

<b>Title</b>	Macquarie Rivulet Flood Study - Report
<b>Abstract</b>	<p>The Macquarie Rivulet catchment drains an area of 110 square kilometres extending from the shores of Lake Illawarra upstream for a distance of approximately 23 km to the Illawarra escarpment. The upper parts of the catchment (up to 770 mAHD) are characterised by steep gradients moving to flatter terrain in the lower reaches of Macquarie Rivulet dropping to approximately mean sea level. The catchment is made up of a number of tributaries including the main Macquarie Rivulet, as well as Frazers Creek, Marshall Mount Creek and Yellow Rock Creek. There have been several recorded instances of flood-producing storms in the catchment, including February 1984, June 1991, February 1992 and most recently March 2011. The largest recent historical floods within the catchment are believed to have occurred in 1959, 1961 and 1975, however there is limited information regarding these earlier floods.</p> <p>The key objective of the Macquarie Rivulet Flood Study is the development of computational hydrologic and hydraulic models that define design flood behaviour for the 20%, 10%, 5%, 2%, 1%, 0.5% and the Probable Maximum Flood (PMF) design storms in the study area. The key sequential reporting stages include:</p> <ul style="list-style-type: none"> <li>• Stage 1: Data Collection plus Assessment and Community Consultation;</li> <li>• Stage 2: Model Calibration and Validation;</li> <li>• Stage 3: Modelling and Mapping of Design Flood Events.</li> </ul>
<b>Resource locator</b>	
<a href="#">Macquarie Rivulet Flood Study</a>	<p>Name: Macquarie Rivulet Flood Study</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	676485e9-28d3-43bc-a152-bab4a00c7d89
<b>Presentation form</b>	
<b>Edition</b>	01/04/2020
<b>Dataset language</b>	English
<b>Metadata standard</b>	
<b>Name</b>	ISO 19115
<b>Edition</b>	2016
<b>Dataset URI</b>	<a href="https://datasets.seed.nsw.gov.au/dataset/676485e9-28d3-43bc-a152-bab4a00c7d89">https://datasets.seed.nsw.gov.au/dataset/676485e9-28d3-43bc-a152-bab4a00c7d89</a>
<b>Purpose</b>	Land and Resource Management
<b>Status</b>	On going
<b>Spatial representation</b>	
<b>Type</b>	vector
<b>Spatial reference system</b>	
<b>Code identifying the spatial reference</b>	4283

system

## Topic category

## Keyword set

keyword value

## Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

## Geographic location

West bounding longitude	150.609512
East bounding longitude	150.822372
North bounding latitude	-34.642812
South bounding latitude	-34.533712

## 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

End position	N/A
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## Dataset reference date

## Resource maintenance

Maintenance and update frequency	As needed
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## Contact info

Contact position	Data Broker
Organisation name	Shellharbour City Council
Full postal address	records@shellharbour.nsw.gov.au
Email address	<a href="mailto:records@shellharbour.nsw.gov.au">records@shellharbour.nsw.gov.au</a>
Responsible party role	pointOfContact

## Limitations on public access

## Responsible party

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**Metadata date** 2024-03-25T08:17:25.285260

**Metadata language**