

Metadata

Dataset	
Title	Koeppen climate classification (base climate related classification datasets)
Custodian	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
Description	
Abstract	The grid shows the Koeppen classification indices across Australia in the form of two-dimensional array data. The classification is based on 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
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	-9.975
South Bounding Latitude	-44.00
East Bounding Longitude	154.025
West Bounding Longitude	112.00
Data Currency	
Beginning Date	1961
Ending Date	1990
Dataset Status	
Progress	Completed
Maintenance and Update frequency	Ongoing
Access	
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.
Data Quality	
Lineage	<p>The classification was based on mean monthly and annual rainfall, maximum temperature and minimum temperature grids.</p> <p>For more information see : Stern, H., de Hoedt, G. and Ernst, J. 1999. Objective classification of Australian climates. Aust. Met. Mag. 49 (2000) 87-96.</p> <p>The 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> <p><u>Equatorial</u> 42 rainforest (monsoonal) 41 savanna</p> <p><u>Tropical</u> 37 rainforest (persistently wet) 36 rainforest (monsoonal) 35 savanna</p> <p><u>Subtropical</u> 34 no dry season 33 distinctly dry summer 32 distinctly dry winter 31 moderately dry winter</p> <p><u>Desert</u> 24 hot (persistently dry) 23 hot (summer drought) 22 hot (winter drought) 21 warm (persistently dry)</p> <p><u>Grassland</u> 15 hot (persistently dry) 14 hot (summer drought) 13 hot (winter drought) 12 warm (persistently dry) 11 warm (summer drought)</p> <p><u>Temperate</u></p>

	9 no dry season (hot summer) 8 moderately dry winter (hot summer) 7 distinctly dry (and hot) summer 6 no dry season (warm summer) 5 moderately dry winter (warm summer) 4 distinctly dry (and warm) summer 3 no dry season (mild summer) 2 distinctly dry (and mild) summer 1 no dry season (cool summer)
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
Contact Information	
Contact Organisation	Bureau of Meteorology
Contact Position	Information officer
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Metadata date	
Metadata date	2006
Additional Metadata	Additional information available on request (see contact above)