

Water Balance Report

Bega and Brogo River 2011 – 2012

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	9,084				
Volume in storage at end of year	9,063				
Change in storage	21	0%	-	0%	100%
Spills			154,339		100%
Storage net evaporation			-349	0%	100%
Inflows					
Storage inflows (1)	154,886	35%			100%
Downstream tributaries (2)	291,217	65%			50%
Subtotal	446,104				
Net water diverted under riparian rights					
Domestic and stock rights (3)			104	0%	0%
Native title rights			104	0%	
Subtotal					
Net Water diverted under access licences					
Domestic and stock			-	0%	100%
High security			18	0%	100%
General security			939	0%	100%
Local water utility			297	0%	100%
Supplementary water			292	0%	100%
Subtotal			1,547	0%	
Environmental water					
Environmental flows (plan)			-	0%	100%
End of water source excess flows (4)			-	0%	90%
Subtotal			-	0%	
Other outflows					
Unaccounted difference			444,823	100%	
Total	446,125	100%	446,125	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 868