

Gwydir Valley 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	148,335				
Volume in storage at end of year	298,543				
Change in storage			150,208	39%	100%
Storage net evaporation			6,384	2%	100%
Inflows					
Storage Inflows	269,069	70%			100%
Downstream tributaries	117,598	30%			100%
Subtotal	386,667	100%			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			1,311	0%	100%
High security			6,488	2%	100%
General security			26,278	7%	100%
Local water utility			2,339	1%	100%
Major water utility			-	0%	100%
Supplementary water			42,725	11%	100%
Conveyance			-	0%	100%
Subtotal			79,141	20%	100%
Environmental water					
Net diversions to wetlands (2)			76,280	20%	100%
End of system flows (3)			43,391	11%	100%
Subtotal			119,671	31%	100%
Other outflows (4)			25,263	7%	100%
Unaccounted difference (5)			0	0%	99%
TOTAL	386,667	100%	386,667	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.