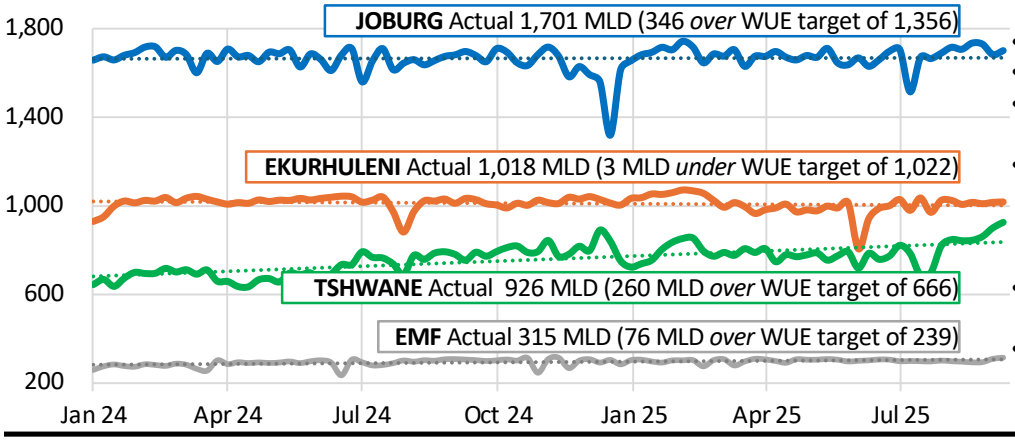
BI-WEEKLY UPDATE: GAUTENG WATER SECURITY DASHBOARD

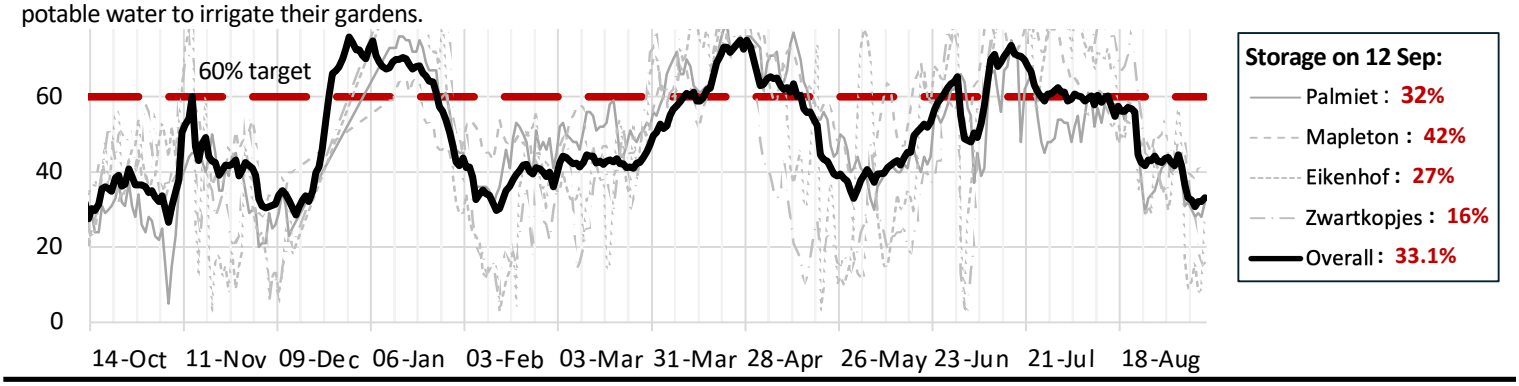
12 September 2025
Rev 1

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

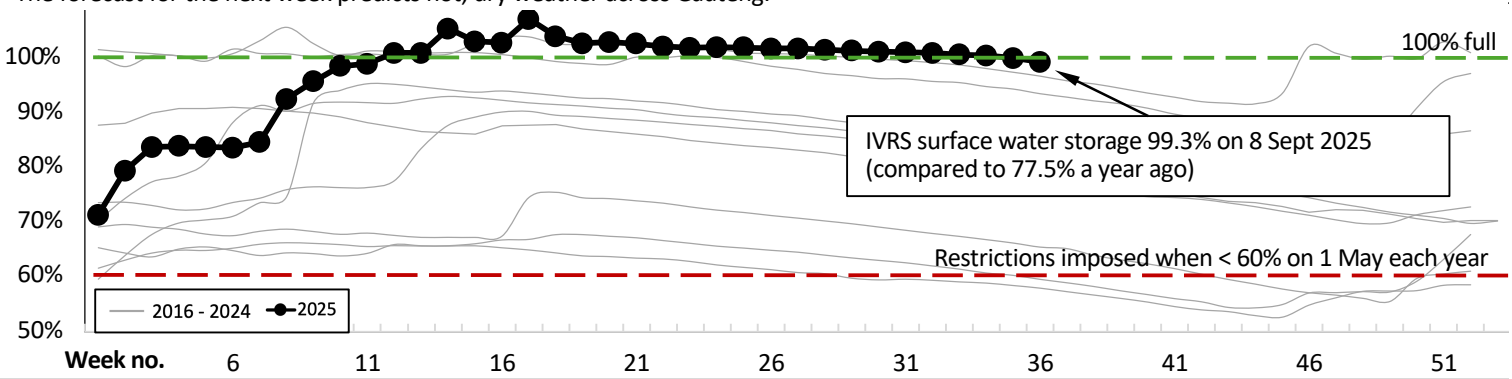


- Volumes shown in millions of litres/day (MLD)
- WUE = Water Use Efficiency targets
- Weekly demand is metered by Rand Water, last reported on ***8 September 2025***.
- The water consumption of the three metros and Emfuleni constitute 90% of the water supply based on the permanent raw water license allocation.
- Combined use is higher than the previous weeks, 21% above the WUE target.
- Tshwane's water demand increased by 10% from last month. Only Ekurhuleni is within their target use.

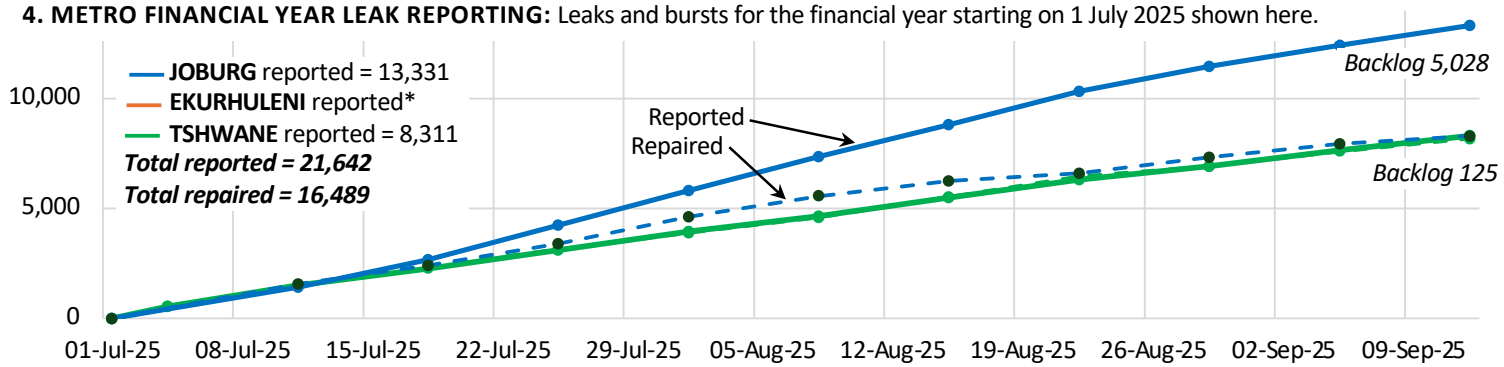
2) % OF WATER STORAGE IN THE FOUR MAIN STRATEGIC RAND WATER RESERVOIRS: The overall **target** reservoir storage level is 60% (red dotted line), at which point the system has sufficient pressure to feed the entire area. The storage level fell well below this, hovering around **30%** for the past week. This means that many areas are starved of water, with low pressure prevalent. As the system is constrained (i.e. more water cannot be supplied), the seasonal demand does not vary by much as seen above. However, higher water use in *some* areas result in water shortages in others. This is why we urge households who *do* have water to limit their use to essential needs, for example not using potable water to irrigate their gardens.



3) IVRS SYSTEM STATUS: The 10-year view of combined surface water storage shows that the system is above average for this time of year. The Vaal Dam decreased to 105.9% for the week to Tuesday. The overall system has fallen to just below 100% for the first time in 24 weeks. The forecast for the next week predicts hot, dry weather across Gauteng.



4. METRO FINANCIAL YEAR LEAK REPORTING: Leaks and bursts for the financial year starting on 1 July 2025 shown here.



*Ekurhuleni's new reporting system combines sewer and water faults and has not been included so far this year, as it would distort the graph. Each metro has a different system of logging, attending to, & closing notifications related to leaks. 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. This can result in inaccuracies in the backlog reflected.