

Water Balance Report

Bega and Brogo River 2012 – 2013

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	9,063				
Volume in storage at end of year	9,157				
Change in storage	-	0%	94	0%	100%
Spills			26,649		100%
Storage net evaporation			401	0%	100%
Inflows					
Storage inflows (1)	31,787	28%			
Downstream tributaries (2)	80,796	72%			
Subtotal	112,583				
Net water diverted under riparian rights					
Domestic and stock rights (3)			252	0%	0%
Native title rights					
Subtotal			252	0%	
Net Water diverted under access licences					
Domestic and stock			32	0%	100%
High security			88	0%	100%
General security			2,822	3%	100%
Local water utility			334	0%	100%
Supplementary water			422	0%	100%
Subtotal			3,698	4%	
Environmental water					
Environmental Flows (Plan)			-	0%	100%
End of water source excess flows (4)			-	0%	90%
Subtotal			-	0%	
Other outflows					
Unaccounted difference			108,137	96%	
Total	112,583	100%	112,583	100%	

Notes:

1. Calculated from volume change, plus evaporation and releases.
2. Tributaries where gauged (Kanoona)
3. Basic rights are not metered. Values presented are those in the Water Sharing Plan
4. No gauges available - barrage in place during regulated flow
5. All flows accounted in the mass balance actual regulated releases from Brogo Dam 4,778