

securing | our water future

## Coliban System (Northern)



*Coliban System (Northern) consists of: Bendigo, Heathcote, Raywood, Sebastian, Tooborac and Axedale.*

*These customers can be supplied by the main Coliban storages, % share of Lake Eppalock and the Goldfields Superpipe.*

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](mailto:communications@coliban.com.au)

### What we need for customer supply

Residential customers	Business, Industry and Rural	Operational water**	Total (Megalitres)
7,000ML	4,500ML	6,500ML	<b>18,000ML</b>

Water needs for 12 months based on Stage 3 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* (Sandhurst and Caledonia)	Lake Eppalock (our share)	Goulburn system water^	Urban trade water	Total (Megalitres)
2,201ML	13,850ML	16,610ML	296ML	<b>32,957ML</b>

\*Additional water is stored in Coliban storages and is held back for Coliban Southern system but potentially available to supply Coliban Northern system if required. ^ Includes 10,367 (95% of 10,913ML) carryover from 2008/09 season, Goulburn system allocations of 11,240ML and 2,000ML from temporary water purchases and we have pumped 6,997ML for this season.

### Additional water source information

#### Water entitlement

Goulburn system entitlement	Allocation	Water allocation volume
22,480ML	50%	11,240ML (included above)



**Further system information**

> The Bendigo region received 19.0mm of rainfall in December, which is below the average of 33.1mm for the month.

## Water restrictions and rural season outlook

The current allocation in the Goulburn system is 50%. We have also purchased 2,000ML of temporary water to secure supplies for the Bendigo and Heathcote urban areas. Raywood and Sebastian remain on Stage 4 (GE) water restrictions.

	Water Restriction outlook		Rural Season allocation outlook	
	March	May	March	May
<b>Wet</b>	Stage 2	Stage 2	30%	30%
<b>Average</b>	Stage 3	Stage 3	EWS*	EWS*
<b>Dry</b>	Stage 3	Stage 3	EWS*	EWS*

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

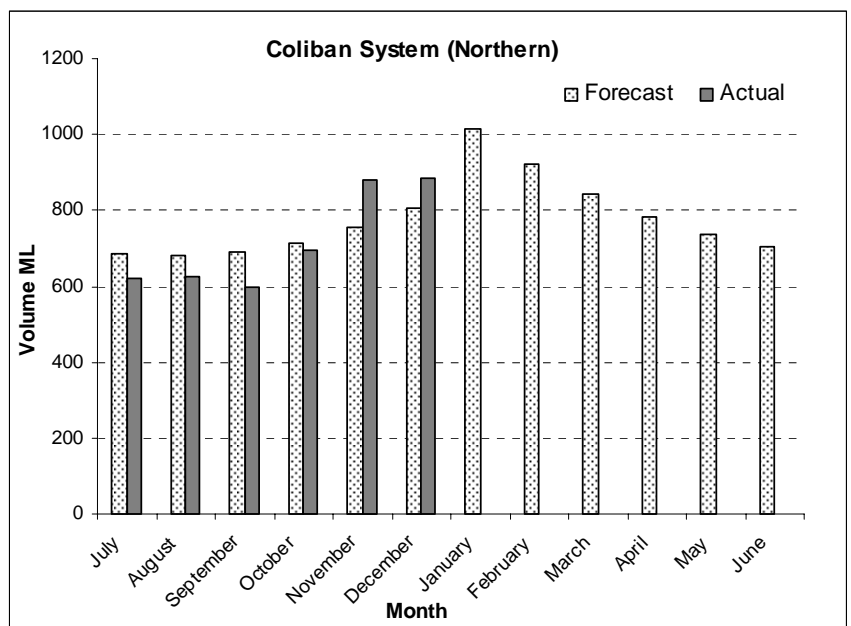
- Wet Inflow conditions that have 1 in 10 chance of being exceeded
- Average Inflow conditions that have 5 in 10 chance of being exceeded
- Dry Inflow conditions that have 9 in 10 chance of being exceeded
- \*EWS Emergency Water Supply

## Consumption - actual versus forecast

The graph below indicates the actual demand in the Coliban System (Northern) compared with the predicted demand for Stage 3 water restriction.

Coliban System (Northern) monthly actual demand for December was 79ML higher than the forecast demand.

Total consumption for 2009/10 is 4,304ML which is 23ML 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. 15/01/2010

