



Australian Government
Bureau of Meteorology

Gridded Average Sunshine Hours Metadata

Dataset	
Title	Mean monthly and mean annual sunshine hours (base climatological data sets)
Custodian	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
Description	
Abstract	Mean monthly and mean annual sunshine-hour grids The grids show the sunshine-hour values across Australia in the form of two-dimensional array data. The mean data are based on stations with at least 15 years of records. See LINEAGE below for more information.
Search Word(s)	Gridded, spline, analyses, climatology, sunshine, radiation, 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	-9.875
South Bounding Latitude	-44.625
East Bounding Longitude	156.375
West Bounding Longitude	111.875
Data Currency	
Beginning Date	1900
Ending Date	(At least 15 years of records)
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.

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Data Quality	
Lineage	Gridded data were generated using the Barnes 2-D meteorological analysis. Approximately 90 stations were used in the analysis and station data underwent at a high degree of quality control before analysis. Most of the stations used in the analysis have at least 15 years of records, with at least 80% complete data over the recorded period. The bright sunshine data that were used in producing the grids were from the Campbell-Stokes sunshine recorders.
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
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Metadata date	
Metadata date	2005
Additional Metadata	Additional information available on request (see contact above)