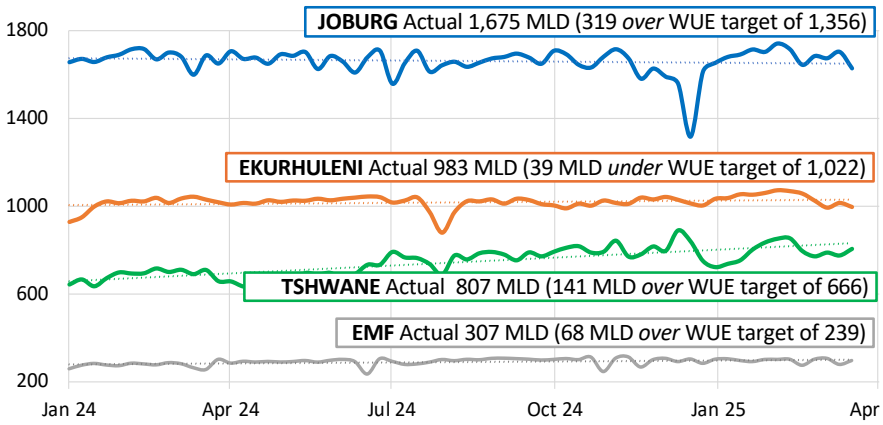
WEEKLY UPDATE:
GAUTENG WATER SECURITY DASHBOARD

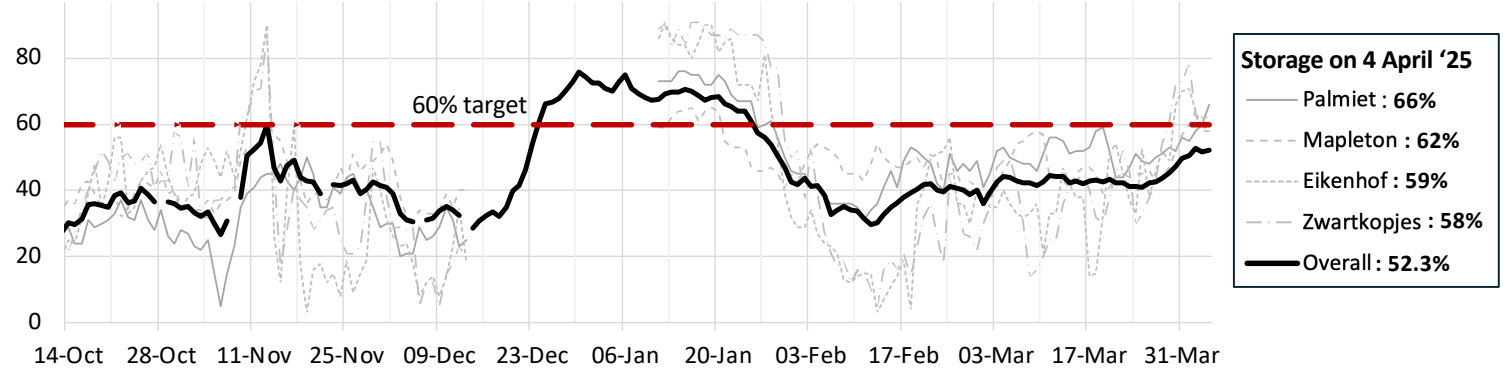
4 April 2025

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

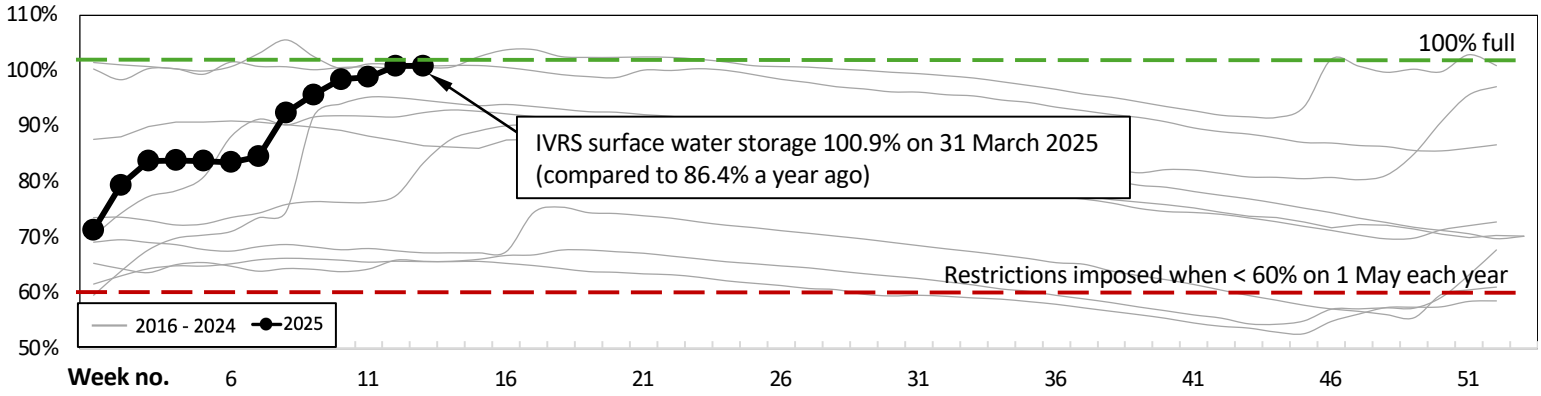


- Volumes shown in millions of litres/day (MLD)
- WUE = Water Use Efficiency targets
- Weekly demand is metered by Rand Water, last reported on *31 March 2025*.
- The water consumption of the three metros and Emfuleni constitute 90% of the water supply based on the permanent raw water license allocation.
- So far Gauteng has used 95% of the annual allocation of 1,600 Mm^3 with 2 months of the year to go. Based on current use, the allocation will be exceeded by 14% by the end of April. The new hydrological year starts on 1 May.
- Combined average daily demand has reduced from 3,877MLD in February to 3,758MLD for March.

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, and water outages are less likely. The overall storage level is struggling to recover to above 60% but has increased to over 50% of full capacity due to reduced use persistent wet and cool weather. *Please continue to use water sparingly to allow the system to build up sufficient reserves.*



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 remained at 107% for the week to Tuesday thanks to continued widespread rainfall in the catchment area. The overall system has been above 100% full for the past week. The weather forecast for the next week shows more cool temperatures with rain across Gauteng.



4) METRO YEAR TO DATE (YTD) LEAK REPORTING: The metros are working together to ensure that comparable data is reported here. The size and complexity of the water reticulation systems also varies between metros as well as between suburbs within each metro. Note that data discrepancies may be caused by frequent duplicate leak reporting (when many customers report the same leak), as well as a delay in the admin process to close the notification once repairs are complete. This can result in inaccuracies in the backlog reflected.