

Water Balance Report

Bega and Brogo River 2013 – 2014

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage Volume (1)					
Volume in storage at start of year	9,157				
Volume in storage at end of year	9,032				
Change in storage	125	0%	-	0%	100%
Storage net evaporation			324	0%	100%
Inflows					
Storage inflows (2)	54,489	41%			
Downstream tributaries (3)	78,156	59%			
Subtotal	132,645	100%			
Net water diverted under riparian rights					
Domestic and stock rights (4)			252	0%	0%
Native title rights					
Subtotal			252	0%	
Net Water diverted under access licences					
Domestic and stock			17	0%	100%
High security			49	0%	100%
General security			3,041	2%	100%
Local water utility			338	0%	100%
Major utility					
Supplementary water			198	0%	100%
Conveyance					
Subtotal			3,643	3%	
Environmental water					
Net diversions to wetlands (Plan)				0%	100%
End of system flows (4)				0%	90%
Subtotal				0%	
Other outflows					
Unaccounted difference (7)			128,551	97%	99%
Total	132,770	100%	132,770	100%	98%

Notes:

1. Storage volumes include Brogo Dam.
2. Calculated from volume change, plus evaporation and releases.
3. Tributaries where gauged (Kanoona).
4. Basic rights are not metered. Values presented are those in the Water Sharing Plan.
5. No gauges available - barrage in place during regulated flow.
6. All flows accounted in the mass balance. Actual regulated releases from Brogo Dam 4,022ML.
7. Unaccounted differences include storage spills from Dam.
8. Planned environmental water delivery requirements were met 100% in 2013-14.