

## Murrumbidgee Valley Water Balance 2007/08

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	738,533				
Volume in storage at end of year	1,040,614				
<b>Change in storage</b>			<b>302,081</b>	<b>25%</b>	100%
<b>Storage net evaporation</b>			<b>4,733</b>	<b>0%</b>	100%
<b>Inflows</b>					
Storage inflows	1,065,155	87%			100%
Downstream tributaries (2)	156,260	13%			100%
<b>Subtotal</b>	<b>1,221,415</b>	<b>100%</b>			100%
<b>Net Water diverted under water rights</b>					
Domestic and stock rights (3)			4,560	0.4%	0%
Native title rights (3)			-	0.0%	0%
<b>Subtotal</b>			<b>4,560</b>	<b>0.4%</b>	0%
<b>Net Water diverted under access licences</b>					
Domestic and stock			30,374	2.5%	100%
High security			179,076	14.7%	100%
General security			75,350	6.2%	100%
Local water utility			11,544	0.9%	100%
Major water utility			-	0.0%	100%
Supplementary water			-	0.0%	100%
Conveyance			175,067	14.3%	100%
<b>Subtotal</b>			<b>471,412</b>	<b>39%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands			14,512	1.2%	100%
End of system flows (4)			173,846	14.2%	100%
<b>Subtotal</b>			<b>188,358</b>	<b>15%</b>	100%
<b>Other outflows (5)</b>			-	<b>0%</b>	100%
<b>Unaccounted difference (6)</b>			<b>250,271</b>	<b>20%</b>	99%
<b>TOTAL</b>	<b>1,221,415</b>	<b>100%</b>	<b>1,221,415</b>	<b>100%</b>	99%

Notes

(1) Includes Burrinjuck Dam, Blowering Dam, Berembred Weir, Bundidgerry Storage, Tombullen Storage, Gogelderie Weir, Hay Weir, Maude Weir, Redbank Weir.  
Volume varies from 2005/06 closing balance, which only included Burrinjuck Dam and Blowering Dams.

(2) Downstream tributaries include gauged flows from the Goobragandra R, Jugiong Ck, Muttama Ck, Adjungbilly Ck, Adelong Ck, Tarcutta Ck, Kyemba Ck, Billabong Ck and the Finely Escape. Ungauged tributaries were estimated from the increase in mass balance between Burrinjuck Dam and Wagga Wagga.

(3) Water rights are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan.

(4) End of system flows include Balranald, Darlot and Warriston Weir.

(5) Other outflows are flows to Lowbidgee, excluding those Lowbidgee flows reported under 'Net diversions to wetlands'.

(6) 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.