

Murray Lower Darling Water Balance - 2009/10

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	708,010				
Volume in storage at end of year	1,951,950				
Change in storage	-	-	1,243,940	44%	100%
Storage net evaporation			162,350	6%	100%
Inflows					
Storage inflows	2,408,560	86%			100%
Downstream tributaries (1)	390,625	14%			100%
Subtotal	2,799,185	100%			100%
Net Water diverted under water rights					
Domestic and stock rights (2)			923	0.0%	0%
Native title rights (2)			-	0.0%	0%
Subtotal			923	0.0%	0%
Net Water diverted under access licences					
Domestic and stock			10,423	0.4%	100%
High security			92,162	3.3%	100%
General security			97,339	3.5%	100%
Local water utility			15,770	0.6%	100%
Major water utility			-	0.0%	100%
Supplementary water			-	0.0%	100%
Conveyance			190,400	6.8%	100%
Subtotal			406,095	15%	100%
Environmental water					
Net diversions to wetlands			11,592	0.4%	100%
End of system flows (3)			945,895	33.8%	100%
Subtotal			957,487	34%	100%
Other outflows					100%
Unaccounted difference (4)			28,389	1%	99%
TOTAL	2,799,185	100%	2,799,185	100%	99%

Notes

(1) Downstream tributaries include gauged flows from the Keiwi R (NSW share), Murrumbidgee R and Billabong Ck.

(2) Basic Water Right extractions 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.