

## **Border Rivers draft Water Balance 2008/09**

Water balance component	Sources of water		Distribution of water		% of volume measure
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage volume</b>					
Volume in storage at start of year	186,195				
Volume in storage at end of year	197,145				
<b>Change in storage</b>			<b>10,950</b>	<b>3%</b>	100%
<b>Storage net evaporation</b>			<b>4,302</b>	<b>1%</b>	100%
<b>Inflows</b>					
Storage Inflows	99,512	27%			100%
Downstream tributaries (1)	271,015	73%			85%
<b>Subtotal</b>	<b>370,527</b>	<b>100%</b>			95%
<b>Net Water diverted under water rights</b>					
Domestic and stock rights (2)			8,000	2%	0%
Native title rights (2)			-	0%	0%
<b>Subtotal</b>			<b>8,000</b>	<b>2%</b>	0%
<b>Net Water diverted under access licences</b>				0%	
Domestic and stock			303	0%	100%
High security			-	0%	100%
General security			67,408	18%	100%
Local water utility			-	0%	100%
Major water utility			-	0%	100%
Supplementary water			121,078	33%	100%
Conveyance			-	0%	100%
<b>Subtotal</b>			<b>188,789</b>	<b>51%</b>	100%
<b>Environmental water</b>				0%	
Net diversions to wetlands			-	0%	100%
End of system flows (3)			107,821	29%	100%
<b>Subtotal</b>			<b>107,821</b>	<b>29%</b>	100%
<b>Other outflows (4)</b>			<b>17,558</b>	<b>5%</b>	100%
<b>Unaccounted difference (5)</b>			<b>33,107</b>	<b>9%</b>	98%
<b>TOTAL</b>	<b>370,527</b>	<b>100%</b>	<b>370,527</b>	<b>100%</b>	98%
Notes					
@ Haystack, Mole River @ Donaldson,					
@ Wallangra, Weir River estimate of inflows from CAIRO and Macintyre Brook inflows 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					