WATER SECURITY OUTLOOK

South Gippsland Water

NOVEMBER 2017

Little Bass Water Supply System

The Little Bass Water Supply System supplies water to the townships of:

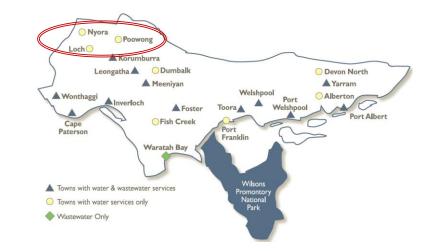
- Poowong
- Loch
- Nyora

These towns are supplied from the Little Bass Reservoir on the Little Bass River. The reservoir has a capacity of 218 ML and allows water harvested in winter/spring to be stored and then supplied to customers in summer/autumn.

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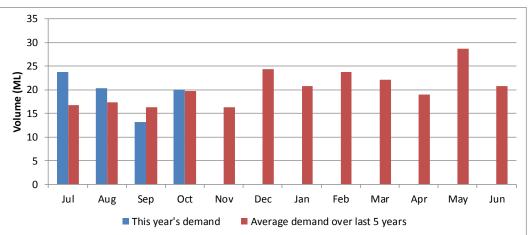
Water Supply Information

Water resources held by South Gippsland Water for the Little Bass Water Supply System are shown below. Only 18% of the available annual entitlement from the Little Bass River has been used in the current year to date (Jul-Oct 2017). This entitlement is a legal right to access water, subject to availability.

Water Component	Maximum Annual	Volume Extracted	Volume Remaining	
	Entitlement	2017-18	2017-18	
Little Bass River	420 ML	77 ML	343 ML	

Water Consumption

Monthly water consumption for the Little Bass Water Supply System for the July and August months was higher than the average demand over the last five years. Since then, consumption has been average or below average. Water use by major customers has been higher than this time last year, although this rate of consumption is generally consistent with their long term average demand.



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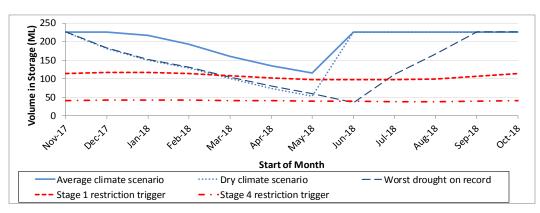
Climate Conditions

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 similar to the long-term average. Winter/spring rainfall in the year to date has been average to slightly below average. Air temperature is forecast over the next three months to be higher than the long-term average for this time of year, but any increase in demands from these higher temperatures is likely to be moderated by the anticipated rainfall. 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 Little Bass Reservoir that are similar to long-term average values.

Chance of Exceeding	Chance of Exceeding Median	This Year's	Likely Outlook
Median Rainfall	Maximum Temperature	Spring Rainfall	Scenario
55-60%	65-70%	Average	Average

Urban Water Restrictions Outlook

The volume in storage outlook for the Little Bass Water Supply System for the period November 2017 to October 2018 indicates that storage levels are expected to remain marginally above water restriction triggers over the coming year under the anticipated average climate scenario.



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. However it should be noted that Little Bass system (Poowong, Loch, Nyora) is a small system and can change quickly in the event of sustained dry conditions for few months. South Gippsland Water's Permanent Water Savings Plan applies to all customers over the outlook period. In the event that the climate conditions are drier than expected, restrictions are forecast during autumn and winter.

Climate	Outlook							
Scenario	1 Dec	1 Jan 2018	1 Feb	1 Mar	1 Apr	1 May	1 Jun	
	2017		2018	2018	2018	2018	2018	
Wet	PWSP	PWSP	PWSP	PWSP	PWSP	PWSP	PWSP	R
Average	PWSP	PWSP	PWSP	PWSP	PWSP	PWSP	PWSP	F
Dry	PWSP	PWSP	PWSP	Stage 1	Stage 2	Stage 3	PWSP	R
PWSP	Permanent Water Savings Plan					2		

Further Information:

- The Little Bass 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).

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Action Plan

A list of priority actions for this supply system prior is presented below. Further information on actions can be found in the previous 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
Pipeline connection between Lance Creek Reservoir and Korumburra	Expected completion
(and extending to Poowong) has been designed. Tenders will be	mid-2019
issued for construction of the pipeline and associated pump stations	
by mid-December 2017. Anticipated project completion by 30 th June	
2019.	

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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