

Peel Valley Water Balances - 2010/11



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			55,455		
Volume in storage at end of year			62,207		
Change in storage			6,752	1%	100%
Storage net evaporation			1,441	0%	100%
Inflows					
Storage Inflows	123,264	20%			100%
Downstream tributaries (1)	478,214	80%			85%
Subtotal	601,478	100%			95%
Net Water diverted under water rights					
Domestic and stock rights (2)			299	0%	0%
Native title rights (2)			-	0%	0%
Subtotal			299	0%	0%
Net Water diverted under access licences					
Domestic and stock			42	0%	100%
High security			189	0%	100%
General security			3,267	1%	100%
Local water utility			3,417	1%	100%
Major water utility			-	0%	100%
Supplementary water			-	0%	100%
Subtotal			6,915	1%	100%
Environmental water					
End of system flows (3)			579,866	96%	100%
Subtotal			579,866	96%	100%
Unaccounted difference (4)			6,205	1%	n/a
TOTAL	601,478	100%	601,478	100%	95%

Notes

(1) Tributary inflow consists of Goonoo Goonoo Creek @ Timbumburi, Cockburn River @ Mulla Crossing and positive AUD's from major gaining sections in CAIRO

(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 flows are measured at Peel River at Carrol Gap

(4) 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.