



Gwydir Valley Water Balance 2006/07

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	333,456				
Volume in storage at end of year	148,335				
Change in storage	185,121	67%			100%
Storage net evaporation			9,721	4%	100%
Inflows					
Storage Inflows	53,462	19%			100%
Downstream tributaries	37,508	14%			100%
Subtotal	90,970	33%			100%
Net Water diverted under water rights					
Domestic and stock rights (1)			6,000	2%	0%
Native title rights (1)			-	0%	0%
Subtotal			6,000	2%	0%
Net Water diverted under access licences					
Domestic and stock			1,283	0%	100%
High security			11,240	4%	100%
General security			114,038	41%	100%
Local water utility			2,473	1%	100%
Major water utility			-	0%	100%
Supplementary water			434	0%	100%
Conveyance			-	0%	100%
Subtotal			129,467	47%	100%
Environmental water					
Net diversions to wetlands (2)			38,672	14%	100%
End of system flows (3)			15,025	5%	100%
Subtotal			53,697	19%	100%
Other outflows (4)			11,257	4%	100%
Unaccounted difference (5)			65,949	24%	99%
TOTAL	276,091	100%	276,091	100%	99%

Notes

(1) Water rights are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan.

(2) Flows measured into the Gingham Wetland and to the Lower Gwydir

(3) End of system flows include the Carole Ck at Galloway and the Mehi R at Collarenebri

(4) Other outflows - stock and domestic replenishments of the Mallowa Ck, Thalaba Ck and Ballinboora Ck

(5) Unaccounted difference is estimated as the difference between inflows, outflows and change in storage. This includes river evaporation, seepage, overbank flows, theft and any measurement errors recording other components.