

# Water Balance Report



## Border Rivers (Pindari and Glenlyon Dams)

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	504,602				
Volume in storage at end of year	308,078				
<b>Change in storage</b>	<b>196,524</b>	<b>54%</b>			100%
<b>Storage net evaporation</b>			<b>16,149</b>	<b>4%</b>	<b>100%</b>
<b>Inflows</b>					
Storage Inflows	59,643	16%			100%
Downstream tributaries (1)	110,765	30%			100%
<b>Subtotal</b>	<b>170,408</b>	<b>46%</b>			<b>100%</b>
<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>	<b>0%</b>
<b>Net Water diverted under access licences</b>					
Domestic and stock			687	0%	100%
High security			917	0%	100%
General security			122,221	33%	100%
Local water utility			515	0%	100%
Major water utility			-	0%	100%
Supplementary water			8,902	2%	100%
Interstate Trade			6,334	2%	
<b>Subtotal</b>			<b>139,576</b>	<b>38%</b>	<b>100%</b>
<b>Environmental water</b>					
End of system flows (3)			76,377	21%	100%
<b>Subtotal</b>			<b>76,377</b>	<b>21%</b>	<b>100%</b>
<b>Other outflows (4)</b>			<b>11,395</b>	<b>3%</b>	<b>100%</b>
<b>Unaccounted difference (5)</b>			<b>115,434</b>	<b>31%</b>	<b>n/a</b>
<b>TOTAL</b>	<b>366,932</b>	<b>100%</b>	<b>366,932</b>	<b>100%</b>	<b>95%</b>

### 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 and any measurement errors recording other components.