



Australian Government
Bureau of Meteorology

Gridded Average Mean Sea Level Pressure Metadata

Dataset	
Title	Average monthly and annual mean sea level pressure grids (1979–2000)
Custodian	
Custodian	Bureau of Meteorology
Jurisdiction	Australia
Description	
Abstract	Average monthly and average annual mean sea level pressure grids. The grids show the mean sea level pressure values across Australia. The mean data are based on the period 1979 - 2000. See LINEAGE below for more information.
Search Word(s)	Gridded, analyses, pressure, MSLP, meteorology
Geographic Extent Names(s)	Australia
General Category	Gridded monthly and annual climatological data
General Custodian	Australian Government
Jurisdiction	Australia
Geographic Extent Polygon	Not applicable
Geographic Bounding Box	See Below
North Bounding Latitude	-7.5
South Bounding Latitude	-45.0
East Bounding Longitude	156.25
West Bounding Longitude	111.25
Data Currency	
Beginning Date	1979
Ending Date	2000
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	The climatology used is based on the United States of America's National Centers for Environmental Prediction NCEP2 re-analyses for the period 1979-2000. The reanalysis is done at NCEP (formerly NMC) using T62 (209 km) global spectral model of 28 vertical levels. This is the same model used in the assimilation system, as implemented in the NCEP operational system in December 1994. The model has 5 levels in the boundary layer and about 7 levels above 100 hPa. The lowest model level is about 5 hPa from the surface, and the top level is at about 3 hPa. The resolution of the original global spectral model is 2.5 degrees and the Australian grids were created by re-sampling the original grid from 2.5 degrees down to 1.25 degrees.
Positional Accuracy	Various types of data are used as part of the assimilation process in the model. These include synoptic, metar, ship, buoys and sonde as well as satellite driven observations. These observational data generally have an associated accuracy within the model resolution.
Attribute Accuracy	Not applicable
Logical Consistency	Not applicable
Completeness	
Contact Information	
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Contact Position	NCC Information Officer
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Metadata date	
Metadata date	2009
Additional Metadata	Additional information available on request (see contact above).