

Water Balance Report

Richmond Valley 2016 - 2017

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage Volume					
Volume in storage at start of year			11,067		
Volume in storage at end of year			11,210		
Change in storage			143	0.1%	100%
Storage net evaporation			1,237	0.9%	100%
Inflows					
Storage inflows (1)	27,556	19%			
Downstream tributaries (2)	116,211	81%			
Subtotal	143,767	100%			
Net water diverted under basic rights					
Domestic and stock rights (3)			493	0.3%	0.0%
Native title rights					
Subtotal			493	0.3%	0.0%
Net Water diverted under access licences					
Domestic and stock			-		
High security			81	0.1%	100%
General security			220	0.2%	100%
Local water utility			-		
Supplementary water			-		
Subtotal			301	0.2%	100%
Environmental water					
Environmental flows (plan) (4)			354	0.2%	0.0%
End of water source excess flows (5)			141,239	98.2%	100%
Subtotal			141,593	98.5%	100%
Other outflows					
Unaccounted difference					
Total	143,767	100%	143,767	100%	

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) Maintenance of visible flows downstream of last water supply
- (5) Measured flows at Doubtful
- (6) Planned environmental water delivery requirements were met 100% in 2016-17.