MapShareVic

Overview

Where things exist in Victoria are important facts which help us understand the way things are and help us make informed decisions about future places and management. MapshareVic holds a wealth of spatial data and information which will enable you to compile authoritative maps and tabular data on many themes in Victoria.



Specifications

You may see a different view depending if you are browsing using a Desktop, Tablet or Handheld device.

Many factors can influence the performance of this application on your viewer

We recommend

- minimum 10 Mbps network
- Chrome browser
- The latest versions of the browsers should be used. *If old incompatible versions of Internet Explorer, Firefox or Chrome are being used there will be a reduction in performance*

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Desktop Viewer

Below are the main components to MapshareVic: using a Desktop Viewer



Try each of these components, get familiar with how they work and what they do

Select the XY option to expand the coordinates options for the curser position

X	Lat:	36.6 15° S	X: 2397484	East:	755200	MGRS: 54	H YE 552 440	
Ŷ	Long:	143.854°E	Y: 2542099	North:	5944000	Zone:	54	1

Projections

GDA94 Latitude/Longitude **VicGrid 94** X/Y **MGA Zone 54 and 55** East/North **MGRS** Military Grid Reference System (not visible since 25 June 2018 upgrade)

Home Panel View

The Welcome page or default Panel view is Home, which will give you general web application information, including contact details

Tablet Viewer



Handheld Viewer

Toolbars and options are hidden for the best view of the map





Change Layer Themes to Property, Water, Public Land and Wetland

using the drop down list

Search

Global Search

The Global Search box allows you to search for address/spi/localities/features on the map and can be used in 2 ways, for an immediate zoom to a selection or with a click of the **enter** button the results will be displayed in a Results Panel View for further selection.

Find address, town, suburb, street, LGA or place

- 1. Search suggestions given for selection
- 2. Search results shown on left panel

Towe
Address
TOWER AVENUE BUNDOORA 3083
TOWER AVENUE FRANKSTON 3199
TOWER AVENUE SWAN HILL 3585
TOWER COURT ARMADALE 3143
TOWER COURT NOBLE PARK 3174
Street
TOWE STREET AVONDALE HEIGHTS
TOWER ACCESS TRACK FALLS CREEK
TOWER AVENUE ALPHINGTON
TOWER AVENUE BUNDOORA
TOWER AVENUE FRANKSTON
Locality
TOWER HILL
Parish
MOORWINSTOWE

7 Sto	ORIA	Environment, Land, Water and Planning			Точ	ve
Tools	Drawin	g Adva	nced			
A Home	O Initial View	- Identify	Q Find Location	Zoo	Som to	XY P
			Bas	sic Tools	5	
	Search R	esults: Tov	we (84)	≡	×	<
84 Results	Found				×	+
🔏 (4) Lo	ocality			> -	• • •	-
(69)	Place Name	•		> -		
🔏 (5) In	nportant W	etland		> -		
(2) 19	994 Wetlan	d Category		>		
(2) Ci	urrent Wet	and		>	•••	lertown
(2) Pr	e Europea	n Wetland		> -	•••	

Property	Start typing	Result
Address	12 vic	12 VICARAGE DRIVE WOLLERT 3750
Council Number	937375	937375 WHITTLESEA
Parcel		
SPI (Lot\Plan)	1726\PS	1726\PS728834
Lot on Street	Lot 1726 vic	Lot 1726 VICARAGE DRIVE WOLLERT
Crown description – Township	Township Ball	Township Ballan Allot 1 Sec 17
Crown description – Parish	Parish Ball	Parish Ballarat Allot 1 Sec 2A
P-Number	Р123	P123004
Street		
Street Name and Locality	VICARAGE DRI	VICARAGE DRIVE WOLLERT 3750
Other		
Locality	MEL	MELBOURNE SOUTH
Council/LGA	KING	KINGSTON
Parish	MEL	MELLER

Search 1 – Zooms to single selected option



When you type a word into the Search box and select the **Enter** button, the results start to display in the results list immediately. More items display in the Results List as they are found.

These are now grouped for easier selection of numerous results, click the arrow



Results. Click on one of the search results and the map will reposition to its location.



Tablet View





Find Location tool

Select the Find Location button in the Toolbar Find Location

The options will change depending which Theme you are currently in

For Forest Explorer Theme the following options are available

Select or Enter an **option** and then the **OK** button and the map **will automatically zoom** to the location

Q







Layer Control This panel displays the spatial layer list.



From here you can use the check boxes to select the layers you want shown on your map. Some layers have additional Layer action tools to allow you to see the Metadata about the layer.

Below are the components



Expand and Contract Layer lists with the + and - options

Turn Layers on/off with the Checkboxes.

Use the Transparency slider to view layers below.

Access additional tools with the Panel Action and Layer Action Menus

• Layer Panel Action Menu, displays the legend



Note : Only the Layers with a tick will be displayed in the legend



Check the current Theme being displayed on the map



Select the > at the right of the Layer Name to display the Layer Action menu shown below



Zoom to full extent

Zoom the map to the full extent of the layer.

Zoom to visible scale

Zoom the map to a scale where the layer is visible.

Turn on/off layer visualizations

Create and view custom layer visualisations such as Heat Maps, Clustering and Layer Styles.

• For an outline only visualization, select white for the fill and then max the transparency

Toggle labels

Turn the layer's labels on or off.

Customize labels

Toggle and customise the layer's labels.

Metadata link

Click this Metadata link to view the Metadata about the layer.

Panel Action Menu

Depending on the Panel View you have active, different menus will appear

Layer Panel Action Menu Show Legend Display the legend for visible layers



Right Click on Map Menu





Printing

There are a number of different Print templates for you to choose from:

Layout –

A4 Landscape – DELWP, A3 Landscape – DELWP, A4 Portrait – DELWP, A3 Portrait – DELWP, A4 Portrait – Basic Style, A4 Portrait – Simple

Output format –

You can choose a number of different Output formats – default is PDF, Rtf, Tiff, BMP, Gif, Jpeg, Png, GeoTIFF.

Resolution –

You can choose between Low (96dpi) – Default, Medium (144 dpi), High (216 dpi) or Quality(360dpi).

Grid –

You can choose to print your map with a Grid. None is the default, or choose: VicGrid Latitude/Longitude MGA Zone 54 MGA Zone 55

Map Scale –

Current scale is the default, or you can choose Current Extent, or a range of scales based on the Base Map scales.

Title –

You can add a Title to your map.

Lock print preview with map -

☑ Lock print preview with map You can see exactly where the print extent will be with this ticked.



Search for a location

State Government, Land, Water and Planning	MapShareVic 2\PS411821 Q
Tools	Enter Locality, Address or SPI to find
Home Initial View Identify Print Export Basic Tools	
Search Results: 2\PS411821 (1) 🗮 🗙	< I want to
	Carboon Merriang-hurdle Greek Plantations Mount Buffalo National Park
	+ — Merriang-hUMEreek
Displaying 1 - 1 (Total: 1)	
Image 1 of 1 Image 1	Prefications 2 Nug Nug
🖀 Home 📚 All Tenure 🔍 Search Res	Vicmap - Cartogra

Select Result in the left panel, and the Map will zoom to this location



Adjust options for best view of Map

State Government and Planning	MapShareVic 2\PS411821 Q
Tools	
Home Initial View Identify Print Basic Tools	toggle toolbar on/off for better viewing of map
Layers ≡ × < Public Land ▼	I want to
Public ··· +	Make panel narrow for better viewing of map
+ Parcel	PC359593 2PS411821 HUME 1100103 1 TP82163 64 0
Here Basemaps Turn Parcel Lay Image: State of the s	Cartogra

>

Display data on the map, when you can't see it

Expand the for the Group of Layers you wish to see on the map, then select the arrow /ICTORIA MapShareVic Search. Q E. Environment Land, Water and Plannin Tools ٩ F ሰ 5 0 Export Initial View Identify Print Home Basic Tools = × < \varkappa Layers I want to.. • -0-Public Land LODDON MALLEE -~ CrownLandTenure -+Hill All Tenure Outline > _ Big Deser 🗮 Apiary > -GRAMPIANS Apiary Buffer > s HUME Vicmap - Cartogra... 🔢 👔 🗖 ndigo 🕋 Home 📚 Layers ĸ 100km

On the next Menu, select Zoom to visible scale



Crown Land Tenure- All Tenure Outline data is now displayed



If you still can't see the data then check for known problems



Map Projections

The curser position can be shown is several different projections

Select the XY option to expand the coordinates options for the curser position

					0 MGRS: 54H YE 55	2 440
Y	Long:	143.854°E	Y: 2542099	North: 594400	D Zone:	54 💂

Projections

GDA94 Latitude/Longitude **VicGrid 94** X/Y **MGA Zone 54 and 55** East/North Military Grid Reference System (**MGRS**)

- The Geocentric Datum of Australia 1994 (**GDA94**) is Australia's official geodetic datum.
- The **VicGrid94** projection has been chosen as the projection of choice as it is the most accurate projection with minimal distortions for the state of Victoria mapping applications.
- The Map Grid of Australia 1994 (MGA) is the standard map projection associated with GDA94.
- The Military Grid Reference System (**MGRS**) is the geocoordinate standard used by NATO militaries for locating points on the earth.

Layer name is grey and is not displayed

Some Layers will only display at certain scale range, this is to optimise the speed of the display of the map for the user.

If the Layer name is black then it is visible at the map scale, however if the Layer name is grey, then this data is not displayed even if it is ticked, because it is outside its scale range.

Layer Themes Tools Drawing Advanced	
Image: Construction Image: Construction	To Explore
Layers 🗮 🗙 Property 🔹	<pre> I want to marine #</pre>
This date	ayers in Property and Parcel are grey, and not visible at this scale a is not visible as the amount of detail would not be able to be seen Id slow the display time forthe user considerably
	ark
 ✓ Parcel Proposed ✓ Parcel ✓ Contour 	Woorrspit) and Ratio Reserved State File State Control State
	Layer name is grey, so not visible at this scale 1:50,000 They are visible at 1:70,000 to 1:100,000 and above 1:100,000 respectively
□ 葉 Contour 20m > □ 葉 Contour 10m >	This Layer name is black so it is visible at this scale 1:50,000 see contours are shown
Contour Metro 1-5M	in this case the name gives user a clue, 1-70K indicates it is visible between the scales of 1:1 and 1:70,000
Vicmap Cartographical	Call Manbymong Maribymong Ru S Ornitona Rd Brunwyck Rd Park Si S S S S S S S S S S S S S S S S S S
Home 📚 Layers 🔍 1 SMITH ST	Vicmap Cartograp

To display the data on the map from the layer name in grey italics

Select the > on the required layer, *Contour 70-100K*, and select the **Zoom to visible scale** option which will zoom the map to 1:100,000

Contour 70-100K	>	Turn on/off layer visualizations Create and view custom layer visualizations such as heat maps, clustering, and layer styles.
The Layer name changes to black		
🗷 🚎 Contour 70-100K	>	



Contours are displayed at 1:100,000 using the Layer Contour 70-100K , which is now black

How to measure Areas quickly

• Select the required feature with the Identify tool



• Select the Panel Action Menu in the upper right hand side of the panel

×

≣



• Select the Measurement option



Measure Area

Measure the area of the currently selected polygon



Change the look of data

The capability to style the vector layers containing lines, points or polygons is available - including parcel boundaries as shown in the image below...

Select the > on the required layer,

and then Turn on/off layer Visualizations

	Parcel ×	<		I want	: to				
2	Zoom to full extent Zoom the map to the full extent of the layer.	-	-						
×	Zoom to visible scale Zoom the map to a scale where the layer is visible.								/
\$	Turn on/off layer visualizations Create and view custom layer visualizations such as heat maps, clustering, ខ្លុក្ខដ្ឋអនុភាគ view custom layer	isualiza	itions	such as h	eat maps,	clustering	g, and laye	r styles.	/
Ŷ	Toggle labels Turn the layer's labels on or off.							/	
	Customize labels Toggle and customize the layer's labels.					/			

Options available

Visualization Options	×
Select a visualization for your layer: Custom Layer Style	•
<u> </u>	
Choose Symbology Type:	
Simple 🔹 🔻	
Color:	
Transparency:	
5 %	
Line Width:	
2 px	
Line Style:	
Solid	
Fill Style:	
Horizontal 🔹	
Apply Don	e



For a transparent fill choose the opacity required in the Colour option



Simply select None to go back to the default style





How to filter your data in the map view

You can filter any data layer using the fields available to display the information you require The filter tool is located in the Advanced tab, see the example below to show how it works

- To display only the Wildfire History after 2010 select the **Advanced** tab, then **Filter** tool
- In the form that appears, select the Layer Wildfire History, Season > 2010 as shown below.
- You can see that only the Wildfires that occurred after 2010 is now displayed.
- To return to the normal display, just select the Clear button



Map View of Wildfire Layer with Filter of all data after 2010

Map View of Wildfire Layer with no Filter



FAQ and Known Problems

Frequently asked questions

How do I display the Legend

• Select the button in the Tools tab

or

•

- Select the button \equiv at the top right hand corner of the Layer Panel
 - Layers
 - Show Legend Display the legend for visible layers
- The Legend Panel will display showing only those layers that are currently visible

 \equiv



• Select the button \equiv at the top right hand corner to return to the Layer Panel

How do I convert Co-ordinates

•	Select t Differer		, Marchan Co	Zone:		54	. co-ord		the bottom	right c	orner o	f map
	¥	Lat: Long:	34.675° 9 141.548° 8	5 X: 2 5 Y: 2	183513 752217	East: North:	550200 6162800	MGRS: Zone:	54H WG 502 6	28 54		

To convert coordinates use the following online resource

http://tool-online.com/en/coordinate-converter.php

Tool-onLine							
Map Coordinate Converter	Coordinate converter	XYZ to DXF	angle conversion	length conversio	n area conversion	volume conversion	vir
			Online o	coordinate con	verter		
	x (E) =	2500000	m		x (E) = 855984.600	6 ^m	
	y (N) =		m		y (N) = 5897642.3	74 ^m	
		0.000		>	h = 0.000		_
	Australia GDA94/	ı Vicgrid94	•		Australia NGS 84/UTM zor	ne 545 🔹	2

Vicmap Aerial Imagery not displaying

This basemap does not display below 1:800 scale. This data is made available for us to use as is, and we can not change the display properties.

Layer Themes Tools Drawing Advanced	
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Layers 🚞 🗙	< I want to
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ilter Layers 😵 Filter	
Vicmap Transport Labels	
Boundaries	
CrownParcel	
Address	
Property and Parcel	
Contour	
- 🕑 BaseMaps	1
Vicmap Cartographical	
Mapscape - Colour	
Mapscape Greyscale	
Vicmap Overlay	
Vicmap Aerial Imagery	
	Layer name is grey and Aerial Imagery is not displayed below 1:800 scale
🖀 Home 📚 Layers 🕕 1 SMITH ST	Vicmap Aerial Ima. 25 134 Scale 1: 400 • Go 5 10m

Change the scale to 1:800 and the Imagery will display





The data is not displaying

There is a current bug in displaying more than 7 layers in the same mapservice, for eg. Forest which we are investigating....

If you are having problems displaying data, you may require to untick/tick the layers until only a maximum of 6 layers are ticked or until the data required is displayed on the map.