

securing | our water future

## Coliban System (Southern)



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

*These customers are supplied from the main Coliban headworks storages, near Kyneton and Malsbury.*

*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 currently have in storage

Our storages *	Environmental reserve **	Holding basins (McCay and Barkers Creek)	Total ML available (Megalitres)
68,081 ML	2,834 ML	2,748 ML	<b>73,663 ML</b>

\* Coliban Headworks Storages - Upper Coliban, Lauriston and Malsbury Reservoirs.

\*\* Stored in Malsbury 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
1,085 ML	0 ML	177 ML	433 ML

### What we need for customer supply

Residential customers	Business Industry and Rural	Operational water ***	Total ML (Megalitres)
2,500 ML	5,000 ML	10,500 ML	<b>18,000 ML</b>

Water needs for 12 months based on current Stage 1 water restrictions and 70% rural allocation.

For all current water restriction levels refer to - [www.coliban.com.au](http://www.coliban.com.au)

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



### Further system information

> Castlemaine System towns were on Stage 1 restrictions throughout February 2011 but moved off restrictions and onto Permanent Water Saving Rules from 1 March 2011.

> Kyneton, Malmsbury and Tylden moved to Permanent Water Saving Rules from 15 January 2011.

> 46 mm of rainfall was received at our catchment storages located near Malmsbury during April.

> Inflows into our Upper Coliban, Lauriston and Malmsbury storages, were two times that of the long term average inflow for the month.

> Inflows year-to-date from 1 July 2010 are 115,318 ML which is more than double the long term year-to-date average of 54,498ML

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 06/05/2011

## Water restrictions and rural season outlook

The initial rural allocation announcement for 2010/11 was made on 15 September 2010. Due to weather conditions and after consultation with customer groups, no further allocations will be made this season.

Current	Water restriction outlook		Rural outlook
	3 Months **	6 Months	3 Months
<b>PWSR &amp; Stage 1</b>			
Wet	PWSR	PWSR	70%
Average	PWSR	PWSR	70%
Dry	PWSR	PWSR	70%

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

\*\* Water restriction levels for the Castlemaine System are currently constrained by treatment capacity of the Castlemaine Water Treatment Plant whilst a major upgrade is underway. The upgrade is expected to be completed in the first half of 2011 after which time restriction levels will be eased.

## Consumption - actual versus forecast

The graph and table below indicates the actual demand in the Coliban System (Southern) compared with the forecast demand.

Monthly actual demand	Demand compared to forecast	Total consumption for 2010/11	Total demand compared to forecast
197 ML	219 ML lower	1,907 ML	1,457 ML lower

