

Namoi Valley Water Balance - 2009/10



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	178,900				
Volume in storage at end of year	134,767				
Change in storage	44,133	11%			100%
Storage net evaporation			14,270	4%	100%
Inflows					
Storage Inflows	45,979	12%			100%
Downstream tributaries (1)	301,731	77%			85%
Subtotal	347,710	89%			95%
Net Water diverted under water rights					
Domestic and stock rights (2)			1,936	0%	0%
Native title rights (2)			-	0%	0%
Subtotal			1,936	0%	0%
Net Water diverted under access licences					
Domestic and stock			664	0%	100%
High security			205	0%	100%
General security			33,636	9%	100%
Local water utility			861	0%	100%
Major water utility			-	0%	100%
Supplementary water			39,786	10%	100%
Subtotal			75,153	19%	100%
Environmental water					
End of system flows (3)			263,719	67%	100%
Subtotal			263,719	67%	100%
Other outflows (4)			669		
Unaccounted difference (5)			36,096	9%	n/a
TOTAL	391,843	100%	391,843	100%	95%

Notes

(1) Tributary inflow consists of Peel River @ Carrol Gap, Mooki River @ Ruvigne, Cox's Creek @ Boggabri, Brigalow Creek @ Tharlane and Pian Creek @ Waminda

(2) Water rights are not metered. Values presented are estimated from recommended values provided by NOW or as specified in Water Sharing Plans.

(3) End of system flows are measured at Walgett on the Namoi River

(4) Other outflows consist of Pian Creek flow measured at Dempseys Bridge

(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.