

Strathbogie GMA

The Strathbogie Groundwater Management Area (GMA) extends from the ridgeline of Strathbogie Ranges in the south and east, borders with the Mid Goulburn GMA in the east and includes the townships of Euroa, Violet Town and Ruffy (shown on map overleaf).

Groundwater resources in the Strathbogie GMA are managed under a local management plan approved by Goulburn-Murray Water (GMW) in 2013.

Licensed groundwater entitlement and use

There is currently 1,463 megalitres per year (ML/yr) of licensed groundwater entitlement in the Strathbogie GMA. Metered use in the Strathbogie GMA in 2015/16 was 555.8 ML or 38% of total licensed entitlement (Table 1).

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

Management zone	Zone limit (ML/yr)	Entitlement (ML/yr)	Use (ML)
Castle	349.5	349.5	85.5
Honeysuckle	69.0	30.0	11.0
Hughes	327.5	215.5	92.5
Pranjip	277.0	265.0	100.2
Seven	621.0	601.0	264.6
Whiteheads	16.0	2.0	2.0
Total	1,660.0	1,463.0	555.8

Metered use in 2015/16 was more than three times that in 2014/15 (Figure 1) despite an increase in rainfall in the Strathbogie GMA (Figure 2).

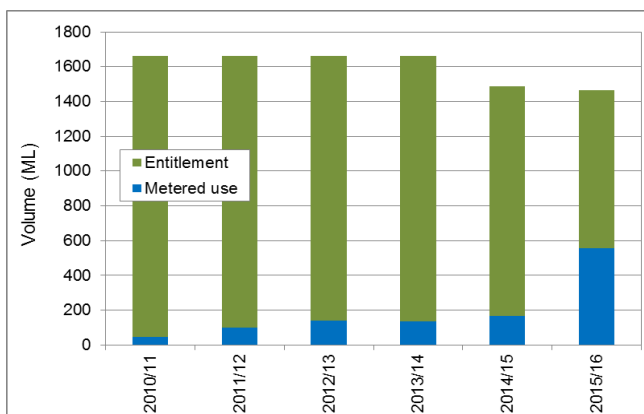


Figure 1 Metered groundwater use in the Strathbogie GMA

Licensed groundwater entitlement volume decreased slightly in 2015/16 due to the surrender of licences.

Groundwater trading

Customers may transfer entitlement on a temporary or permanent basis within or between management zones, provided entitlement limits are not exceeded. No transfers were undertaken in the Strathbogie GMA in 2015/16.

Groundwater resources

Rainfall increased in 2015/16 compared to 2014/15 from 433 mm to 588 mm, consequently, average daily streamflow also increased (Figure 2) in the Strathbogie GMA.

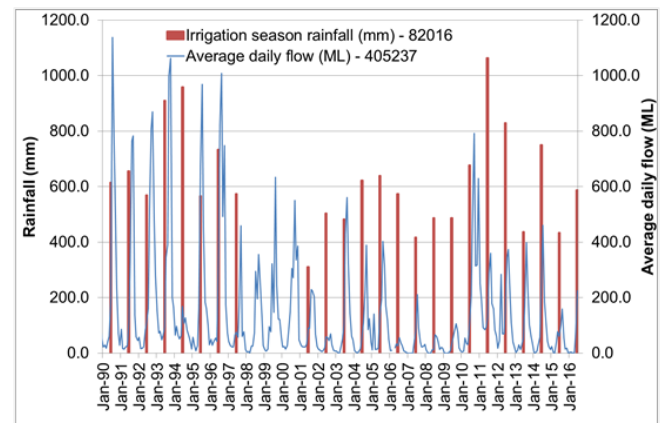


Figure 2 Streamflow in Seven Creeks and rainfall at Euroa

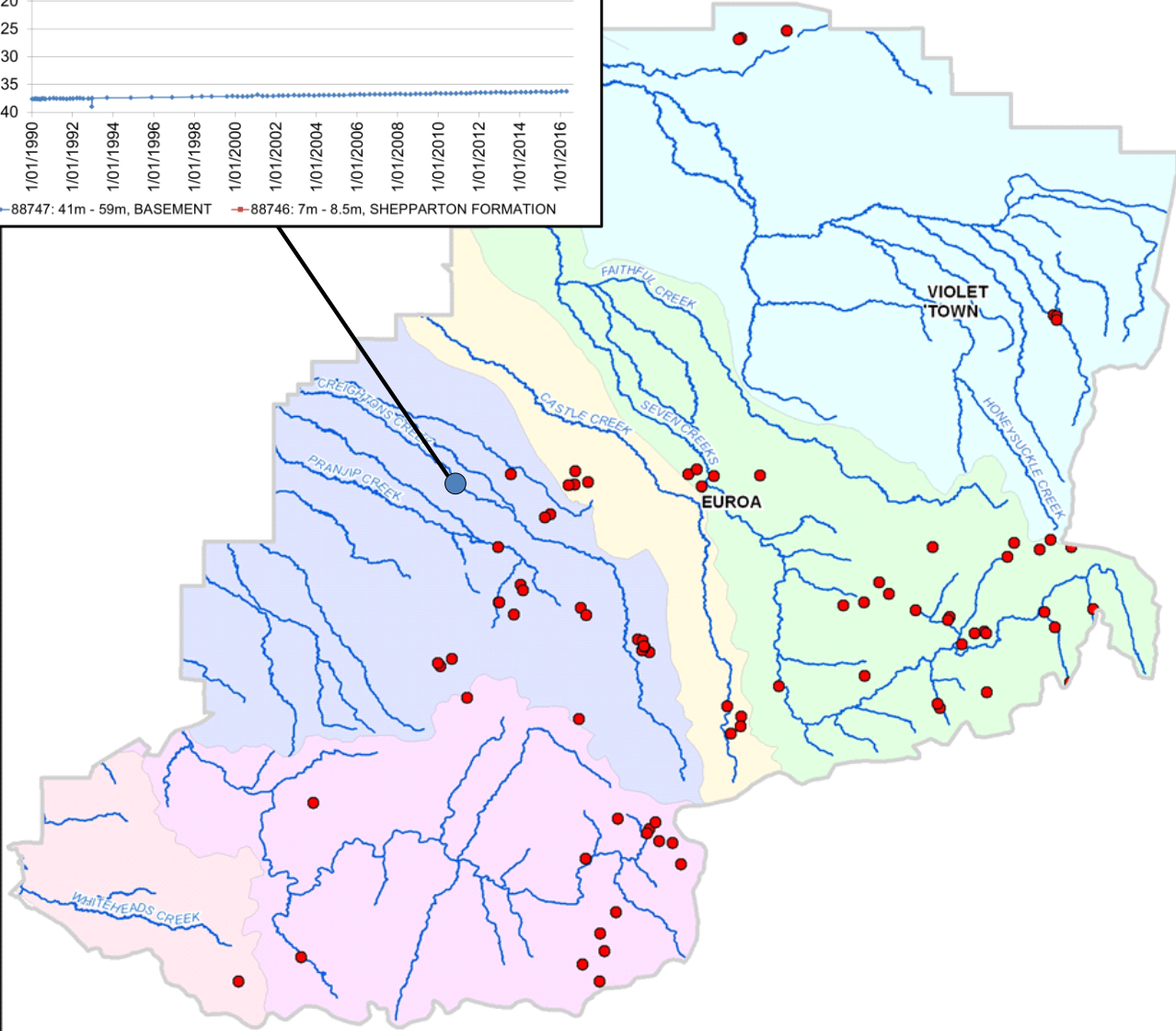
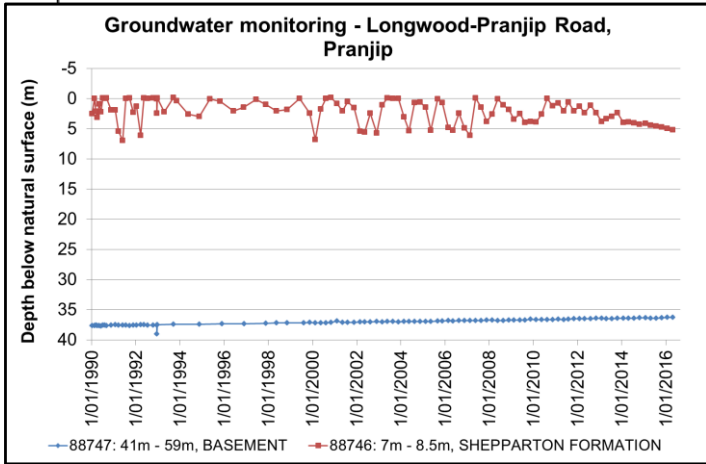
Groundwater levels in the shallow Shepparton Formation in the Strathbogie GMA have been declining (shown on hydrograph overleaf) whilst groundwater levels in the bedrock aquifer remain stable.

Where can I get more information?

You can download a copy of the Strathbogie Groundwater Management Area Local Management Plan from the GMW website www.gmwater.com.au or call Karina Joy at GMW on 1800 013 357.

Strathbogie Groundwater Management Zones

VICTORIA



GOVERNMENT WATER

GMW-13-057
10 May 2013



Strathbogie Goundwater Management

- Licensed Bore
- River

Subcatchment

- CASTLE
- CREIGHTONS
- HONEYSUCKLE
- HUGHES
- PRANJIP
- SEVEN
- WHITEHEADS



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