

# Water Balance Report

## Murray Valley 2014 – 2015

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage Volume (1)</b>					
Volume in storage at start of year	2,683,660				
Volume in storage at end of year	1,635,170				
<b>Change in storage</b>	<b>1,048,490</b>	<b>28%</b>			<b>100%</b>
<b>Storage net evaporation</b>			<b>357,080</b>	<b>10%</b>	<b>100%</b>
<b>Inflows</b>					
Storage inflows	1,692,404	46%			100%
Downstream tributaries (2)	971,705	26%			100%
<b>Subtotal</b>	<b>2,664,109</b>	<b>72%</b>			<b>100%</b>
<b>Net water diverted under basic rights</b>					
Domestic and stock rights (3)			5,845		0%
Native title rights (3)			0		0%
<b>Subtotal</b>			<b>5,845</b>	<b>0%</b>	<b>0%</b>
<b>Net Water diverted under access licences</b>					
Domestic and stock			10,995	0%	100%
High security			108,964	3%	100%
General security			912,996	25%	100%
Local water utility			21,656	1%	100%
Major utility			0	0%	100%
Supplementary water conveyance			11,848	0%	100%
			258,046	7%	100%
<b>Subtotal</b>			<b>1,324,505</b>	<b>36%</b>	<b>100%</b>
<b>Environmental water</b>					
Net Diversion to wetlands			0	0%	100%
End of System Flows (4)			1,080,954	29%	100%
<b>Subtotal</b>			<b>1,080,954</b>	<b>29%</b>	<b>100%</b>
<b>Other outflows</b>			<b>0</b>	<b>0%</b>	<b>100%</b>
<b>Unaccounted difference (5)</b>			<b>944,215</b>	<b>25%</b>	<b>99%</b>
<b>Total</b>	<b>3,712,599</b>	<b>100</b>	<b>3,712,599</b>	<b>100%</b>	

### Notes:

(1) Storage Volume includes Hume, Menindee and Dartmouth.

(2) Downstream tributaries include gauged flows from the Keiwa River (NSW share), Murrumbidgee River, and Billabong Creek and internal spills in Lake Victoria.

(3) Basic Water Right extractions are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan (Murray 2,118 ML; Lower Darling 3,727 ML).

(4) End of system flows is the NSW share of the flow across the South Australian border after adjustment for water trades.

(5) Unaccounted difference is estimated as the difference between inflows, outflows and the change in storage. This includes river evaporation, seepage, overbank flows, theft and any measurement errors recording other components.

(6) Planned Environmental Requirement were met 100% in 2014-15.