

# Water Balance Report

## Murray Lower Darling 2010 – 2011

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			1,836,290		
Volume in storage at end of year			3,808,420		
<b>Change in storage</b>			<b>1,972,130</b>	<b>15%</b>	100%
<b>Storage net evaporation</b>			<b>162,350</b>	<b>1%</b>	100%
<b>Inflows</b>					
Storage inflows	9,412,630	70%			100%
Downstream tributaries (1)	4,104,460	30%			100%
<b>Subtotal</b>	<b>13,517,090</b>	<b>100%</b>			100%
<b>Net water diverted under water rights</b>					
Domestic and stock rights (2)			923	0%	0%
Native title rights (2)			-	0%	0%
<b>Subtotal</b>			<b>923</b>	<b>0.0%</b>	0%
<b>Net water diverted under access licences</b>					
Domestic and stock			8,247	0.1%	100%
High security			52,400	0.4%	100%
General security			234,020	1.7%	100%
Local water utility			17,421	0.1%	100%
Major utility			-	0.0%	100%
Supplementary water			138,931	1.0%	100%
Conveyance			322,224	2.4%	100%
<b>Subtotal</b>			<b>773,242</b>	<b>6%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands			131,280	1.0%	100%
End of system flows (3)			6,257,950	46.3%	100%
<b>Subtotal</b>			<b>6,389,230</b>	<b>47%</b>	100%
<b>Other outflows</b>					100%
<b>Unaccounted difference (4)</b>			<b>4,219,215</b>	<b>31%</b>	99%
<b>Total</b>	<b>13,517,090</b>	<b>100%</b>	<b>13,517,090</b>	<b>100%</b>	<b>99%</b>

### Notes:

1. Downstream tributaries include gauged flows from the Keiwa 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