

Mid Goulburn Groundwater Management Area

The Mid Goulburn Groundwater Management Area (the 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 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 2020/21 was above average, however, groundwater levels remained relatively stable. Groundwater levels and rainfall charts are provided overleaf.

Seven licence holders have been participating 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 are used to monitor any changes in groundwater salinity over time. Samples from four bores were collected and analysed in 2020/21.

During 2021/22, GMW will review the information from the past five years and prepare a summary of the results which will be made available on the [Mid Goulburn GMA page](#) of the GMW website.

Groundwater licensed volume and use

The total licensed groundwater entitlement volume (licence volume) in the GMA is 12,374.9 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 2020/21

Management zone	Zone cap/ PCV (ML/yr)	Licensed volume (ML/yr)	Recorded use (ML)
1070 Kialla	8,000	6,450.9	1,276.8
1071 Nagambie	8,000	5,924.0	1,254.3
Total	*12,470	12,374.9	2,531.1

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

Recorded use in the GMA in 2020/21 was 2,531.1 ML, 21 per cent of total licensed volume (Figure 1).

Total recorded use in 2020/21 was lower than the volume used in the last three water years.

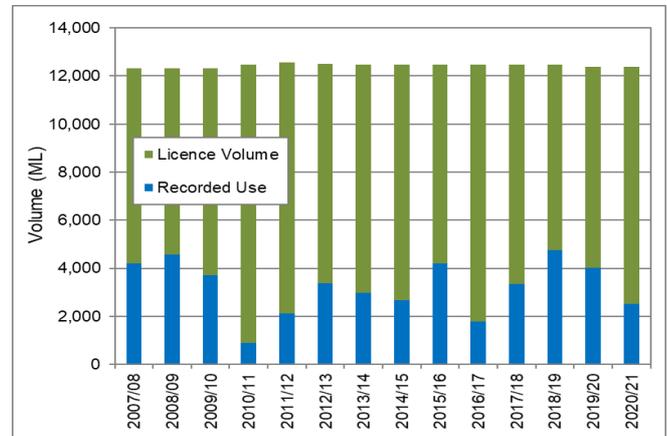


Figure 1. Annual recorded use as a proportion of licensed volume in the Mid Goulburn GMA

Licence transfers

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

In 2020/21, two permanent transfers were undertaken, totalling 200 ML/yr. No temporary transfers were completed.

Carryover

Under the Plan, licence holders in the GMA may carryover up to 20 per cent of their unused licensed volume for use in the subsequent year. A total of 2,467.2 ML of was carried over for use by Mid Goulburn GMA customers in the 2021/22 season.

Licence compliance

In 2020/21 there were no reported instances of alleged unauthorised take of groundwater (incl. overuse) in the GMA.

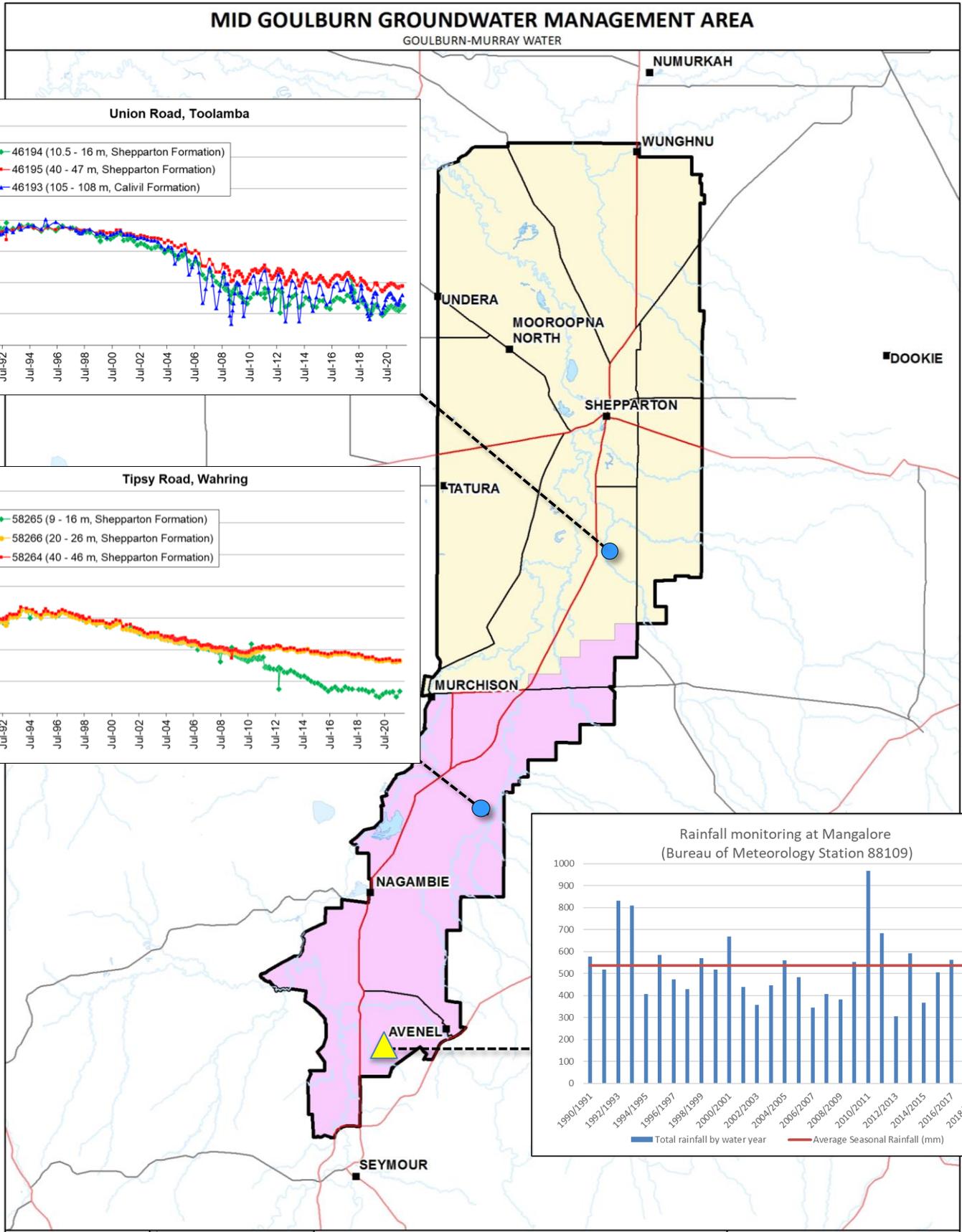
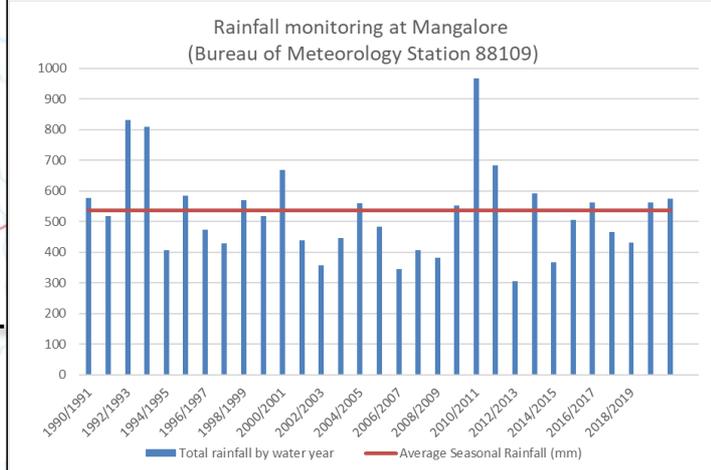
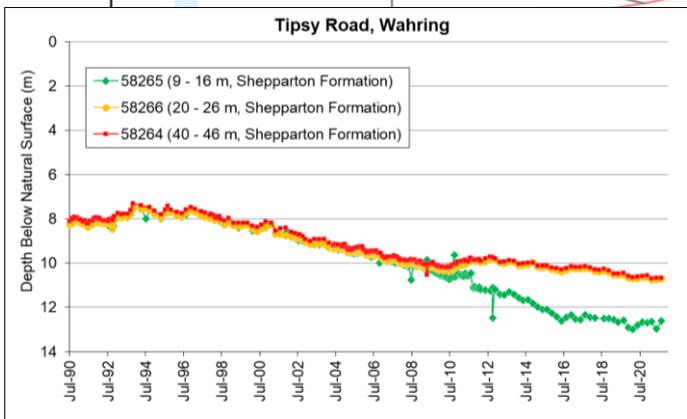
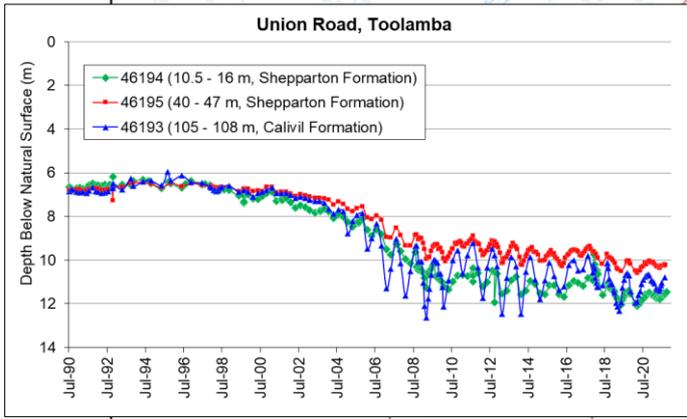
GMW has a zero-tolerance approach to unauthorised take of non-urban water. Relevant actions, if required, are taken in accordance with GMW's Risk-Based Compliance and Enforcement Framework. Please visit www.gmwater.com.au/compliance for further details.

Where can I get more information?

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

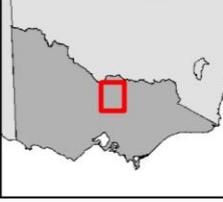
MID GOULBURN GROUNDWATER MANAGEMENT AREA

GOULBURN-MURRAY WATER



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 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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