

Title	Water Modelling-Modelled Data-Annual Permitted Take
Alternative title(s)	APT
Abstract	<p>Annual permitted take (APT) is a critical component of water resource management and water utilisation with the preservation of ecosystems. It is a value (SDLs) set under the Murray-Darling Basin Plan that represents the maximum amount of water permitted to be taken from a water resource.</p> <p>A method for determining APT is part of each water resource plan under the Water Act 2007. When the method is applied over a water resource, it determines the APT for that resource.</p> <p>An APT model is a major component of the APT calculation that takes into account that year's water availability and climatic conditions, as well as the difference added to a public register of take (SDL).</p> <p>APT models are configured using estimates of the water resource system across the water resource plan period and include:</p> <ul style="list-style-type: none"> irrigated crop area and planting decisions water entitlement holders' distribution and use patterns how storages are operated to supply water for consumption
Resource locator	<p>Data Quality Statement</p> <p>Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Water Modelling-Modelled Data Function: download</p> <p>419006_Peel@Carrol Gap</p> <p>Name: 419006_Peel@Carrol Gap Protocol: WWW:DOWNLOAD-1.0-http--download Description: The version of APT scenario of October 2022 (Peel v7.91.6). Function: download</p> <p>419015_Peel@Piallamore</p> <p>Name: 419015_Peel@Piallamore Protocol: WWW:DOWNLOAD-1.0-http--download Description: The version of APT scenario of October 2022 (Peel v7.91.6). Function: download</p> <p>419024_Peel@Paradise Weir</p> <p>Name: 419024_Peel@Paradise Weir Protocol: WWW:DOWNLOAD-1.0-http--download Description: The version of APT scenario of October 2022 (Peel v7.91.6). Function: download</p> <p>https://spatialportalarcgis.dpie.nsw.gov.au/sarcgis/rest/services/Water/Water_Modelling_Modelled_Data_Annual_Permitted_Take/MapServer</p> <p>Name: https://spatialportalarcgis.dpie.nsw.gov.au/sarcgis/rest/services/Water/Water_Modelling_Modelled_Data_Annual_Permitted_Take/MapServer Protocol: WWW:DOWNLOAD-1.0-http--download Description: Water_Modelling_Modelled_Data_Annual_Permitted_Take</p>
Unique resource identifier	
Code	86798e43-4a86-46d0-82c0-106369e48dd3
Presentation form	Document digital
Edition	1.0
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/86798e43-4a86-46d0-82c0-106369e48dd3
Purpose	The data set provided contains flows at several gauging stations. Notwithstanding the model's inherent limitations, the data set can be used for development and operation rules. They can be compared to the annual extraction limit (LTAEL) model or without a model.
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	150.3
East bounding longitude	151.2
North bounding latitude	-31.4
South bounding latitude	-30.5
NSW Place Name	Peel
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	Annually
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
Metadata point of contact	
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Responsible party role	pointOfContact
Metadata date	2024-08-01T03:46:23.359489
Metadata language	