

NOTES ON IMPROVEMENTS TO LATEST GAUTENG WEEKLY DASHBOARD:

We have made some changes and added data to the PWSG weekly dashboard:

- Item 1, trend lines have been added to the weekly consumption of the major users, for the period from January 2024.
- Item 2, today's storage in the four strategic Rand Water reservoirs has been added next to the legend.
- Item 3, IVRS system storage graph has been excluded, instead listing the current storage volumes of the IVRS system and Vaal Dam. The previous years' and current abstraction against license volume is tabulated.
- Item 4, Metro year-to-date leak reporting has been added. This was previously only included in the monthly dashboard. The data is presented from the different reporting systems in the three Metros for the current financial year which started on 1 July 2024. Note that there are challenges reporting this weekly in some instances, as the process to change the status from *Reported* to *Repaired* can be lengthy. Furthermore, many leaks are reported repeatedly by different customers, which leads to an inflated backlog. We will continue to work with the metros to improve the presentation.

Kindly scroll to the next page for the latest dashboard.

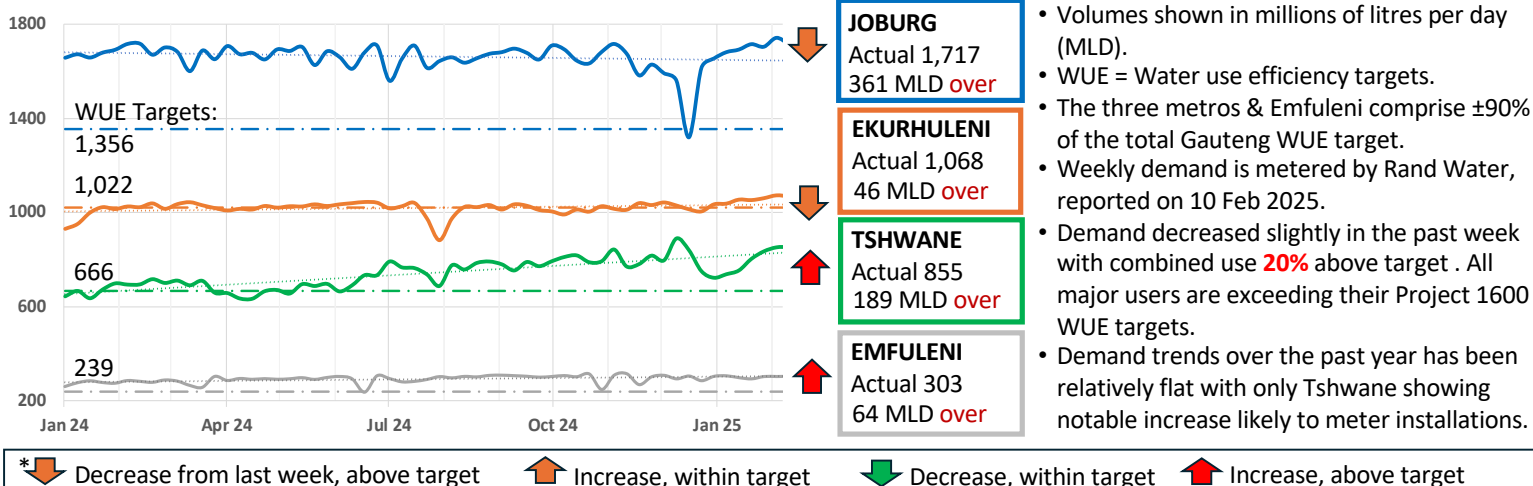
We again encourage and remind all readers to provide feedback and/or suggestions for improvement to pws@dwg.gov.za.

Kind regards,

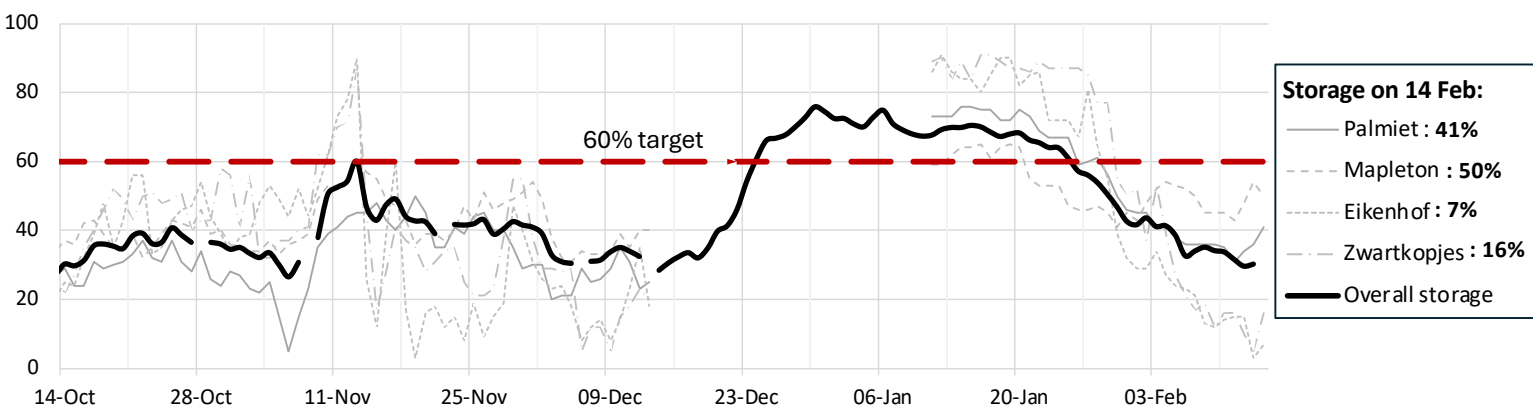
PWSG Team

GAUTENG WATER SECURITY DASHBOARD

1) 12-MONTH WEEKLY CONSUMPTION DATA FOR JOBURG, TSHWANE, EKURHULENI METROS & EMFULENI



2) % OF WATER STORAGE IN THE 4 MAIN STRATEGIC RAND WATER RESERVOIRS: The overall target reservoir storage level is 60% (red dotted line), at which point the system has sufficient pressure to feed the entire area. When overall storage exceeds 60%, water outages are less likely. With many business shutting down for the holidays, storage levels exceeded 60% between 24 Dec 2024 & 25 Jan 2025.



- Demand increase this year (due to hotter temperatures, economic activity and planned maintenance) resulted in reduced reservoir storage.
- Electricity failures on 11 Feb impacted on the Eikenhof system (with electricity supplied by Emfuleni Local Municipality) resulting in critically low reservoir levels and widespread outages across most of the area served by Rand Water. The system storage is rising but many households still don't have water. The time taken for the system to recover depends on the water drawn from the reservoirs.
- If you have water, PLEASE USE WATER FOR ESSENTIAL PURPOSES ONLY, until the system has recovered.**
- The weather forecast for the next week shows cooler wet weather. Please do not use potable water for irrigation.

3) IVRS SYSTEM STATUS – 5-year combined surface water storage

DWS Annual Allocation	=	1,600 Mm ³
2022/23 Abstraction	=	1,750 Mm ³
2023/24 Abstraction	=	1,793 Mm ³
YTD Abstraction (9 mths)	=	1,380 Mm ³
2024/25 extrapolated	=	1,841 Mm ³

- IVRS surface water storage was at 83.6% on 10 Feb 2025 (down from 83.7% the previous week)
- Vaal Dam storage level at 61.7% (up from 61.3% last week)
- At current consumption, annual allocation from DWS will be exceeded by **15%** threatening IVRS sustainability and increasing the likelihood of further restrictions on the system.

4) METRO YEAR TO DATE (YTD) LEAK REPORTING: The metros have different reporting and back-office systems. The graph reflects year to date reported and repaired leaks and bursts. Annually, reported leaks vary between about 40,000 in Tshwane and Ekurhuleni and 100,000 in Joburg, translating to ± 500 leaks reported in the Gauteng metros daily.

Some leaks are reported repeatedly, and the admin process may take a while to update once repairs are complete. The size and complexity of the water reticulation systems also varies both between municipalities and suburbs.

