

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:  
[publicaffairs@coliban.com.au](mailto:publicaffairs@coliban.com.au)

### What we need for customer supply

Residential customers	Business industry and Rural	Operational water**	Total (Megalitres)
1,500ML	3,500ML	8,000ML	<b>13,000ML</b>

Water needs for 12 months based on current Stage 4 GE (General Exemption) 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)
7,428ML	1,297ML	<b>8,725ML</b>

### Additional water source information

Historical information on Coliban storage inflows

Long Term Average inflows for July	10 year average July inflows	Inflows for month of July last year	Inflows for July this year
10,191ML	3,220ML	851ML	873ML



**Further system information**

> We have finalised our contingency plan and are now scoping alternative supply options for Castlemaine and Kyneton areas. One of these options is a connection of the Goldfields Superpipe to Castlemaine, which we are now investigating.

> 85mm of rainfall was received at our Headworks storages located near Malmsbury. Inflows into our Upper Coliban, Lauriston and Malmsbury storages were only 8.6% of the long-term average inflow.

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 17/08/09

## Water restrictions and rural season outlook

Our storage volumes continue to remain low with poor inflow recorded to date. Good inflows to our storages are still required to enable restriction levels to be eased and to declare a rural season. We are currently on Stage 4 GE (General Exemption).

	Water Restriction outlook		Rural Season allocation outlook	
	October	December	October	December
<b>Wet</b>	Stage 4(GE)	Stage 3	30%	30%
<b>Average</b>	Stage 4(GE)	Stage 4(GE)	EWS	EWS
<b>Dry</b>	Stage 4(GE)	Stage 4(GE)	0%	0%

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 4 General Exemption.

Total consumption for 2009/10 is 162ML which is 10ML less than the forecast demand.

