

Title	River Red Gum Tree Canopy Cover and Health 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 four tree canopy cover and health parameters, as described below:</p> <p>Foliage Projective Cover (FPC): FPC is a measure of canopy density derived from Landsat images that describes the percentage of ground area occupied by the vertical projection of green foliage of woody vegetation greater than two metres in height. The Landsat satellite provides remotely sensed images at 30 m resolution at 16-day intervals. Mean and median FPC was calculated from multiple pixels (30 m x 30 m) within each 9 ha plot for each date between 2014 to 2022.</p> <p>Canopy Cover: Canopy cover was visually estimated as the foliage projective cover of canopy trees, expressed as a percentage of the area in each subplot. Canopy cover data was collected six times over seven years. These data were collected as part of the floristic structure surveys in three 20 m x 20 m subplots within each 9 ha plot.</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>Further information is provided in the reference guide for each dataset.</p>
Resource locator	
Data Quality Statement	<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 Canopy Cover and Health Data.</p> <p>Function: download</p>
Foliage Projective Cover Data	<p>Name: Foliage Projective Cover Data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>CSV file containing foliage projective cover (FPC) data from the River Red Gum Ecological Thinning Trial.</p> <p>Function: download</p>
Foliage Projective Cover Reference Guide	<p>Name: Foliage Projective Cover Reference Guide</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Excel file containing a description of each of the variables in the Foliage Projective Cover Data.</p> <p>Function: download</p>
Canopy Cover Data	<p>Name: Canopy Cover Data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>CSV file containing canopy cover data from the River Red Gum Ecological Thinning Trial.</p>

Function: download

[Canopy Cover Reference Guide](#)

Name: Canopy Cover Reference Guide

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

Description:

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

Function: download

[Tree Crown Size Data](#)

Name: Tree Crown Size Data

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

Description:

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

Function: download

[Tree Crown Size Reference Guide](#)

Name: Tree Crown Size Reference Guide

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

Description:

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

Function: download

[Tree Crown Extent Data](#)

Name: Tree Crown Extent Data

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

Description:

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

Function: download

[Tree Crown Extent Reference Guide](#)

Name: Tree Crown Extent Reference Guide

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

Description:

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

Function: download

Unique resource identifier

Code a3dd6e41-df21-4450-96cd-ab7baa1199df

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/a3dd6e41-df21-4450-96cd-ab7baa1199df>

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	FLORA ECOLOGY
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	

Responsible party

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Metadata date 2025-02-17T04:01:32.207128

Metadata language