How to use Melbourne's World of Water- an interactive 3D map

The interactive map is a tool that can be used for guided or independent learning. It combines location-based content with live data from Melbourne Water and its partners.

There are numerous ways to navigate the content contained in this interactive environment and this guide intends to walk through each one, so that you can find a suitable method for your needs.

Basic controls

Upon loading the interactive map, you will be greeted with a 'How-to' screen, which will identify the functions of the on-screen controls and basic navigation.

You can revisit this overlay if needed, by clicking the 'finger' icon on the bottom right side of the map.

Map Navigation

There are several ways to navigate the interactive map and it's up to personal preference/ use case on which one is most efficient. Here is a quick run-down on the methods to find content and explore the map.

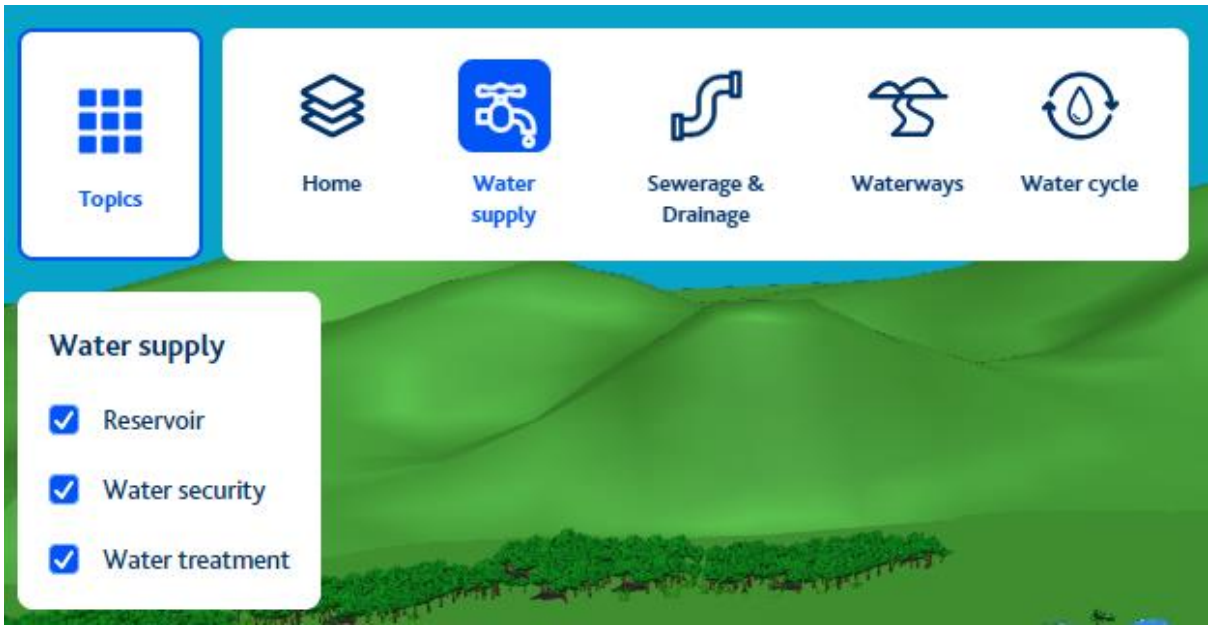
1. Topics

All content present on the map has been sorted into four main topic layers. These can be found by expanding the "Topics" button in the top left corner of the map.

Clicking one of these topics will surface models on the map that are related to the title. For example, if I was looking for information about the Western Treatment Plant (WTP), I would click the "Sewerage and Drainage" icon and navigate to the WTP's location on the map.

There is an added topic layer that behaves a little differently to the other — the Home layer.

This is the base layer of the map that you will experience, and it consists of a mix of assets found across the three other topic layers. Clicking one of the models on the Home layer will transport you to the layer in which that model resides. For example, if you click the Yarra River, it will open the content, and you will then be on the 'Waterways" topic layer of the map.



Filters

To ease navigation across the map, you can toggle on and off assets on the topic layer by using the filter system. This menu appears once a topic has been clicked on and will only display categories for the models associated with your current layer.

2. Index

You can quickly scan all the content present on the current map topic layer, by clicking on the "Index" button located in the bottom left corner of the map.

This feature allows you to navigate directly to the content node of your choice by clicking the thumbnail in the menu. The index will only display content present on your current Topic layer.

3. Free exploration

This map was built to be explored! One of the best ways to discover content is through unguided exploration. Using the basic mouse controls, you can jump into content by clicking directly on the 3D models, with red pins above them, located across the map.

This will surface the ”i” icon(s) which indicate the presence of information in the form of chapters. Clicking on this icon will bring up the content chapter associated with the model.

Tip: You can always start from chapter 1 by clicking on the “1” at the top of the content page.

Remember, you can always hit the recentre button on the left of the screen to reset your view for your current layer.

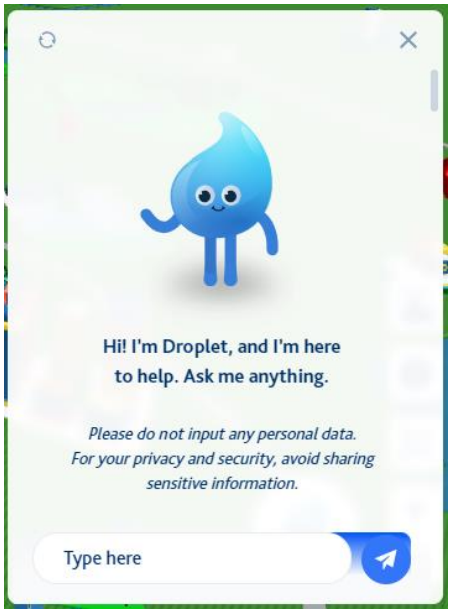
Related content

Any related content to the current topic will be displayed at the bottom of the content page. You can navigate quickly to these topics by clicking on the thumbnail of your choice.

4. Ai Chatbot (Droplet)

The interactive map has a dedicated chatbot to help answer questions about the map and its content. Click on the drip icon in the bottom right of the map to expand the dialog box, where you can ask Droplet any question about the map and its contents.

Don't worry, this chatbot will only scrape information from the interactive map and Melbourne Water's website. It is not connected to the wider internet.



Droplet can direct you to both internal links within the interactive map, and external Melbourne Water URLs for more information on a topic. If you have a question, just ask!

Tips:

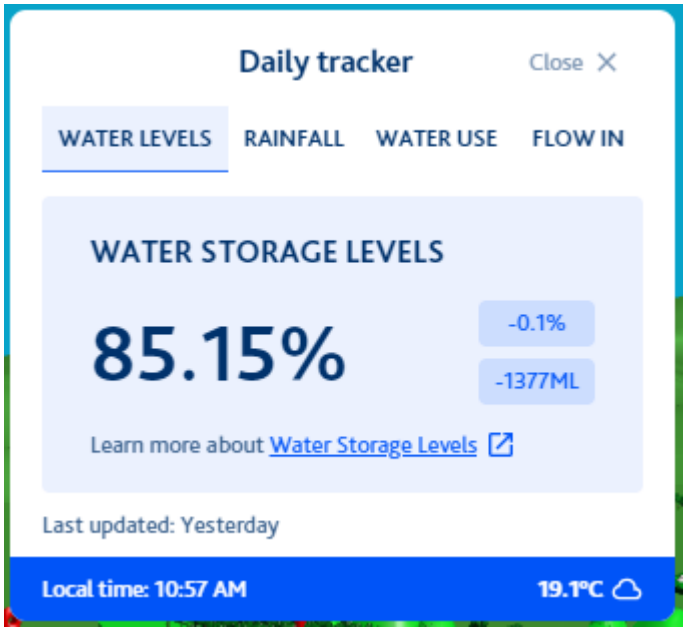
- Droplet can guide you to specific locations on the map. Use the cue: "Where is the [enter object (i.e Western Treatment Plant)] located in the interactive map."

- You can give Droplet your own tone and voice. Simply ask Droplet to “use specific language” (i.e grade 7 appropriate voice of a teacher) and it will!
- Droplet can expand or condense content it surfaces. Just ask and it will change to your questions.

Daily Tracker

This feature is accessed by clicking the ‘Daily Tracker’ icon in the bottom left of the map. The Daily Tracker displays live data taken from sensors in the field and is updated every 24 hours.

By clicking through the tabs on the top of the tracker, you will be able to view current data on *Water Levels* of Melbourne’s reservoirs, *Rainfall* received in Melbourne’s catchments, Melbourne’s average *Water Use*, and the *Flow In* of water into the Melbourne’s Water Storages.



Content directory

Below is a directory which outlines all the content models and where they are located on the map, if you get lost!

Home	Water Supply	Sewerage and Drainage	Waterways	Water Cycle
Water supply overview	Water Supply Overview	Biogas	Water catchments	The natural water cycle
Water action	Water Treatment	Biosolids	Waterways	The urban water cycle
Water treatment	Water quality monitoring	Sewerage Overview	Wetlands	Evaporation
North-south pipeline	Allocating Melbourne's water	Drainage system	Edithvale-Seaford Wetland	Transpiration
Greenvale reservoir	Water action	Book a tour	The heat island effect	Condensation
Sugarloaf reservoir	Desalination Plant	Flush it!	Dandenong creek	Precipitation
Water quality monitoring	Maroondah reservoir	Western Treatment Plant (WTP)	Maribyrnong river	Infiltration
Cardinia reservoir	Yan Yean reservoir	Eastern Treatment Plant (ETP)	Yarra river	Run off
Silvan reservoir	Greenvale reservoir	Sewage spills	Werribee river	Distribution
Winneke treatment plant	O'Shannassy reservoir	Recycled water	Environmental flows	Stormwater
O'Shannessy reservoir	Silvan reservoir	Retarding basins	Bass river	Water Catchments
Desalination plant	Sugarloaf reservoir	Greening the pipeline	Litter action	Sewerage network
Greenvale reservoir	Winneke water treatment plant		Platypus monitoring	Sewage treatment
Upper Yarra reservoir	Tarago water treatment plant		Waterbug monitoring	Recycled Water
Allocating Melbourne's water	Thomson reservoir		Frog monitoring	Climate change
Maroondah reservoir	Upper Yarra reservoir		Reimagining your creek	Desalination
Tarago treatment plant	Water reservoir		Birdwatching	
Winneke treatment plant				
Thomson reservoir				
Water reservoir				
Yan Yean reservoir				