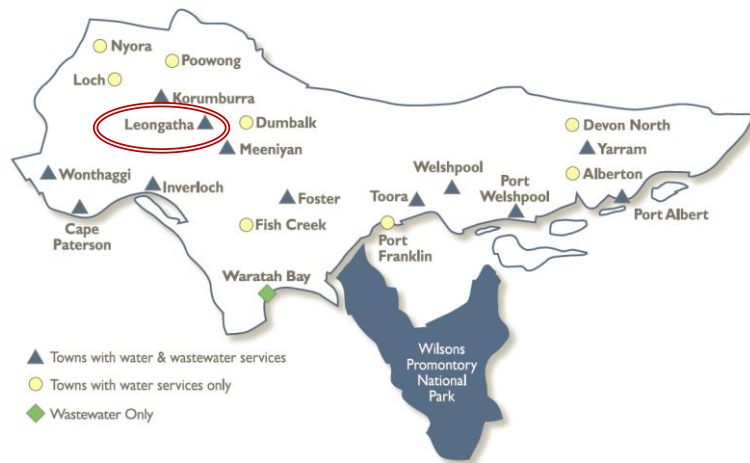


## Leongatha Water Supply System



The town of Leongatha receives its primary water supply from four storages on Ruby Creek:

- Western Reservoir: 1,137 ML capacity
- Hyland Reservoir: 671 ML capacity
- No.2 Reservoir: 84 ML capacity
- No. 1 Reservoir: 19 ML capacity

There are also two potential alternative supply sources during drought:

- Tarwin River West Branch
- Groundwater bore

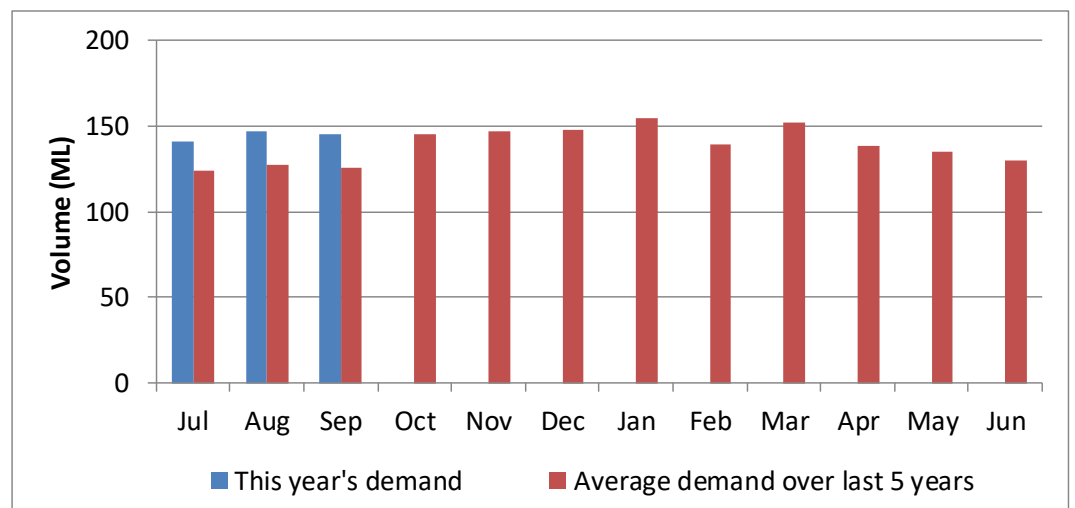
### Water Supply Information

Water resources held by South Gippsland Water for the Leongatha Water Supply System are shown below. Only 18% of the available annual entitlement from the Leongatha storages has been used in the current year to date (Jul-Oct 2019). This entitlement is a legal right to access water, subject to availability. No water has been diverted to the Leongatha storages from the alternative supplies of the Tarwin River West Branch and groundwater.

Water Component	Maximum Annual Entitlement	Volume Extracted 2019-20	Volume Remaining 2019-20
No.1, No. 2, Hyland and Western Reservoirs	2,476 ML	433 ML	2,043 ML

### Water Consumption

Monthly water consumption for the Leongatha Water Supply System in the year to date has been slightly above the average demand over the last five years. Water use by major customers was similar to previous years. Water consumption for the Suputo dairy (previously owned by Murray Goulburn) was 16% greater and water consumption for the associated Steam Generation Plant was 33% lower than the 5 year average use for July to September.



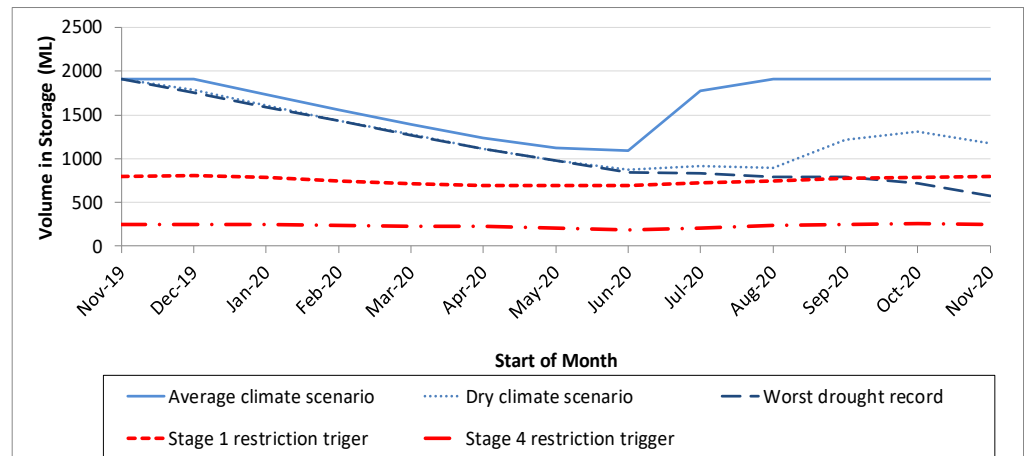
## Climate Conditions

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. Winter/spring rainfall in the year to date has been close to the long-term average, however the Bureau’s climate outlook indicates that rainfall over the next three months is likely to be below the long-term average. Air temperature is forecast over the next three months to be close to the long-term average for this time of year, however the outlook beyond this period suggests above average temperature. After taking these factors into account, South Gippsland Water is forecasting on the basis of a dry climate scenario, which is characterised by streamflows into the Leongatha storages 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
30-35%	45-55%	Average	Dry

## Urban Water Restrictions Outlook

The volume in storage outlook for the Leongatha Water Supply System for the period November 2019 to November 2020 indicates that storage levels are expected to remain above water restriction triggers over the coming year under the anticipated dry climate scenario.



South Gippsland Water’s Permanent Water Savings Plan applies to all customers over the outlook period. If conditions are drier than expected, particularly in winter/spring 2020, stage 1 restrictions may be put into effect in spring 2020.

Climate Scenario	Outlook		
	1 Jan 2020	1 Apr 2020	1 Jul 2020
Wet	PWSP	PWSP	PWSP
Average	PWSP	PWSP	PWSP
Dry	PWSP	PWSP	PWSP

PWSP Permanent Water Savings Plan

### Further Information:

- All four of the Leongatha water supply system storages were at full capacity 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)

South Gippsland Water

1300 851 636

www.sgwater.com.au

## Action Plan

A list of priority actions for this supply system is presented below. The Urban Water Strategy identified that the Leongatha system is not able to meet South Gippsland Water's target service criteria for restrictions, and water restrictions can be expected on average every 1 in 4 years. However storages are currently full and supplementary sources of water are available and ready to use if needed. 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
Planning for long term options as per the Urban Water Strategy	2018/19 – 2019/20

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.