

Title	Water Modelling-Modelled Data-Long-term average annual extraction limit (LTAAEL)-Border Rivers
Alternative title(s)	LTAAEL
Abstract	<p>Long-term average annual extraction limit (LTAAEL) is a regulatory limit set on annual water extractions from a river system. It ensures that average extractions over the long term are sustainable, and thus help prevent environmental degradation.</p> <p>In NSW these limits are defined by water sharing plans (WSPs). Every WSP outlines how the water in a river system will be shared over a 10-year period. They also define:</p> <ul style="list-style-type: none"> <li>• how LTAAEL compliance is to be assessed for each river system</li> <li>• what conditions will trigger noncompliance action</li> <li>• what compliance action can be taken.</li> </ul> <p>The Natural Resources Commission regularly reviews all WSPs to ensure extractions from each river system are within the limits set, and the Murray-Darling Basin Authority reviews sustainable diversion limit (SDL) compliance each year.</p> <p>To assess compliance, we model LTAAEL using a model that has been configured to represent the development and management rules defined by a system WSP (this refers to as LTAAEL model). We then compare this modelled LTAAEL with the modelled under current conditions long-term average annual extractions (LTAAEs) (which are usually those modelled by the annual permitted take, or APT, model). Although, the LTAAEL includes multiple types of water use, the compliance assessment is based on the total. We do this annually using the best available models, and the outcomes are published on the DPE website.</p> <p>Where river system's LTAAE exceed LTAAEL, the system is considered noncompliant. If the noncompliance trigger conditions in the WSP are met, noncompliance action is taken.</p> <p>The data set provided contains flows at several gauges in each river system, as simulated by the annually extended LTAAEL model. Notwithstanding the model's inherent limitations, these are a fair representation of those we would expect under WSP operation and development conditions. They can be compared with flows simulated by other key scenario models, such as annual permitted take (APT) model or without development (WOD) model.</p>
Resource locator	
<a href="#">Data Quality Statement</a>	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Water Modelling-Modelled Data-Long-term average annual extraction limit (LTAAEL) Function: download
<a href="#">416001_Barwon@Mungindi</a>	Name: 416001_Barwon@Mungindi Protocol: WWW:DOWNLOAD-1.0-http--download Description: The version of BDL model (Source project file: BRIV_2022_10_06_WSP with Default input Set.QLD_ROP.ROP_On.NSW_BDL) and covers period from 01/07/1895 to 30/06/2022. Based on the SOURCE model version of the base Floodplain Harvesting case model and software (SourceV4.11.0.10112). Function: download
<a href="#">416028_Boomi@Neeworra</a>	Name: 416028_Boomi@Neeworra Protocol: WWW:DOWNLOAD-1.0-http--download Description: The version of BDL model (Source project file: BRIV_2022_10_06_WSP with Default input Set.QLD_ROP.ROP_On.NSW_BDL) and covers period from 01/07/1895 to 30/06/2022. Based on the SOURCE model version of the base Floodplain Harvesting case model and software (SourceV4.11.0.10112). Function: download
<a href="#">416201a_Macintyre@Goondiwindi</a>	Name: 416201a_Macintyre@Goondiwindi Protocol: WWW:DOWNLOAD-1.0-http--download Description: The version of BDL model (Source project file: BRIV_2022_10_06_WSP with Default input Set.QLD_ROP.ROP_On.NSW_BDL) and covers period from 01/07/1895 to 30/06/2022. Based on the SOURCE model version of the base Floodplain Harvesting case model and software (SourceV4.11.0.10112). Function: download
<a href="#">Water Modelling Modelled Data Long Term Average Annual Extraction Limit (MapService) (nsw.gov.au)</a>	Name: Water Modelling Modelled Data Long Term Average Annual Extraction Limit (MapService) (nsw.gov.au) Protocol: WWW:DOWNLOAD-1.0-http--download Description: ESRI Rest Map Service of

	Function: download
<b>Unique resource identifier</b>	
Code	d9c3397b-be19-4487-9514-e1a9864bdc5
Presentation form	Document digital
Edition	1.0
Dataset language	English
<b>Metadata standard</b>	
Name	ISO 19115
Edition	2016
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/d9c3397b-be19-4487-9514-e1a9864bdc5">https://datasets.seed.nsw.gov.au/dataset/d9c3397b-be19-4487-9514-e1a9864bdc5</a>
Purpose	The data set provided contains flows at several gauges in each river system, as simulated by the annually extended LTAAEL model. Notwithstanding the model's inherent limitations, these are a fair representation of those we would expect under WSP operation and development conditions. They can be compared with flows simulated by other key scenario models, such as annual permitted take (APT) model or without development (WOD) model.
Status	Completed
Spatial representation type	None
<b>Spatial reference system</b>	
Code identifying the spatial reference system	4283
<b>Topic category</b>	

<b>Keyword set</b>	
keyword value	WATER WATER-Surface
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	148.66
East bounding longitude	152.12
North bounding latitude	-29.99
South bounding latitude	-28.53
NSW Place Name	Border Rivers
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	1895-01-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Annually
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
Limitations on public access	
<b>Responsible party</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Metadata point of contact</b>	
Contact position	Data Broker
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Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
Metadata date	2024-08-01T03:29:51.304469
<b>Metadata language</b>	