

Water Balance Report



Namoi System (Keepit and Split Rock Dams)

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	401,298				
Volume in storage at end of year	113,817				
Change in storage	287,481	83%			100%
Storage net evaporation			21,185	6%	100%
Inflows					
Storage Inflows	31,373	9%			100%
Downstream tributaries (1)	28,270	8%			85%
Subtotal	59,643	17%			95%
Net Water diverted under water rights					
Domestic and stock rights (2)			1,936	1%	0%
Native title rights (2)			-	0%	0%
Subtotal			1,936	1%	0%
Net Water diverted under access licences					
Domestic and stock			1,126	0%	100%
High security			3,313	1%	100%
General security			174,608	50%	100%
Local water utility			213	0%	100%
Major water utility			-	0%	100%
Supplementary water			-	0%	100%
Subtotal			179,260	52%	100%
Environmental water					
End of system flows (3)			6,871	2%	100%
Subtotal			6,871	2%	100%
Other outflows (4)			1,016	0%	
Unaccounted difference (5)			136,856	39%	n/a
TOTAL	347,124	100%	347,124	100%	95%

Notes:

- (1) Tributary inflow consists of Peel River @ Carrol Gap, Mooki River @ Ruvigne, Cox's Creek @ Boggabri, Brigalow Creek @ Tharlane, Pian Creek @ Waminda and other unmeasured tributary inflows
- (2) Water rights are not metered. Values presented are estimated from recommended values provided by DNR 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 Waminda.
- (5) Unaccounted difference is estimated as the difference between inflows, outflows and change in storage. This includes river evaporation, seepage, overbank flows and any measurement errors recording other components.