

## Lance Creek Water Supply System

Lance Creek Water Supply System supplies water to the townships of:

- Wonthaggi
- Cape Paterson
- Inverloch
- Korumburra
- Poowong
- Loch
- Nyora

The Lance Creek Supply System includes the following water sources:

- Lance Creek Reservoir:  
4,200ML capacity
- Greater Yarra System – Thomson River Pool:  
1,000 ML entitlement plus any unused water carried over from previous years

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 Lance Creek Water Supply System are shown below. In the year to date (Jul-Sep 2022) 17% of the available annual entitlement from Lance Creek Reservoir has been used. This entitlement is a legal right to access water, subject to availability.

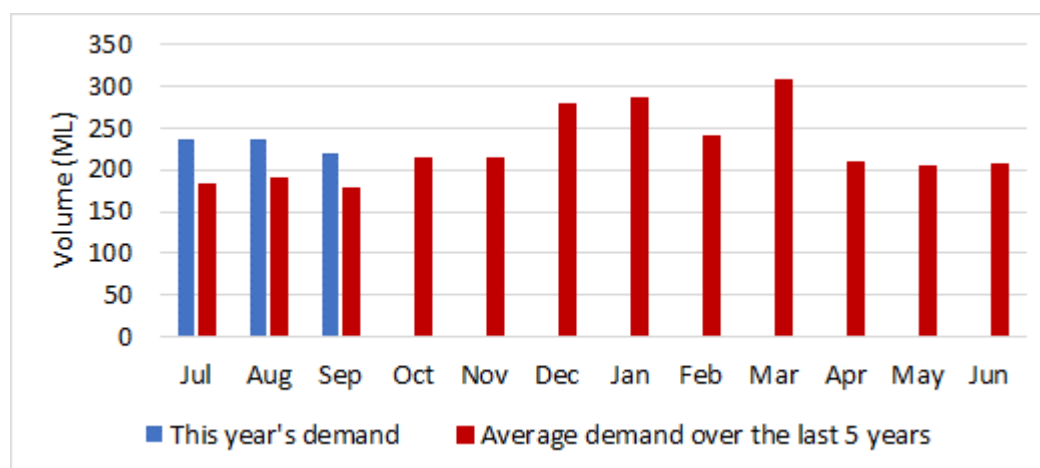
A significant supply volume is also available to the Lance Creek Water Supply System from the Greater Yarra System – Thomson River Pool (Melbourne Water Supply System). South Gippsland Water has been allocated 62% of its entitlement from the Melbourne Water Supply System in the year to date. Based on projections by Melbourne Water, this year's allocation is expected to increase over the coming months under the forecast average climate conditions (see overleaf) over the outlook period. South Gippsland Water has also carried over 2,010 ML of unused allocations from previous years to the current year, providing a significant supply buffer in this supply system if conditions were to become drier than expected. Only 3% of South Gippsland Water's total available volume from the Melbourne Water Supply System has been used in the year to date.

Water Component	Maximum Annual Entitlement	Year To Date Allocation	Carryover from Last Year*	Allocation Plus Carryover	Volume Extracted 2022-23	Volume Remaining 2022-23
<b>Lance Creek Reservoir</b>	3,800 ML	N/a	N/a	N/a	628 ML	3,172 ML
<b>Melbourne Water Supply System</b>	1,000 ML	620 ML	1,902 ML	2,522 ML	75 ML	2,447 ML

\*After deductions for reservoir spills in the Melbourne Water Supply System

## Water Consumption

Water consumption for the Lance Creek Water Supply System in the year to date has been 26% above the average demand over the last five years. This was partly due to higher than average demand by major industrial customers, whose water use can often fluctuate significantly, and maintenance works at the Wonthaggi and Inverloch clear water storages. It is expected that the demand will be closer to the historical average for the remainder of the year as maintenance works are completed. South Gippsland Water will continue to closely monitor water use in this supply system.



## 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 similar to the long-term average, and the Bureau's climate outlook indicates that rainfall over the next three months is likely to be wetter than usual. Air temperature is forecast over the next three months to be warmer than usual 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 Lance Creek Reservoir that are close to long-term average values. Under this climate scenario, allocations from the Melbourne Water Supply System are expected to increase over the coming months.

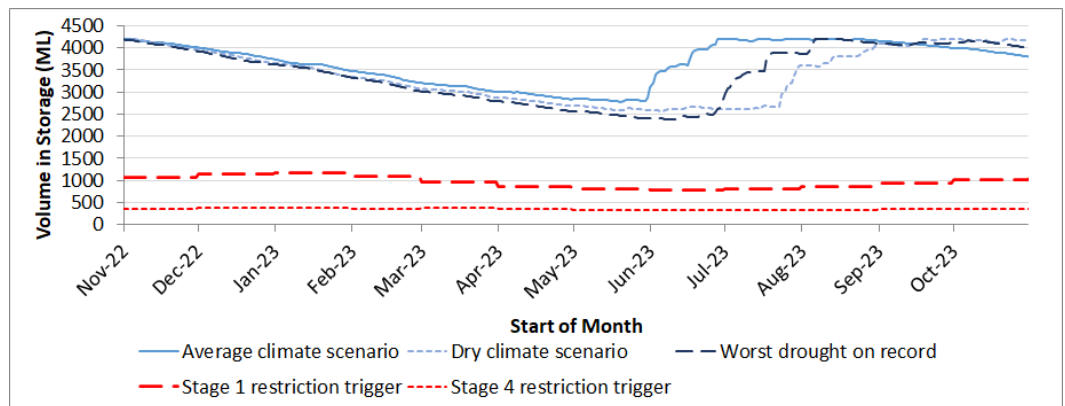
Chance of Exceeding Median Rainfall	Chance of Exceeding Median Maximum Temperature	This Year's Spring Rainfall	Likely Outlook Scenario
60-65%	70- 80%	Average	Average

## Further Information:

- Lance Creek Reservoir was 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).

## Urban Water Restrictions Outlook

The volume in storage outlook for Lance Creek Reservoir for the period November 2022 to October 2023 indicates that storage levels are expected to remain high relative to water restriction triggers over the coming year.



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 2023	1 Apr 2023	1 Jul 2023
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 system prior to the next update of the Urban Water Strategy in 2027 is presented below. Further information on actions can be found in our [2022 Urban Water Strategy](#) and our [Price Submission 2020-2023](#) publication on our website. Victoria's [permanent water savings rules](#) are always in place in South Gippsland, saving water on an ongoing basis. For additional tips about how to save water see our [smart water advice](#).

Action Name	Timing
Water awareness and efficiency programs	Ongoing
Leak reduction	Ongoing
Reuse opportunities	Ongoing
Update water security outlook	Every November
Planning for long term options as per the Urban Water Strategy including planned purchase of additional bulk entitlement from the Melbourne Water Supply System	2023/24

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.