



Gridded Average Rainfall Metadata

| Dataset | |
|----------------------------------|---|
| Title | Mean monthly and mean annual rainfall data (base climatological data sets) |
| Custodian | |
| Custodian | Bureau of Meteorology |
| Jurisdiction | Australia |
| Description | |
| Abstract | Mean monthly and mean annual rainfall grids. The grids show the rainfall 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, rainfall, meteorology |
| 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 |

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| 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 | Gridded data 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. Approximately 6300 stations were used in the analysis over Australia. 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 | Climate Data Services |
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| Metadata date | |
| Metadata date | 2009 |
| Additional Metadata | Additional information available on request (see contact above) |