

securing | our water future



Loddon System



Loddon supply system consists of: Bealiba, Bridgewater, Dunolly, Inglewood, Jarklin, Laanecoorie, Serpentine and Tarnagulla.

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 need for customer supply

Residential customers	Business and industry	Operational water**	Total (Megalitres)
140ML	60ML	110ML	310ML

Water needs for 12 months based on Stage 4 water restrictions.

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 allocation

Loddon River bulk water entitlement*	Carry over water from last season	Temporary water purchased	Urban trade water	Total (Megalitres)
410ML	113ML	0ML	0ML	523ML

* Coliban Water has access to 50% of its 820ML Bulk Entitlement while general irrigation allocations on the Loddon River system remain below 50%. This equates to 410ML.

Current volume extracted for 2009/2010 season

Town	Volumes (Megalitres)
Bridgewater / Inglewood	152.8
Jarklin	1.0
Laanecoorie / Bealiba / Dunolly / Tarnagulla	72.3
Serpentine [^]	10.7
Total	236.8

[^]Due to high salinity levels in the Serpentine Creek, a percentage of Serpentine's water is being carted from Bendigo – Coliban system (Northern).



Further system information

>The continuing dry conditions in the Loddon River system have resulted in increased salinity of the river water.

The Bridgewater Desalination Plant was officially opened in December last year to help remove the salt from the drinking water supply and to improve taste.

However, the raw water available in the Loddon system is so highly saline, that any easing of water restrictions will depend on good winter inflows to the Loddon storages and the subsequent flushing of the current saline water from the Loddon River.

Additional water information

Bulk entitlement

Loddon River annual bulk entitlement volume	Current allocation #
820ML	50%

Refer note on previous page

Water restrictions outlook

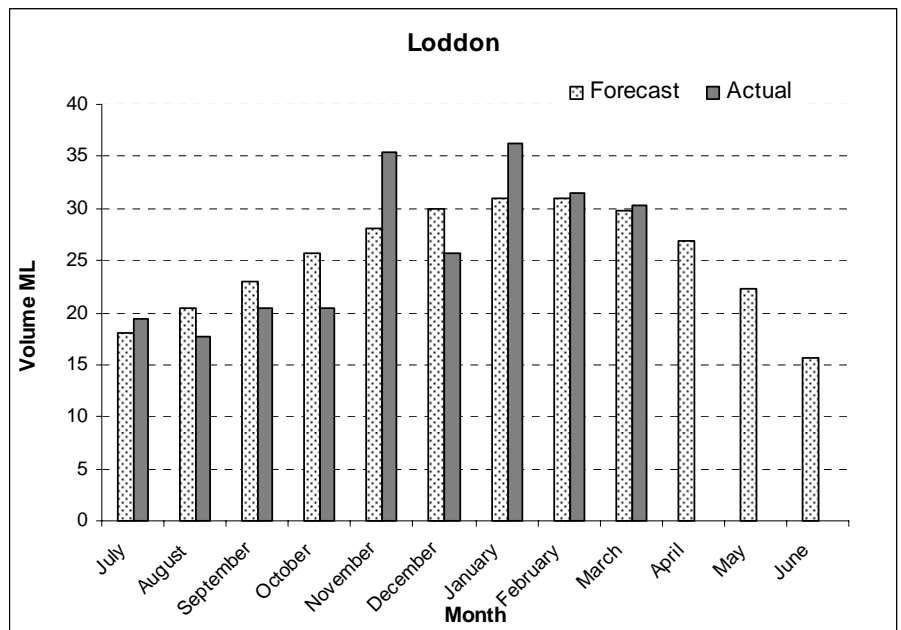
	Water Restriction outlook	
	June	August
Wet	Stage 4	Stage 4
Average	Stage 4	Stage 4
Dry	Stage 4	Stage 4

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 graph below indicates the actual demand in the Loddon system compared with the forecast demand for Stage 4.

Loddon monthly actual demand for March was just above the forecast demand. Total consumption for 2009/10 is 237ML which is same as the forecast demand.



Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 15/04/2010

