Perth and Peel

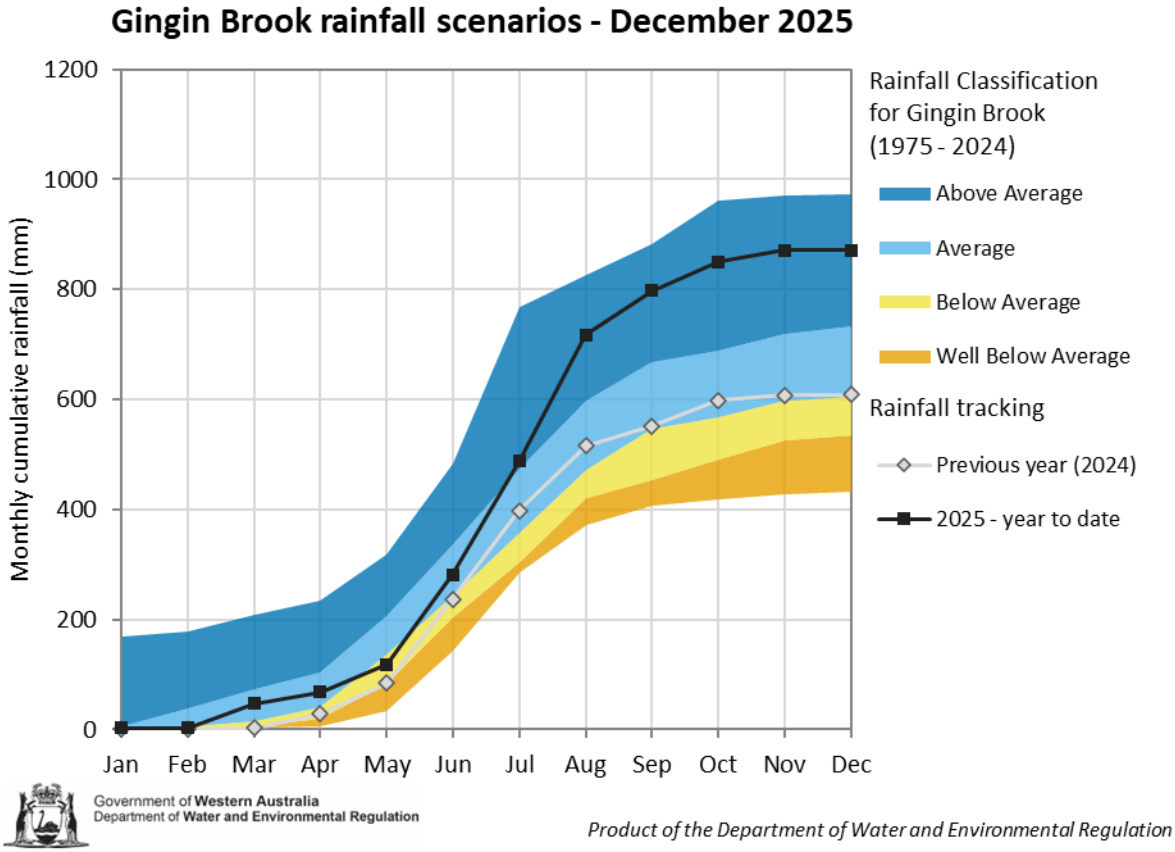
Rainfall, streamflow and groundwater

Rainfall

Gingin Brook

The graph shows how the total amount of rainfall, or streamflow in a particular place compares to previous years – specifically, to the period from 1975 to last year. The graph also shows the potential rainfall or streamflow for the rest of the year based on a few scenarios.

Rainfall at Gingin is currently tracking in the above average category and is higher than the previous year

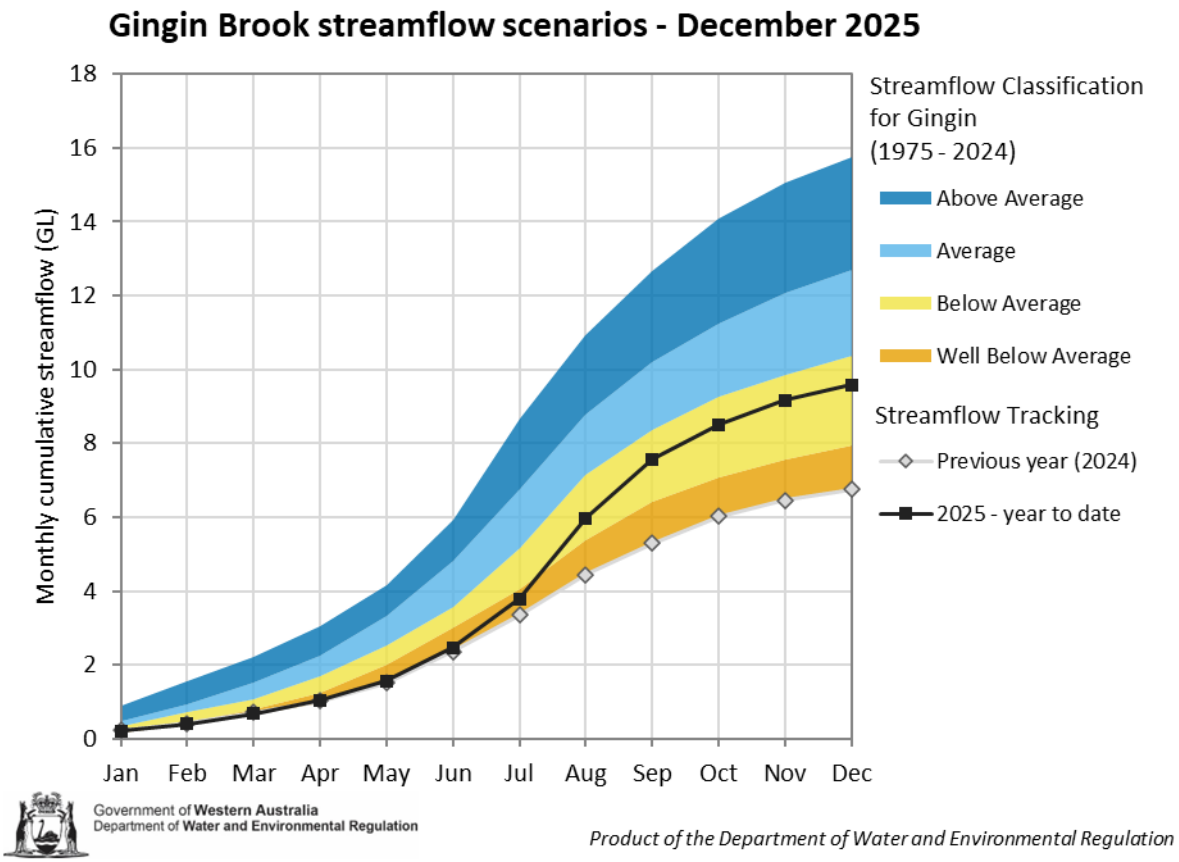


Streamflow

Gingin Brook

The graph shows how the total amount of rainfall, or streamflow in a particular place compares to previous years – specifically, to the period from 1975 to last year. The graph also shows the potential rainfall or streamflow for the rest of the year based on a few scenarios.

Streamflow in Gingin Brook at Gingin is tracking below average, but is higher than the previous year.

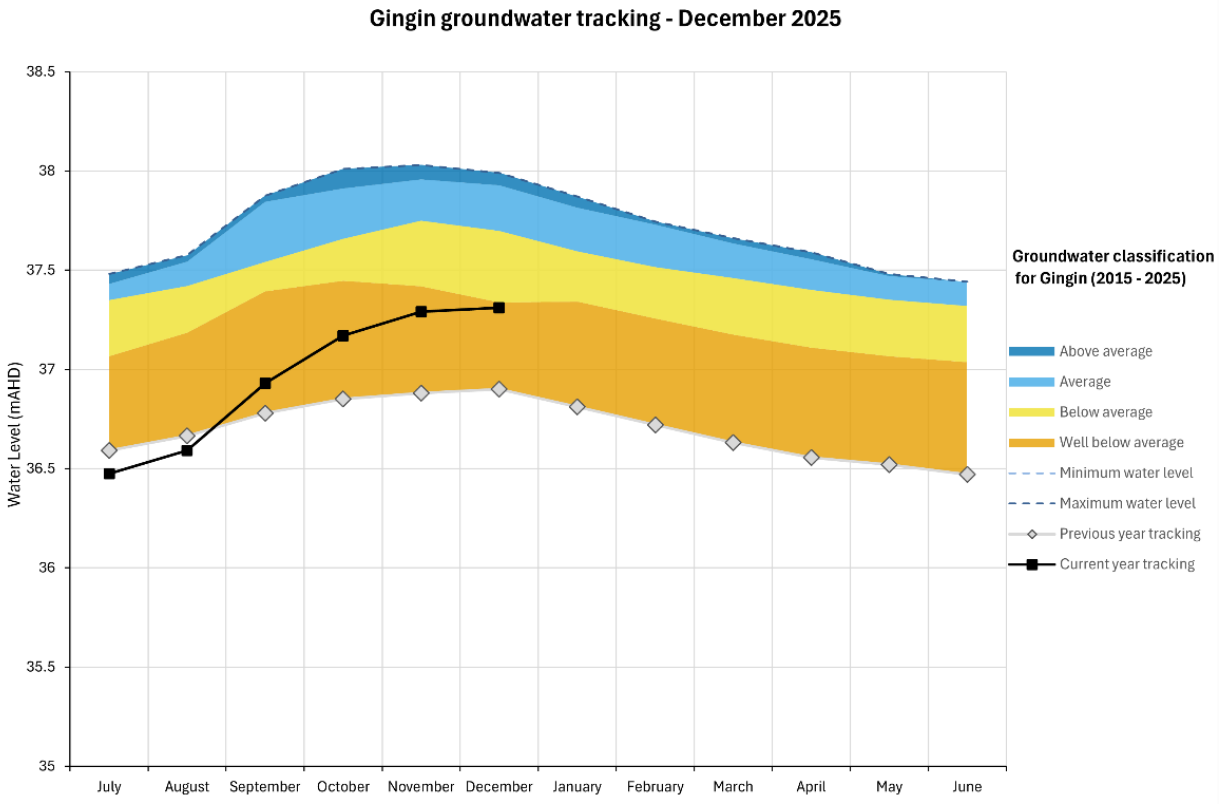


Groundwater

Gingin

Groundwater levels at the representative bore in Gingin are tracking below average, but are higher than groundwater levels recorded in the previous year.

The *Gingin groundwater and surface water allocation plans: 2024 evaluation statement* includes updated management arrangements to help prevent further declines in groundwater levels associated with climate change and abstraction.

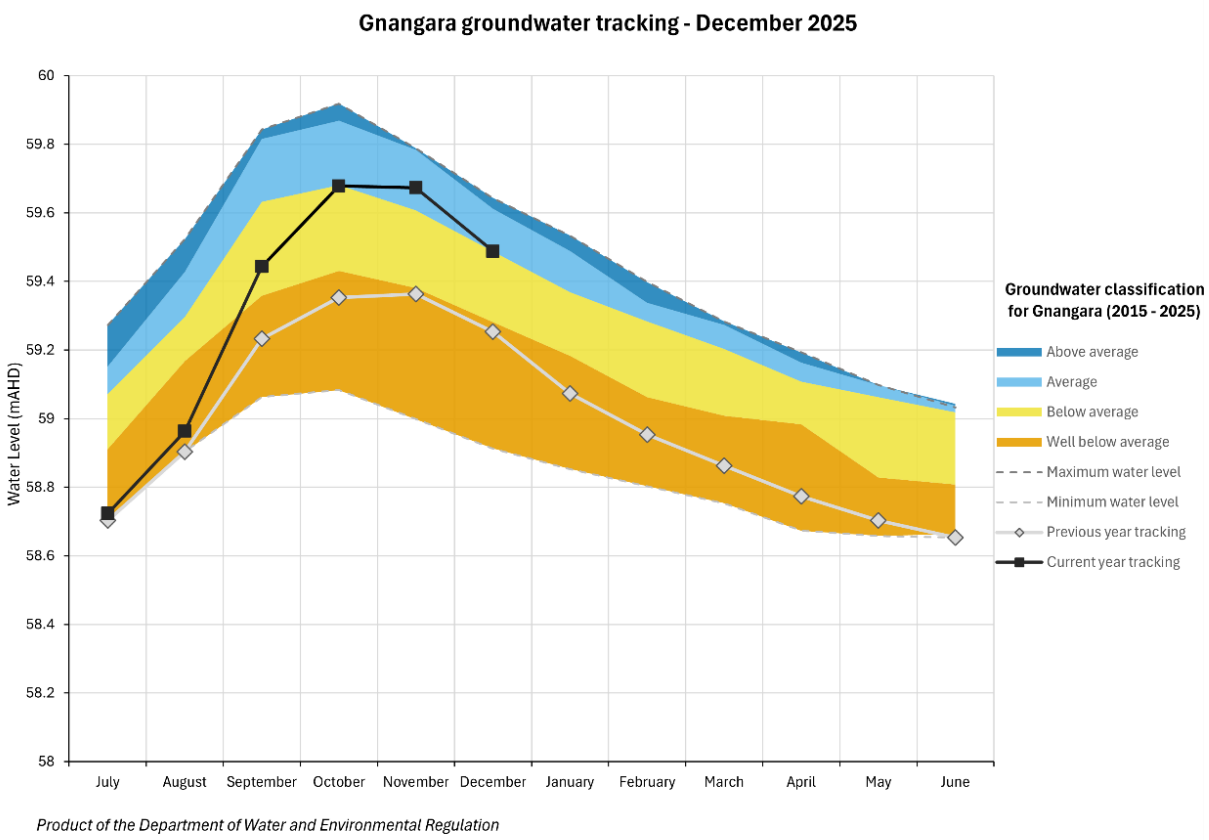


Product of the Department of Water and Environmental Regulation

Gnangara

Groundwater levels at the representative bore in Gnangara are tracking on average and are higher than groundwater levels recorded in the previous year.

The 2022 *Gnangara groundwater allocation plan* sets out how we will manage the Gnangara groundwater system – Perth's largest natural water resource – to continue adapting to climate change and to rebalance the system by 2032 by reducing groundwater abstraction by 54 GL/year.



Product of the Department of Water and Environmental Regulation

Jandakot

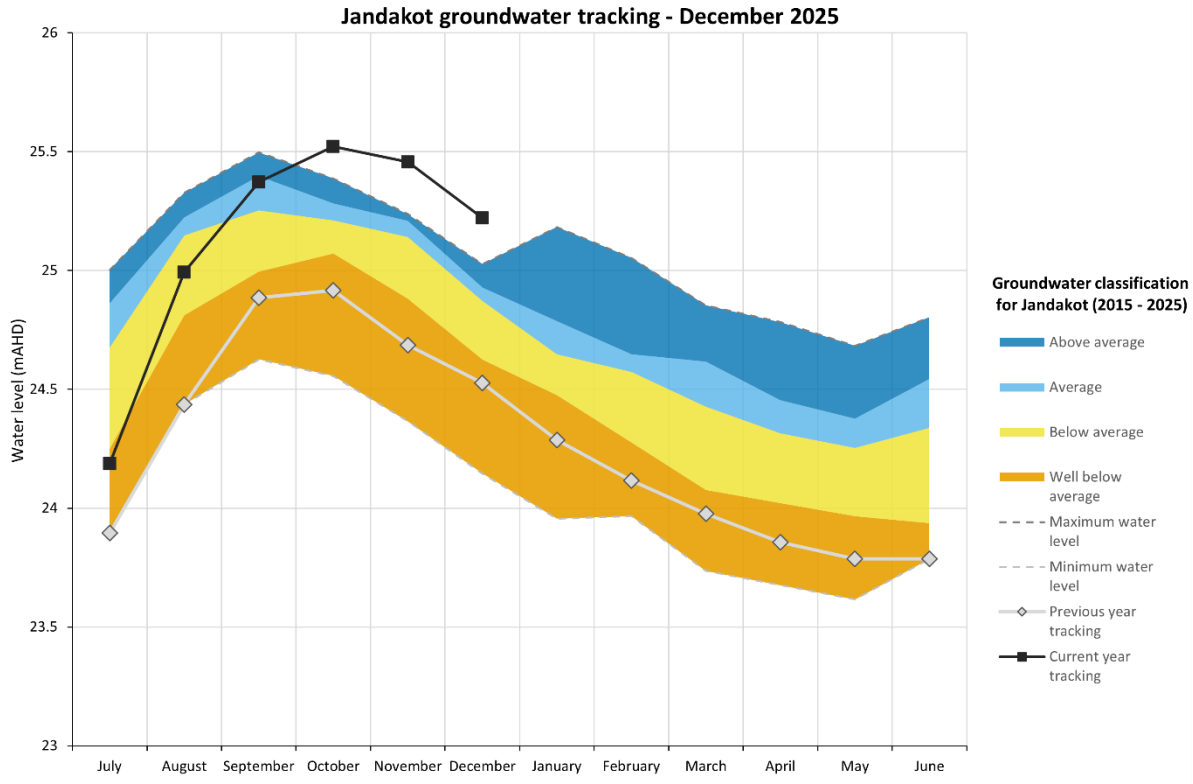
Groundwater levels at the representative bore in Jandakot are the highest they have been since 2015 and are similar to those seen from 1997 to 2005.

Although peak groundwater levels in Jandakot increased in 2025, at the end of the winter period (October), they are still expected to drop below the minimum level required by Ministerial Statement no. 688 during summer-autumn 2026.

Each year the Department of Water and Environmental Regulation publishes compliance reports that explain if we are complying with the conditions and commitments under Ministerial statement no. 688.

Environmental compliance reports for Jandakot are published here – see Environmental compliance reports - Jandakot groundwater.

Under *Kep Katitjin – Gabi Kaadadjan Waterwise action plan 3*, we are reviewing groundwater allocation limits in this area to manage groundwater for its sustainable use in the context of climate change.



Product of the Department of Water and Environmental Regulation

Mandurah

Groundwater levels at the representative bore in Mandurah are tracking on average and are higher than groundwater levels recorded in the previous year.

The 2022 *Murray groundwater areas allocation statement* describes our review of allocation limits in the Murray groundwater area in response to climate change and less recharge to aquifers in the area.