



Australian Government
Bureau of Meteorology

Gridded Average Temperature Metadata

Dataset	
Title	Mean monthly and mean annual maximum, minimum and mean temperature data (base climatological data sets)
Custodian	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
Description	
Abstract	Mean monthly and mean annual maximum, minimum and mean temperature grids. The grids show the temperature values across Australia in the form of two-dimensional array data. The mean data are based on the standard 30-year period 1961-1990. See LINEAGE below for more information.
Search Word(s)	Gridded, spline, analyses, climatology, temperature, meteorology
Geographic Extent Names(s)	Australia
General Category	Gridded climatological data
General Custodian	Australian Government
Jurisdiction	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	Gridded data were generated using the ANU (Australian National University) 3-D Spline (surface fitting algorithm). As part of the 3-D analysis process a 0.025 degree resolution digital elevation model (DEM) was used. The grid point resolution of the data is 0.025 degrees (approximately 2.5km). Approximately 600 stations were used in the analysis. All input station data underwent a high degree of quality control before analysis, and conform to WMO (World Meteorological Organisation) standards for data quality.
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	NCC Information officer
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	webclim@bom.gov.au
Metadata date	
Metadata date	2008
Additional Metadata	Additional information available on request (see contact above)