

## Agnes River Water Supply System

The Agnes River Water Supply System supplies water to the townships of:

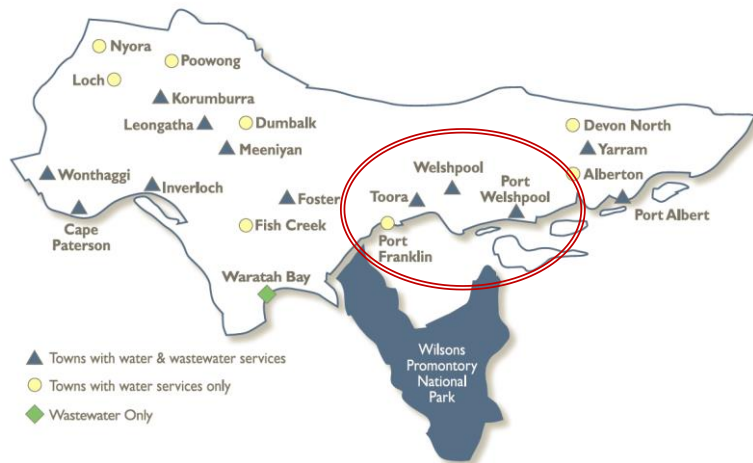
- Toora
- Welshpool
- Port Welshpool
- Port Franklin

These towns are supplied from a diversion weir on Agnes River below Cook's Dam. This dam has a capacity of 58 ML. Once diverted from the river, water is treated and then stored in two clear water storages, which have a combined capacity of 5 ML. These storages allow water supply to be maintained during short periods of low river flow during drought.

South Gippsland Water

1300 851 636

[www.sgwater.com.au](http://www.sgwater.com.au)



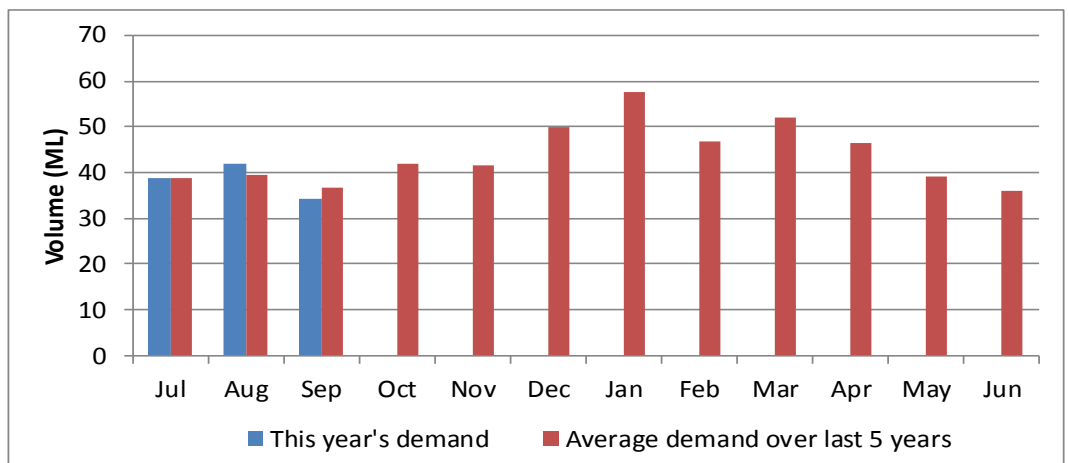
### Water Supply Information

Water resources held by South Gippsland Water for the Agnes River Water Supply System are shown below. Only 7% of the available annual entitlement from the Agnes River has been used in the current year to date (Jul-Oct 2018). This entitlement is a legal right to access water, subject to availability.

Water Component	Maximum Annual Entitlement	Volume Extracted 2018-19	Volume Remaining 2018-19
Agnes River	1,617 ML	115 ML	1,502 ML

### Water Consumption

Monthly water consumption for the Agnes River Water Supply System in the year to date has fluctuated around the average over the last five years. It is expected that the average trend will continue throughout the remainder of the year.



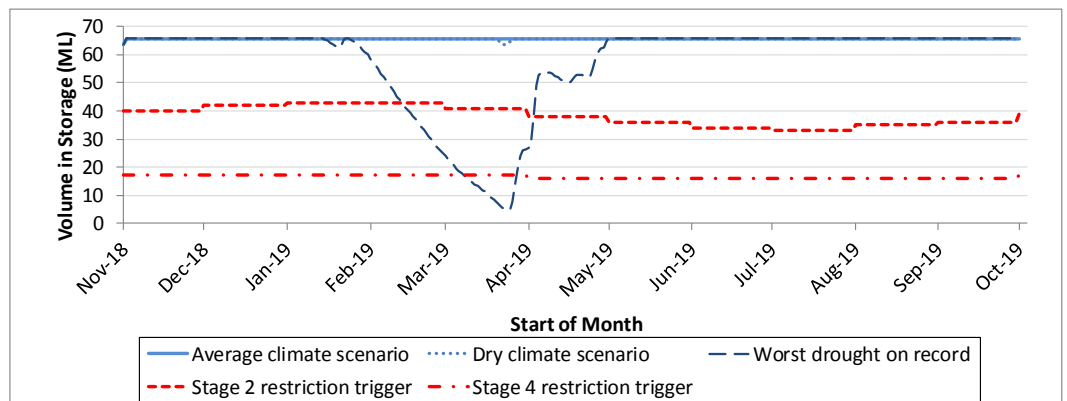
## Climate Conditions

Forecast climate conditions for the coming three months have considered the Bureau of Meteorology’s seasonal climate forecast for the region and local climate conditions in the year to date. The Bureau’s climate outlook indicates that rainfall over the next three months is likely to be below long-term average. Winter/spring rainfall in the year to date has been below average. Air temperature is forecast over the next three months to be higher than the long-term average for this time of year. After taking these factors into account, South Gippsland Water is forecasting on the basis of a dry climate scenario, which is characterised by streamflows in the Agnes River that are below long-term average values.

Chance of Exceeding Median Rainfall	Chance of Exceeding Median Maximum Temperature	This Year’s Spring Rainfall	Likely Outlook Scenario
35-40%	60-65%	Dry	Dry

## Urban Water Restrictions Outlook

The volume in storage outlook for the Agnes River Water Supply System for the period November 2018 to October 2019 indicates that storage levels are expected to remain high relative to water restriction triggers over the coming year under the anticipated average climate scenario. If conditions are drier than expected and align more closely with the worst drought on record, restrictions could be expected.



### Further Information:

- The Agnes River Water Supply System Storages were 100% full at the end of October.
- Volumes shown in the storage outlook are start of month values in megalitres (ML), where 1 ML is equivalent to 1 million litres (or roughly one Olympic sized swimming pool)

Based on the volume in storage outlook and the Bureau of Meteorology climate forecast, no water restrictions are anticipated for the remainder of the year at the current time. South Gippsland Water’s Permanent Water Savings Plan applies to all customers over the outlook period.

Climate Scenario	Outlook		
	1 Jan 2019	1 Apr 2019	1 Jul 2019
Wet	PWSP	PWSP	PWSP
Average	PWSP	PWSP	PWSP
Dry	PWSP	PWSP	PWSP

PWSP Permanent Water Savings Plan

## Action Plan

A list of priority actions for this supply is presented below. Further information on actions can be found in the Urban Water Strategy published in 2017 and Water Plan 3 publications on our website. The next phase of our Water Plan and Pricing Review is currently underway.

Action Name	Timing
Demand management	Ongoing
Reduce leaks and wastage	Ongoing
Update water security outlook	Every November

The information provided in this water security outlook is intended as a guide only. An update will be issued if conditions change during the outlook period.