

Water Balance Report - Border Rivers 2019 - 2020

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			43,354		
Volume in storage at end of year			81,139		
Change in storage			37,785	12%	100%
Storage net evaporation			4,664	1%	100%
Inflows					
Storage Inflows	59,865	19%			100%
Downstream tributaries (1)	260,537	81%			100%
Subtotal	320,402	100%			100%
Net Water diverted under water rights					
Domestic and stock rights (2)			8,000	2%	0%
Native title rights (2)			0	0%	0%
Subtotal			8,000	2%	0%
Net Water diverted under access licences					
Domestic and stock			414	0%	100%
High security			68	0%	100%
General security			81	0%	100%
Local water utility			305	0%	100%
Major water utility			0	0%	100%
Supplementary water Queensland			30,351	9%	100%
Supplementary water NSW			9,881	3%	
Interstate Trade			190	0%	
Subtotal			41,291	13%	100%
Environmental water					
End of system flows (3)			81,073	25%	100%
Subtotal			81,073	25%	100%
Other outflows (4)			12,526	4%	100%
Unaccounted difference (5)			135,064	42%	n/a
Total	320,402	100%	320,402	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 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.