

## **Murray Lower Darling Water Balance 2008/09**

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage volume</b>					
Volume in storage at start of year	1,288,040				
Volume in storage at end of year	894,540				
<b>Change in storage</b>	<b>393,500</b>	<b>24%</b>	-		100%
<b>Storage net evaporation</b>			<b>162,350</b>	<b>10%</b>	100%
<b>Inflows</b>					
Storage inflows	972,290	59%			100%
Downstream tributaries (1)	276,400	17%			100%
<b>Subtotal</b>	<b>1,248,690</b>	<b>76%</b>			100%
<b>Net Water diverted under water rights</b>					
Domestic and stock rights (2)			5,845	0.4%	0%
Native title rights (2)			-	0.0%	0%
<b>Subtotal</b>			<b>5,845</b>	<b>0.4%</b>	0%
<b>Net Water diverted under access licences</b>					
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%
<b>Subtotal</b>			<b>304,648</b>	<b>19%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands			800	0.0%	100%
End of system flows (3)			956,370	58.2%	100%
<b>Subtotal</b>			<b>957,170</b>	<b>58%</b>	100%
<b>Other outflows</b>			<b>800</b>	<b>0%</b>	100%
<b>Unaccounted difference (4)</b>			<b>211,377</b>	<b>13%</b>	99%
<b>TOTAL</b>	<b>1,642,190</b>	<b>100%</b>	<b>1,642,190</b>	<b>100%</b>	99%

### Notes

(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.