

Title	Water Modelling-Modelled Data-Long-term average annual extraction limit (LTAAEL)-Namoi
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	<p><a href="#">Data Quality Statement</a></p> <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Water Modelling-Modelled Data-Long-term average annual extraction limit (LTAAEL)</p> <p>Function: download</p> <p><a href="#">419001_Namoi River@Gunnedah</a></p> <p>Name: 419001_Namoi River@Gunnedah</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run. NAMO_CAL_274_5.20.0.12549.rsproj run under Source version 5.20.0.12549 over the 02/12/1891 - 30/06/2020, noting the flow data covers period from 01/07/1895 to 30/06/2020.</p> <p>Function: download</p> <p><a href="#">419003_Narrabri</a></p> <p>Name: 419003_Narrabri Creek@Narrabri</p>

[Creek@Narrabri](#)

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419007\\_Namoi  
River@DSKeepitDam](#)

Name: 419007\_Namoi River@DSKeepitDam

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
NAMO\_CAL\_274\_5.20.0.12549.rsproj run under Source version 5.20.0.12549 over the 02/12/1891 - 30/06/2020, noting the flow data covers period from 01/07/1895 to 30/06/2020.

Function: download

[419012\\_Namoi  
River@Boggabri](#)

Name: 419012\_Namoi River@Boggabri

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
NAMO\_CAL\_274\_5.20.0.12549.rsproj run under Source version 5.20.0.12549 over the 02/12/1891 - 30/06/2020, noting the flow data covers period from 01/07/1895 to 30/06/2020.

Function: download

[419020\\_Manila  
River@Brabri](#)

Name: 419020\_Manila River@Brabri

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419021\\_Namoi  
River@Bugilbone](#)

Name: 419021\_Namoi River@Bugilbone

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
NAMO\_CAL\_274\_5.20.0.12549.rsproj run under Source version 5.20.0.12549 over the 02/12/1891 - 30/06/2020, noting the flow data covers period from 01/07/1895 to 30/06/2020.

Function: download

[419022\\_Namoi  
River@ManillaRailwayBridge](#)

Name: 419022\_Namoi River@ManillaRailwayBridge

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419026\\_Namoi  
River@Goangra](#)

Name: 419026\_Namoi River@Goangra

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419039\\_Namoi  
River@Mollee](#)

Name: 419039\_Namoi River@Mollee

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419049\\_Pian  
Creek@Waminda](#)

Name: 419049\_Pian Creek@Waminda

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419059\\_Namoi  
River@Gunidgera](#)

Name: 419059\_Namoi River@Gunidgera

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419061\\_Gunidgera  
Creek@DSRegulator](#)

Name: 419061\_Gunidgera Creek@DSRegulator

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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01/07/1895 to 30/06/2020.

Function: download

[419063\\_Cutting And Channel@MerahNorth](#)

Name: 419063\_Cutting And Channel@MerahNorth

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

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Function: download

[419064\\_Pian Creek@Rossmore](#)

Name: 419064\_Pian Creek@Rossmore

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419068\\_Namoi River@WeetaWeir](#)

Name: 419068\_Namoi River@WeetaWeir

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[419079\\_Gunidgera@DS Cutting](#)

Name: 419079\_Gunidgera@DS Cutting

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

The version of Current Conditions model used in LTAAEL assessment for 2021/22. As of 03/10/2023, this is the same model used to the proposed scaling factor, to be used for 2022-2023 APT run.  
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Function: download

[Map View for data download](#)

Name: Map View for data download

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

All the gauges are shown in this map (ESRI Rest Map Service Format), and the data can be downloaded by clicking each gauge in the map.

Function: download

Unique resource identifier

Code

3b767bc6-df1f-4bf9-bc27-4dd7c23dd4c0

Presentation form	Document digital
Edition	1.0
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/3b767bc6-df1f-4bf9-bc27-4dd7c23dd4c0">https://datasets.seed.nsw.gov.au/dataset/3b767bc6-df1f-4bf9-bc27-4dd7c23dd4c0</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
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	147.39
East bounding longitude	151.67
North bounding latitude	-31.86
South bounding latitude	-29.75
NSW Place Name	Namoi
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	<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	

## Responsible party

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

## Metadata point of contact

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

Metadata date 2024-08-20T22:22:05.391942

Metadata language