



**Gridded Average Cloud Metadata**

<b>Dataset</b>	
Title	Mean monthly, seasonal and annual cloud data (base climatological data sets)
<b>Custodian</b>	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
<b>Description</b>	
Abstract	Mean monthly, seasonal and annual 9am and 3pm cloud grids. The grids show the cloud values across Australia in the form of two-dimensional array data. The mean data are based on the standard 30-year period 1976-2005. See LINEAGE below for more information.
Search Word(s)	Gridded, spline, analyses, climatology, cloud, 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	-8.950
South Bounding Latitude	-45.050
East Bounding Longitude	109.950
West Bounding Longitude	160.050
<b>Data Currency</b>	
Beginning Date	1976
Ending Date	2005
<b>Dataset Status</b>	
Progress	Completed
Maintenance and Update frequency	Ongoing
<b>Access</b>	
Stored Data Format	Arc/Info grids – all Australia
Available Format Type	ASCII grid-point, Arc/Info grid Interchange (.e00), Shapefiles.
Access Constraint	Please note that the copyright for any data supplied by the Bureau of

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<b>Data Quality</b>	
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 0.1 degree resolution digital elevation model (DEM) was used. The grid point resolution of the data is 0.1 degrees (approximately 10km). Approximately 365 stations were used in the analysis. Most of the stations used in the analysis have at least 10 years of records, with at least 80% complete data over the recorded period. All input station data underwent a high degree of quality control before analysis. The cloud data that were used in producing the grids are from the Bureau of Meteorology's manual observing stations.
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 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
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State	Victoria
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<b>Metadata date</b>	
Metadata date	2012
Additional Metadata	Additional information available on request (see contact above).