

**Hunter Valley Water Balance 2005-06**State  
water

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	530,605				
Volume in storage at end of year	395,528				
<b>Change in storage</b>	<b>135,077</b>	<b>47%</b>			100%
<b>Storage net evaporation</b>			<b>22,387</b>	<b>8%</b>	100%
<b>Inflows</b>					
Storage inflows	70,171	24%			100%
Downstream tributaries (1)	85,122	29%			100%
<b>Subtotal</b>	<b>155,293</b>	<b>53%</b>			100%
<b>Net Water diverted under water rights</b>					
Domestic and stock rights (2)			5,515	2%	0%
Native title rights (2)					0%
<b>Subtotal</b>			<b>5,515</b>	<b>2%</b>	0%
<b>Net Water diverted under access licences</b>					
Domestic and stock			1,057	0%	100%
High security			13,068	5%	100%
General security			91,002	31%	100%
Local water utility			7,799	3%	100%
Major water utility			35,064	12%	100%
Supplementary water			9,043	3%	100%
Conveyance				0%	100%
<b>Subtotal</b>			<b>157,032</b>	<b>54%</b>	100%
<b>Environmental water</b>					
Net diversions to wetlands					100%
End of system flows (3)			92,776	32%	100%
<b>Subtotal</b>			<b>92,776</b>	<b>32%</b>	100%
<b>Other outflows</b>					100%
<b>Unaccounted difference (4)</b>			<b>12,660</b>	<b>4%</b>	99%
<b>TOTAL</b>	<b>290,370</b>	<b>100%</b>	<b>290,370</b>	<b>100%</b>	99%

## Notes

(1) Sum of gauged downstream tributaries. There is no estimate of ungauged inflows, therefore this figure underestimates the tributary contribution and the total flow in the system.

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

(3) Hunter River at Greta

(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.