

Border Rivers Water Balance 2008/09

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage volume					
Volume in storage at start of year	186,195				
Volume in storage at end of year	197,145				
Change in storage			10,950	3%	100%
Storage net evaporation			4,302	1%	100%
Inflows					
Storage Inflows	99,512	27%			100%
Downstream tributaries (1)	271,015	73%			85%
Subtotal	370,527	100%			95%
Net Water diverted under water rights					
Domestic and stock rights (2)			8,000	2%	0%
Native title rights (2)			-	0%	0%
Subtotal			8,000	2%	0%
Net Water diverted under access licences					
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%
Subtotal			188,789	51%	100%
Environmental water					
Net diversions to wetlands			-	0%	100%
End of system flows (3)			107,821	29%	100%
Subtotal			107,821	29%	100%
Other outflows (4)			17,558	5%	100%
Unaccounted difference (5)			33,107	9%	98%
TOTAL	370,527	100%	370,527	100%	98%

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 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 measurement errors recording other components.