

securing | our water future

## Coliban System (Southern)



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

*These customers are supplied from the main 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:  
[communications@coliban.com.au](mailto:communications@coliban.com.au)

### What we need for customer supply

Residential customers	Business Industry and Rural	Operational water**	Total (Megalitres)
2,000ML	3,700ML	9,000ML	<b>14,700ML</b>

Water needs for 12 months based on current Stage 3 water restrictions and 30% rural allocation. For all current water restriction levels refer to - [www.coliban.com.au](http://www.coliban.com.au)

\*\* Operational water includes all losses eg. evaporation, system losses, seepage and treatment process losses.

### What we currently have in storage

Our storages* (Upper Coliban, Lauriston and Malmsbury)	Holding Basins (McCay and Barkers Creek)	Total (Megalitres)
17,751ML	1502ML	<b>19,253ML</b>

\*Excluding environmental flow

### Additional water source information

#### Historical information on Coliban storage inflows

Long Term Average inflows for December	10 year average December inflows	Inflows for month of December last year	Inflows for December this year
2,312ML	549ML	0ML	502ML



**Further system information**

> 60.4mm of rainfall was received at our catchment storages located near Malmsbury. Inflows into our Upper Coliban, Lauriston and Malmsbury storages were 21.7% of the long-term average inflow.

> Water restrictions were eased from Stage 4GE to Stage 3 on 1 December 2009.

For full details on Stage 3 water restrictions, click on the Water Restrictions link on our website.

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 15/01/2010

## Water restrictions and rural season outlook

We received 14.2GL of inflow over the last six months and were able to announce an emergency water allocation for eligible commercial rural customers under a Ministerial Qualification. Water restrictions have also been eased.

Emergency supply rural customers also have access to an additional 20% of their licence volume via an arrangement that will allow them to substitute water purchased in the Goulburn system with water in Coliban Water's catchment storages.

	Water Restriction outlook		Rural Season allocation outlook	
	March	May	March	May
<b>Wet</b>	Stage 2	Stage 2	30%	30%
<b>Average</b>	Stage 3	Stage 3	EWS	EWS
<b>Dry</b>	Stage 3	Stage 3	EWS	EWS

The Outlook is based on inflows to storages as experienced over the the past 10 years. We are currently in dry 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
- \*EWS Emergency Water Supply

## Consumption - actual versus forecast

The graph below indicates the actual demand in the Coliban System (Southern) compared with the predicted demand for Stage 4GE and Stage 3 water restrictions as were applicable.

Coliban System (Southern) monthly actual demand for December was 59ML less than the forecast demand. Total consumption for 2009/10 is 1,082ML which is 108ML less than the forecast demand.

