

Mid Goulburn Groundwater Management Area

The Mid Goulburn Groundwater Management Area (GMA) extends from the foothills of the Great Dividing Range near Avenel to Wunghnu in the north and incorporates the towns of Nagambie, Tatura and Shepparton – refer to map overleaf.

Groundwater resources in the GMA are managed under a Local Management Plan, which was approved by Goulburn-Murray Water (GMW) in 2014 (the Plan).

Groundwater resources

Rainfall recorded in the GMA in 2022/23 was above average with 834.2 mm recorded at the Mangalore station 88109, as a result groundwater levels in the Nagambie Zone have responded with an increasing trend which has not occurred since the 1990s. Groundwater levels and rainfall charts are provided overleaf.

Seven licence holders have participated in an annual bore sampling program, since 2016/17. Groundwater samples are collected at the same time each year (where practicable) and analysed for salinity. The data collected is used to monitor any changes in groundwater salinity over time. Samples from two bores where collected and analysed in 2022/23.

A summary of the results are available on the GMW website from the address below.

www.gmwater.com.au/water-operations/water-information/ground-water/management/midgoulburngma

Groundwater licence volume and use

The total licence groundwater entitlement volume (licence volume) in the GMA is 12,464.9 megalitres per year (ML/yr) (Table 1). The permissible consumptive volume (PCV) in the GMA is 12,470 ML/yr. No licence volume can be issued in excess of the PCV.

Table 1. Licence volumes, use and limits for 2022/23

Management zone	Zone cap/ PCV (ML/yr)	Licence volume (ML/yr)	Recorded use (ML)
1070 Kialla	8,000	6,540.9	1,145.4
1071 Nagambie	8,000	5,924.0	589.8
Total	*12,470	12,464.9	1,735.2

*Note: The PCV is not equal to sum of zone caps.

Recorded use in the GMA in 2022/23 was 1,735.2 ML or 14 per cent of total licence volume (Figure 1).

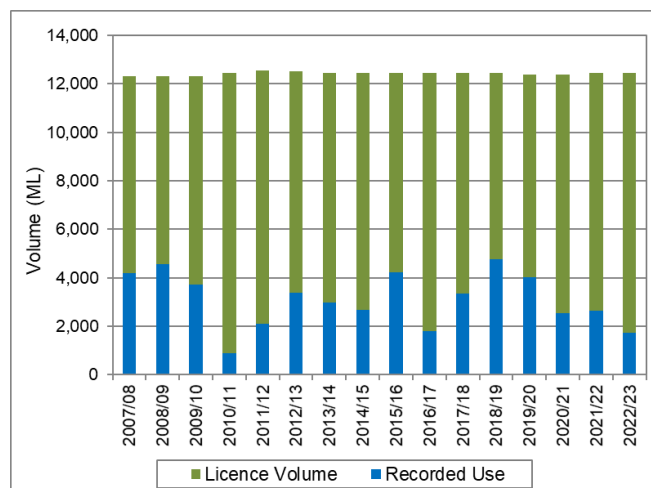


Figure 1. Annual recorded use as a proportion of licence volume in the Mid Goulburn GMA

Licence transfers

Under the Plan, licence holders in the GMA may transfer licence volume on a temporary or permanent basis, within or between management zones, provided zone limits are not exceeded.

No transfers occurred in the GMA during the 2022/23 water year.

Carryover

Under the Plan, licence holders in the GMA may carryover up to 20 per cent of their unused licence volume for use in the subsequent year. The volume that has been carried over for use in 2023/24 is 2,459.28 ML.

Licence compliance

In 2022/23, there were no prosecutions or convictions relating to groundwater in the GMA.

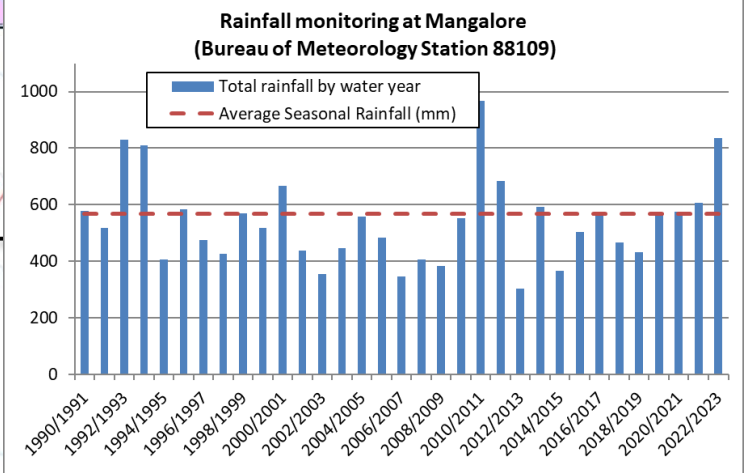
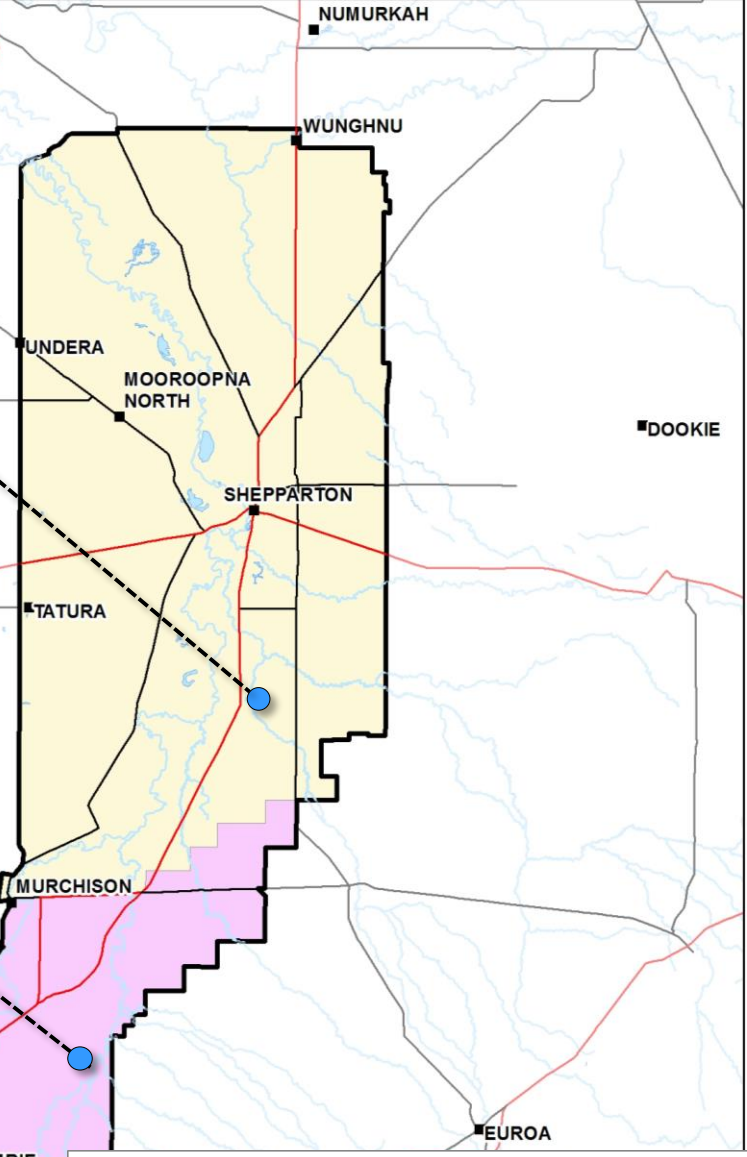
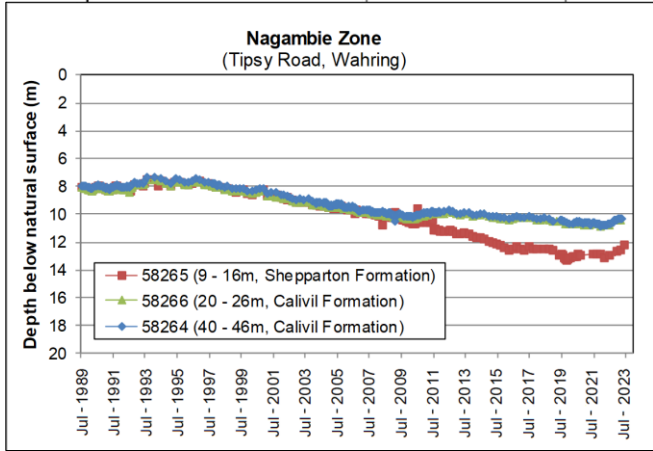
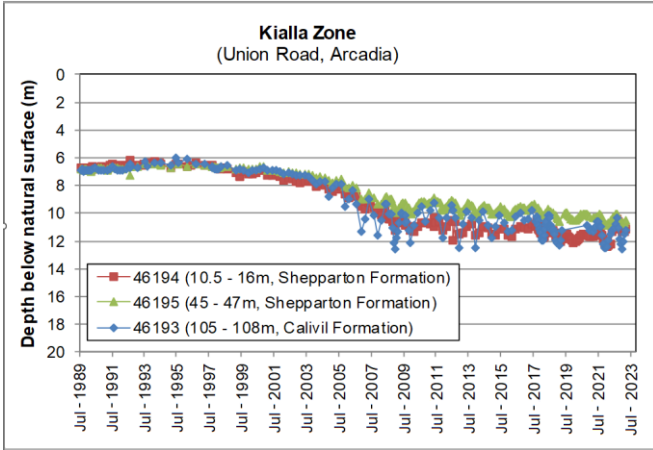
GMW has a zero-tolerance approach to unauthorised take of non-urban water. Relevant actions, if required, are taken in accordance with GMW's Risk-Based Compliance and Enforcement Framework. Please visit www.gmwater.com.au/compliance for further details.

Where can I get more information?

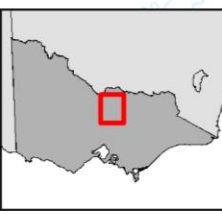
Visit www.gmwater.com.au to view the Plan, recent groundwater levels and other resources; or contact GMW on 1800 013 357.

MID GOULBURN GROUNDWATER MANAGEMENT AREA

GOULBURN-MURRAY WATER



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Legend

- Freeway/ Highway
- Major Road
- Waterway
- Waterbody
- Mid Goulburn GMA
- Management Zone**
 - Kialla Zone
 - Nagambie Zone

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