

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 (shown on map overleaf).

Groundwater resources in this region are managed through the Mid Goulburn GMA Local Management Plan.

Groundwater licensed volume and use

Currently the licensed volume in the Mid Goulburn GMA is 12,469.9 megalitres per year (ML/yr) (Table 1).

Table 1 Groundwater licensed volume and metered use by management zone in 2016/17

Management zone	Licensed volume (ML/yr)	Metered use (ML)
1070 Kialla	6,200.9	878.5
1071 Nagambie	6,269.0	907.1
Total	12,469.9	1,785.6

Metered use in the Mid Goulburn GMA in 2016/17 was 1,785.6 ML (14% of total licensed volume). This is less than half the volume used in 2015/16 (Figure 1).

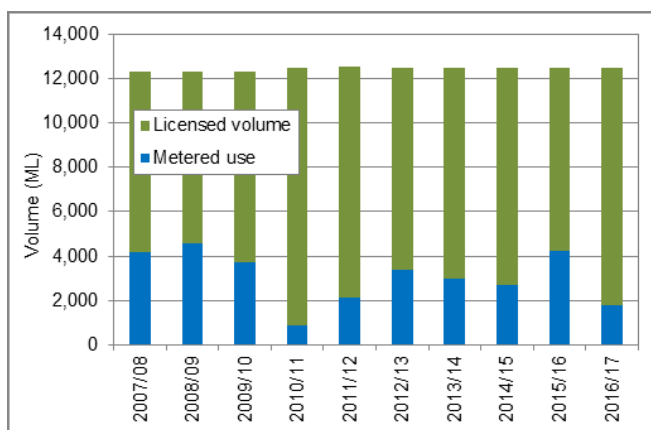


Figure 1 Annual metered use as a proportion of licensed volume in the Mid Goulburn GMA

Groundwater trading

Licence holders may transfer licensed volume on a temporary or permanent basis, within or between management zones, provided zone limits documented in the Local Management Plan are not exceeded.

In 2016/17, there were five licence transfers completed within the Mid Goulburn GMA (Table 2), compared to two in 2015/16.

Table 2 Summary of licence transfers in the Mid Goulburn GMA in 2016/17

Type of transfer	Transfer from (Zone)	Transfer to (Zone)	Total volume transferred (ML/yr)
Permanent	Kialla	Kialla	40.0
Permanent	Kialla	Nagambie	*35.0
Permanent	Nagambie	Nagambie	3.0
Temporary	Nagambie	Nagambie	80.0

*Note, two individual transfers make up this total

Carryover

Licence holders may carryover up to a maximum of 20% of their unused licensed volume in the Mid Goulburn GMA. A total of 2,486.4 ML of carryover is available for use by Mid Goulburn GMA customers in 2017/18.

Looking to buy or sell licensed volume?

Watermatch is an online forum where licence holders can advertise their interest to buy or sell licensed volume; either groundwater or unregulated surface water.

Visit www.watermatch.com.au

Groundwater resources

Groundwater level and rainfall charts are provided overleaf.

In the Kialla Zone, groundwater levels fluctuate seasonally in response to climatic conditions and groundwater extraction.

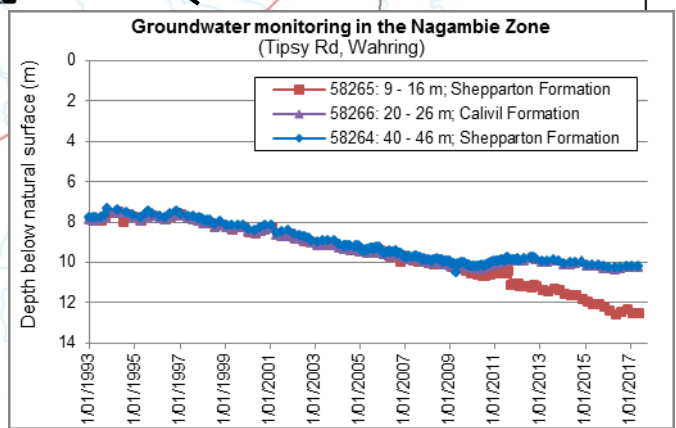
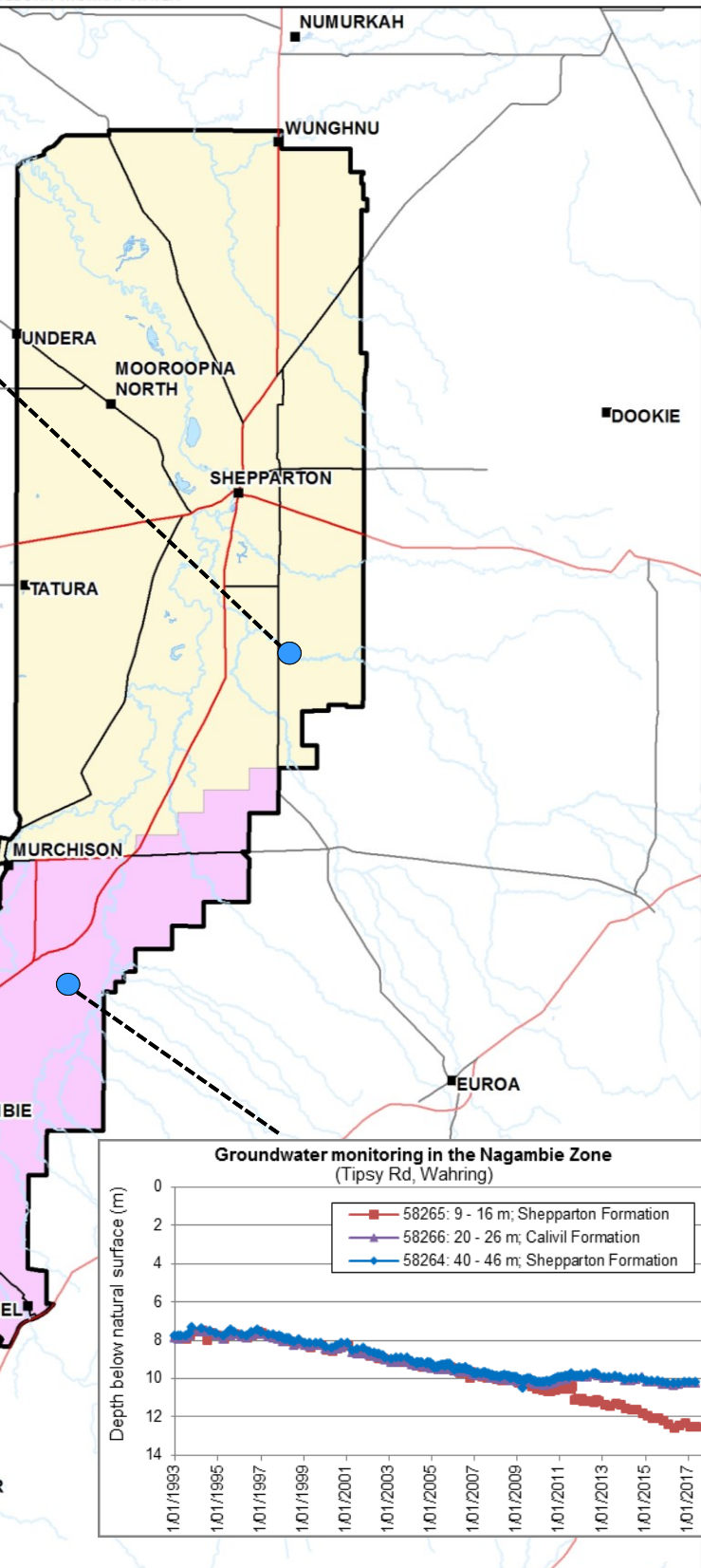
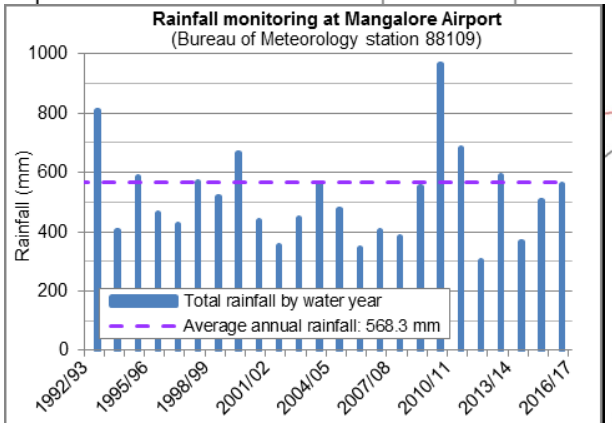
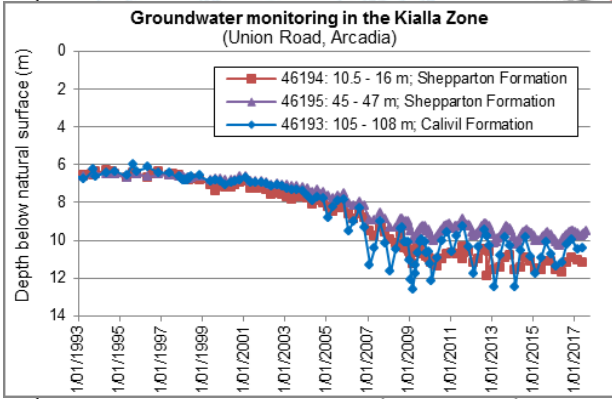
Groundwater levels have been declining since the mid-1990s in both management zones, however in the Kialla Zone and in the deep lead (Calivil Formation) in the Nagambie Zone the magnitude of this decline has decreased since 2010/11.

Where can I get more information?

You can download a copy of the Local Management Plan from the Goulburn-Murray Water website www.gmwater.com.au or call GMW on 1800 013 357.

MID GOULBURN GROUNDWATER MANAGEMENT AREA

GOULBURN-MURRAY WATER



GOULBURN-MURRAY WATER
40 CASEY STREET (PO BOX 165)
TATURA VIC 3616
Ph (03) 5833 5500 Fax (03) 58245827
gmsupport@g-mwater.com.au

IR285503
28 Aug 2017



Legend

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

SCALE AT A4 1:450,000

The content of this product is provided for information purposes only. No claim is made as to the accuracy or authenticity of the content of the product. In no event will G-MW, its agents, contractors and employees be liable for the accuracy of the information contained within this product nor its use of reliance placed on it. The information used within this product is provided on the basis that all persons accessing the information undertake responsibility for assessing the relevance and accuracy of its content.

Z:\2017_Products\IR285503\IR285503_Mid_Goulburn.mxd

September 2017; DM #4422291