Australian Government
Geoscience Australia

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Map Reliability

Topographic information checked from 2002 satellite imagery, and supplemented using other sources in 2002.
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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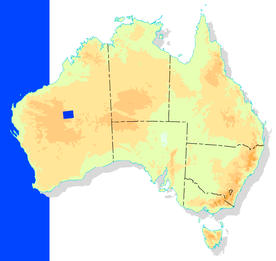
The Australian Government agency providing
SPATIAL INFORMATION FOR THE NATION

9 314231 100912

NATMAP 2002
TOPOGRAPHIC MAP
1:250 000 SCALE (1cm to 2.5km)

Trainor

WESTERN AUSTRALIA



ROBERTSON SF51-13	GUNANYA SF51-14	RUNTON SF51-15
BULLEN SG51-01	TRAINOR SG51-02	MADLEY SG51-03
NABBERU SG51-05	STANLEY SG51-06	HERBERT SG51-07

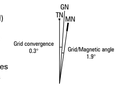
GDA

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 2 years



How to Quote a Grid Reference for a Particular Point

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

Example: - RIPPLE HILL
1. Quote this map..... Trainor
2. Read letters identifying 100 000 metre square containing the point..... UP
3. Locate the vertical grid line to the left of the point and read large number on the grid line..... 8
4. Estimate tenths from the grid line to the point..... 4
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..... 2

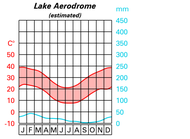
Thus the reference for - RIPPLE HILL is..... Trainor UP8442

100 000 metre square identification

UP	VP	WP
UN	VN	WN

Grid zones 51J and 51K

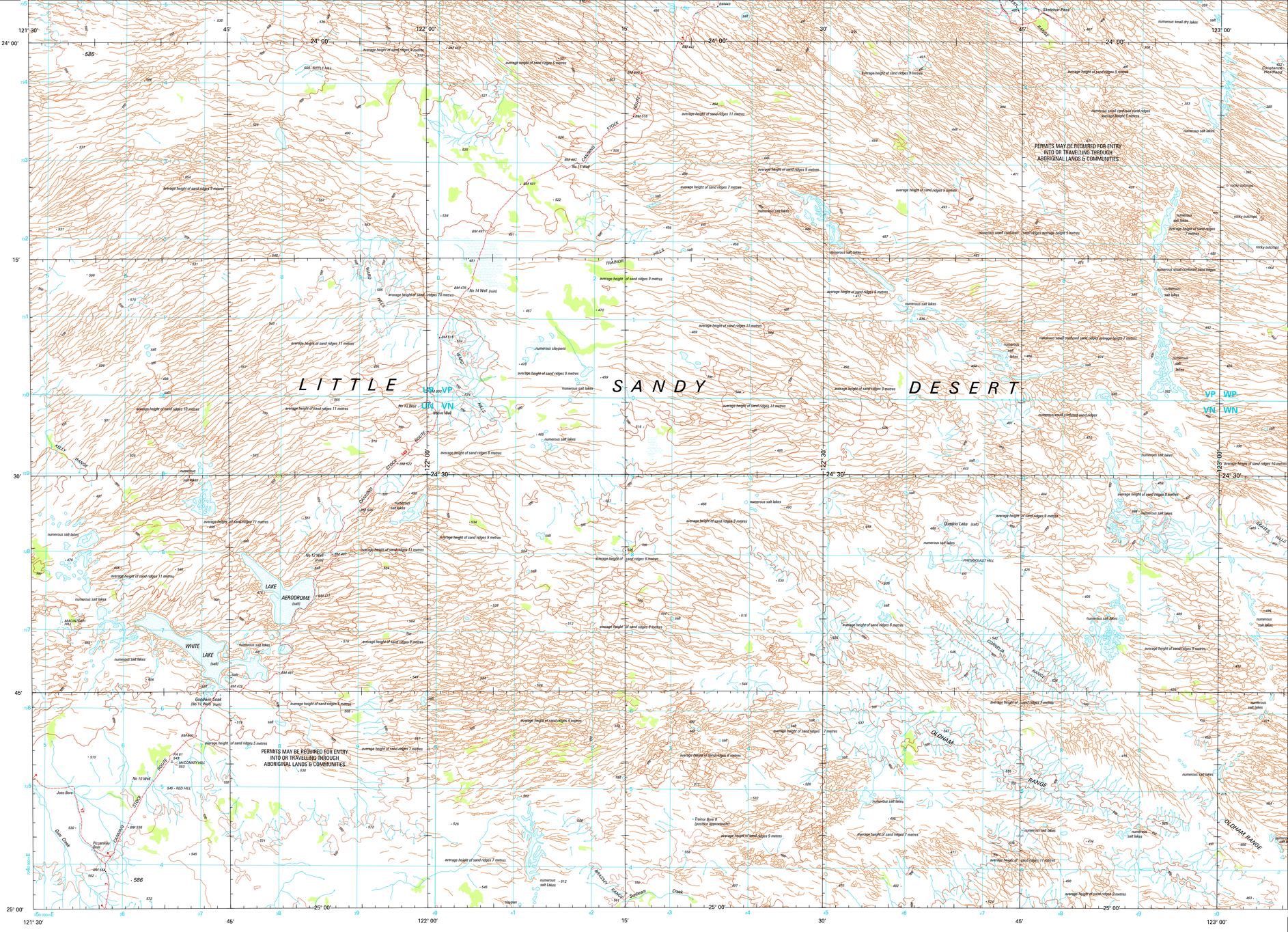
Climatic Graph



Source: Australian Bureau of Meteorology

Legend

Dual carriageway; Distance in kilometres
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
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

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TRAINOR SG51-02
WESTERN AUSTRALIA, EDITION 2