

Murray Lower Darling Draft Water Balance 2008/09

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage volume					
Volume in storage at start of year	1,288,040				
Volume in storage at end of year	894,540				
Change in storage	393,500	24%	-		100%
Storage net evaporation			162,350	10%	100%
Inflows					
Storage inflows	972,290	59%			100%
Downstream tributaries (1)	276,400	17%			100%
Subtotal	1,248,690	76%			100%
Net Water diverted under water rights					
Domestic and stock rights (2)			5,845	0.4%	0%
Native title rights (2)			-	0.0%	0%
Subtotal			5,845	0.4%	0%
Net Water diverted under access licences					
Domestic and stock			9,754	0.6%	100%
High security			102,768	6.3%	100%
General security			55,334	3.4%	100%
Local water utility			16,793	1.0%	100%
Major water utility			-	0.0%	100%
Supplementary water			-	0.0%	100%
Conveyance			120,000	7.3%	100%
Subtotal			304,648	19%	100%
Environmental water					
Net diversions to wetlands			800	0.0%	100%
End of system flows (3)			956,370	58.2%	100%
Subtotal			957,170	58%	100%
Other outflows			800	0%	100%
Unaccounted difference (4)			211,377	13%	99%
TOTAL	1,642,190	100%	1,642,190	100%	99%
(1) Downstream tributaries include gauged flows from the Kiewa R (NSW share), Murrumbidgee R and Billabong Ck.					
(2) Water rights are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan.					
(3) End of system flow is the NSW share of the flow across the South Australian border after adjustment for water trades.					
(4) Unaccounted difference is estimated as the difference between inflows, outflows and change in storage. This includes river evaporation, seepage, overbank flows, theft and any measurement errors recording other components.					