Title	Water Modelling-Modelled Data-Regional Water Strategy-Lachlan
Alternative title(s)	Surface water modelling
Abstract	The datasets provided contain modelled daily streamflow, and storage volume data for several NSW river systems. These data were generated by simulating baseline river system models used to inform the development of Regional Water Strategies. The models were simulated for three different climate scenarios: instrumental climate (about 130 years), paleo-stochastic climate (about 10,000 years), and paleo-stochastic climate with climate projection based on NARCliM 1.0 (about 10,000 years).
	Each modelled output is published as a ZIP file which contains two pdf files (.pdf) and three time series data (.csv).
	For more information on the NSW regional water strategies program, please refer to the following website. <a href="https://www.dpie.nsw.gov.au/water/our-work/plans-and-strategies/regional-water-strategies">https://www.dpie.nsw.gov.au/water/our-work/plans-and-strategies/regional-water-strategies</a>
	The naming structure of the individual zip files is "Watercourse at Gauge name, followed by Gauge number".
	1) Bumbuggan Creek at Offtake Gauge 412017_NARCliM
	2) Fairholme Gauge 412023_NARCliM
	3) Goobang Creek at Condobolin Gauge 412014_NARCliM
	4) Lachlan River at Belubula Gauge 412033_NARCliM
	5) Lachlan River at BooberoiWeir Gauge 412021_NARCliM
	6) Lachlan River at Booligal Gauge 412005_NARCliM
	7) Lachlan River at Cargel Gauge 412011_NARCliM
	8) Lachlan River at CondobolinWeir Gauge 412034_NARCliM
	9) Lachlan River at Corrong Gauge 412045_NARCliM
	10) Lachlan River at Cowra Gauge 412002_NARCliM
	11) Lachlan River at DSJemalong Weir Gauge 412036_NARCliM
	12) Lachlan River at Forbes Gauge 412004_NARCliM
	13) Lachlan River at Hillston Weir Gauge 412039_NARCliM
	14) Lachlan River at Nanami Gauge 412057_NARCliM
	15) Lachlan River at Oxley Gauge 412026_NARCliM
	16) Lachlan River at Reids Flat Gauge 412027_NARCliM
	17) Lachlan River at USWillandraWeir Gauge 412038_NARCliM
	18) Lachlan River at Whealbah Gauge 412078_NARCliM
	19) Lachlan River at Wyangala Gauge 412067_NARCliM
	20) Wyangala Dam-Volume
	Note: If you would like to ask a question, make any suggestions, or tell us how you are using this dataset, please visit the <u>NSW Water Hub which has an online forum</u> you can join.
Resource locator	
<u>Data Quality</u> <u>Statement</u>	Name: Data Quality Statement
<u> </u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:

Data quality statement for (Draft) Water Modelling-Modelled Data-Regional Water

Strategy Function: download Name: Bumbuggan Creek at Offtake Gauge 412017\_NARCliM.zip Bumbuggan Creek at Offtake Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412017\_NARCliM.zip Description: CSV files and metadata associated with Bumbuggan Creek at Offtake Gauge 412017 NARCIIM. Function: download Name: Fairholme Gauge 412023 NARCliM.zip Fairholme Gauge 412023\_NARCliM.zip Protocol: WWW:DOWNLOAD-1.0-http--download Description: CSV Files and metadata associated with Fairholme Gauge 412023\_NARCliM Function: download Name: Goobang Creek at Condobolin Gauge 412014 NARCliM.zip Goobang Creek at Condobolin Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412014\_NARCliM.zip Description: CSV files and metadata associated with Goobang Creek at Condobolin Gauge 412014\_NARCIIM Function: download Name: Lachlan River at Belubula Gauge 412033\_NARCliM.zip Lachlan River at Belubula Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412033\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Belubula Gauge 412033\_NARCIIM Function: download Lachlan River at Name: Lachlan River at BooberoiWeir Gauge 412021 NARCliM.zip **BooberoiWeir Gauge** Protocol: WWW:DOWNLOAD-1.0-http--download 412021\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Booberoi Weir Gauge 412021 NARCIIM Function: download Name: Lachlan River at Booligal Gauge 412005\_NARCliM.zip Lachlan River at **Booligal Gauge** Protocol: WWW:DOWNLOAD-1.0-http--download 412005\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Booligal Gauge 412005 NARCIIM Function: download Name: Lachlan River at Cargel Gauge 412011 NARCliM.zip Lachlan River at Cargel Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412011\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Cargel Gauge 412011\_NARCliM Function: download

Name: Lachlan River at Condobolin Weir Gauge 412034 NARCliM.zip

Lachlan River at

<u>Condobolin Weir</u> Protocol: WWW:DOWNLOAD-1.0-http--download <u>Gauge</u> Description: 412034\_NARCliM.zip CSV files and metadata associated with Lachlan River at Condobolin Weir Gauge 412034 NARCIIM Function: download Name: Lachlan River at Corrong Gauge 412045 NARCliM.zip Lachlan River at Corrong Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412045\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Corrong Gauge 412045 NARCIIM Function: download Name: Lachlan River at Cowra Gauge 412002 NARCliM.zip Lachlan River at Cowra Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412002\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Cowra Gauge 412002\_NARCliM Function: download Name: Lachlan River at DSJemalong Weir Gauge 412036 NARCliM.zip Lachlan River at **DSJemalong Weir** Protocol: WWW:DOWNLOAD-1.0-http--download Gauge 412036\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at DSJemalong Weir Gauge 412036 NARCIIM Function: download Name: Lachlan River at Forbes Gauge 412004 NARCliM.zip Lachlan River at Forbes Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412004\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Forbes Gauge 412004\_NARCIIM Function: download Name: Lachlan River at Hillston Weir Gauge 412039 NARCliM.zip Lachlan River at Hillston Weir Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412039\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Hillston Weir Gauge 412039 NARCIIM Function: download Lachlan River at Name: Lachlan River at Nanami Gauge 412057\_NARCliM.zip Nanami Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412057\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Nanami Gauge 412057\_NARCIIM Function: download Lachlan River at Name: Lachlan River at Oxley Gauge 412026\_NARCliM.zip Oxley Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412026\_NARCliM.zip Description:

CSV files and metadata associated with Lachlan River at Oxley Gauge 412026 NARCIIM Function: download Lachlan River at Name: Lachlan River at Reids Flat Gauge 412027 NARCliM.zip Reids Flat Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412027\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Reids Flat Gauge 412027\_NARCIIM Function: download Name: Lachlan River at US Willandra Weir Gauge 412038 NARCliM.zip Lachlan River at US Willandra Weir Protocol: WWW:DOWNLOAD-1.0-http--download Gauge 412038\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at US Willandra Weir Gauge 412038 NARCIIM Function: download Name: Lachlan River at Whealbah Gauge 412078\_NARCliM.zip Lachlan River at Whealbah Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412078\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Whealbah Gauge 412078 NARCIIM Function: download Lachlan River at Name: Lachlan River at Wyangala Gauge 412067 NARCliM.zip Wyangala Gauge Protocol: WWW:DOWNLOAD-1.0-http--download 412067\_NARCliM.zip Description: CSV files and metadata associated with Lachlan River at Wyangala Gauge 412067 NARCIIM Function: download Name: Wyangala Dam-Volume.zip Wyangala Dam-Volume.zip Protocol: WWW:DOWNLOAD-1.0-http--download Description: CSV files and metadata associated with Wyangala Dam. Function: download Unique resource identifier Code bd7d473d-7c75-4b6e-b7f4-4cec57ae3964 Presentation Document digital form Edition 1.0 **Dataset** English language Metadata standard ISO 19115 Name

Edition	2016	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/bd7d473d-7c75-4b6e-b7f4- 4cec57ae3964	
Purpose	The dataset provided contains modelled daily streamflow, storage inflow, and storage volume data for several NSW river systems. These data were generated by simulating baseline river system models used to inform the development of Regional Water Strategies. The models were simulated for three different climate scenarios: instrumental climate (about 130 years), paleo-stochastic climate (about 10,000 years), and paleo-stochastic climate with climate projection based on NARCliM 1.0 (about 10,000 years). Notwithstanding the model's inherent limitations, these data provide a reasonable representation of what we might expect under the existing WSP's operational and development plans for these three climate scenarios. For more information on the NSW regional water strategies program, please refer to the following website. https://www.dpie.nsw.gov.au/water/our-work/plans-and-strategies/regional-water-strategies	
Status	Completed	
Spatial representation type	None	
Spatial reference system		
Code identifying the spatial reference system	4283	
Topic category		

Keyword set				
keyword value	WATER			
	WATER-Surface			
Originating controlled vocabulary				
Title	ANZLIC Search Words			
Reference date	2008-05-16			
Geographic location				
West bounding longitude	143.82			
East bounding longitude	149.97			
North bounding latitude	-35.41			
South bounding latitude	-32.2			
NSW Place Name	Lachlan			
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	1895-01-01			
End position	N/A			
Dataset reference date				
Resource maintenance				
Maintenance and update frequency	As needed			
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			
Limitations on public access				

Responsible party

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Responsible party role pointOfContact

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Responsible party role pointOfContact

Metadata date 2024-12-19T23:25:31.629113

Metadata language