

## Namoi Valley Draft Water Balance 2008/09

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage volume (1)</b>					
Volume in storage at start of year	119,972				
Volume in storage at end of year	178,900				
<b>Change in storage</b>			<b>58,928</b>	<b>15%</b>	100%
<b>Storage net evaporation (2)</b>			<b>8,540</b>	<b>2%</b>	100%
<b>Inflows</b>					
Storage Inflows	133,806	34%			100%
Downstream tributaries (3)	264,276	66%			100%
<b>Subtotal</b>	<b>398,082</b>	<b>100%</b>			100%
<b>Net Water diverted under water rights (4)</b>					
Domestic and stock rights			1,936	1%	0%
Native title rights			-	0%	0%
<b>Subtotal</b>			<b>1,936</b>	<b>1%</b>	0%
<b>Net Water diverted under access licences</b>					
Domestic and stock			1,012	0%	100%
High security			176	0%	100%
General security			31,503	8%	100%
Local water utility			706	0%	100%
Major water utility			-	0%	100%
Supplementary water			62,860	16%	100%
Conveyance			-	0%	100%
<b>Subtotal</b>			<b>96,257</b>	<b>24%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands			-	0%	0%
End of system flows (5)			115,483	29%	100%
<b>Subtotal</b>			<b>115,483</b>	<b>29%</b>	100%
<b>Other outflows (6)</b>			<b>3,292</b>	<b>1%</b>	100%
<b>Unaccounted difference (3)</b>			<b>113,646</b>	<b>49%</b>	99%
<b>TOTAL</b>	<b>398,082</b>	<b>100%</b>	<b>398,082</b>	<b>100%</b>	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.