

Title	Murray-Darling Basin floodplain vegetation mapping, Darling - VIS_ID 4454
Alternative title(s)	DarlingMDB_2016_PCT_E_4454
Abstract	<p>The Murray-Darling Basin Plan (available at http://www.comlaw.gov.au/Details/F2012L02240) was developed under the Commonwealth Water Act 2007 and aims to deliver a coordinated approach to water use by States and Territories in the Murray-Darling Basin (MDB), underpinned by a commitment to restoring the long-term health of rivers and wetlands in the Basin. To achieve this, the Basin Plan sets a long term average Sustainable Diversion Limit (SDL) for surface water and groundwater use across the major valleys in the MDB, and incorporates an Environmental Watering Plan (EWP) that ensures surplus water beyond SDLs is made available for the natural floodplain and wetland systems. The EWP is central to the Basin Plan as it aims to achieve the best possible environmental outcomes in its use of environmental water, in terms of size, timing and nature of river flows. The EWP is supported by the Environmental Water Recovery Strategy, a voluntary water buyback instrument (SEWPAC 2012).</p> <p>The long term average SDL for surface water flow is currently set by the Basin Plan at 10,873 gigalitres per year (GL/y). This includes 3,468 GL/y for the northern Basin, which establishes a water 'saving' of 390 GL/y from water allocations previously set under the Living Murray initiative (MDBA 2011). These savings are available as 'environmental water' which is regulated by the Commonwealth Environmental Water Office (CEWO) via the EWP.</p> <p>Water allocations in the northern Basin are currently under review via the Northern Basin Review, which is due for finalisation in mid-2016. This review is expected to improve environmental science in relation to floodplain systems in the Condamine-Balonne and Barwon-Darling River systems, and may recommend changes to the Basin Plan accordingly. A key part of the Review is to improve knowledge about environmental assets within river systems of the northern Basin (e.g. floodplain and wetland vegetation, fish, water birds), and how they respond and interact to fluctuations in surface water flow. Improved knowledge about the native vegetation of inland floodplain systems is fundamental to the Northern Basin Review.</p> <p>To improve information about the distribution and extent of floodplain and wetland vegetation types in the northern Basin, Eco Logical Australia (ELA) was commissioned by the Murray Darling Basin Authority (MDBA) to map the distribution of plant community types (PCTs) within a large section of the Darling floodplain west of Louth, and within the Condamine-Balonne system south of the NSW-Queensland border. An improved knowledge about the distribution and extent of floodplain PCTs will inform how environmental water allocations might be refined, and is thus an important component of the Northern Basin Review.</p> <p>For more information please refer to the technical report Eco Logical Australia 2015. Vegetation of the Barwon-Darling and Condamine-Balonne floodplain systems of New South Wales: Mapping and survey of plant community types. Prepared for Murray-Darling Basin Authority.</p> <p>Attributes: PCT_ID = NSW Plant Community Type Code PCT_LABEL = Plant Community Type Label BROAD_VEG = Broad Vegetation Type HYDROL_ECOL = Hydro-Ecological Functional Group VEG_FORMAT = Vegetation Formation VEG_CLASS = Vegetation Class Floodplain = Floodplain vegetation (yes or no) MAP_LABEL = Short vegetation label suitable for display on map products RE = Regional Ecosystem Code RE_LABEL = Regional Ecosystem Label ACCURACY = Attribute accuracy (values 1 to 5) 5 - Verified in the field by either full floristic, rapid or API (observational) site 4 - Not verified in the field but likely to be correct due to extrapolation from similar verified pattern or verified in field but uncertain of boundary 3 - Probably correct although could be one of a few related communities 2 - Possibly correct but might be one of several other communities 1 - Unlikely to be correct VIS_ID 4454</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 Balonne MDB vegetation map data</p> <p>Function: download</p>
Murray Darling	<p>Name: Murray Darling Basin Authority - Darling Floodplain vegetation map</p>

[Basin Authority](#)
[- Darling](#)
[Floodplain](#)
[vegetation map](#)

Protocol: WWW:DOWNLOAD-1.0-http--download
Description:
Download VIS4454 Data Package
Function: download

Unique resource identifier

Code c7535ef3-b873-4913-a8b3-d369a623f407

Presentation form Document digital

Edition 1

Dataset language English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/c7535ef3-b873-4913-a8b3-d369a623f407>

Purpose To map the distribution of plant community types (PCTs) within a large section of the Darling floodplain west of Louth south of the NSW-Queensland border. For more information please refer to the technical report Eco Logical Australia 2015. Vegetation of the Barwon-Darling and Condamine-Balonne floodplain systems of New South Wales: Mapping and survey of plant community types. Prepared for Murray-Darling Basin Authority.

Status Completed

Spatial representation

Type vector

Geometric Object Type curve

Spatial reference system

Code identifying the spatial reference system 4283

Spatial resolution 12 m

Additional information source Ref:Eco Logical Australia 2015. Vegetation of the Barwon-Darling and Condamine-Balonne floodplain systems of New South Wales: Mapping and survey of plant community types.Prepared for Murray-Darling Basin Authority. See also related dataset for Balonne floodplain (VIS_ID 4453)

Topic category

Keyword set	
keyword value	Flora Plant Community Type VEGETATION
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	143.569336
East bounding longitude	146.293945
North bounding latitude	-31.54184
South bounding latitude	-30.031817
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	2016-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	Murray-Darling Basin Authority
Responsible party role	pointOfContact
Lineage	This project involved the detailed mapping of PCTs across the extent of the study region guided by on-screen aerial photographic interpretation, incorporation of existing map data, and an extensive program of field reconnaissance.
Limitations on public access	

Scope	dataset
DQ Topological Consistency	
Explanation	geometrically & topologically correct
DQ Non Quantitative Attribute Correctness	
Explanation	ACCURACY = Attribute accuracy values 1 (low) to 5 (high)
Responsible party	
Contact position	Data Broker
Organisation name	Murray-Darling Basin Authority
Responsible party role	pointOfContact
Metadata point of contact	
Contact position	Data Broker
Organisation name	Murray-Darling Basin Authority
Responsible party role	pointOfContact
Metadata date	2024-08-28T02:03:51.941138
Metadata language	