

## 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 2021/22 was above average, however, groundwater levels continued on a declining trend seen 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 four bores were collected and analysed in 2021/22.

GMW reviewed the information from the past five years and results show that salinity has remained stable with relatively minor increases and decreases in different bores. A summary of the results are available on the [Mid Goulburn GMA page](#) of the GMW website.

### Groundwater licence volume and use

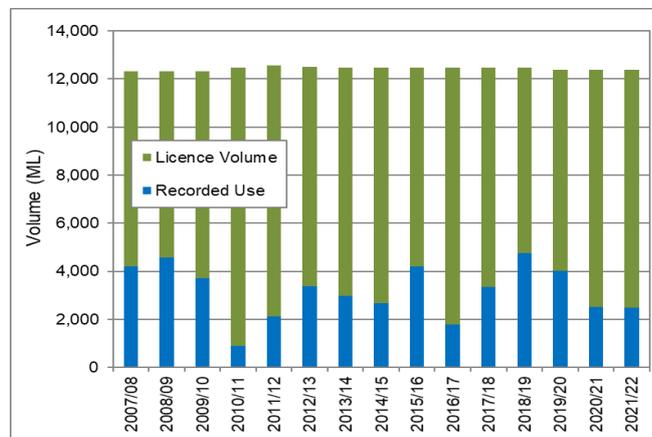
The total licence groundwater entitlement volume (licence volume) in the GMA is 12,464.39 megalitres per year (ML/yr) (Table 1). The permissible consumptive volume (PCV) in the GMA is 12,470 ML/yr. No licence volume can be issued in excess of the PCV.

**Table 1. Licence volumes, use and limits for 2021/22**

Management zone	Zone cap/ PCV (ML/yr)	Licence volume (ML/yr)	Recorded use (ML)
1070 Kialla	8,000	6,540.9	1,293.7
1071 Nagambie	8,000	5,924.0	1,338.0
<b>Total</b>	<b>*12,470</b>	<b>12,464.9</b>	<b>2,631.7</b>

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

Recorded use in the GMA in 2021/22 was 2,631.7 ML or 21 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 2021/22 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 2022/23 is 2,483.58 ML.

### Licence compliance

In 2021/22, there were no reported instances of alleged unauthorised take of groundwater (incl. overuse) in the GMA.

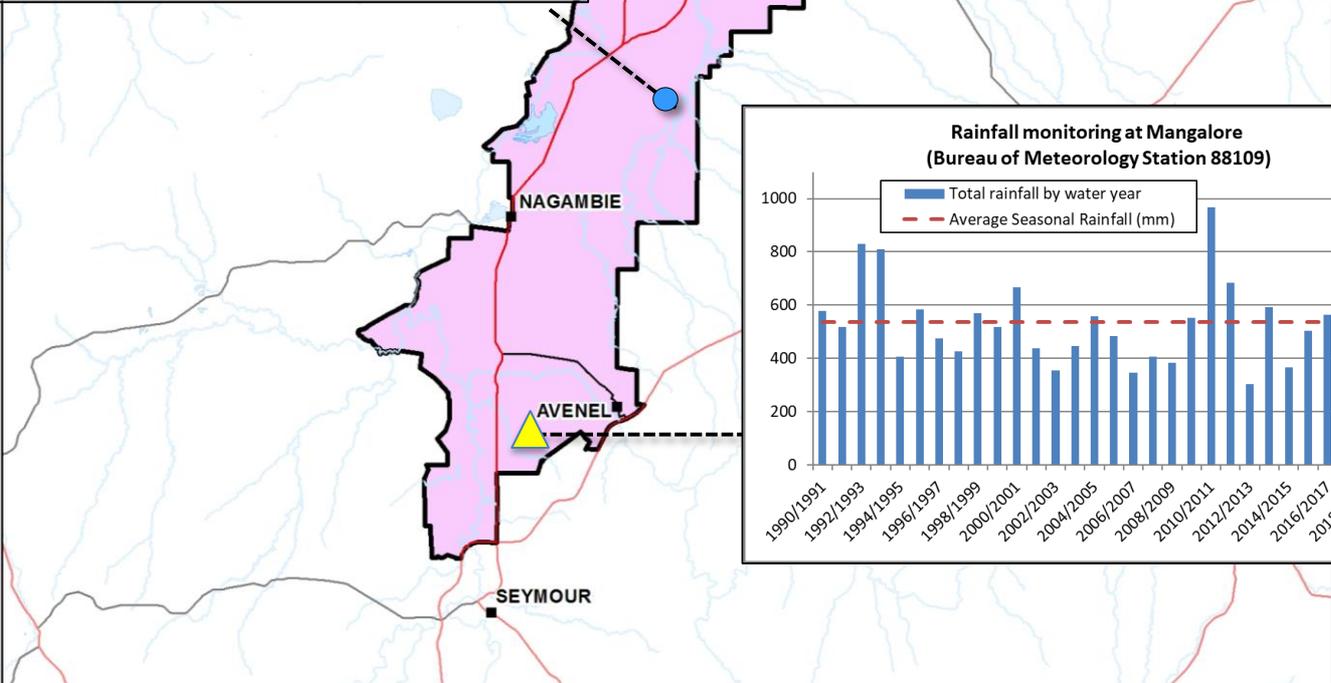
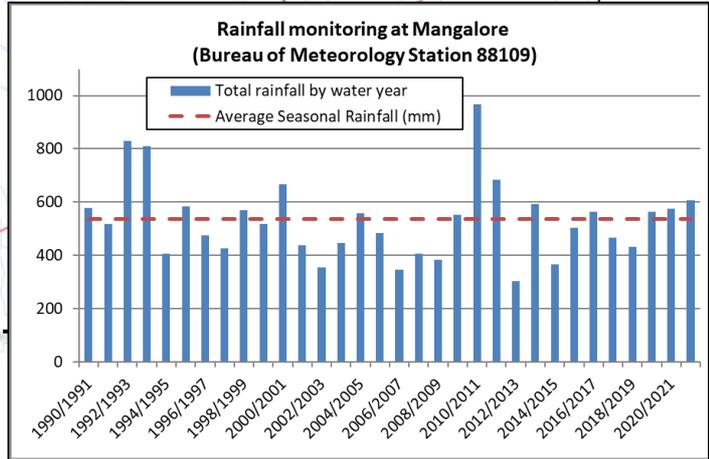
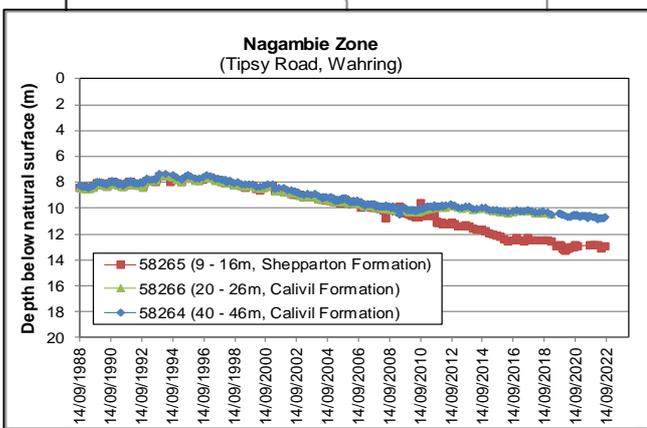
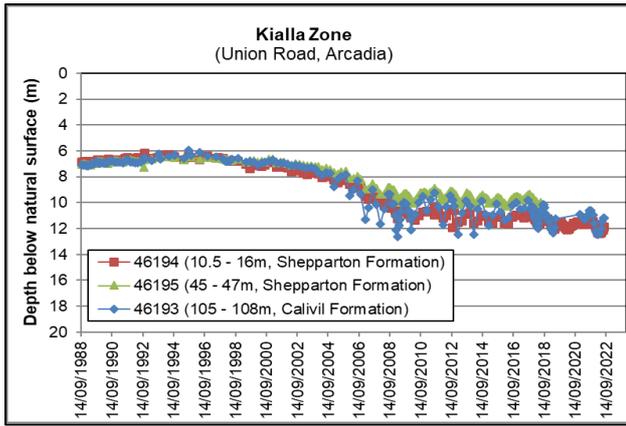
GMW has a zero-tolerance approach to unauthorised take of non-urban water. Relevant actions, if required, are taken in accordance with GMW's Risk-Based Compliance and Enforcement Framework. Please visit [www.gmwater.com.au/compliance](http://www.gmwater.com.au/compliance) for further details.

### Where can I get more information?

Visit [www.gmwater.com.au](http://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



**GOULBURN-MURRAY WATER**  
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28 Aug 2017

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**Legend**

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

SCALE AT A4 1:450,000

0 4.25 8.5 17 km

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