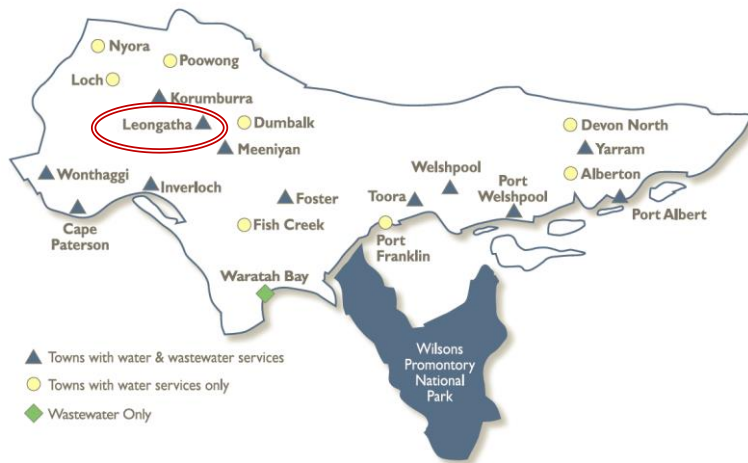


Leongatha Water Supply System



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 (also supplying Korumburra)
- Groundwater bore (also potential to supply Korumburra)

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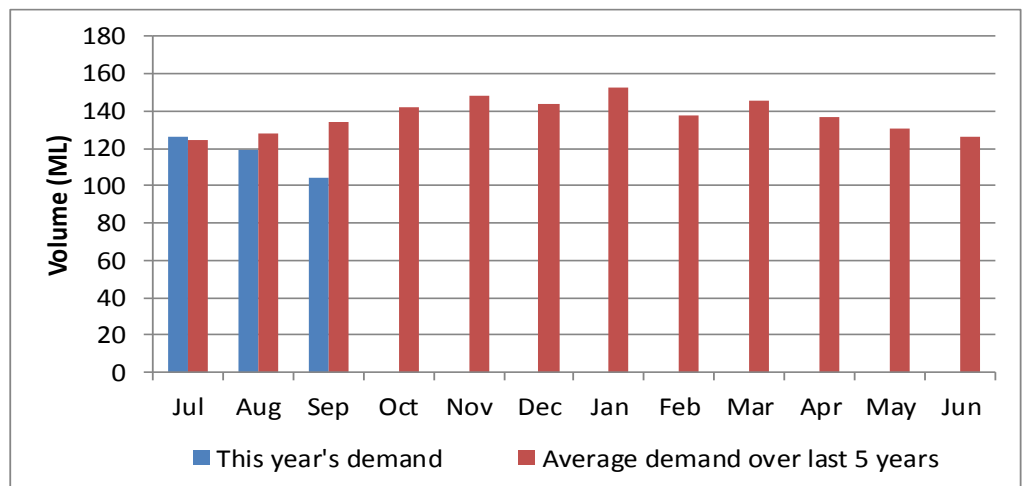
Water Supply Information

Water resources held by South Gippsland Water for the Leongatha Water Supply System are shown below. Only 14.1% of the available annual entitlement from the Leongatha storages has been used in the current year to date (Jul-Oct 2018). 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 2018-19	Volume Remaining 2018-19
No.1, No. 2, Hyland and Western Reservoirs	2,476 ML	349 ML	2,127 ML

Water Consumption

Monthly water consumption for the Leongatha Water Supply System in the year to date was below the average demand over the last five years. Water use by major customers was similar to last year but only 90% and 81% of 5 year average water consumption for Murray Goulburn and the Steam Plant Generation respectively.



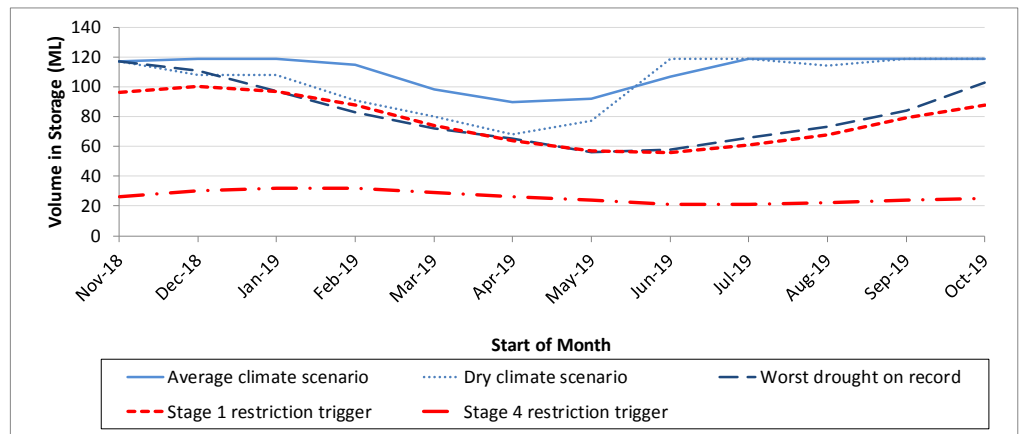
Climate Conditions

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 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
35-40%	60-65%	Dry	Dry

Urban Water Restrictions Outlook

The volume in storage outlook for the Leongatha Water Supply System for the period November 2018 to October 2019 indicates that storage levels are expected to be close to stage 1 water restriction triggers over the coming year under the anticipated dry climate scenario.



If climate conditions are drier than expected, severe restrictions may be implemented. During 2006/07, Leongatha was on restrictions for the whole water year, starting on stage 3 restrictions in June 2006, progressing to stage 4 restrictions in July 2006, and remaining on stage 4 restrictions for over a year. During 2006/07, 1000 ML was also supplied from supplementary sources. In the event of wetter than expected conditions, 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	Stage 1	Stage 1	Stage 1

PWSP Permanent Water Savings Plan

Further Information:

- The Leongatha water supply system storages were not at capacity at the end of October. The Western Reservoir was 99% full, the Hyland Reservoir 95% full, and the No. 1 and No. 2 Reservoirs at 87% and 74% capacity.
- 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)

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Action Plan

A list of priority actions for this supply system 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 Urban Water Strategy identified that the Leongatha system is not able to meet the service criteria for 1 in 4 years. Highlighting this, the system required the development of supplementary options due to reduced storage levels in June 2017. 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	2017/18 – 2018/19

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.