

Title	River Red Gum Tree Size and Growth Data
Alternative title(s)	RRG Ecological Thinning Trial
Abstract	<p>These data were collected as part of the River Red Gum Ecological Thinning Trial.</p> <p>Data were collected for eight tree size and growth parameters, as described below:</p> <p>Tree Diameter at Breast Height: Within each 9 ha plot, 30 trees with >10 cm diameter at breast height (DBH) were randomly selected along a north-south transect in the centre of the plot and permanently marked. Where trees died, replacement trees of a similar DBH were subsequently marked and measured. The DBH of each tree was measured to the nearest mm six times over seven years.</p> <p>Tree Crown Size: The crown size of each of the 30 permanently marked trees was measured three times over seven years. Crown size was measured by estimating the distance between the canopy edges in 2 perpendicular planes in metres.</p> <p>Tree Crown Extent: The crown extent of each of the 30 permanently marked trees was measured six times over seven years. Crown extent is defined as the percentage of the potential crown that contains live foliage and was visually estimated to the nearest 5%.</p> <p>Tree Mortality: Tree mortality was surveyed by assessing the living or dead status of 50 trees with ≥ 10 cm DBH along a north-south transect within a 2 ha subplot in each 9 ha plot. Dead trees were defined as those with no live foliage. Tree mortality was surveyed six times over seven years.</p> <p>Large Trees: Large trees were surveyed by traversing a central 2 ha subplot in each 9 ha plot and measuring and recording all trees with a DBH of 80 cm or more. Surveys were conducted three times over seven years.</p> <p>Hollow-bearing Trees: Hollow-bearing trees were surveyed by traversing a central 2 ha subplot in each 9 ha plot and visually assessing the presence of hollows in living and dead trees. Surveys were conducted three times over seven years.</p> <p>Tree Size Classes: Tree size class distribution data were collected on ten 0.1 ha subplots per 9 ha plot. Within each subplot, each living tree >1.37 m in height was counted and allocated to a size class. Multi-stemmed trees were counted as a single individual, with data recorded for each stem. Size class data was surveyed in the 2021-22 survey year.</p> <p>Coppice: New shoots (coppice regrowth, also known as resprouts) may emerge from cut stumps or pushed over saplings of <i>Eucalyptus camaldulensis</i>. Data on coppice regrowth following thinning were recorded in ten 0.1 ha subplots in each 9 ha plot in the 2021-22 survey year. The number of coppice stems >1.37 m in height emerging from stumps and pushed over or damaged saplings was recorded. Only recent coppice arising from stumps and saplings that resulted from the thinning trial were counted.</p> <p>Further information is provided in the reference guide for each dataset.</p> <p>Data for tree diameter, large trees, hollow-bearing trees, and tree size classes are not publicly available. Contact data.broker@environment.nsw.gov.au for more information.</p>
Resource locator	<div> <div> Data Quality Statement </div> <div> <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for River Red Gum Tree Size and Growth Data.</p> <p>Function: download</p> </div> </div> <div> <div> Tree Crown Size Data </div> <div> <p>Name: Tree Crown Size Data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>CSV file containing tree crown size data from the River Red Gum Ecological Thinning</p> </div> </div>

Trial.

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[Tree Crown Size Reference Guide](#)

Name: Tree Crown Size Reference Guide

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Description:

Excel file containing a description of each of the variables in the Tree Crown Size Data.

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[Tree Crown Extent Data](#)

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Description:

CSV file containing tree crown extent data from the River Red Gum Ecological Thinning Trial.

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[Tree Crown Extent Reference Guide](#)

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

Description:

Excel file containing a description of each of the variables in the Tree Crown Extent Data.

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[Tree Mortality Data](#)

Name: Tree Mortality Data

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Description:

CSV file containing tree mortality data from the River Red Gum Ecological Thinning Trial.

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Description:

Excel file containing a description of each of the variables in the Tree Mortality Data.

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[Coppice Data](#)

Name: Coppice Data

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

Description:

CSV file containing coppice data from the River Red Gum Ecological Thinning Trial.

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[Coppice Reference Guide](#)

Name: Coppice Reference Guide

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

Description:

Excel file containing a description of each of the variables in the Coppice Data.

Function: download

Unique resource identifier

Code	a60a03d2-8a9e-4f4f-b971-02f698569454
Presentation form	Table digital
Edition	Original
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/a60a03d2-8a9e-4f4f-b971-02f698569454
Purpose	Decision support
Status	On going
Spatial representation type	None
Spatial reference system	
Code identifying the spatial reference system	4283
Additional information source	Data Accuracy Missing data are coded as NA. Raw data assets are provided. In the reports, data transformations may have been applied, and are indicated where relevant.
Topic category	

Keyword set	
keyword value	ECOLOGY FLORA
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	144.736633
East bounding longitude	145.516663
North bounding latitude	-36.13122
South bounding latitude	-35.597019
NSW Place Name	Millewa Precinct of Murray Valley National Park
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	2015-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
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	

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Metadata date 2025-02-17T03:04:50.834382

Metadata language