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

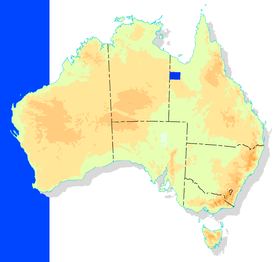
9 314231 103210

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

SE54-13
EDITION 2

Camooweal

QUEENSLAND



MOUNT DRUMMOND SE53-12	LAWN HILL SE54-09	DONORS HILL SE54-10
RANKEN SE53-16	CAMOOWEAL SE54-13	DOBBYN SE54-14
AVON DOWNS SF53-04	MOUNT ISA SF54-01	CLONCURRY SF54-02

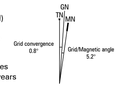
GDA

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 OXIDE*
1. Quote this map..... Camooweal
2. Read letters identifying 100 000 metre square containing the point..... UD
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..... 4
5. Locate the horizontal grid line below the point and read large number on the grid line..... 3
6. Estimate tenths from the grid line to the point..... 9

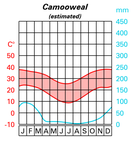
Thus the reference for *MT OXIDE* is..... Camooweal UD2439

100 000 metre square identification

SE	TE	UE
SD	TD	UD
SC	TC	UC

Grid zone 54K

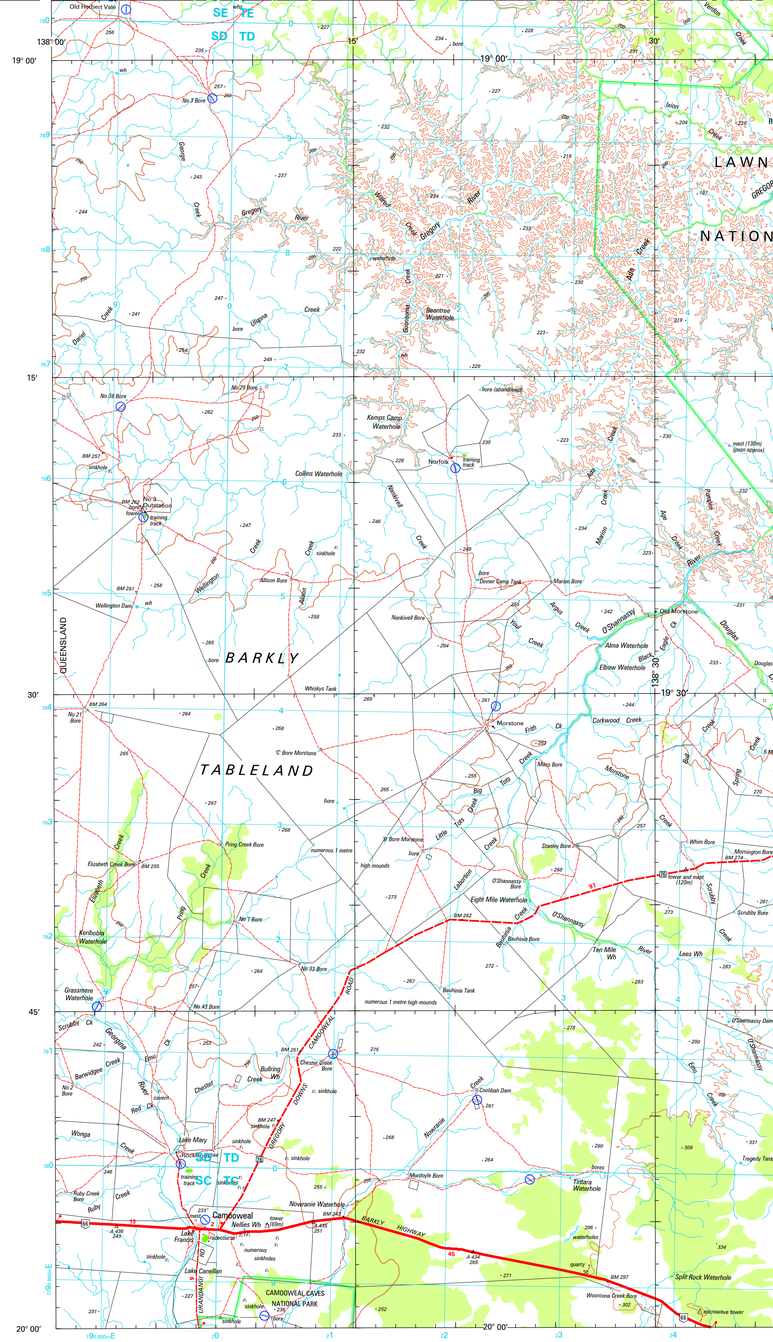
Climatic Graph



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

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CAMOOWEAL SE54-13
QUEENSLAND, EDITION 2