



Australian Government
Bureau of Meteorology

Gridded Average Rainfall Variability Metadata

Dataset	
Title	Three-monthly and annual rainfall variability gridded datasets.
Custodian	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
Description	
Abstract	The grids show rainfall variability indices across Australia in the form of two-dimensional array data. The indices are based on the period 1900 to 2003. See LINEAGE below for more information.
Search Word(s)	Gridded, analyses, rainfall, variability, meteorology
Geographic Extent Names(s)	Australia
General Category	Gridded three-monthly and annual data
General Custodian Jurisdiction	Australian Government Australia
Geographic Extent Polygon	Not applicable
Geographic Bounding Box	See Below
North Bounding Latitude	-9.875
South Bounding Latitude	-44.625
East Bounding Longitude	156.375
West Bounding Longitude	111.875
Data Currency	
Beginning Date	1900
Ending Date	2003
Dataset Status	
Progress	Completed
Maintenance and Update frequency	Ongoing
Access	
Stored Data Format	Arc/Info grids—all Australia
Available Format Type	ASCII row major, Arc/Info grid Interchange (.e00), Shapefiles

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	Rainfall variability was based on 104 years of monthly and annual gridded data. These gridded datasets were generated using the Barnes two-dimensional analysis. The grid point resolution of the data is 0.25 degrees (approx 25km). All available rainfall stations were used in the analyses, and the input station data underwent standard quality control. Rainfall variability was calculated using the following formula: Rainfall variability = $(90^{\text{th}} \text{ percentile} - 10^{\text{th}} \text{ percentile}) / 50^{\text{th}} \text{ percentile}$.
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	Not applicable
Logical Consistency	Not applicable
Completeness	No missing data
Contact Information	
Contact Organisation	Bureau of Meteorology
Contact Position	NCC Information officer
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Metadata date	
Metadata date	2007
Additional Metadata	These grids are based on monthly rainfall data - additional information available on request (see contact above).