

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

What we need for customer supply

| Residential customers | Business industry and Rural | Operational water** | Total (Megalitres) |
|-----------------------|-----------------------------|---------------------|--------------------|
| 1,500ML | 3,500ML | 9,000ML | 14,000ML |

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

** 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) |
|---|--|--------------------|
| 19,622ML | 1,058ML | 20,680ML |

Additional water source information

Historical information on Coliban storage inflows

| Long Term Average inflows for October | 10 year average October inflows | Inflows for month of October last year | Inflows for October this year |
|---------------------------------------|---------------------------------|--|-------------------------------|
| 8,501ML | 5,240ML | 407ML | 6,052ML |



Further system information

> 65.2mm of rainfall was received at our Headworks storages located near Malmsbury. Inflows into our Upper Coliban, Lauriston and Malmsbury storages were 71.2% of the long-term average inflow.

> A limited volume of water has been offered to Macedon Ranges Shire Council and Mount Alexander Shire Council for parks and sporting fields of high community importance in Castlemaine and Kyneton areas this summer.

Both councils must submit a Water Conservation Plan detailing the intended use of the water.

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 16/11/09

Water restrictions and rural season outlook

Our storage volumes continue to remain low. However, we did receive 13,000ML of inflow over the last four months and have been able to announce an emergency water allocation for eligible commercial rural customers under a Ministerial Qualification. Urban customers are currently on Stage 4 GE (General Exemption) restriction.

| | Water Restriction outlook | | Rural Season allocation outlook | |
|----------------|---------------------------|-------------|---------------------------------|-------|
| | January | March | January | March |
| Wet | Stage 3 | Stage 3 | 30% | 30% |
| Average | Stage 3 | Stage 3 | EWS | EWS |
| Dry | Stage 4(GE) | Stage 4(GE) | 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 4 General Exemption.

Coliban System (Southern) monthly actual demand for October was 13ML less than the forecast demand. Total consumption for 2009/10 is 659ML which is 61ML less than the forecast demand.

