WATER SECURITY OUTLOOK

South Gippsland Water **NOVEMBER 2020**

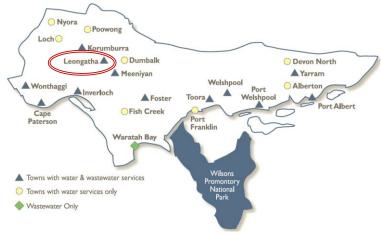
The town of Leongatha receives its primary water supply from four storages on Ruby Creek:

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

Alternative supply during drought is also available from a local groundwater bore

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Leongatha Water Supply System



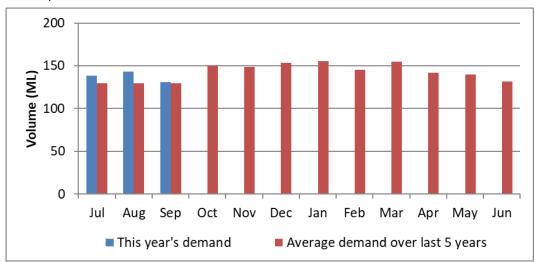
Water Supply Information

Water resources held by South Gippsland Water for the Leongatha Water Supply System are shown below. Only 17% of the available annual entitlement from the Leongatha storages has been used in the current year to date (Jul-Oct 2020). This entitlement is a legal right to access water, subject to availability. No water has been diverted to the Leongatha storages from the local groundwater bore.

Water Component	Maximum Annual	Volume Extracted	Volume Remaining
	Entitlement	2020-21	2020-21
No.1, No. 2, Hyland and	2,476 ML	413 ML	2,063 ML
Western Reservoirs			

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 10% greater than the 5 year average use for July to September, however water consumption for the associated Steam Generation Plant was reduced.



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Further Information:

- The No.1, No.2 and Hyland Reservoirs were at full capacity at the end of October. The Western Reservoir was at 99% 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)

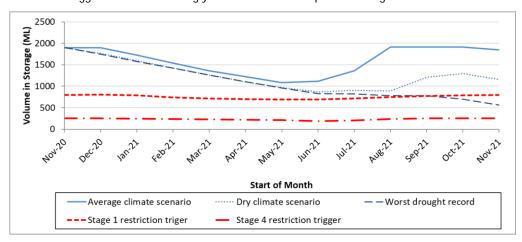
Climate Conditions

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 below the long-term average, however the Bureau's climate outlook indicates that rainfall over the next three months is likely to be above the long-term average. Air temperature is forecast over the next three months to be greater than the long-term average for this time of year, and this trend is expected to continue beyond this period. After taking these factors into account, South Gippsland Water is forecasting on the basis of an average climate scenario, which is characterised by streamflows into the Leongatha storages that are close to long-term average values.

Chance of Exceeding	Chance of Exceeding Median	This Year's	Likely Outlook
Median Rainfall	Maximum Temperature	Spring Rainfall	Scenario
75-80%	75-80%	Below average	

Urban Water Restrictions Outlook

The volume in storage outlook for the Leongatha Water Supply System for the period November 2020 to November 2021 indicates that storage levels are expected to remain above water restriction triggers over the coming year under the anticipated average climate scenario.



South Gippsland Water's Permanent Water Savings Plan applies to all customers over the outlook period. If conditions are considerably drier than expected, particularly in winter/spring 2021, stage 1 restrictions may be put into effect in spring 2021.

	Climate Scenario	Outlook		
		1 Jan 2021	1 Apr 2021	1 Jul 2021
	Wet	PWSP	PWSP	PWSP
	Average	PWSP	PWSP	PWSP
	Dry	PWSP	PWSP	PWSP
PWSP Permanent Water Savings Plan				

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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 Urban Water Strategy, Water Plan and Pricing Review are 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	2020/21 – 2021/22

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.

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