

securing | our wāter future

Coliban System (Southern)



Coliban System (Southern) consists of: Castlemaine, Kyneton, Maldon, Newstead, Malmsbury, Harcourt, Elphinstone, Tylden and Taradale.

These customers are supplied from the main Coliban headworks storages, near Kyneton and Malmsbury.

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:*

What we have available in storage

Our storages *	Environmental reserve **	Holding basins (McCay and Barkers Creek)	Total ML Available (Megalitres)
69,970 ML	0 ML	2,723 ML	72,693 ML

* Coliban Headworks Storages - Upper Coliban, Lauriston and Malmsbury Reservoirs.

** Stored in Malmsbury Reservoir and available to meet environmental obligations. Not available for urban and/or rural consumption.

Additional water source information

Historical information on Coliban catchment storage inflows

Inflows for month this year	Inflows for same month last year	10-year average inflows for month	Long term average inflows for month
7,750 ML	20,917 ML	6,091 ML	13,926 ML

What we need for customer supply

Residential customers	Business Industry and Rural	Operational water ***	Total ML (Megalitres)
2,500 ML	6,400 ML	12,500 ML	21,400 ML

Water needs for 12 months based Permanent Water Saving Rules and at least 70% rural allocation. 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.



Further system information

> Castlemaine System towns moved off restrictions and onto Permanent Water Saving Rules from 1 March 2011.

> Kyneton, Malmsbury and Tylden moved to Permanent Water Saving Rules from 15 January 2011.

> 64 mm of rainfall was received at our catchment storages located near Malmsbury during August.

> Inflows into our Upper Coliban, Lauriston and Malmsbury storages, were less than that of the long-term average inflow for the month.

> Inflows for the year ending 30 June 2011 were 118,594 ML which is almost double the long term average of 61,749ML

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 12/09/2011

Water restrictions and rural season outlook

The initial rural system seasonal allocation announcement for 2011/12 will be made on 15 September 2011.

Current	Water restriction outlook		Rural outlook
PWSR	3 Months	6 Months	3 Months
Wet	PWSR	PWSR	70%+
Average	PWSR	PWSR	70%+
Dry	PWSR	PWSR	70%+

The outlook is based on inflows to storages as experienced over the the past 10 years. We are currently in average inflow conditions.

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

Consumption - actual versus forecast

The graph and table below indicates the actual demand in the Coliban System (Southern) compared with the forecast demand.

Monthly actual demand	Demand compared to forecast	Total consumption for 2011/12	Total demand compared to forecast
184 ML	52 ML lower	356 ML	78 ML lower

