



Australian Government

Commonwealth Environmental Water Office

Explanatory notes - introduction:

This spreadsheet provides information on environmental water use (location, purpose and volume) across the Murray Darling Basin by the Commonwealth Environmental Water Holder (CEWH) and other environmental water holders (where used in combination with CEWH water) for 2019-20. It has been assembled by the Commonwealth Environmental Water Office (CEWO) as part of 2019-20 Basin Plan Annual Reporting (Matter 9.3) to the Murray Darling Basin Authority (MDBA), in discussion with Basin state environmental water managers and the MDBA.

Site or watering event description	Basin Plan Region	Ecological purposes	CEWH	VIC	NSW	SA	TLM / RMIF	Total
			ML					
Lower Moonie River and fringing wetlands	Moonie	Other (e.g.resilience, ecosystem diversity,...)	4,651	0	0	0	0	4,651
Nebine Creek	Condamine-Balonne (QLD)	Other	1,826	0	0	0	0	1,826
Lower Warrego River and fringing wetlands	Warrego (QLD)	Other	17,221	0	0	0	0	17,221
Upper Warrego River and fringing wetlands	Warrego (QLD)	Other	475	0	0	0	0	475
Dumaresq-Macintyre River and fringing wetlands	QLD Border Rivers	Water quality (physico-chemical); other	2,122	0	0	0	0	2,122
Macintyre Brook and fringing wetlands	QLD Border Rivers	Fish; water quality	246	0	0	0	0	246
The Severn River (Queensland)	QLD Border Rivers	Other; water quality	879	0	0	0	0	879
Lower Balonne Floodplain System	Condamine-Balonne (QLD)	Other	165,283	0	0	0	0	165,283
Barwon and Darling Rivers	Barwon-Darling	Fish; ecosystem processes (e.g. carbon and nutrient cycling); longitudinal connectivity	28,631	0	0	0	0	28,631
Central Gingham Wetlands; U/S Gwydir River; Mehi River; Carole Creek	Gwydir	Fish; lateral connectivity	8,820	0	6,856	0	0	15,676
Mallowa Creek	Gwydir	Vegetation - forests and woodlands (river red gum, black box, coolibah etc.); lateral connectivity; ecosystem processes	250	0	0	0	0	250
Lower Warrego River and fringing wetlands	Intersecting Streams (NSW)	Fish; longitudinal connectivity; ecosystem processes	16,212	0	0	0	0	16,212
Booberoi Creek	Lachlan	Fish; vegetation - riparian; other	4,472	0	507	0	0	4,979
Burrawang West Lagoon	Lachlan	Other; waterbirds	400	0	150	0	0	550
Great Cumbung Swamp; Lachlan River Channel below Wyangala	Lachlan	Other; vegetation - forests and woodlands ; longitudinal connectivity	17,028	0	0	0	0	17,028
Lachlan River Channel below Booligal; Lake Bullogal/Noonamah	Lachlan	Waterbirds; other; lateral connectivity	126	0	465	0	0	591
Macquarie Marshes (Northern and Southern)	Macquarie-Castleraegh	Waterbirds; vegetation - non woody (moira grass, common reed, cumbungi, water couch, marsh club-rush etc.); vegetation - forests and woodlands	3,897	0	686	0	0	4,583
Darlington Point lagoon	Murrumbidgee	Fish; vegetation - non woody; waterbirds	142	0	0	0	0	142
Gooragool Lagoon	Murrumbidgee	Fish; vegetation - non woody	2,251	0	200	0	0	2,451
Mercedes Swamp; Twin Bridges	Murrumbidgee	Waterbirds; vegetation - non woody; other	3,114	0	0	0	0	3,114
Wynburn	Murrumbidgee	Waterbirds; vegetation - forests and woodlands; other	12,452	0	4,649	0	0	17,101
Waldaira Lake; Maine Creek	Murrumbidgee	Waterbirds; vegetation - riparian; other	3,500	0	0	0	0	3,500
Sunshower Lagoon	Murrumbidgee	Waterbirds; vegetation - non woody	514	0	0	0	0	514
Wanganella Swamp	Murrumbidgee	Waterbirds; vegetation - non woody; other	2,250	0	0	0	0	2,250
Campbells and Nericon Swamp; Tuckerbil Swamp Ramsar site; Turkey Flats Swamp; Yanco Ag Lagoon (McCaughneys)	Murrumbidgee	Waterbirds; other	3,612	0	0	0	0	3,612
Yarrada Lagoon	Murrumbidgee	Waterbirds; fish; vegetation - non woody	2,000	0	0	0	0	2,000
Nap Nap Swamp	Murrumbidgee	Waterbirds; other	18,000	0	23,313	0	0	41,313
Tuppal Creek	NSW Murray	Ecosystem processes; fish; vegetation - forests and woodlands	5,186	0	5,186	0	0	10,371
Millewa Group	NSW Murray	Fish; lateral connectivity; waterbirds	8,110	0	3,890	0	17,040	29,040
Wingillie Station	NSW Murray	Fish; other; vegetation - non woody	61	0	0	0	0	61
Niemur; Yallakool-Wakool Reach	NSW Murray	Fish; longitudinal connectivity	12,106	0	45	0	0	12,151
Pollack Swamp	NSW Murray	Waterbirds; fish	2,000	0	0	0	0	2,000
Toogimbie Wetlands IPA	Murrumbidgee	Waterbirds; vegetation - non woody; other	500	0	500	0	0	1,000
Weirpool manipulations	NSW/ Vic Murray	Ecosystem processes; fish; waterbirds	755	0	0	0	0	755
Lower Broken Creek	Broken	Fish; water quality	18,170	17,582	0	0	0	35,752
Upper Broken Creek	Broken	Fish; vegetation - non woody	112	485	0	0	0	597
Campaspe	Campaspe	Water quality; longitudinal connectivity; fish	3,644	16,795	0	0	0	20,438
Goulburn River - Reach 1	Goulburn	Fish; vegetation - non woody; other	9,547	21,237	0	0	0	30,784
Goulburn River - Reach 4 & 5	Goulburn	Vegetation - non woody; vegetation - riparian; fish	311,212	35,000	0	0	24,885	371,097
Loddon River, Serpentine Creek and Tullaroop Creek	Loddon	Fish; vegetation - riparian; water quality	1,127	12,575	0	0	0	13,702
Mullinmur wetland	Ovens	Fish	20	0	0	0	0	20
Ovens: Buffalo/Ovens	Ovens	Longitudinal connectivity; fish; other	53	0	0	0	0	53

Ovens: King/Ovens	Ovens	Longitudinal connectivity; fish; other	50	39	0	0	0	89
River Murray Channel from Hume to SA	Victorian Murray	Vegetation - non woody; vegetation - forests and woodlands; lateral connectivity	230,668	0	0	0	51,450	282,118
Gunbower Creek	Victorian Murray	Fish; longitudinal connectivity; water quality	21,231	0	0	0	0	21,231
Wimmera River	Wimmera-Mallee	Longitudinal connectivity; fish; water quality	1,562	6,130	0	0	0	7,691
Lower Lakes, Coorong and Murray Mouth (CLLMM)	SA Murray	End of basin flows; longitudinal connectivity; fish	227,377	36,793	0	5442.702	28,265	297,878
CLLMM	SA Murray	Waterbirds	203	0	0	1,057	0	1,260
CLLMM / SA River Murray channel Priority Environmental Assets (PEAs)	SA Murray	End of basin flows; longitudinal connectivity; fish	522,371	23,650	0	0	84,328	630,349
SA River Murray Floodplain/Channel PEAs	SA Murray	Vegetation - forests and woodlands; vegetation - shrublands (lignum shrubland etc.); other	7,489	0	0	137	8,273	15,899
SA River Murray Floodplain/Channel PEAs	SA Murray	Lateral connectivity; vegetation - riparian; ecosystem processes	352	0	0	0	0	352
SA River Murray Channel PEA	SA Murray	Longitudinal connectivity; fish; other	402	0	0	46	0	448
SA River Murray Channel PEA	SA Murray	Fish; water quality	1,596	0	0	104	0	1,700
Total			1,706,297	170,286	46,446	6,787	214,242	2,144,057