Australian Government

Geoscience Australia

© Australian Government 2002
No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise.

Map Reliability

Topographic information checked from 2001 satellite imagery, and supplemented using other sources in 2001.
This map was not field checked and some information may not be accurate.

About the NATMAP Series

Geoscience Australia produces over 500 maps at 1:250 000 scale in this NATMAP series which covers Australia. They are used by professional and recreational users and are available both flat and folded. A corresponding data product, GEODATA TOPO- 250K is also available.

Your Feedback is Welcome

If you discover errors or omissions on the map, please let us know via the map amendments page on our web site 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.
e- mail: mapfeedback@ga.gov.au

Acknowledgments

Geoscience Australia gratefully acknowledges contributions to map content. Information is supplied by the Australian Government, State and local governments, private sector agencies and individuals. A comprehensive list is available from our web site.

Contact

Geoscience Australia
GPO Box 378 Canberra ACT 2601
Tel: 02 6249 9966 Fax: 02 6249 9960
NATMAP Freecall: 1800 800 173
Web: www.ga.gov.au

The Australian Government agency providing
SPATIAL INFORMATION FOR THE NATION

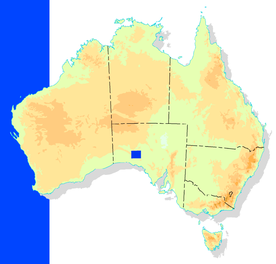
9 314231 102428

SH53-09
EDITION 2

NATMAP 2001
TOPOGRAPHIC MAP
1:250 000 SCALE (1cm to 2.5km)

Barton

SOUTH AUSTRALIA



MAURICE SH52-08	TALLARINGA SH53-05	COOBER PEDY SH53-09
OOLDEA SH52-12	BARTON SH53-09	TARCOOLA SH53-10
NULLARBOR SH52-16	FOWLER SH53-13	CHILDARA SH53-14

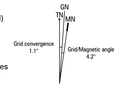
GDA

About this Map

Projection.....Map Grid of Australia 1994 (MGA94)
Universal Transverse Mercator on GRS80 ellipsoid
Horizontal Datum.....Geocentric Datum of Australia 1994 (GDA94) equivalent to WGS84
Vertical Datum.....Australian Height Datum (AHD)
Horizontal Accuracy.....+/- 140 metres
Vertical Accuracy.....+/- 25 metres
Elevations in metres; 50 metre contour interval

True North (TN), Grid North (GN) and Magnetic North (MN) are shown diagrammatically for the centre of the map

MN is correct for 2001 and moves easterly by 0.1° in about 4 years



How to Quote a Grid Reference for a Particular Point

Blue numbers on the map grid lines are 10 000 metre intervals

Example: *Pidinga Rockhole*
1. Quote this map..... Barton
2. Read letters identifying 100 000 metre square containing the point..... KF
3. Locate the vertical grid line to the left of the point and read large number on the grid line..... 2
4. Estimate tenths from the grid line to the point..... 6
5. Locate the horizontal grid line below the point and read large number on the grid line..... 8
6. Estimate tenths from the grid line to the point..... 7

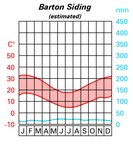
Thus the reference for *Pidinga Rockhole* is..... Barton KF2687

100 000 metre square identification

KG	LG
KF	LF

Grid zone 53J

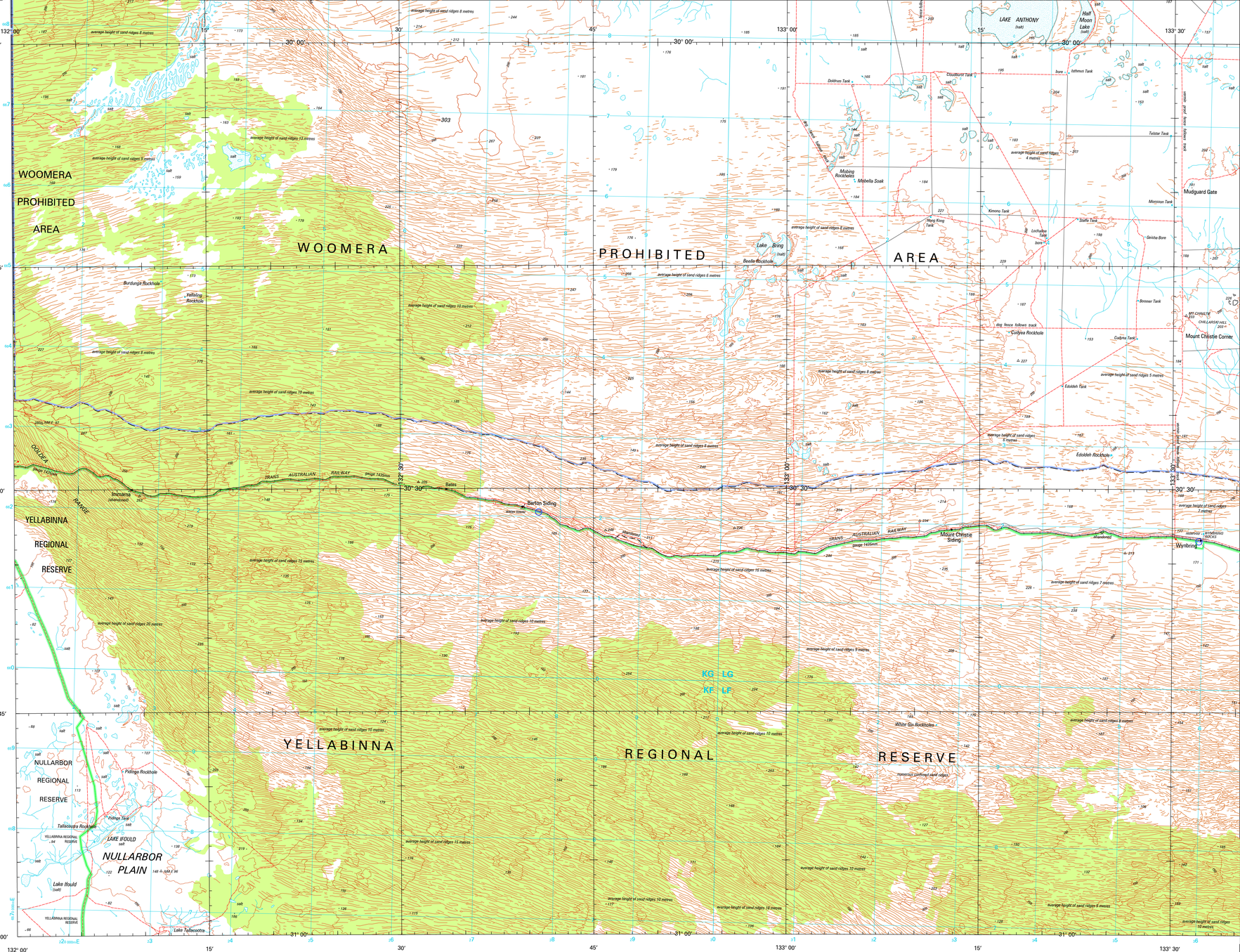
Climatic Graph



Source: Australian Bureau of Meteorology

Legend

Dual carriageway; Distance in kilometres
Principal road; Locality; Built-up area (sealed / unsealed)
Secondary road; Bridge; Causeway
Minor road (access & condition not assured)
Vehicle track (access & condition not assured)
Route marker: National, State
Gate; Stock grid
Embankment; Cutting
Landing ground; Airport; Heliport
Multiple track railway; Station or siding
Single track railway; Bridge; Tunnel
Powerline (110 kV and over)
Homestead; Building/s; Ruin
Chimney; Silo; Tower
Fence; Levee; Open cut mine
Mine; Windpump; Yard
Contour with value; Depression contour
Horizontal control point; Spot elevation
Sand; Sand dunes
Sand ridges; Pinnacle; Cliff
Forest, wood or shrub land; Rainforest
Plantation; Urban recreation parkland
Orchard or vineyard; Windbreak
Bore or well; Spring; Tank or small dam
Watercourse (presence of water not implied)
Subject to inundation; Swamp
Lake: Perennial, Non-perennial; Waterhole
Wreck: Submerged, bare or awash
Foreshore flat; Lighthouse
Shoal; Tidal ledge or reef; Mangrove
Rock: Submerged, bare or awash; Breakwater
Jetty or pier; Wharf; Saline coastal flat
State or Territory border
Reserved area boundary
Prohibited area boundary



SCALE 1:250 000

Kilometres 0 5 10 15 20 25 30 35 40 45 50 Kilometres

NATMAP produced by Geoscience Australia
© Australian Government 2002, GEOCAT 45422

BARTON SH53-09
SOUTH AUSTRALIA, EDITION 2