

Mid Goulburn GMA

The Mid Goulburn Groundwater Management Area (GMA) includes the Goulburn River Catchment from the Great Dividing Range north of Seymour to Wunghnu in the north, incorporating the towns of Nagambie, Murchison, Tatura, Mooroopna and Shepparton (shown on map overleaf).

Groundwater resources in the Mid Goulburn GMA are managed through a local management plan approved by Goulburn-Murray Water (GMW) in 2014.

Licensed groundwater entitlement and use

There is currently 12,469.9 megalitres per year (ML/yr) of licensed groundwater entitlement in the Mid Goulburn GMA (Table 1).

Table 1 Licensed groundwater entitlement and use in the Mid Goulburn GMA in 2015/16

Management zone	Entitlement (ML/yr)	Use (ML)
Kialla	6,235.9	2,161.3
Nagambie	6,234.0	2,052.7
Total	12,469.9	4,214.0

Metered use in the Mid Goulburn GMA in 2015/16 was 4,214 ML or 34% of total licensed entitlement. This is an increase of approximately 1,500 ML in use compared to 2014/15 (Figure 1).

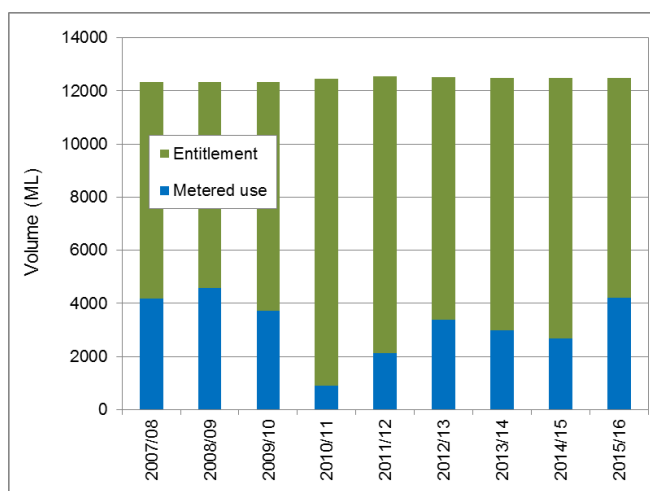


Figure 1 Metered groundwater use in the Mid Goulburn GMA

This increase may be due to continued below-average rainfall in the Mid Goulburn GMA (shown overleaf).

Groundwater trading

Customers may transfer licensed groundwater entitlement on a temporary or permanent basis within or between management zones, provided entitlement limits documented in the local management plan are not exceeded.

In 2015/16 one permanent transfer was undertaken within the Kialla Zone for a total of 40 ML/yr. One temporary transfer also for 40 ML/yr was undertaken in the Nagambie Zone.

Carryover

Customers may carryover up to a maximum of 20% entitlement in the Mid Goulburn GMA. A total of 1,951.36 ML of carryover is available for use by Mid Goulburn GMA customers in 2016/17.

Groundwater levels

Hydrographs overleaf show that groundwater levels remain relatively stable in both management zones. The shallow Shepparton Formation is showing a decline in the Nagambie Zone not observed in the deeper aquifers which may be a result of continued dry conditions.

Plan amendment

Bore location information has recently been improved in the State database. This has improved GMW's understanding of entitlement distribution in the Mid Goulburn GMA.

As a result of this improvement, management zone limits require amendment to continue to allow groundwater users flexibility to trade whilst also ensuring entitlement doesn't all shift to one zone.

Currently the Kialla Zone is limited to 10,000 ML/yr and the Nagambie Zone has a limit of 5,000 ML/yr. GMW proposes both zone limits be changed to be 8,000 ML/yr.

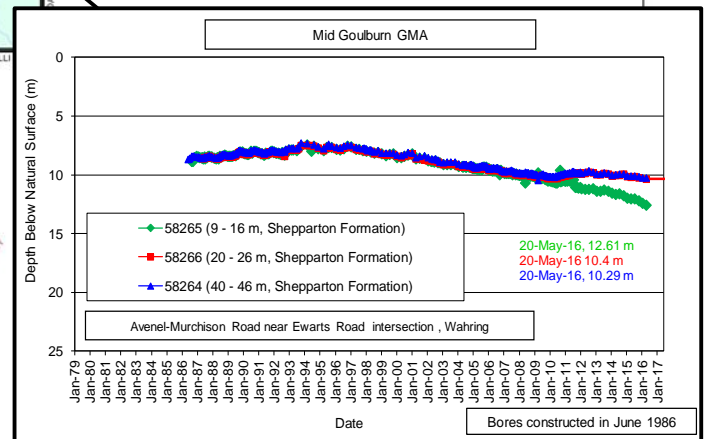
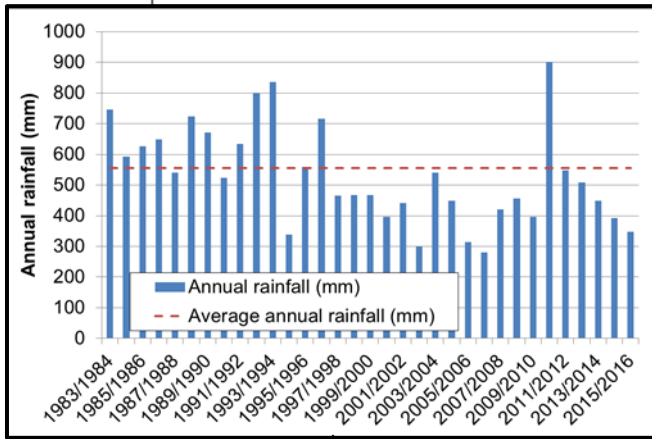
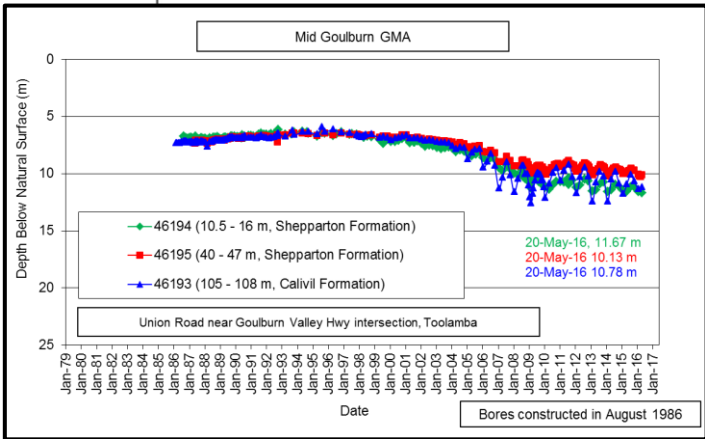
The proposed amendments will not impact current entitlement.

GMW met with the Goulburn-Broken Regional Water Services Committee on 28 September 2016 to discuss proposed amendments. The Water Services Committee endorsed the proposed amendments.

If you would like further information, or would like to make a submission regarding proposed amendments, please contact Karina Joy at GMW on 1800 013 357.

MID-GOULBURN GMA: MANAGEMENT ZONES

GOULBURN-MURRAY WATER



IR85210

 04 SEP 2014

GOULBURN-MURRAY WATER

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Legend

- Town
- Freeway/highway
- Major Road
- Semi-Major Road
- Minor Road
- Waterway
- Waterbody
- Management Zone 1070 Kialla
- Management Zone 1071 Nagambie
- Mid Goulburn GMA

SCALE AT A3 1:285,000

0 4.75 9.5 19 km

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