

securing | our water future

Murray System



Murray Supply System consists of: Cohuna, Echuca, Gunbower and Leitchville.

All of our supply systems have different sources of water and supply constraints. Please ensure you read the update relevant to your town.

We welcome your feedback on these updates to ensure we are providing information that is relevant and useful.

Send your suggestions and feedback to our postal address:

37- 45 Bridge Street,
Bendigo 3550 or e-mail to:
communications@coliban.com.au

What we currently have access to

Murray System Water [#]	Temporary water purchased	Less water used so far this season	Total available (Megalitres)
11,774 ML	0 ML	843 ML	10,931

Additional water information

Bulk Entitlement & Water Shares - Murray

Water component	Bulk Entitlement/ Water shares volume	Allocation date	Allocation percentage	Allocation volume*
Murray BE	6,285 ML	1 Nov 2011	95%	5,971 ML
Murray HR [^]	55 ML	1 Nov 2011	95%	52 ML
Murray LR [^]	24 ML	1 Nov 2011	0%	0 ML
Total				6,023 ML

[^] Watershares held by Coliban Water. HR = High Reliability, LR = Low Reliability

2010/11 Net carryover	Allocation volume**	Less water already spilt	Less balance held in SWA	Avail Murray System water [#]
5,751 ML	6,023 ML	0 ML	0 ML	11,774 ML

** BE, High Reliability plus Low Reliability allocation volumes from the above table.

[#] Available water is Carryover plus Allocation minus water spilt minus balance held in SWAs.
Declaration of Very Low Risk of Spill was made by the storage manager on 1 July 2011.



Further system information

On 1 October 2010, Echuca and Leitchville moved to Permanent Water Saving Rules.

On 15 January 2011, Cohuna and Gunbower moved to Permanent Water Saving Rules.

Current volume extracted for 2011/12 season

Town	Volumes ML
Cohuna	180 ML
Echuca	585 ML
Gunbower	15 ML
Leitchville	62 ML
Total	843 ML

What we need for customer supply

Residential customers	Business and Industry	Operational water *	Total ML (Megalitres)
2,500 ML	2,350 ML	550 ML	5,400 ML

Water needs for 12 months based on Permanent Water Saving Rules.

For all current water restriction levels refer to - www.coliban.com.au

* Operational water includes all losses e.g. evaporation, system losses, seepage and treatment process losses.

Water restrictions outlook

Current PWSR	Water restriction outlook	
	3 Months	6 Months
Wet	PWSR	PWSR
Average	PWSR	PWSR
Dry	PWSR	PWSR

Wet Inflow conditions that have 1 in 10 chance of being exceeded

Average Inflow conditions that have 5 in 10 chance of being exceeded

Dry Inflow conditions that have 9 in 10 chance of being exceeded

PWSR Permanent Water Saving Rules

Consumption - actual versus forecast

The graph and table below indicates the actual demand in the Murray System compared with the forecast demand (for 100% of long-term average (LTA) rainfall).

Monthly actual demand	Demand compared to forecast	Total consumption for 2011/12	Total demand compared to forecast
221 ML	207 ML lower	843 ML	445 ML lower

