

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)
70,719 ML	0 ML	2,416 ML	73,135 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
6,353 ML	20,917 ML	7,364 ML	23,343 ML

What we need for customer supply

Residential customers	Business Industry and Rural	Operational water ***	Total ML (Megalitres)
2,300 ML	6,900 ML	12,500 ML	21,700 ML

Water needs for 12 months based Permanent Water Saving Rules and 100% 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.

> 73 mm of rainfall was received at our catchment storages located near Malmsbury during September.

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

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 07/10/2011

Water restrictions and rural season outlook

The rural system seasonal allocation announcement for 2011/12 was made on 15 September 2011. The seasonal allocation is 100%.

Current	Water restriction outlook		Rural outlook
PWSR	3 Months	6 Months	3 Months
Wet	PWSR	PWSR	100%
Average	PWSR	PWSR	100%
Dry	PWSR	PWSR	100%

The outlook is based on inflows to storages as experienced over the the past 10 years. We are currently in average but heading towards dry 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
195 ML	102 ML lower	552 ML	178 ML lower

