

Strathbogie GMA

The Strathbogie Groundwater Management Area (GMA) extends from the Strathbogie Ranges in the south east to Violet Town in the north and Nagambie in the west (shown on map overleaf).

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

Licensed groundwater entitlement and use

There is currently 1,487 megalitres per year (ML/yr) of licensed groundwater entitlement in the Strathbogie GMA. Metered use in the Strathbogie GMA in 2014/15 was 168.5 ML or 11% of total licensed groundwater entitlement (Table 1).

Table 1 Licensed groundwater entitlement and use in the Strathbogie GMA in 2014/15

Management zone	Zone Limits	Entitlement (ML/yr)	Usage (ML/yr)
Castle	349.5	349.5	31.4
Honeysuckle	69.0	30.0	10.2
Hughes	327.5	227.5	7.9
Pranjiip	277.0	265.0	2.8
Seven	621.0	613.0	116.2
Whiteheads	16.0	2.0	0.0
Total	1660.0	1,487.0	168.5

Metered use in 2014/15 was similar to that in 2013/14 and 2012/13

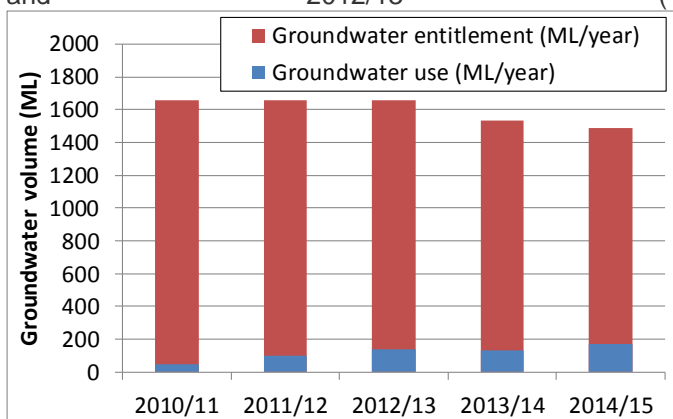


Figure 1).

Licensed groundwater entitlement volume decreased in 2014/15 due to the surrender of licences.

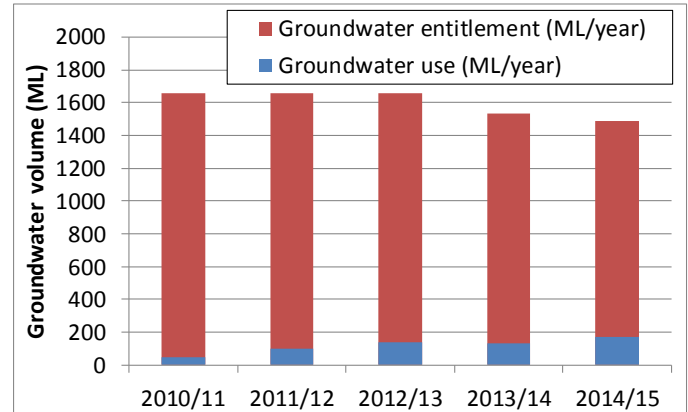


Figure 1 Metered groundwater use

Groundwater trading

Customers may transfer entitlement on a temporary or permanent basis within or between zones provided caps are not exceeded. No trading occurred in the Strathbogie GMA in 2014/15.

Groundwater resources

Rainfall decreased in 2014/15 compared to 2013/14 from 751 mm/year down to 433 mm/year, subsequently, average daily streamflow also declined (shown on map overleaf) in the Strathbogie GMA.

Groundwater levels in the shallow Shepparton Formation in the Strathbogie GMA are declining (Figure 2) whilst groundwater levels in the bedrock aquifer remain stable.

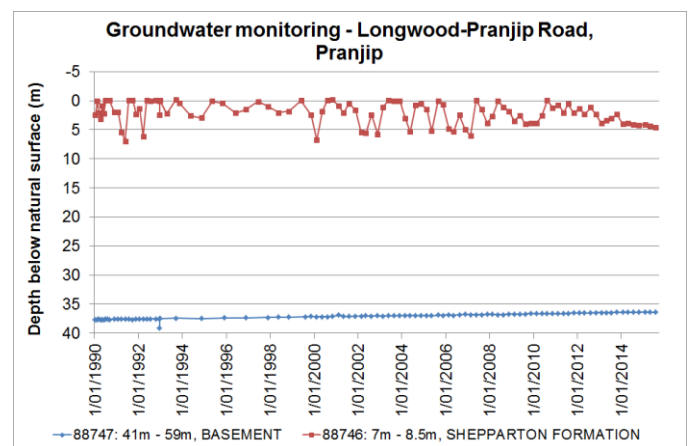


Figure 2 Groundwater monitoring in the Pranjiip Zone

Improvements to the Plan

Minor textual changes have been made to improve information about the geology in the Strathbogie GMA.

Groundwater monitoring in the Strathbogie GMA could be improved by the installation of new monitoring bores

or identification of existing bores that could be used for monitoring purposes in the granite aquifer.

DELWP is currently undertaking a detailed review of the State observation bore network, which aims to identify opportunities to make this network more cost effective and clarify future monitoring needs.

As part of this review GMW has identified gaps, such as the need for observation bores in the Strathbogie GMA,

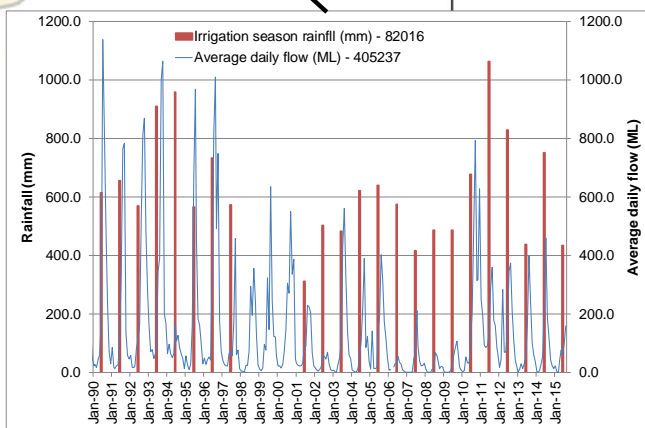
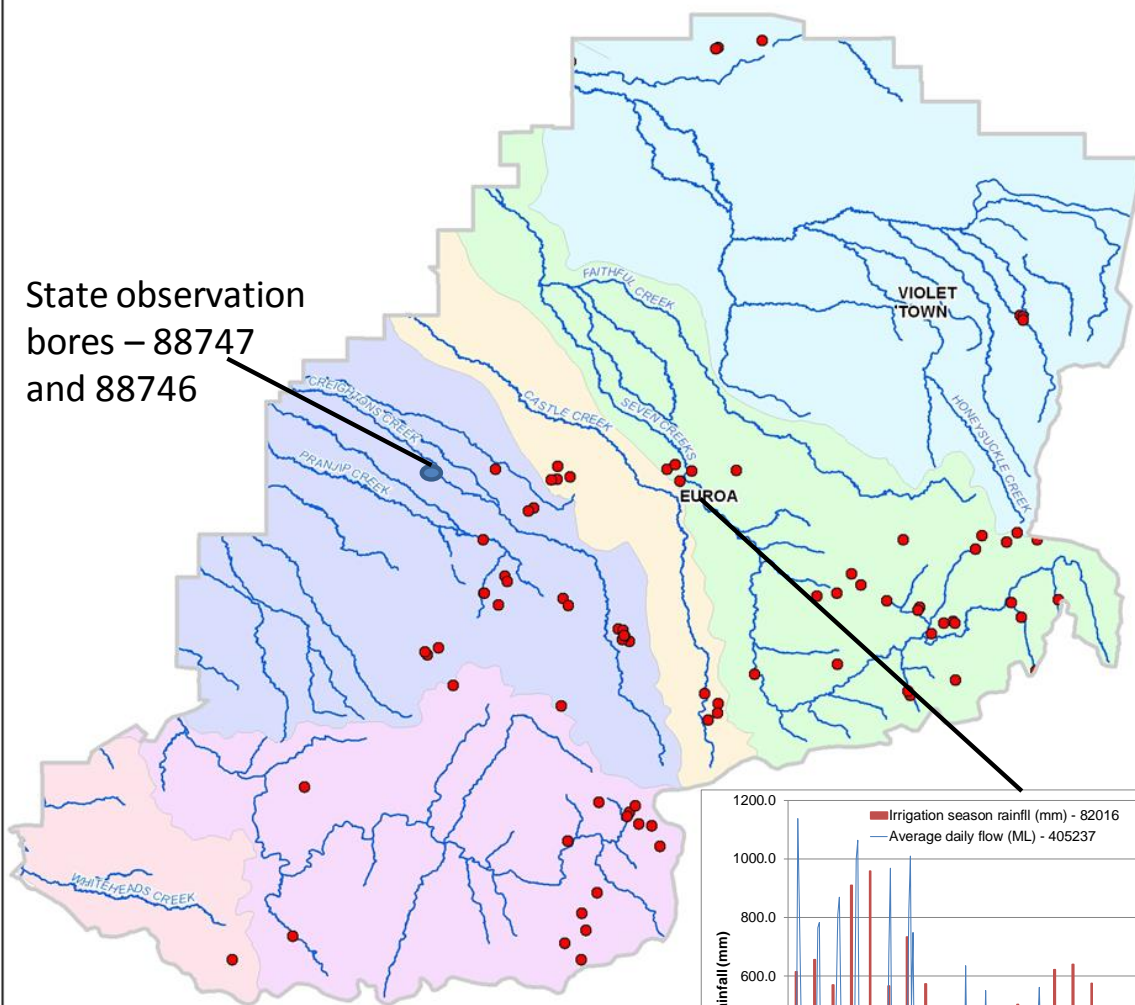
Where can I get more information?

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

Strathbogie Groundwater Management Zones

VICTORIA

State observation bores – 88747 and 88746



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Strathbogie Goundwater Management
 Licensed Bore
 River
Subcatchment
 CASTLE
 CREIGHTONS

HONEYSUCKLE
 HUGHES
 PRANJIP
 SEVEN
 WHITEHEADS

SCALE AT A4 1:430,000
 0 2.5 5 10 km

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