

## Border Rivers Water Balance - 2010/11



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			137,024		
Volume in storage at end of year			563,173		
<b>Change in storage</b>			<b>426,149</b>	<b>12%</b>	100%
<b>Storage net evaporation</b>			<b>1,373</b>	<b>0%</b>	100%
<b>Inflows</b>					
Storage Inflows	928,897	26%			100%
Downstream tributaries (1)	2,683,821	74%			100%
<b>Subtotal</b>	<b>3,612,718</b>	<b>100%</b>			100%
<b>Net Water diverted under water rights</b>					
Domestic and stock rights (2)			8,000	0%	0%
Native title rights (2)			-	0%	0%
<b>Subtotal</b>			<b>8,000</b>	<b>0%</b>	0%
<b>Net Water diverted under access licences</b>					
Domestic and stock			345	0%	100%
High security			1,880	0%	100%
General security			74,125	2%	100%
Local water utility			398	0%	100%
Major water utility			-	0%	100%
Supplementary water			240,044	3%	100%
Interstate Trade			23,299		
<b>Subtotal</b>			<b>340,091</b>	<b>5%</b>	100%
<b>Environmental water</b>					
End of system flows (3)			1,471,463	41%	100%
<b>Subtotal</b>			<b>1,471,463</b>	<b>41%</b>	100%
<b>Other outflows (4)</b>			<b>145,053</b>	<b>4%</b>	100%
<b>Unaccounted difference (5)</b>			<b>1,220,589</b>	<b>39%</b>	n/a
<b>TOTAL</b>	<b>3,612,718</b>	<b>100%</b>	<b>3,612,718</b>	<b>100%</b>	95%

### Notes

(1) Tributary inflows consist of Beardy River @ Haystack, Mole River @ Donaldson, Dumaresq River @ Farnbro, Macintyre River @ Wallangra, Weir River estimate of inflows from CAIRO and Macintyre Brook from CAIRO.

(2) Water rights are not metered. Values presented are estimated from recommended values provided by DNR or as specified in Water Sharing Plans.

(3) End of system flow is measured at Mungindi on the Barwon River

(4) Other outflows consist of Boomi River measured at the Boomi weir offtake

(5) 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.