

## Metadata

<b>Dataset</b>	
Title	Thermal Climate Zone Classification (base climate related classification datasets )
<b>Custodian</b>	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
<b>Description</b>	
Abstract	The grid shows the temperature/humidity classification indices across Australia in the form of two-dimensional array data. The classification is based on the standard 30-year period (1961-1990) rainfall and temperature grids. See LINEAGE below for more information.
Search Word(s)	Gridded, spline, analyses, climatology, rainfall, meteorology, classification, temperature, humidity
Geographic Extent Names(s)	Australia
General Category	Gridded climatological data
General Custodian Jurisdiction	Australian Government Australia
Geographic Extent Polygon	Not applicable
Geographic Bounding Box	See below
North Bounding Latitude	-8.222
South Bounding Latitude	-45.295
East Bounding Longitude	160.658
West Bounding Longitude	104.798
<b>Data Currency</b>	
Beginning Date	1961
Ending Date	1990
<b>Dataset Status</b>	
Progress	Completed
Maintenance and Update frequency	Ongoing
<b>Access</b>	
Stored Data Format	Arc/Info grids – all Australia
Available Format	ASCII row major, Arc/Info grid Interchange (.e00), Shapefiles.

Type	
Access Constraint	Please note that the copyright for any data supplied by the Bureau of Meteorology is held in the Commonwealth of Australia and the purchaser shall give acknowledgement of the source in reference to the data. Apart from dealings under the Copyright Act 1968, the purchaser shall not reproduce (electronically or otherwise), modify or supply (by sale or otherwise) these data without written permission from the supplier. Please contact us (see details below) for more information.
<b>Data Quality</b>	
Lineage	<p>The classification was based on average January maximum temperature, average 3 pm January water vapour pressure, average July mean temperature and annual heating degree days grids.</p> <p>For more information click on the following site  <a href="http://www.bom.gov.au/climate/environ/travel/mapconst.shtml">http://www.bom.gov.au/climate/environ/travel/mapconst.shtml</a></p> <p>These base grids were generated using the ANU (Australian National University) 3-D Spline (surface fitting algorithm). The resolution of the data is 0.025 degrees ( approximately 2.5km) - as part of the 3-D analysis process a 0.025 degree resolution digital elevation model (DEM) was used.</p> <p>All input station data underwent a high degree of quality control before analysis, and conform to WMO (World Meteorological Organisation) standards for data quality.</p> <p>Grid-point indices on the classification grid are as follows:</p> <ol style="list-style-type: none"> <li>1 hot humid summer</li> <li>2 warm humid summer</li> <li>3 hot dry summer, mild winter</li> <li>4 hot dry summer, cold winter</li> <li>5 warm summer, cool winter</li> <li>6 mild warm summer, cold winter</li> </ol>
Positional Accuracy	The observational (station) data on which the analyses were based have an associated accuracy of the order of 0.01 degrees (approximately 1km) or better.
Attribute Accuracy	Grid point data are post –processed. For more information (metadata) on observing stations please contact us.
Logical Consistency	Not applicable
Completeness	No missing data
<b>Contact Information</b>	
Contact Organisation	Bureau of Meteorology
Contact Position	Climate Data Services
Mail Address	PO BOX 1289, Melbourne 3001, Australia
Locality	
State	Victoria
Country	Australia
Postcode	3001

Telephone	(03) 9669 4082
Facsimile	(03) 9669 4515
Electronic Mail	<a href="mailto:climatedata@bom.gov.au">climatedata@bom.gov.au</a>
<b>Metadata date</b>	
Metadata date	2006
Additional Metadata	Additional information available on request (see contact above)