

GET TO KNOW YOUR WATERWAYS

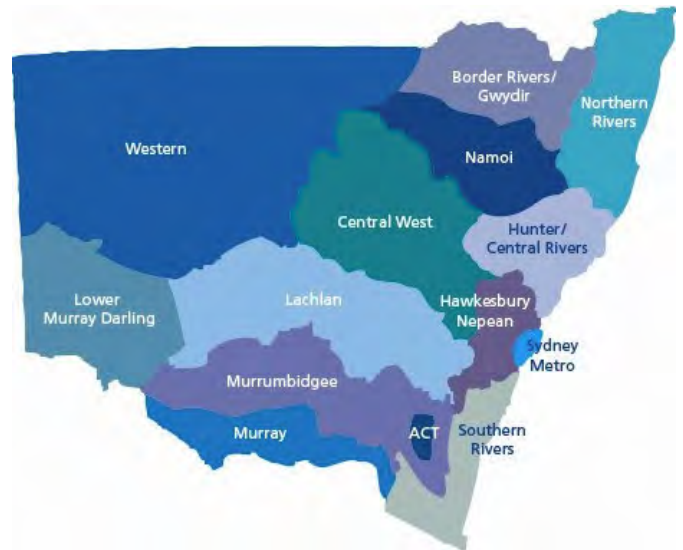
1 Outline why fresh water is a limited resource.



2 A catchment is an area where water is collected by the natural landscape. The water in a catchment runs from high (mountains) to low (valleys) places.



Determine the catchment you live in using this map.

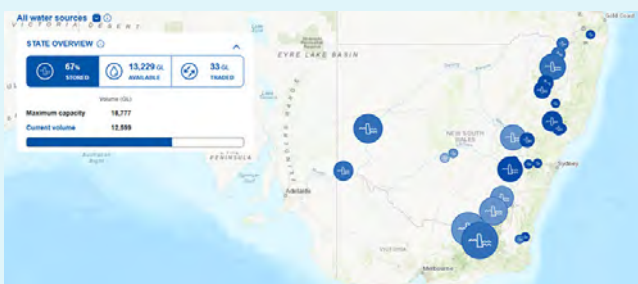


3 Identify the Traditional Custodians of your catchment.



4 Rivers and wetlands are of great cultural and spiritual significance to First Nations peoples. Describe a Nation-led use of or project for water in your catchment.





WaterInsights is an interactive tool that allows people to access information about their water resources and learn how WaterNSW manages water across New South Wales. Check out our [guide](#) for help in using WaterInsights.

Instructions

1. Open [WaterInsights](#).
2. Type your personal or school address into the 'find a location' box.
3. Find your local water sources and answer the questions on the following page.

5

Identify the closest stream/creek/river to you.



Collect this data about your stream/creek/river.



- Flow rate ML/d
- Water temperature °C
- Electrical Conductivity at 25°C μS/cm
- River level m

Hint:

Look for this gauge icon.



6

Identify the closest WaterNSW dam to you.



Collect this data about the dam.

- % Full
- Volume

Hint: Look for this dam icon.



7

Describe the purpose of the dam.

(Hint: The [WaterNSW website](#) will help.)

8 Explain the impact of natural and human factors on the results of these measurements over time.

(Eg. During a drought the river level would be lower, the water warmer, etc.)

9 Assess the value of WaterInsights for the community near this water source.

(How could the data and information on WaterInsights be helpful to water users of this water source?)
