Australian Government

Geoscience Australia

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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.

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The Australian Government agency providing
SPATIAL INFORMATION FOR THE NATION

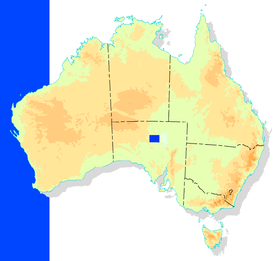
9 314231 102855

SH53-03
EDITION 2

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

Warrina

SOUTH AUSTRALIA



WINTINNA SG53-14	OODNADATTA SG53-15	NOOLYEANA SG53-16
MURLOCOPPIE SH53-02	WARRINA SH53-03	LAKE EYRE SH53-04
Coober Pedy COOBER PEDY SH53-06	BILLA KALINA SH53-07	CURDIMURKA SH53-08

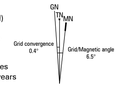
GDA

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 less than 0.1° in 10 years



How to Quote a Grid Reference for a Particular Point

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

Example: △ *MT MARGARET*
1. Quote this map..... Warrina
2. Read letters identifying 100 000 metre square containing the point..... PJ
3. Locate the vertical grid line to the left of the point and read large number on the grid line..... 0
4. Estimate tenths from the grid line to the point..... 5
5. Locate the horizontal grid line below the point and read large number on the grid line..... 4
6. Estimate tenths from the grid line to the point..... 9

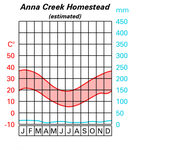
Thus the reference for △ *MT MARGARET* is..... Warrina PJ0549

100 000 metre square identification

NK	PK
NJ	PJ
NH	PH

Grid zone 53J

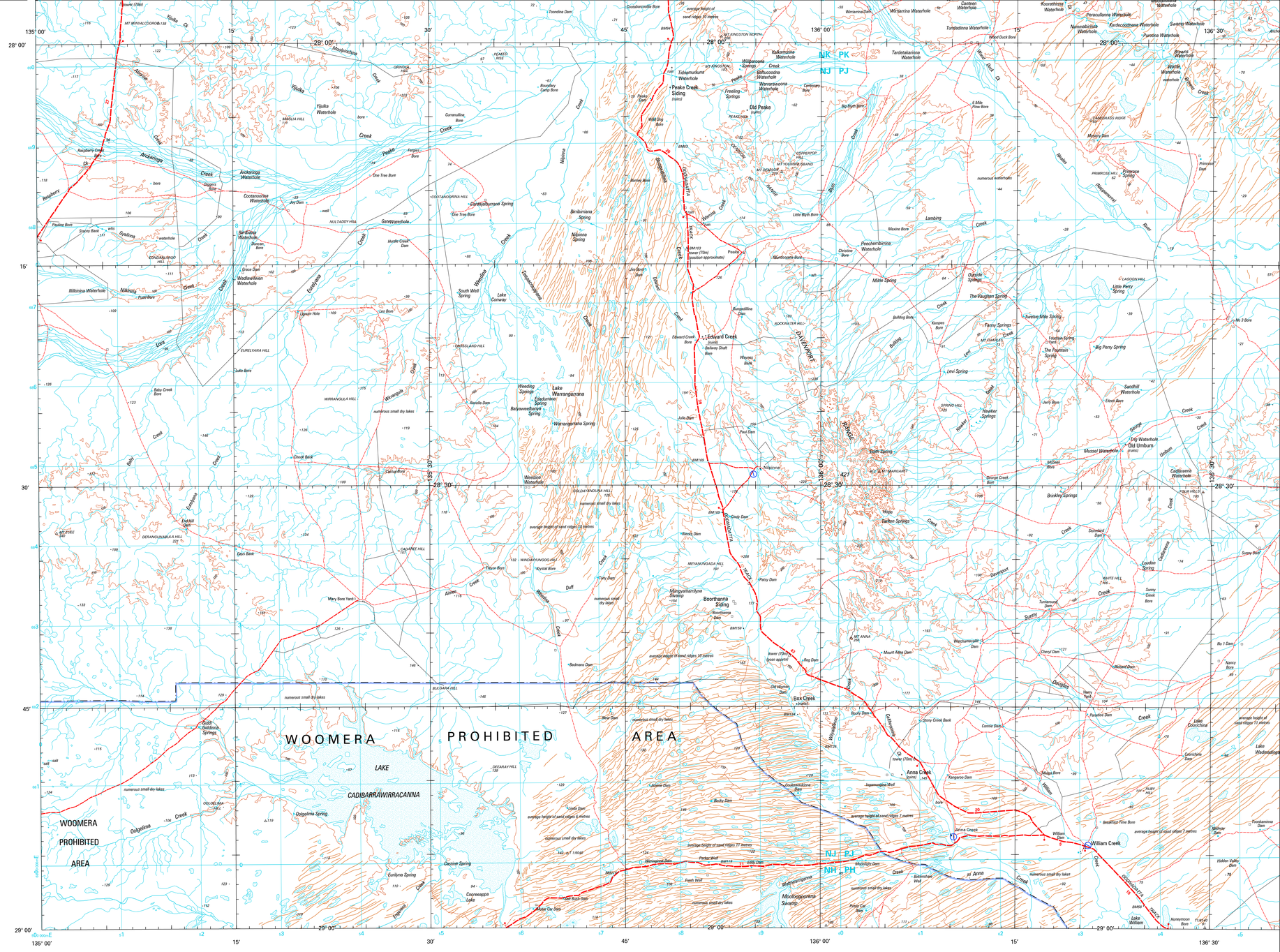
Climatic Graph



Source: Australian Bureau of Meteorology

Legend

	sealed	unsealed
Dual carriageway; Distance in kilometres	23	
Principal road; Locality; Built-up area		
Secondary road; Bridge; Causeway		
Minor road (access & condition not assured)		
Vehicle track (access & condition not assured)		
Route marker: National, State	1	1
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		904
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		


135° 00'
15'
30'
45'
136° 00'
15'
30'
45'
136° 30'
28° 00'
28° 30'
29° 00'
WOOMERA
PROHIBITED
AREA
LAKE
CADIBARRAWIRRACANNA
WOOMERA
PROHIBITED
AREA
NK PK
NJ PJ
NH PH
Edward Creek
Nilpinna
Anna Creek
William Creek
Boorthanna Siding
Box Creek
Old Peake
Peake Creek Siding
Lake Eyre
Lake Eyre South
Lake Gordon
Lake Hart
Lake Frome
Lake Torrens
Lake Gairdner
Lake Acraman
Lake Everard
Lake Gairdner
Lake Eyre
Lake Frome
Lake Torrens
Lake Gairdner
Lake Acraman
Lake Everard
Lake Eyre South
Lake Gordon
Lake Hart