

Paterson River Water Balance 2007/08

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	20,370				
Volume in storage at end of year	20,360				
Change in storage	10	0%			100%
Storage net evaporation			3,016	1%	100%
Inflows					
Storage Inflows (1)	263,080	56%			100%
Downstream tributaries (2)	205,428	44%			100%
Subtotal	468,508	100%			
Net Water diverted under riparian rights					
Domestic and stock rights (3)			548	0%	0%
Native title rights					
Subtotal			548	0%	
Net Water diverted under access licences					
Domestic and stock					
High security			2	0%	100%
General security			560	0%	100%
Local water utility			-	0%	
Major utility			-	0%	
Supplementary			380	0%	
Conveyance			-	0%	
Subtotal			942	0%	
Environmental water					
Net diversions to wetlands			-	0%	
End of system flows (4)			464,012		
Subtotal			464,012	99%	
Other outflows					
Unaccounted difference (5)			-	0%	99%
TOTAL	468,518	100%	468,518	100%	99%

Notes

(1) Calculated from Lostock Dam volume change, plus evaporation and releases, less rainfall.

(2) Tributaries includes Upper Allyn River. No estimate made for other ungauged tributaries.

(3) Supplied under riparian right are not metered. Values presented are estimated only.

(4) Gauge at Gostwyck.

(5) All flows accounted in the mass balance - gauged tributary inputs increased to balance gauged flows @ Gostwyck.