



Border Rivers Water Balance - 2009/10

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	197,145				
Volume in storage at end of year	137,052				
Change in storage	60,093	14%			100%
Storage net evaporation			7,609	2%	100%
Inflows					
Storage Inflows	66,691	16%			100%
Downstream tributaries (1)	295,983	70%			100%
Subtotal	362,674	86%			100%
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			733	0%	100%
High security			-	0%	100%
General security			71,549	17%	100%
Local water utility			-	0%	100%
Major water utility			-	0%	100%
Supplementary water			91,189	22%	100%
Subtotal			163,471	39%	100%
Environmental water					
End of system flows (3)			235,225	56%	100%
Subtotal			235,225	56%	100%
Other outflows (4)			8,462	2%	100%
Unaccounted difference (5)			-	0%	n/a
TOTAL	422,767	100%	422,767	100%	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, Macintyre Brook from CAIRO and plus the 'negative' unaccounted mass balance difference between the measured distribution of water and the annual flow at Mungindi.

(2) Water rights are not metered. Values presented are estimated from recommended values provided by NOW 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.