

Water Balance Report - Paterson Valley 2019 - 2020

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			16,938		
Volume in storage at end of Period			20,293		
Change in storage			3,355	5%	100%
Storage net evaporation			1,793	2.6%	100%
Inflows					
Storage Inflows (1)	32,061	47%			100%
Downstream tributaries (2)	36,733	53%			50%
Subtotal	68,794	100%			
Net Water diverted under basic rights					
Domestic and stock rights (3)			553		0%
Native title rights					
Subtotal			553	0.8%	
Net Water diverted under access licences					
Domestic and stock			-		100%
High security			136		100%
General security			3,372		100%
Local water utility			56		
Supplementary water			-		100%
Subtotal			3,564	5%	
Environmental water					
Environmental flows (Plan)(6)			4,746		
End of water source excess flows (4)			54,783		100%
Subtotal			59,529	87%	
Other outflows					
Unaccounted difference (5)			-		0%
Total	68,794	100%	68,794	100%	

Notes

- (1) Calculated from volume change, plus evaporation and releases.
- (2) Tributaries where gauged (Halton) - mass balanced to end of system - actual gauging
- (3) Basic rights are not metered. Values presented are those in the Water Sharing Plan.
- (4) Gauged at Gostwyck
- (5) Mass balance to End Of System
- (6) Planned environmental water delivery requirements were met 100% in 2019-20