



We acknowledge the First Nations peoples as the Traditional Owners and Custodians of the lands, waterways and skies of the Murray-Darling Basin. We respect their continuing connection to culture and Country, and we thank them for their knowledge and science and the values reflected in these data.

Flow-MER Vegetation Species Abundance

Dataset name	Flow-MER Vegetation Species Abundance 2014-2023		
Dataset citation	CEWH (2024) Vegetation Species Abundance. Flow-MER Program. Commonwealth Environmental Water Holder, Australian Government Department of Climate Change, Energy, the Environment and Water. Sourced from https://data.gov.au/data/dataset/flow-mer-vegetation-species-abundance on [date-sourced].		
Description	<p>Ground storey vegetation species cover data (species x percent cover) collected as part of the Commonwealth Environmental Water Holder (CEWH) Flow-MER program in the Murray-Darling Basin.</p> <p>The CEWH's Flow-MER program examines the contribution of Commonwealth environmental water to the environmental objectives of the Basin Plan 2012 (Basin Plan) and is assisting the CEWH to demonstrate environmental outcomes and adaptively manage the water holdings. Monitoring and evaluation is focused in seven Selected Areas: the Junction of the Warrego and Darling rivers, Gwydir river system, Lachlan river system, Murrumbidgee river system, Edward/Kolety-Wakool river system, Goulburn River and Lower Murray River.</p> <p>This Flow-MER data set includes and extends the long-term data collected at the same sites during the Long Term Intervention Monitoring (LTIM) project (2014-2019).</p>		
Currency	Date from: 1/7/2014 Date to: 30/6/2023		
Spatial domain	Jurisdiction/Location: Murray-Darling Basin Geographic extent: <div style="text-align: center; margin: 10px 0;"> <p style="margin: 0;">-24.586 138.568 152.489 -37.682</p> </div> Coordinate system: GDA1994, EPSG 4283		
Dataset status	Progress: Ongoing Maintenance and update frequency: Annually within the life of the Flow-MER project		
Attributes	Attribute Name	Description	Data Type
	samplePointName	A wetland, complex of wetlands, area of floodplain or area along a stream, represented by either a name or a broad polygon, within which the sampled quadrats fall	string
	Description	Optional description of the Sample Point text	string
	Latitude	Decimal degrees	number
	Longitude	Decimal degrees	number
	sampleDate	Unique date-time stamp that is used to identify each data record.	dateTime
	tripNumber	Identifier for a sampling trip to group samples across dates, within a flow delivery season.	integer
	transectID	Unique identifier for each transect (enter zero if not applicable)	string
	samplingUnitID	Unique identifier for each sampling unit (may be within a transect)	string

	samplingUnitType	Description of sampling unit varies because of different methods being used.	category
	stratum	Vegetation height class Groundlayer (<1.5m), Understorey (1.5 to 3m) Overstorey (>3m)	category
	elevation	Elevation as height in metres above the Australian Height Datum (AHD) (Goulburn)	number
	evaluationCode	E1 = data collection by category 1 or 2 standard method AND processed as required for Basin evaluation. E2 = data collection by category 1 or 2 standard method AND processed for using non-standard method for selected area evaluation E3 = data collection and processing using selected area specific methods (category 3)	category
	speciesName	Latin species name or agreed pseudo-name for taxa not identified to species	string
	percentCover	Percent cover of each species (<1% = 1%)	number
	comment	Comment to aid interpretation of each data record for the sampleDate time stamp.	text
Data quality	<p>Lineage: Exported from the MDMS 21/12/2023</p> <p>Positional accuracy: Locations accurate to 4 decimals but actual monitoring data collected at these locations can be up to 1km from the nominated point</p> <p>Attribute accuracy: Direct export from the MDMS without further processing</p> <p>Logical consistency: Sample point names are unique within the program</p> <p>Completeness: Complete export from the MDMS</p>		
Access and License	<p>Published Data Landing Page: https://data.gov.au/data/dataset/2d490103-2607-4ffb-8426-1fac84f3e8e8</p> <p>Distribution format: CSV tabular data</p> <p>Access constraints: Creative Commons license CC BY-SA 4.0 Attribution-ShareAlike 4.0 International). https://creativecommons.org/licenses/by-sa/4.0/ Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. redistribute the material in any medium or format must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.</p> <p>Copyright: ©2024 Commonwealth of Australia, Flow-MER program</p>		
Contributors	<p>Data provided by Flow-MER program Selected Area teams: Junction of the Warrego and Darling Rivers and Gwydir river system (University of New England), Lachlan river system (University of Canberra), Murrumbidgee river system (Charles Sturt University), Edward/Kolety-Wakool river system (Charles Sturt University), Goulburn River (Arthur Rylah Institute).</p> <p>Flow-MER acknowledges the First Nations peoples as the Traditional Owners and Custodians of the lands, waterways and skies of the Murray-Darling Basin. We thank them for their knowledge and science and respect their continuing connection to culture and Country and the values reflected in these data.</p>		
Custodian	Commonwealth Environmental Water Holder (CEWH), Department of Climate Change, Energy, the Environment and Water		

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Metadata information	Metadata date: 4/10/2024