



# Otway Coast Basin

## Local Water Report 2019-20

## Introduction

This is our annual Local Water Report for our Otway Coast Basin customers. This report provides information on:

- how our rivers fared last season (2019-20);
- groundwater level trends;
- the number of irrigation licences in each of our systems;
- how much water irrigators used last season compared with previous years; and;
- emerging local water issues.

## What happened with your local rivers last season?

### Gellibrand River

Gellibrand River maintained good flows through the 2019/20 irrigation season. Only Carlisle River experienced restrictions through this season with a ban on all irrigation throughout March. The ban was lifted at the beginning of April.

### Curdies River

Curdies River sustained good levels through the start of the season. An extended dry summer contributed to lower levels leading up to Spring. A ban on Curdies River was imposed on the 25<sup>th</sup> of March, which lifted two weeks later when the river reached desired levels.

Stage	Total Days
Curdies River (Total Ban)	16
Carlisle River (Stage 4)	28

The above table show the restrictions for the 2019-20 season.

## Surface water figures

The table below compares last season's usage with the previous four years.

River system <sup>1</sup>	Number of licences	Licensed volume (ML)	Total Volume Extracted (ML)				
			2019-20	2018-19	2017-18	2016-17	2015-16
Gellibrand River	40	2062	51	14	68	94	184
Curdies River	39	2565	627	650	849	607	442
Otway Coast Streams	191	3864	20	29	38	65	41
<b>Total</b>		<b>8491</b>	<b>698</b>	<b>693</b>	<b>955</b>	<b>766</b>	<b>667</b>

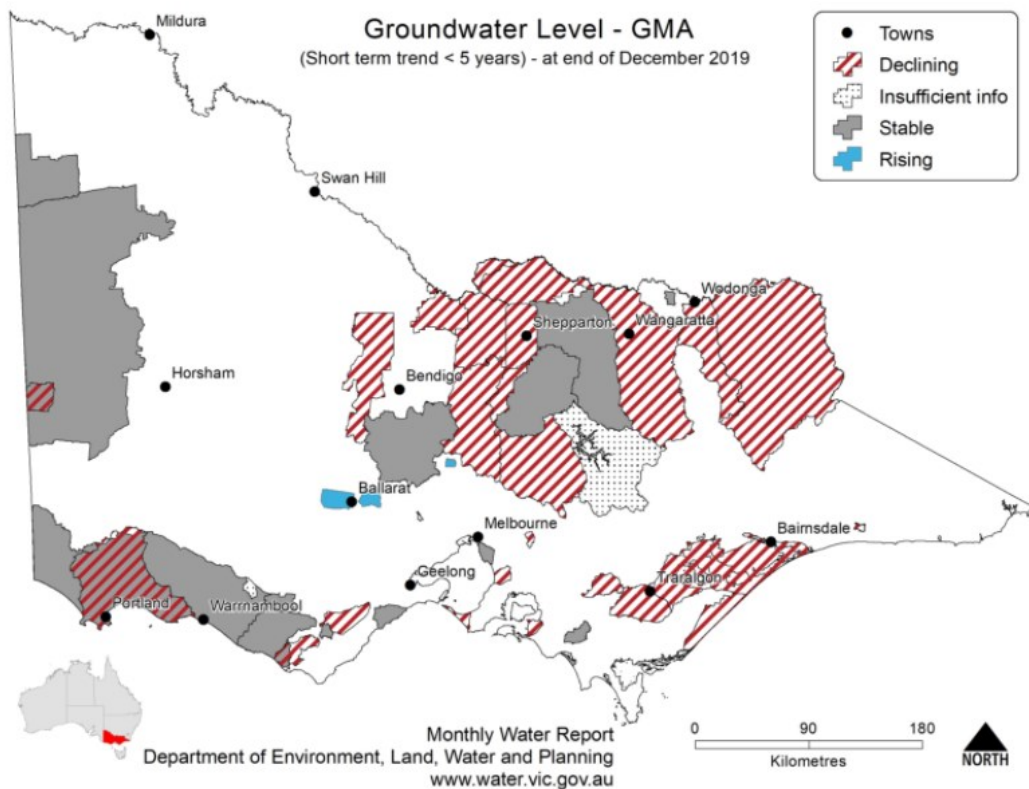
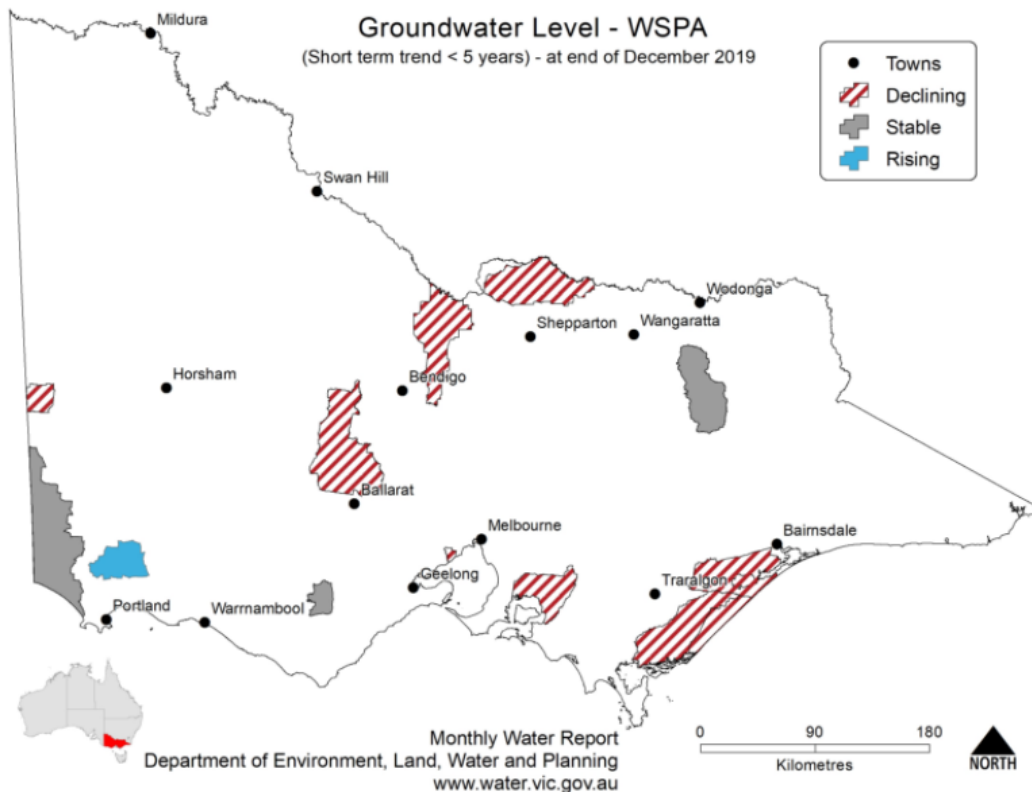
<sup>1</sup>Does not include farm dam registration licences.

## What happened with local groundwater last season?

### Overview

There are four Groundwater Management Units within the Otway coast basin (Gellibrand, Jan Juc, Newlingbrook and Paaratte) all with deep confined sand aquifers. A bedrock aquifer covers the Otway Ranges, which has limited quality and yields and is generally only used for domestic and stock purposes. Minor surface aquifers cover most of the rest of the basin. These deep sand aquifers are mainly used for urban water supply.

Follow this [link](#) if you would like to know more about groundwater management in your area.

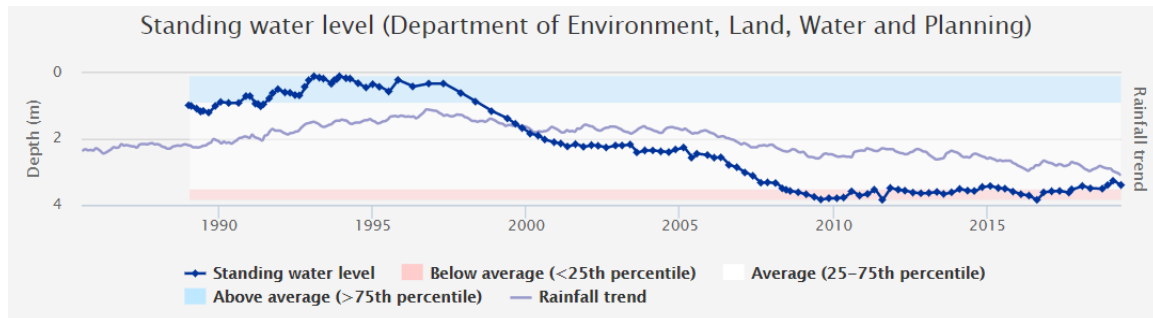


Use this [link](#) to view groundwater trends across Victoria.

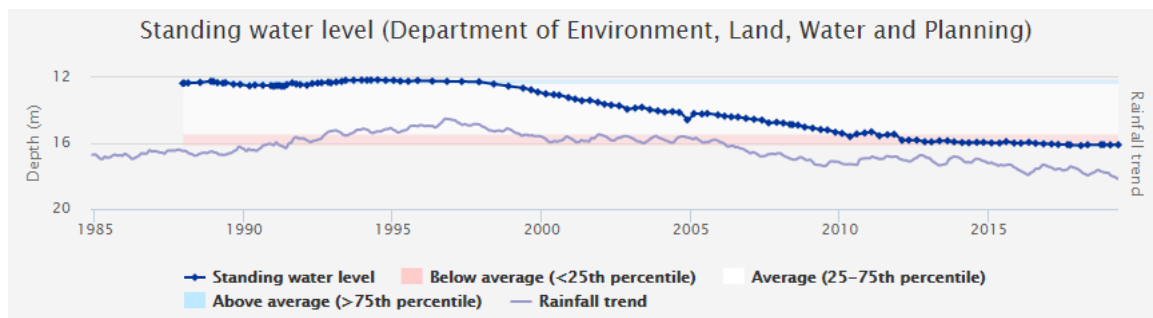
## Gellibrand

Gellibrand GMA received 665mm of rain at the Pennyroyal Creek rain gauge station which was approximately 125mm less than the long term average of 790mm.

Groundwater usage last year was 0ML. There are no groundwater licences in Gellibrand Average water levels this year are within the long-term average (25-75th percentile)



### 47996 – Gellibrand

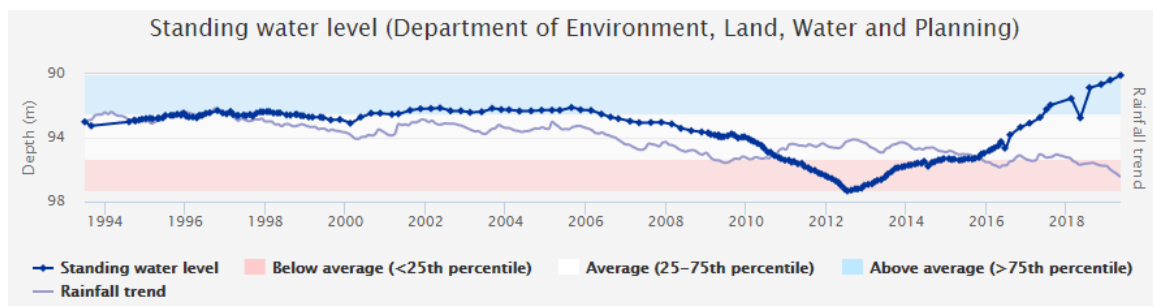


### 108913 – Gellibrand

## Jan Juc

Jan Juc GMA received 867mm of rain at the Wensleydale rain gauge station which was approximately 70mm more than the long-term average of 796mm.

Groundwater usage last year was 77ML compared to the long-term average of 2,437ML. Water levels this year are above average.



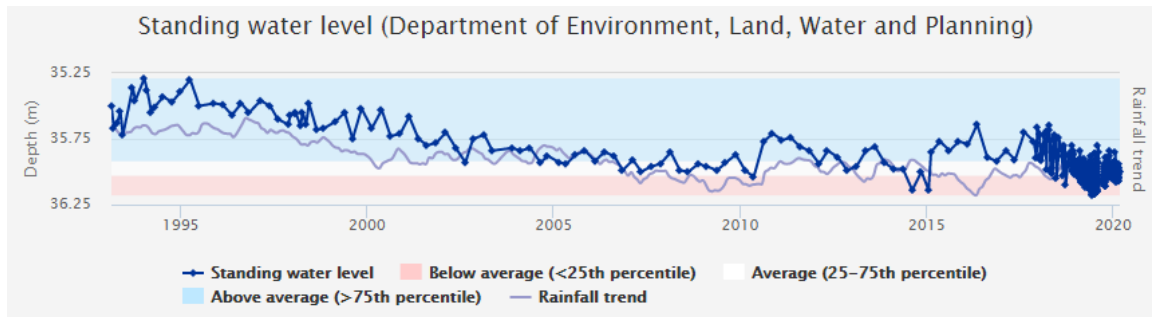
### 115869 - Jan Juc

## Newlingrook

Newlingrook GMA received 665mm of rain at the Pennyroyal Creek rain gauge station which was approximately 125mm less than the long term average of 790mm.

Groundwater usage last year was 15ML compared to the long-term average of 154ML.

Average water levels this year are within the long-term average (within 25-75th percentile)



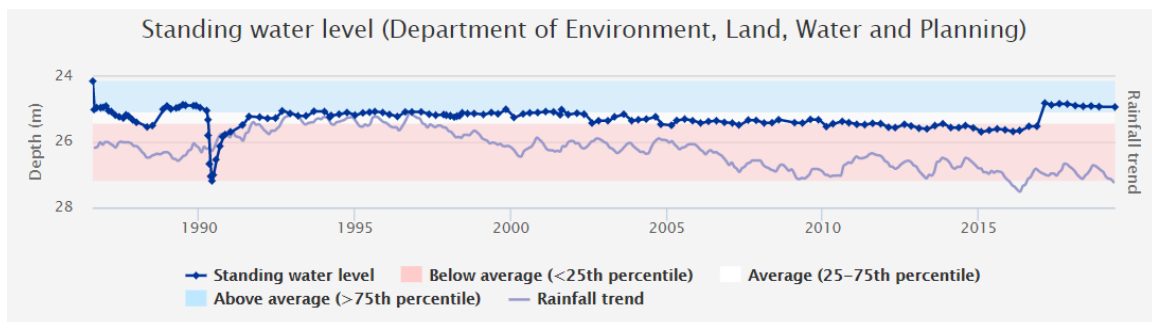
**113467 – Newlingrook**

## Paaratte

Paaratte GMA received 817mm of rain at the Cobden (Post Office) rain gauge station which was approximately 20mm less than the long-term average of 836mm.

Groundwater usage last year was 304ML compared to the long-term average of 325ML.

Average water levels this year are above the long-term average (above 75th percentile)



**87250 – Cobden-Port Campbell Road**

To find out more information about the bore depths in your area, visit [Visualising Victorias Groundwater \(VVG\)](#)

## Groundwater figures

The table below compares last season's usage with the previous four years.

Groundwater system	Number of licences	Licensed volume (ML)	Total Volume Extracted (ML)				
			2019-20	2018-19	2017-18	2016-17	2015-16
Jan Juc	2	4,250	77	201	7	223	1,341
Newlingrook	6	1,958	15	55	47	88	59
Paaratte	5	3,192	304	339	334	314	367
Unincorporated	11	72	28	40	86	106	87
Southwest Limestone GMA <sup>1</sup>	823	80,399	27,486	36,253	34,143	25,085	35,360
<b>Total</b>	<b>847</b>	<b>88,071</b>	<b>27,910</b>	<b>36,888</b>	<b>34,617</b>	<b>25,816</b>	<b>37,214</b>

<sup>1</sup>Figures quoted are for the entire SWL GMA

Basin / GMU	Permanent trade		Temporary trade	
	Number	Volume (ML)	Number	Volume (ML)
Jan Juc GMU	0	0	0	0
Newlingrook GMU	0	0	0	0
Paaratte GMU	0	0	0	0
Otway Coast	0	0	0	0

## More information

For more information about rural water use in your area, please contact your local field officer **Anja Jeddi** on **0418 201 052** or phone Southern Rural Water on 1300 139 510.

Southern Rural Water publishes local water reports for all basins. You can view these online at our website [www.srw.com.au](http://www.srw.com.au)

## *PLEASE DON'T DRINK OUR WATER*

ANY water from sources managed or licensed by Southern Rural Water, including irrigation storages, channels, rivers and creeks, groundwater and farm dams, is untreated. It should not be considered safe for human consumption without proper treatment.