

**Namoi Valley Water Balance 2005-06**

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage volume</b>					
Volume in storage at start of year	216,627				
Volume in storage at end of year	154,862				
<b>Change in storage</b>	<b>61,765</b>	<b>14%</b>			100%
<b>Storage net evaporation</b>			<b>15,562</b>	<b>4%</b>	100%
<b>Inflows</b>					
Storage inflows	125,762	29%			100%
Downstream tributaries (1)	252,611	57%			100%
<b>Subtotal</b>	<b>378,373</b>	<b>86%</b>			100%
<b>Net Water diverted under water rights</b>					
Domestic and stock rights (2)			1,936	0%	0%
Native title rights (2)			-	0%	0%
<b>Subtotal</b>			<b>1,936</b>	<b>0%</b>	0%
<b>Net Water diverted under access licences</b>					
Domestic and stock			949	0%	100%
High security			405	0%	100%
General security			122,262	28%	100%
Local water utility			1,091	0%	100%
Major water utility			-	0%	100%
Supplementary water			16,618	4%	100%
Conveyance			-	0%	100%
<b>Subtotal</b>			<b>141,325</b>	<b>32%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands			-	0%	100%
End of system flows			197,431	45%	100%
<b>Subtotal</b>			<b>197,431</b>	<b>45%</b>	100%
<b>Other outflows</b>					
			-	0%	100%
<b>Unaccounted difference (3)</b>			<b>83,884</b>	<b>19%</b>	99%
<b>TOTAL</b>	<b>440,138</b>	<b>100%</b>	<b>440,138</b>	<b>100%</b>	99%

## Notes

(1) Downstream tributaries include gauged flows from the Peel R, Mooki R, Coxs Ck and Brigalow Ck. Ungauged tributaries were estimated from the increased mass balance between Keepit Dam and Mollee Weir, and between Weeta Weir and Bullawa.

(2) Water rights are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan.

(3) 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.