

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)
9,376ML	1,243ML	<b>10,619ML</b>

### Additional water source information

Historical information on Coliban storage inflows

Long Term Average inflows for August	10 year average August inflows	Inflows for month of August last year	Inflows for August this year
14,017ML	5,870ML	972ML	2,340ML



**Further system information**

> Flora, Fauna, European and Cultural Heritage investigations are underway for the Castlemaine Link project.

> 79mm of rainfall was received at our Headworks storages located near Malmsbury. Inflows into our Upper Coliban, Lauriston and Malmsbury storages were only 16.7% of the long-term average inflow.

## 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	
	November	January	November	January
<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%

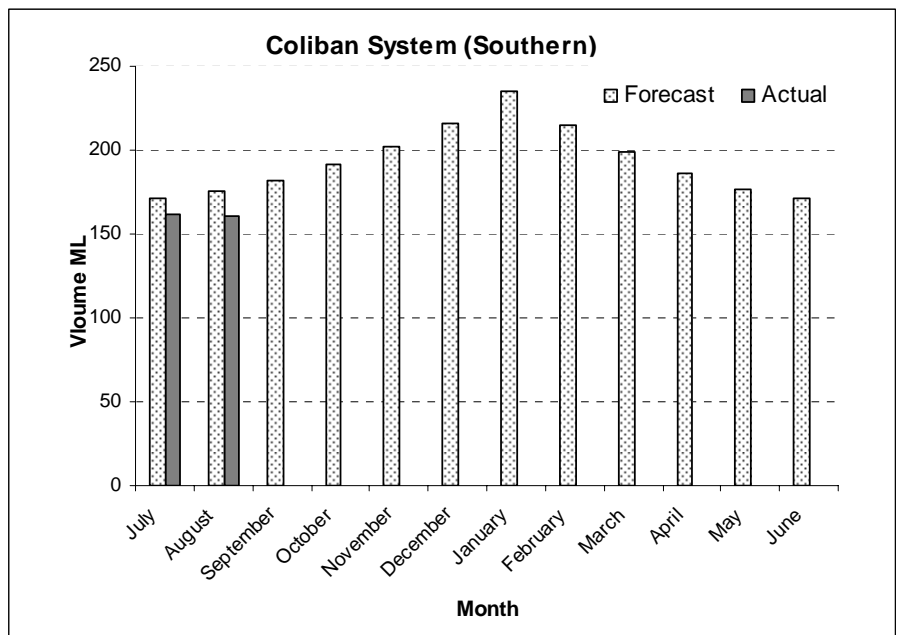
The Outlook is based on inflows to storages as experienced over the the past 10 years. We are currently in dry conditions.

- 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.

Coliban System (Southern) monthly actual demand for August was 15ML less than the forecast demand. Total consumption for 2009/10 is 322ML which is 25ML less than the forecast demand.



Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 18/09/09