

securing | our water 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: communications@coliban.com.au

What we have available in storage

Our storages *	Environmental reserve **	Holding basins (McCay and Barkers Creek)	Total ML available (Megalitres)
68,441 ML	0 ML	2,396 ML	70,837 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
1,351 ML	20,167 ML	3,651 ML	4,089 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

> 54.4 mm of rainfall was received at our catchment storages located near Malmesbury during November.

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

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 to 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 information below shows actual demand in the Coliban System (Southern) compared with forecast for a rainfall range (65% to 200% of long-term average).

Monthly actual demand	Demand compared to forecast	Total consumption for 2011/12	Total demand compared to forecast
210 ML	211 ML lower	960 ML	551 ML lower

