

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:
publicaffairs@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	18,000ML

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

** 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, Malmbury and all holding basins)	Lake Eppalock (our share)	Goulburn system water*	Urban trade water	Total (Megalitres)
22,148ML	12,224ML	18,947ML	0ML	53,319ML

*Includes 10,367 (95% of 10,913ML) carryover from 2008/09 season, Goulburn system allocations of 10,341ML and 2,000ML from temporary water purchases and we have pumped 3,791ML for this season.

Additional water source information

Water entitlement

Goulburn system entitlement	Allocation	Water allocation volume
22,480ML	46%	10,341ML (included above)



Further system information

> The Bendigo region received 61.0mm of rainfall in November, which is above the average of 37.4mm for the month.

> Inflows into our Upper Coliban, Lauriston and Malmsbury storages were 20.1% of the long-term average inflow.

Historical information on Coliban storage inflows

Long Term Average inflows for November	10 year average November inflows	Inflows for month of November last year	Inflows for November this year
4,002ML	2,693ML	387ML	806ML

Water restrictions and rural season outlook

The current allocation in the Goulburn system is 46%. 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	
	February	April	February	April
Wet	Stage 2	Stage 2	30%	30%
Average	Stage 3	Stage 3	EWS*	EWS*
Dry	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 November was 125ML higher than the forecast demand. This is largely due to the warm weather experienced in early November. Total consumption for 2009/10 is 3,418ML which is 101ML less than the forecast demand.

