

# Water Balance Report

Richmond Valley 2014 – 2015

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			10,874		
Volume in storage at end of year			11,184		
<b>Change in storage</b>			<b>310</b>	<b>0%</b>	<b>100%</b>
<b>Storage net evaporation</b>			<b>1,344</b>	<b>1%</b>	<b>100%</b>
<b>Inflows</b>					
Storage inflows (1)	29,922	25%			100%
Downstream tributaries (2)	90,712	75%			100%
<b>Subtotal</b>	<b>120,634</b>	<b>100%</b>			
<b>Net water diverted under basic rights</b>					
Domestic and stock rights (3)			493		0%
Native title rights					
<b>Subtotal</b>			<b>493</b>	<b>0%</b>	
<b>Net Water diverted under access licences</b>					
Domestic and stock			-		100%
High security			5		100%
General security			97		100%
Local water utility			-		100%
Supplementary water			-		100%
<b>Subtotal</b>			<b>102</b>	<b>0%</b>	
<b>Environmental water</b>					
Environmental flows (plan)			-		100%
End of water source excess flows (4)			-		90%
<b>Subtotal</b>					
<b>Other outflows</b>					
<b>Unaccounted difference (6)</b>			<b>118,385</b>	<b>98%</b>	
<b>Total</b>	<b>120,634</b>	<b>100</b>	<b>120,634</b>	<b>100%</b>	

## Notes:

- (1) Calculated from volume change, plus evaporation and releases from Toonumbar dam.
- (2) Tributaries where gauged (Eden at Doubtful flow less Ironpot at Toonumbar)
- (3) Basic rights are not metered. Values presented are those in the Water Sharing Plan.
- (4) No gauges available.
- (5) All flows accounted in the mass balance.
- (6) Unaccounted differences include spills from Dam.
- (7) Planned environmental water delivery requirements were met 100% in 2014-15.