

Water Balance Report

Paterson 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	20,307				
Volume in storage at end of Period	20,299				
Change in storage	8		-	0%	100%
Storage net evaporation			3,625	2%	100%
Inflows					
Storage Inflows (1)	35,830	40%			100%
Downstream tributaries (2)	95,334	60%			50%
Subtotal	131,164	100%			
Net Water diverted under basic rights					
Domestic and stock rights (3)			553		0%
Native title rights					
Subtotal			553	0%	
Net Water diverted under access licences					
Domestic and stock			14		100%
High security			88		100%
General security			3,482		100%
Local water utility					100%
Supplementary water			185		100%
Subtotal			3,769	1%	
Environmental water					
Environmental flows (Plan)			8,610		
End of water source excess flows (4)			123,225		100%
Subtotal			123,225	97%	
Other outflows					
Unaccounted difference (5)			-	0%	
TOTAL	131,172	100%	131,172	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 2017-18.