

Paterson River Water Balance - 2009/10



	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage volume					
Combined volume in storage at start of year	20,373				
Volume in storage at end of Period	20,329				
Change in storage	44	0%			100%
Spills			70,757	45%	100%
Storage net evaporation			1,477	1%	100%
Inflows					
Storage Inflows (1)	97,142	62%			100%
Downstream tributaries (2)	59,160	38%			50%
Subtotal	156,302	100%			
Net Water diverted under basic rights					
Domestic and stock rights (3)			552	0%	0%
Native title rights					
Subtotal			552	0%	
Net Water diverted under access licences					
Domestic and stock			-	0%	100%
High security			15	0%	100%
General security			2,440	2%	100%
Local water utility			11	0%	100%
Supplementary water			207	0%	100%
Subtotal			2,674	2%	
Environmental water					
Environmental flows (Plan)			6,821	4%	100%
End of water source excess flows (4)			74,065	47%	90%
Subtotal			80,886	52%	
Other outflows					
Unaccounted difference (5)				0%	
TOTAL	156,346	100%	156,346	100%	

Notes

(1) Calculated from volume change, plus evaporation and releases.

(2) Tributaries where gauged (Halton) - mass balanced to end of system - actual gauging 48,396

(3) Basic rights are not metered. Values presented are those in the Water Sharing Plan.

(4) Gauged at Gostwyck

(5) All flows accounted in the mass balance

Actual regulated releases from Lostock Dam 4,377