



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 Waterbird Diversity

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| Dataset name | Flow-MER Waterbird Diversity 2014-2023 | | |
| Dataset citation | CEWH Flow-MER (2023) Waterbird Diversity. 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-waterbird-diversity on [date-sourced]. | | |
| Description | <p>Waterbird species counts in three Selected Areas of the CEWH's Flow-MER program (the Murrumbidgee River, Gwydir river system and Junction of the Warrego and Darling Rivers. Counts are recorded from a representative part of the wetland and the proportion sampled is recorded.</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: 30/6/2022 | | |
| Spatial domain | Jurisdiction/Location: Murray-Darling Basin Geographic extent: <div style="text-align: center; margin: 10px 0;"> </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 |
| | Program | The name of the Flow-MER Selected Area in which the data were collected | text |
| | samplePoint | Name of the sampling site along a river or in a wetland within which the samples are located | text |
| | Description | Optional description of the SamplePoint | text |
| | Latitude | Decimal degrees | number |
| | Longitude | Decimal degrees | number |
| | sampleDate | Unique date-time stamp that is used to identify each data record. | dateTime |
| | sampleDateStart | Start date (inclusive) that these measures were observed | dateTime |
| | sampleDateEnd | End date (exclusive) that these measures were observed | dateTime |
| | 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 |
| | speciesCode | Australian Faunal Directory (AFD) identifier code for the species | number |

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| | speciesName | Waterbird species Latin name matching the AFD code | category |
| | vegCommunity | The vegetation community in which the specified species in the colony was observed. | category |
| | abundance | Number of individuals of the specified species that were observed | number |
| | breedEvidence | Boolean value indicating whether these was evidence of breeding for the specified species | boolean |
| | propSurveyed | Proportion of the wetland that was surveyed | number |
| | comment | Optional comment to aid interpretation of each data record for the sampleDate time stamp. | text |
| Data quality | <p>Lineage: Exported from the MDMS 14/06/2023</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/ef9e842d-d574-4445-802b-74721ba0740f</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: ©2023 Commonwealth of Australia, Flow-MER program</p> | | |
| Contributors | <p>Flow-MER project Selected Areas: Gwydir river system (University of New England), Lachlan river system (University of Canberra), Murrumbidgee river system (Charles Sturt University)</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 respect their continuing connection to culture and Country, and we thank them for their knowledge and science and the values reflected in these data.</p> | | |
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| Maintainer | Flow-MER Basin scale project Shane Brooks (Flow-MER data manager) https://brooks.eco/contact | | |
| Metadata information | Metadata date: 8/11/2023 | | |