Title	River Red Gum Tree Canopy Cover and Health Data
Alternative title(s)	RRG Ecological Thinning Trial
Abstract	These data were collected as part of the <u>River Red Gum Ecological Thinning Trial</u> .
	Data were collected for four tree canopy cover and health parameters, as described below:
	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.
	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.
	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.
	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%.
	Further information is provided in the reference guide for each dataset.
Resource locato	r
Data Quality	Name: Data Quality Statement
<u>Statement</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Data quality statement for River Red Gum Tree Canopy Cover and Health Data.
	Function: download
<u>Foliage</u>	Name: Foliage Projective Cover Data
Projective Cover	Protocol: WWW:DOWNLOAD-1.0-httpdownload
Dutu	Description:
	CSV file containing foliage projective cover (FPC) data from the River Red Gum Ecological Thinning Trial.
	Function: download
<u>Foliage</u>	Name: Foliage Projective Cover Reference Guide
Projective Cover Reference Guide	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Excel file containing a description of each of the variables in the Foliage Projective Cover Data.
	Function: download
<u>Canopy Cover</u>	Name: Canopy Cover Data
<u>Data</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	CSV file containing canopy cover data from the River Red Gum Ecological Thinning Trial.

<u>Canopy Cover</u> <u>Reference Guide</u>	Name: Canopy Cover Reference Guide	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Excel file containing a description of each of the variables in the Canopy Cover Data.	
	Function: download	
<u>Tree Crown Size</u> <u>Data</u>	Name: Tree Crown Size Data	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	CSV file containing tree crown size data from the River Red Gum Ecological Thinning Trial.	
	Function: download	
<u>Tree Crown Size</u>	Name: Tree Crown Size Reference Guide	
Reference Guide	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Excel file containing a description of each of the variables in the Tree Crown Size Data.	
	Function: download	
Tree Crown	Name: Tree Crown Extent Data	
<u>Extent Data</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	CSV file containing tree crown extent data from the River Red Gum Ecological Thinning Trial.	
	Function: download	
Tree Crown	Name: Tree Crown Extent Reference Guide	
<u>Extent Reference</u> Guide	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	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	

Function: download

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

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Responsible party role	pointOfContact	
Metadata point of contact		
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Responsible party role	pointOfContact	
Metadata date	2025-02-17T04:01:32.207128	
Metadata language		