

Namoi Valley 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 (1)					
Volume in storage at start of year	121,659				
Volume in storage at end of year	178,900				
Change in storage			57,241	14%	100%
Storage net evaporation (2)			8,540	2%	100%
Inflows					
Storage Inflows	133,806	34%			100%
Downstream tributaries (3)	264,276	66%			100%
Subtotal	398,082	100%			100%
Net Water diverted under water rights (4)					
Domestic and stock rights			1,936	1%	0%
Native title rights			-	0%	0%
Subtotal			1,936	1%	0%
Net Water diverted under access licences					
Domestic and stock			881	0%	100%
High security			195	0%	100%
General security			32,772	8%	100%
Local water utility			775	0%	100%
Major water utility			-	0%	100%
Supplementary water			62,860	16%	100%
Conveyance			-	0%	100%
Subtotal			97,483	24%	100%
Environmental water					
Net diversions to wetlands			-	0%	0%
End of system flows (5)			115,483	29%	100%
Subtotal			115,483	29%	100%
Other outflows (6)			3,292	1%	100%
Unaccounted difference (3)			114,107	49%	99%
TOTAL	398,082	100%	398,082	100%	99%

Notes

(1) Tributary inflow consists of Peel River @ Carrol Gap, Mooki River @ Ruvigne, Cox's Creek @ Boggabri, Brigalow Creek @ Tharlane and Pian Creek @ Waminda

(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 flows are measured at Walgett on the Namoi River

(4) Other outflows consist of Pian Creek flow measured at Dempseys Bridge

(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.