

Title	ANUCLIM Annual Mean Rainfall raster layer
Alternative title(s)	cw_precipann_f
Abstract	<p>The Annual Mean Rainfall dataset was created using ANUCLIM software and the 1 second SRTM DEM-S (smoothed Digital Elevation Model) data. Climate variables generated by ANUCLIM (Version 6.1 MTHCLIM module) depend on a digital elevation model.</p> <p>Monthly mean climate values for the 1976-2005 periods are used to generate the surface. Grid resolution is 1 second or approximately 30m.</p> <p>https://data.gov.au/data/dataset/9a9284b6-eb45-4a13-97d0-91bf25f1187b</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for ANUCLIM mean annual rainfall raster layer</p> <p>Function: download</p>
Download Package	<p>Name: Download Package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data (Raster)</p> <p>Function: download</p>
Unique resource identifier	
Code	918ec618-d2b6-4d1d-abd1-e08a8bd6fb58
Presentation form	Model digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/918ec618-d2b6-4d1d-abd1-e08a8bd6fb58
Purpose	Modelling. Incorporated into BioNet Systematic Survey so that all existing and new systematic floristic survey sites are auto-populated with mean annual rainfall.
Status	Completed
Spatial representation type	grid

Spatial reference system

Code identifying
the spatial
reference system 4283

**Spatial
resolution** 30 m

**Additional
information
source**

The real sensitivity of information in the climate surfaces used by ANUCLIM is such that a 1 km resolution DEM is normally sufficient for temperature dependent parameters and a 5 km resolution DEM is normally sufficient for rainfall dependent parameters (see Sharples et al. 2005). Choosing a DEM with 500 metres or finer can make the results visually appealing, but will not increase their real information content. A resolution of 1 km (or around 0.01 degrees) is normally sufficient for most ANUCLIM applications. Using a DEM with grid spacing finer than 100 metres is not recommended (see <http://fennergchool.anu.edu.au/files/anuclim61.pdf>).

Topic category

Keyword set	
keyword value	CLIMATE-AND-WEATHER-Rainfall CLIMATE-AND-WEATHER ATMOSPHERE
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	140.6947
East bounding longitude	153.7687
North bounding latitude	-37.6423
South bounding latitude	-27.9675
NSW Place Name	NSW
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	1976-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Not planned
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

Lineage

Annual mean rainfall raster was generated from Geoscience Australia 1 second DEM, using ANUCLIM software.

Limitations on public access**Scope**

dataset

DQ Completeness Commission

Explanation

Complete

DQ Completeness Omission

Explanation

Complete

Responsible party

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Responsible party role

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Metadata date

2024-10-01T06:21:39.460846

Metadata language