

Coliban System (Northern)



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

These customers can be supplied by the main Coliban catchment 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*

What we currently have in storage

Our Storages*	Lake Eppalock (our share)	Goulburn System Water [^]	Total ML (Megalitres)
2,691 ML	19,330 ML	12,556 ML	34,577 ML

* Sandhurst and Caledonia storages. Additional water is also stored in Coliban catchment storages and is held back for Coliban System (Southern) but is potentially available to supply Coliban System (Northern) if required.

[^] Includes 12,556 ML (95% of 13,217 ML) carryover from 2009/10 season, Goulburn System allocations, temporary water purchases and Superpipe pumping for this season.

Additional water source information

Water Entitlement

Goulburn System Entitlement	Allocation date	Allocation percentage	Allocation volume
22,709 ML	2 August 2010	5%	1,135 ML

Temporary Water Purchases & Goulburn pumping

Water purchased in month	Water purchased year to date	Goulburn transfers in month	Goulburn year to date
0 ML	0 ML	0 ML	0 ML

What we need for customer supply

Residential customers	Business, Industry and Rural	Operational Water **	Total ML
7,000 ML	4,500 ML	6,500 ML	18,000 ML

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 e.g. evaporation, system losses, seepage and treatment process losses.



Water restrictions and rural season outlook

We have not purchased any temporary water so far this financial year. Raywood and Sebastian remain on Stage 4 (GE) water restrictions.

	Water restriction outlook		Rural season allocation outlook
	3 Months **	6 Months **	3 Months
Wet	Stage 3	Stage 3	50%
Average	Stage 3	Stage 3	25%
Dry	Stage 3	Stage 3	EWS*

The outlook is based on inflows to storages as experienced over the past 10 years. Currently we are 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

*EWS Emergency Water Supply

**Water restriction levels for the Coliban Northern System are currently constrained by treatment capacity of the Bendigo Water Treatment Plant whilst a major upgrade is underway. The upgrade is expected to be completed in the first half of 2011.

Consumption - actual versus forecast

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

Monthly actual demand	Demand compared to forecast	Total consumption for 2010/11	Demand compared to forecast
669 ML	36 ML higher	669 ML	36 ML higher

