



Warragamba Dam



Parking



Viewing area



Picnic shelter



Drinking water



Visitor centre



Toilets



Disabled toilet



Interpretive signs



No pets



No fire or charcoal bbqs



No alcohol



No drones or aircraft



Do not climb structures

Warragamba Dam



80%

Warragamba Dam is one of the largest domestic water supply dams in the world. It provides **80% of Greater Sydney's water**.



x4

Warragamba Dam has a storage capacity of more than 2 million megalitres – that's **more than four times the size of Sydney Harbour!** It supplies water to more than 5 million people living in Greater Sydney and the Lower Blue Mountains.



Warragamba Dam is managed by WaterNSW, who are also responsible for protecting Greater Sydney's drinking water catchment.

Did you know?

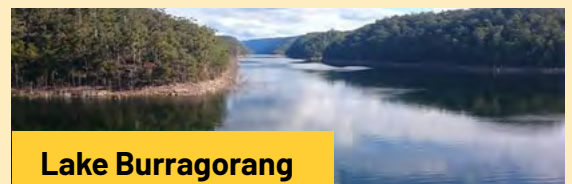
- Warragamba Dam took 12 years to build. Work on the dam started in 1948 and it officially opened on 14th October 1960. The dam is 65 years old in 2025!
- The dam was built with large concrete blocks. Concrete was mixed on site using 305,000 tonnes of cement and 2.5 million tonnes of sand and gravel.
- Lake Burragorang, the lake created by the dam, has a catchment area of 9,000 square kilometres, that stretches from south of Goulburn to north of Lithgow.
- Most of the water from Lake Burragorang flows by gravity through 27 kilometres of pipelines to the Prospect Water Filtration Plant. Some water flows from the pipelines to smaller filtration plants at Orchard Hills and Warragamba.
- While we deliver water from the source, it's our customer, Sydney Water, that treats and supplies water to households in Greater Sydney and the Lower Blue Mountains.
- When Lake Burragorang reaches 100% capacity, water is released automatically through the dam's central drum gate and radial gates. This water flows down the Warragamba River, into the Hawkesbury-Nepean River and eventually enters the ocean at Broken Bay.
- To the side of the dam sits an auxiliary spillway, which was built in 2002 to protect the dam from extreme floods.

Facts and stats



Warragamba Dam

Height: **142 m**
Length: **351 m**
Thickness at top: **8.5 m**
Thickness at base: **104 m**
Width of central spillway: **90 m**
Width of auxiliary spillway (at top): **190 m**
Length of auxiliary spillway: **700 m**



Lake Burragorang

Total capacity: **2,027,000 ML**
Area: **75 km²**
Length of lake: **52 km**
Length of foreshores: **354 km**
Maximum depth of lake: **105 m**
Catchment area: **9,051 km²**
Average annual rainfall: **840 mm**



We're the people taking care of the state's water at the source – capturing, storing, delivering.

WaterNSW acknowledges that Warragamba Dam was constructed on the traditional Country of the Gundungurra Peoples and we recognise and respect their continual and ongoing spiritual, physical and cultural connection to the lands and waterways.

Contact us

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