

SCA WATER BALANCE 2006/2007 FOR TOTAL SUPPLY SYSTEM

TOTAL SUPPLY SYSTEM	Sources of water		Distribution of Water	
	Volume (ML)	% of total	Volume (ML)	% of total
Storage Volume				
Volume in storages at start of year			1,078,660	
Volume in storages at end of year			1,405,760	
Change in Storages			327,100	21%
Storages net evaporation			94,015	6%
Inflows				
All dams and weirs (1)	1,546,655	99%		
Groundwater	450	0%		
Fish River Water Supply purchases	3,115	0%		
Sub-total	1,550,220	100%		
Water Supplied to Customers				
Sales to Sydney Water			502,692	32%
Sales to Wingecarribee Shire Council			4,221	0%
Sales to Shoalhaven City Council			77	0%
Sales to Retail Customers			268	0%
Sub-total			507,258	33%
Water released under Water Management Licence				
Releases to Shoalhaven City Council (Tallowa)			12,440	1%
Riparian releases			2,008	0%
Environmental releases (2)			41,195	3%
Other System release to river			499	0%
Sub-total			56,142	4%
Reservoir or Weir Spills			572,274	37%
Unaccounted difference (3)	6,568	0%		
TOTAL	1,556,788	100%	1,556,788	100%

(1) Environmental Releases from Wingecarribee to Warragamba are not included as inflow for the Total System although this release has been included as Inflow for the Warragamba System.

(2) Only Environmental Releases that leave the system boundary are included in the balance.

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

SCA WATER BALANCE 2006/2007 for Warragamba Supply System

WARRAGAMBA SYSTEM	Sources of water		Distribution of Water	
	Volume (ML)	% of total	Volume (ML)	% of total
Storage Volume				
Volume in storages at start of year			832,170	
Volume in storages at end of year			986,180	
Change in Storages			154,010	27%
Storages net evaporation			44,849	8%
Inflows				
Warragamba Dam (1)	476,400	83%		
Transfer from Shoalhaven	98,248	17%		
Sub-total	574,648	100%		
Water Supplied to Customers				
Sales to Sydney Water - Orchard Hills			20,002	3%
Sales to Sydney Water - Warragamba			1,299	0%
Sales to Sydney Water - Prospect			346,170	60%
Sales to Retail Customers			61	0%
Sub-total			367,532	64%
Water released under Water Management Licence				
Riparian Releases			1,825	0%
Environmental Releases			6,077	1%
Other Release to river(2)			407	0%
Sub-total			8,309	1%
Reservoir Spills			0	0%
Unaccounted difference (3)	52	0%		
TOTAL	574,700	100%	574,700	100%

(1) Includes environmental releases from Wingecarribee Reservoir.

(2) Other Releases to River are releases additional to the required environmental releases due to limitation of release mechanism and releases to meet North Richmond's daily water demand.

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

SCA WATER BALANCE 2006/2007 for Woronora Supply System

WORONORA SYSTEM	Sources of water		Distribution of Water	
	Volume (ML)	% of total	Volume (ML)	% of total
Storage Volume				
Volume in storages at start of year			21,770	
Volume in storages at end of year			37,750	
Change in Storages			15,980	53%
Storages net evaporation			1,554	5%
Inflows				
Woronora Dam	30,220	100%		
Water Supplied to Customers				
Sales to Sydney Water			9,120	30%
Sales to Retail Customers			0	0%
Water released under Water Management Licence				
Riparian Releases			0	0%
Environmental releases			3,563	12%
Reservoir Spills			0	0%
Unaccounted difference			3	0%
TOTAL	30,220	100%	30,220	100%

SCA WATER BALANCE 2006/2007 for Blue Mountains Supply System

BLUE MOUNTAINS SYSTEM	Sources of water		Distribution of Water	
	Volume (ML)	% of total	Volume (ML)	% of total
Storage Volume				
Volume in storages at start of year			1,940	
Volume in storages at end of year			2,700	
Change in Storages			760	12%
Storages net evaporation			365	6%
Inflows				
All Blue Mountains dams	3,332	52%		
Fish River Water Supply purchases	3,115	48%		
Sub-total	6,447	100%		
Water Supplied to Customers				
Sales to Sydney Water			4,788	74%
Sales to Retail Customers			0.4	0%
Water released under Water Management Licence			0	0%
Reservoir Spills			534	8%
Unaccounted difference			0	0%
TOTAL	6,447	100%	6,447	100%

SCA WATER BALANCE 2006/2007 for Shoalhaven Supply System

SHOALHAVEN SYSTEM	Sources of water		Distribution of Water	
	Volume (ML)	% of total	Volume (ML)	% of total
Storage Volume				
Volume in storages at start of year			56,820	
Volume in storages at end of year			63,680	
Change in Total Storage			6,860	1%
Storages net evaporation			23,120	3%
Inflows				
Tallowa dam (1)	699,530	94%		
Fitzroy Falls (2)	24,860	3%		
Wingecarribee Dam	14,790	2%		
Sub-total	739,180	99%		
Water Supplied to Customers				
Sales to Shoalhaven City Council			77	0%
Sales to Wingecarribee Shire Council			4,221	1%
Sales to Retail Customers			0.3	0%
Sub-total			4,298	1%
Transfers to SCA's other supply systems				
Wingecarribee River to Warragamba			98,248	13%
Glenquarry Cut			77,685	10%
Sub-total			175,933	24%
Water released under Water Management Licence				
Riparian Releases (Wingecarribee)			183	0%
Environmental Releases				
Tallowa			29,270	4%
Wingecarribee			548	0%
Sub-total			29,818	4%
Shoalhaven City Council releases from Tallowa			12,440	2%
Reservoir Spills (3)			492,840	66%
Unaccounted difference (4)	6,311	1%		
TOTAL	745,491	100.00%	745,491	100.00%

(1) The inflow estimate for Tallowa Dam excludes the release from Fitzroy Falls Dam.

(2) Fitzroy Falls Dam: Inflow is estimated as 4.4 times the gauged flow at Wildes Meadow.

(3) Only spills that leave the system boundary are included in the balance.

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

SCA WATER BALANCE 2006/2007 for Upper Nepean Supply System

UPPER NEPEAN SYSTEM	Sources of water		Distribution of Water	
	Volume (ML)	% of total	Volume (ML)	% of total
Storage Volume				
Volume in storages at start of year			165,960	
Volume in storages at end of year			315,450	
Change in Storages			149,490	40%
Storages net evaporation			24,127	6%
Inflows				
Cataract dam	72,800	19%		
Cordeaux dam	40,950	11%		
Avon dam (Not incl. transfers from Nepean Dam)	44,960	12%		
Nepean dam	83,690	22%		
Groundwater	450	0%		
Prospect Reservoir	4,500	1%		
Cataract Dam to Broughtons Pass Weir	22,450	6%		
Nepean, Avon and Cordeaux Dams To Pheasants Nest Weir	28,720	8%		
Transfer from Shoalhaven	77,685	21%		
Sub-total	376,205	100%		
Water Supplied to Customers				
Upper Avon sales to Sydney Water			34,945	9%
Nepean Dam sales to Sydney Water			3,900	1%
Broughton's Pass sales to Sydney Water			26,191	7%
Sales to Sydney Water Prospect			56,277	15%
Sales to Retail Customers			206	0%
Sub-total			121,519	32%
Water released under Water Management Licence				
Environmental release at Pheasants Nest			1,916	1%
Environmental release at Broughtons Pass			369	0%
Environmental release at Prospect Reservoir			0	
Other releases to river (1)			92	0%
Sub-total			2,377	1%
Reservoir or weir Spills (2)			78,900	21%
Unaccounted difference (3)	208	0%		
TOTAL	376,413	100%	376,413	100%

(1) Other Releases to River are releases additional to the required environmental releases due to limitation of release mechanism.

(2) Only spills that leave the system boundary are included in the balance.

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