

Water Balance Report

Richmond Valley 2017 - 2018



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	11,210				
Volume in storage at end of year	11,070				
Change in storage	140	0%	0	0.0%	100%
Storage net evaporation			1,286	1.7%	100%
Inflows					
Storage inflows (1)	23,716	31%			
Downstream tributaries (2)	53,103	69%			
Subtotal	76,819	100%			
Net water diverted under basic rights					
Domestic and stock rights (3)			493	1%	0%
Native title rights					
Subtotal			493	1%	0%
Net Water diverted under access					
Domestic and stock			-		
High security			10	0%	100%
General security			485	1%	100%
Local water utility					
Supplementary water			-		
Subtotal			495	1%	100%
Environmental water					
Environmental flows (plan) (4)			354	0%	0%
End of water source excess flows (5)			74,331	97%	100%
Subtotal			74,685	97%	100%
Other outflows					
Unaccounted difference					
Total	76,959	100%	76,959	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 2017-18.