximately 1000 land-related datasets held by Commonwealth agencies. For this directory, land-related was broadly interpreted as referring to any data which could be referenced spatially, i.e. to some location. Referenced locations include Australia and offshore territories, such as Antarctica. The datasets cover diverse topics ranging from population statistics to crop yields.

AUSTRALIAN GEODETIC DATUM TECHNICAL MANUAL

Coordinates on the Australian Geodetic Datum (AGD) provide a firm foundation on which lower order surveys and all mapping can be based. They also provide a basis for a point reference system on which any point in Australia can be described in precise and unambiguous terms. This manual defines the AGD, the Australian Map Grid, the World Geodetic System and its use as a geodetic datum, the Australian Height Datum, and standard symbols, terms and sign conventions. It provides information on the reduction of slope distances to the spheroid, and on geoid-spheroid separation for the Australian National Spheroid. It shows how to adapt certain formulae for simplified computations, and how to use grid references. Its numerical examples are set out in such a way so as to facilitate the construction of a logic diagram from which it would be possible to write a computer program in any given language for any given computer or programmable calculator.

AUSTRALIAN GEODETIC DATUM TECHNICAL MANUAL SUPPLEMENT

This calculator supplement was produced in conjunction with the *Australian Geodetic Datum Technical Manual*. The AGD software, written specifically for verifying field observations, is four separate programs. They are: AGD mainline, which controls input and output; INV, for calculations on the spheroid; S-G, for calculations between spheroid and grid; and GRI, for calculations on the Universal Transverse Mercator grid.

**A NATIONAL
SPECIFICATION FOR
TACTUAL AND LOW
VISION TOWN MAPS**

Tactual and low vision maps require more uniformity of approach, **27**
scale and symbolism than traditional maps. This national
specification will ensure that town maps produced for the blind and
partially sighted people are uniform throughout the country.

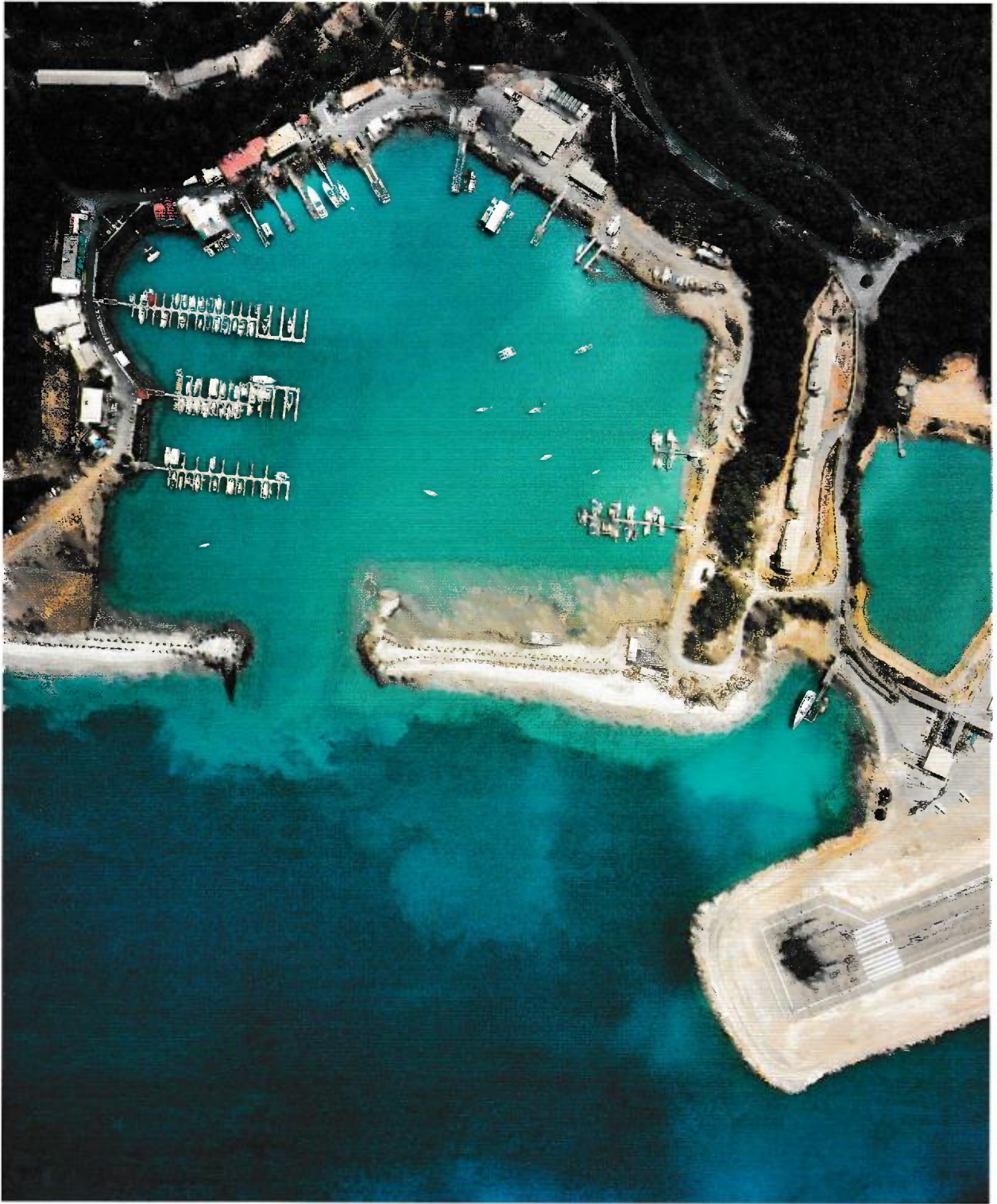
**SYMBOLS FOR
TACTUAL AND LOW
VISION TOWN MAPS**

In addition to a sample map, this publication contains examples of
symbols for town maps. Mobility instructors, educational groups and
libraries can use it to teach the visually impaired to read and use tactual
and low vision maps.

**ANTARCTICA,
A CATALOGUE OF
MAPS AND CHARTS**

This fifth edition of *Antarctica, A Catalogue of Maps and Charts* has
been compiled from information supplied by member nations of the
Scientific Committee on Antarctic Research. Part 1 shows the
cartographic material published by each member nation and the
International Hydrographic Bureau. Part 2 contains listings of all maps
and charts according to the quadrants in which they are located. Also
available on floppy disk.





A title strip is printed on the edge of each full frame photograph.

AUSLIG is responsible for the records and custody of Commonwealth vertical and oblique aerial photography which was begun in 1928. The photographs are an important adjunct to maps because they provide an accurate historical record of the land at the time they were taken. They are of tremendous value to geologists, mining and exploration companies, land developers and planners, environmentalists, farmers, soil conservationists, other landcare groups and the general public.

The majority of the landmass of Australia is covered by black and white photography at 1:80 000 scale. AUSLIG also has a large collection of colour and infra-red photography at scales ranging from 1:2 500 to 1:150 000 over selected urban and rural areas. Photographs can be supplied as:

- photographic paper prints (23 cm x 23 cm);
- enlargements to a specific scale or by a particular ratio up to a maximum size of 114 cm square; and
- film diapositives.

Photographs taken on colour film can be reproduced as black and white prints; ordinary colour prints or transparencies, free of colour bias with adjacent photographs colour matched; or limited colour-corrected prints.

Requests about the availability of aerial photography should, if possible, be accompanied by either a map extract, geographical description or a diagram of your area of interest. Alternatively you can request a copy of the appropriate flight diagram and select the photos yourself. AUSLIG can readily supply A4-size copies of flight diagrams. A sample diagram is shown on the following page. A complete set of flight diagrams for each State or for the whole of Australia is also available on microfiche.

Contact:

AUSMAP Photo Sales

Tel. 06 201 4313

Fax 06 201 4367

Toll Free 008 800 173

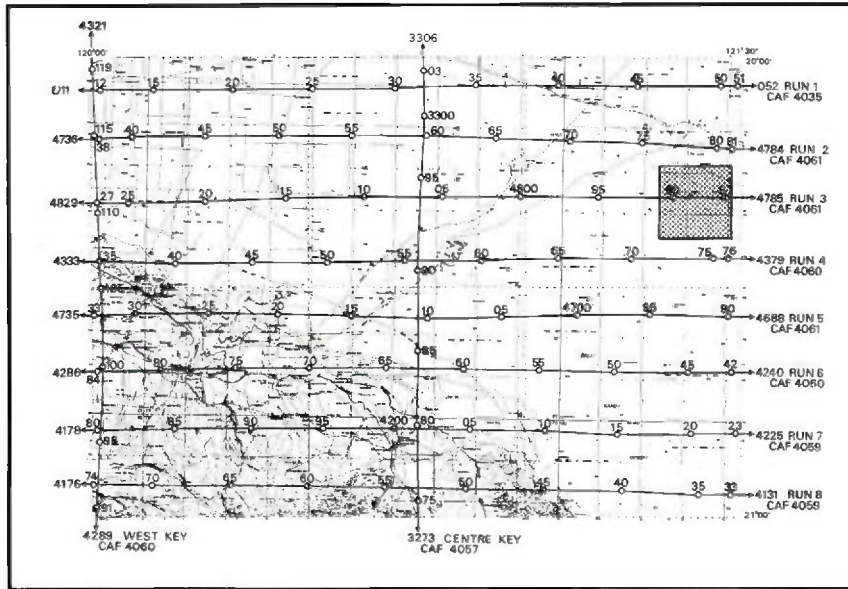
AUSLIG, equipped with its own aircraft and camera, is able to acquire colour and black and white photography for a customer's own requirements. Contact:

AUSLIG Air Photography Services

Tel. 03 649 4651

Fax 03 629 3196

YARRIE



FILM NO.	RUN	DATE	CAMERA & F.L. (mm)	SCALE	FILM TYPE
CAF 4035	1	22-5-67	RC 8 88.45mm	1:80 000	B&W
CAF 4057	C-KEY	17-5-68	RC 9 88.45mm	1:80 000	B&W
CAF 4059	2-B	30-5-68	RC 9 88.45mm	1:80 000	B&W
CAF 4060	5	30-5-68	RC 9 88.45mm	1:80 000	B&W
CAF 4060	W-KEY	30-5-68	RC 9 88.45mm	1:80 000	B&W
CAF 4060	4	31-5-68	RC 9 88.45mm	1:80 000	B&W
CAF 4061	2-3-5	1-6-68	RC 9 88.45mm	1:80 000	B&W

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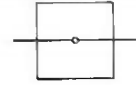
FILM NO.	RUN	DATE	CAMERA & F.L. (mm)	SCALE	FILM TYPE

AERIAL PHOTOGRAPHY FLIGHT DIAGRAM

STANDARD MAPPING
PHOTOGRAPHY

80% Forward overlap

APPROXIMATE AREA COVERED BY ONE PHOTOGRAPH



INDEX TO AERIAL PHOTOGRAPHY 1:250 000 SHEET 15

REGION	SHEET	NUMBER
YARRIE	SF51-1	1
YARRIE	SF51-2	2
YARRIE	SF51-3	3
YARRIE	SF51-4	4

YARRIE SF51-1



Approximate scale 1:1 000 000



A sample flight diagram

The shaded area shows how an individual photograph is referenced by map number, map name, film number, run number and photograph number. The photograph over YARRIE is referred to as: SF 51-1 YARRIE, CAF 4061, run 3, photo 4788.

AUSLIG is able to offer monochrome film copies of all of its graphical products, including topographic map compilations. They can be supplied as either a positive (black image on a transparent base) or a negative (transparent image on a black base).

The films are stable-based products which can be produced as either a precise same-size product or as an enlargement or reduction either to a specific scale requirement or by a specified ratio. Customised composites can also be provided.

These films can be provided in either clear or matt film. In addition, paper or film dyeline copies can be provided.

Copyright/Royalties

Client requests for AUSLIG film copies must be made in writing and must specify the intended use of the material requested. AUSLIG permission is required before clients may reproduce film copies, and in certain circumstances AUSLIG will charge royalties and/or fees.

Ordering

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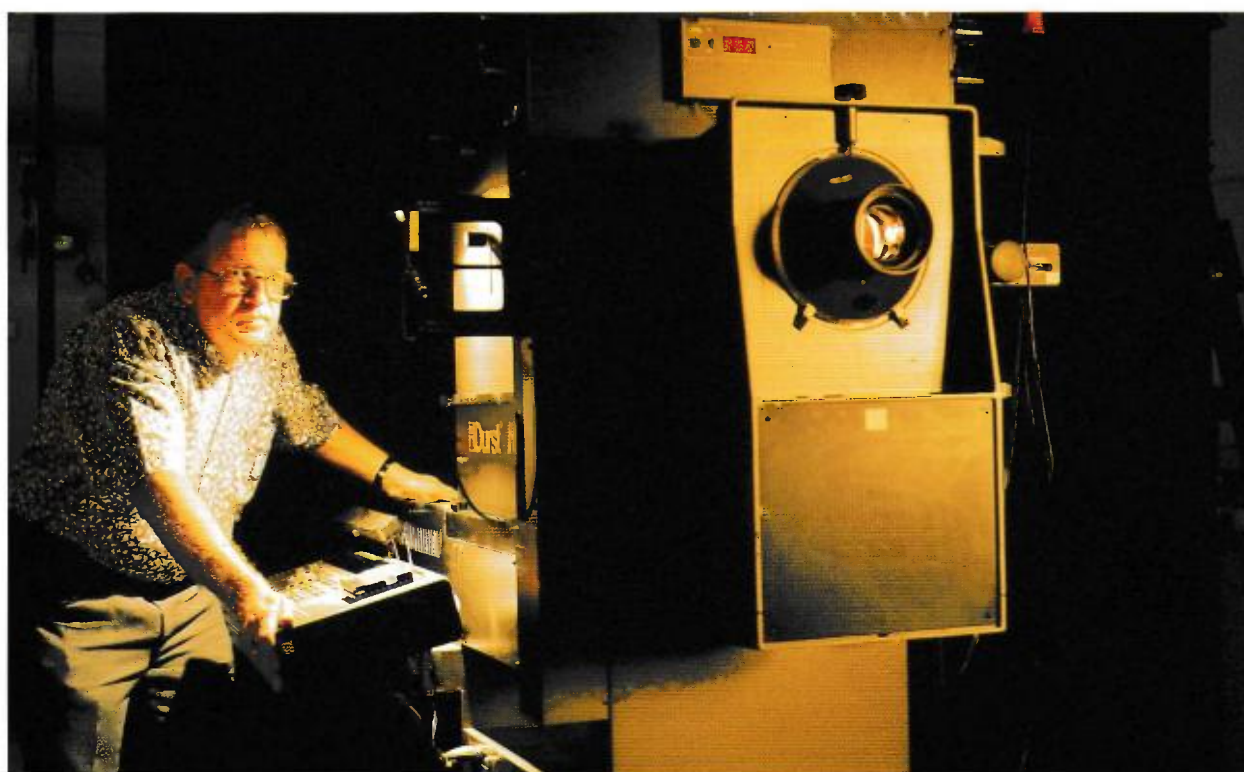
AUSMAP Sales

PO Box 2

Belconnen ACT 2616

Tel. 06 201 4314

Fax 06 201 4367



GENERAL INFORMATION

Price Lists

Price lists of all AUSMAP products are available from:

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Outlets for AUSMAP Products

All AUSLIG maps, atlases and publications shown in this catalogue are available from or can be ordered through more than 300 retail outlets throughout Australia and overseas, mainly specialist map shops, outdoor leisure shops and bookshops. Some outlets stock only those products applicable to their local area. A list of our retail outlets is available on request from the above address. If you have difficulty obtaining any product, you can order direct from AUSLIG at the above address.

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Satellite Imagery: Tel. 06 252 4411
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CREDITS

Artwork

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Photography

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