MONTHLY DASHBOARD FOR A WATER SECURE GAUTENG

27 March 2026

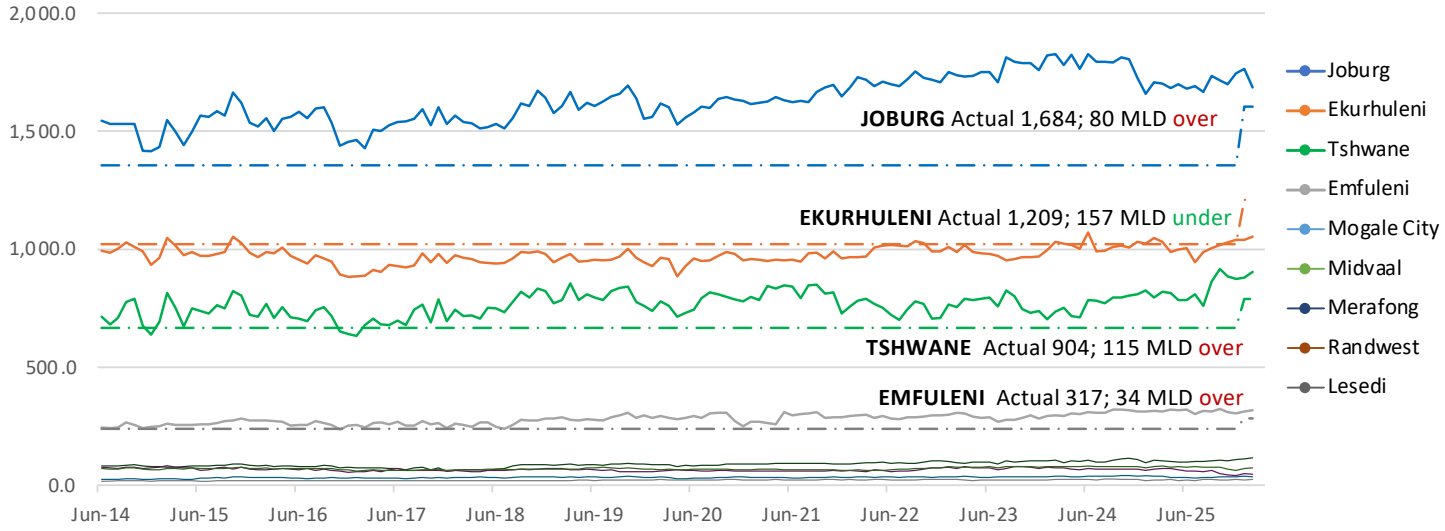
1. OVERALL WATER CONSUMPTION: Metros, Emfuleni, smaller municipalities monthly metering data for February shown below

	TOTAL RW	Joburg	Ekurhuleni	Tshwane	Emfuleni	Mogale City	Midvaal	Merafong	Rand West	Lesedi
Feb Ave Daily Use (MLD)	**4,254**	**1684**	**1052**	**904**	**317**	**116**	**37**	**45**	**75**	**24**
Jan Ave Daily Use (MLD)	4,288	1765	1039	880	313	112	37	48	71	23
Dec Ave Daily Use (MLD)	4,152	1717	1016	846	303	106	35	44	62	23
Revised WUE Target	***4,265***	***1604***	***1209***	***789***	***283***	***110***	***33***	***102***	***108***	***27***
WUE Target Use (MLD)	3,604	1,356	1,022	666	239	93	28	86	91	23
DIFFERENCE Revised WUE (MLD)	11	80	157	115	34	6	4	57	33	3
% From target use	0%	5%	-13%	15%	12%	5%	11%	-55%	-31%	-9%
Gross Per capita use (lcd)	301	276	259	275	439	311	420	337	286	201
Increase/Decrease from previous	↓	↓	↑	↑	↑	↑	same	↓	↑	↑

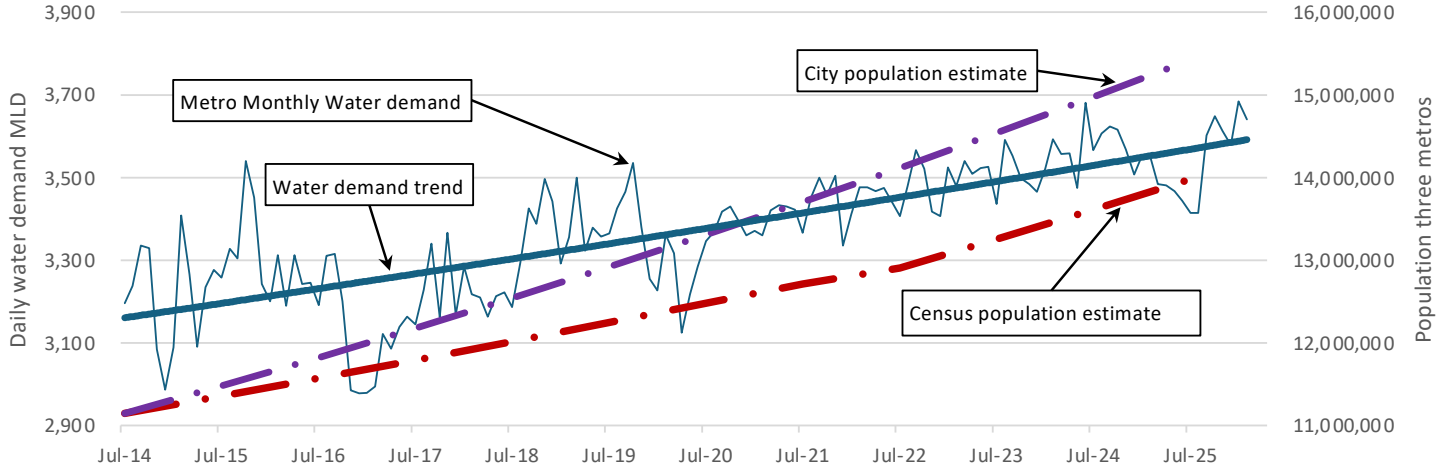
*↓ Decrease from last week, but above target ↑ Increase from last week, but in target ↓ Decrease, within target ↑ Increase

- The Minister of DWS authorised an additional 200 million m^3 of water for abstraction until June 2026 which should aid recovery of the supply systems and restore water to the entire supply system. **The increase in WUE allocation is highlighted in blue.**
- Month on month, total water use decreased in February, exceeding the revised water use efficiency (WUE) target by **11 MLD**

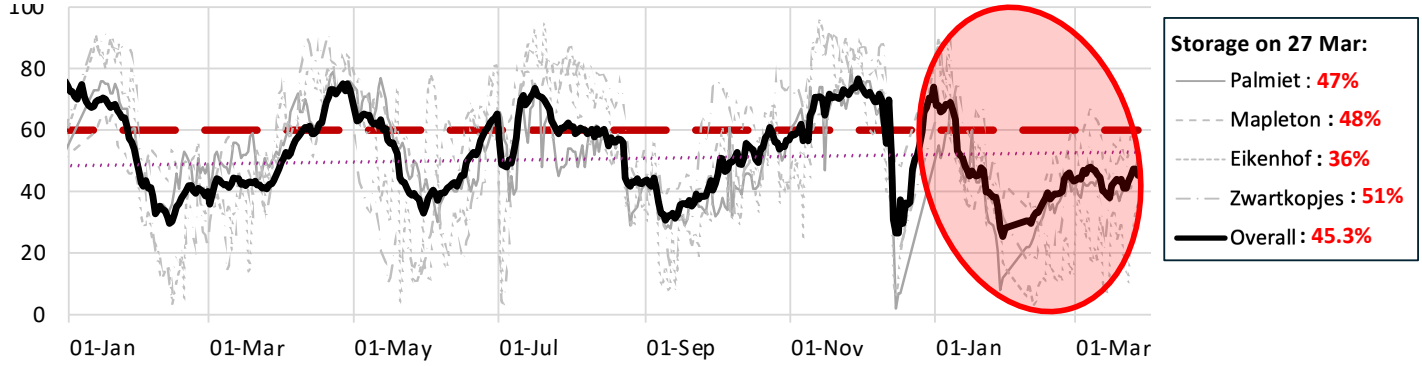
2. MONTHLY CONSUMPTION / WATER USED – 2014 to FEB 2026 (million litres per day = MLD)



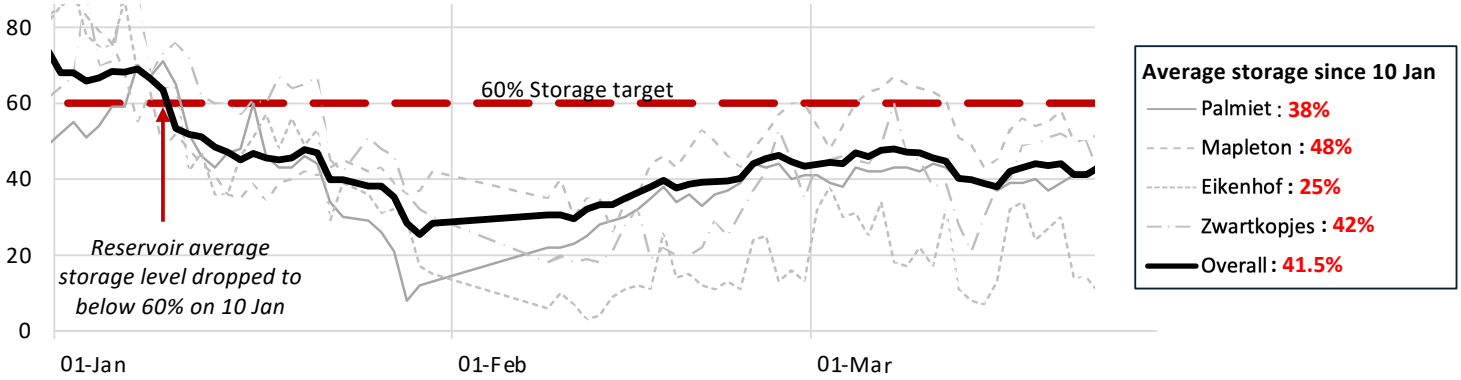
3. WATER DEMAND AND POPULATION GROWTH 2014 to Feb 2026: The graph below tracks water supplied by RW to the three metros since 2014, plotted against population. The StatsSA Census figures indicate an annual growth rate of 2.7% since 1996, while the metro's own data provides an annual growth rate of ±3%. This results in a combined population in 2025 of ±15.5 million as estimated by the Cities vs ±14 million as provided by StatSA. In contrast, water supplied has increased at a much lower growth rate, ±0.9% per year. Over the same period, NRW has increased at ±2.3% per year. This means that the gross per capita use has decreased since 2014, as the increase in population is larger than the increase in water use. Furthermore, the net per capita use has decreased more as NRW and losses have increased over the same period.



4. RESERVOIR STORAGE LEVELS: The first graph indicates the percentage of water storage in the four main strategic Rand Water reservoir systems feeding into Gauteng since January 2025. Palmiet comprises 59% of the total storage volume, Mapleton 23%, Eikenhof 11% and Zwartkopjes 7%. The overall target reservoir storage level is 60%, at which point the system has sufficient pressure.



Zooming in on storage in 2026 (the red oval above), the average system storage has been below 60% for 76 days now shown in the graph below, resulting in widespread, lengthy outages. Following water production outages in late January, full potable water pumping by Rand Water was restored early in February, but the system has not been able to recover given high demand across the region.



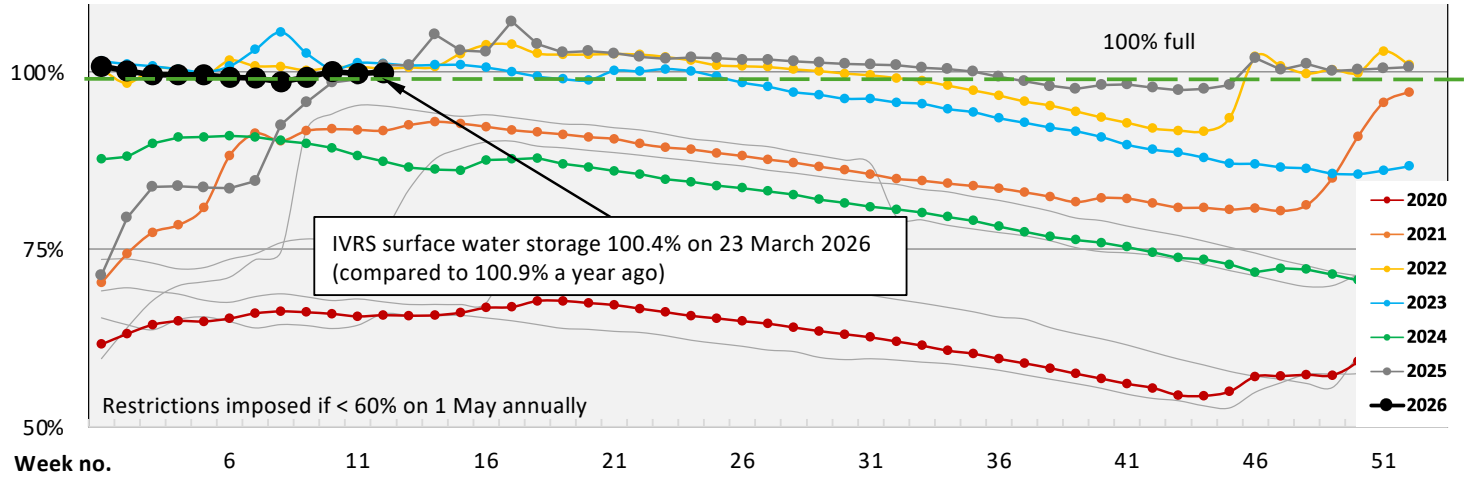
In response to the lengthy outages, the Minister of DWS[1] has authorised an additional 200 million m^3 of water for abstraction to June 2026 which should aid recovery of the supply systems and restore water to the entire supply system. The additional allocation complements initiatives underway in the metros, which have been intensified to stabilise the system – these include:

2024/25 Abstraction	=	1,800
2025/26 Abstraction YTD	=	1,479
2025/26 YTD extrapolated	=	*1,775*

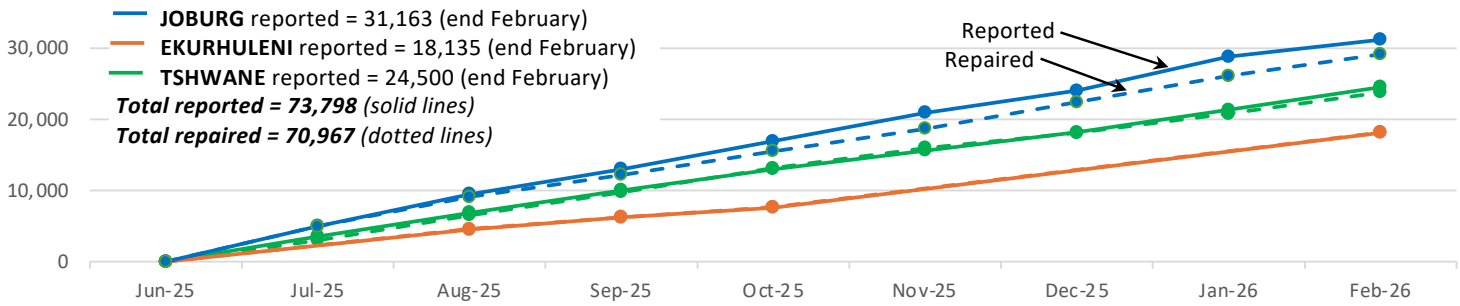
- Controlled throttling (managing reservoir outlets to build storage levels overnight),
- Load shifting (moving water volumes between stable and critical systems) to balance the system. This results in reduced pressure in stable areas, but does not result in supply disruptions in stable areas,
- Accelerated repair of leaks in distribution systems, replacement of old leaking pipes, removal of illegal connections,
- Acceleration of capital works programs, including the construction of additional reservoir storage capacity and pumping capacity.

[1] https://www.randwater.co.za/media/media_statements/Media%20Statement%20DWS%20Authorises%20Additional%2026%20February%202026_.pdf
https://infrastructurenews.co.za/2026/02/25/rand-water-gets-more-vaal-river-access-to-fix-gauteng-water-supply/

6. IVRS SYSTEM STATUS: The 10-year view of combined surface water storage shows that the system is close to capacity and above average for this time of year, having only briefly dropped just below 100%. The Vaal Dam remained close to 100% since March '25. The targeted annual allocation was exceeded by 12.5%, or 200 million cubic meters (Mm^3) last year, and is on-track to exceed this by nearly 200 Mm^3 in the current year as well. *PLEASE CONTINUE TO USE WATER SPARINGLY.*

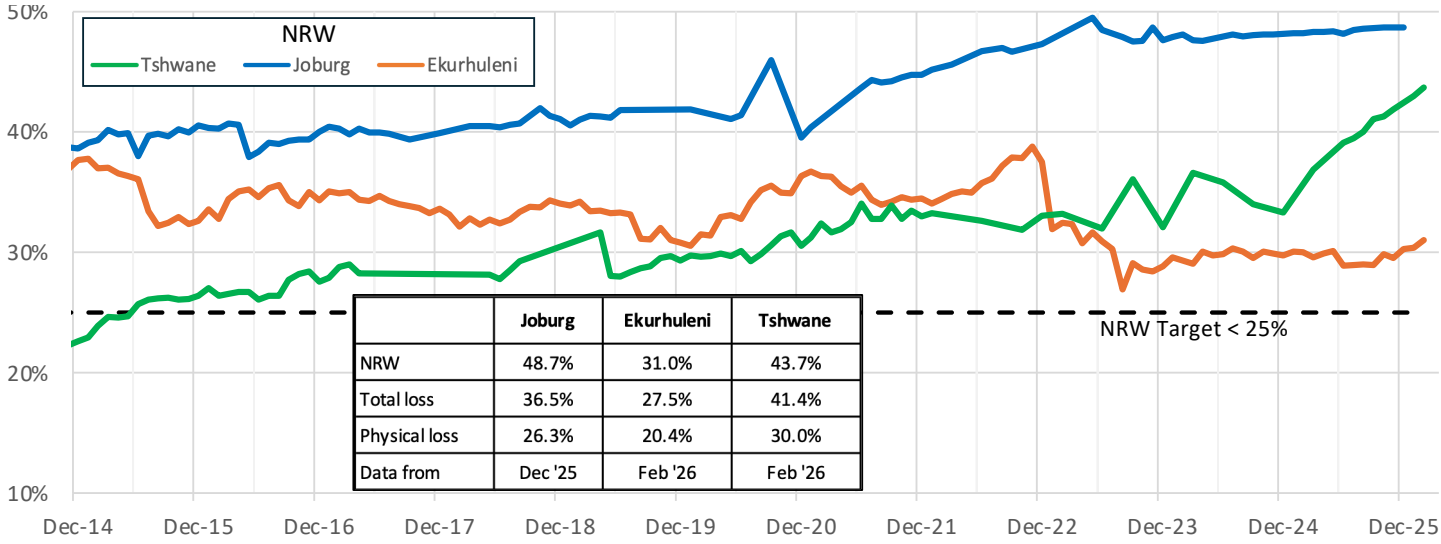


7. METRO FINANCIAL YEAR LEAK REPORTING: Leaks and bursts for the financial year starting on 1 July 2025 shown here. The metros are reconciling data before reporting, and monthly data is available only after month-end thus data up to end-February is shown here.



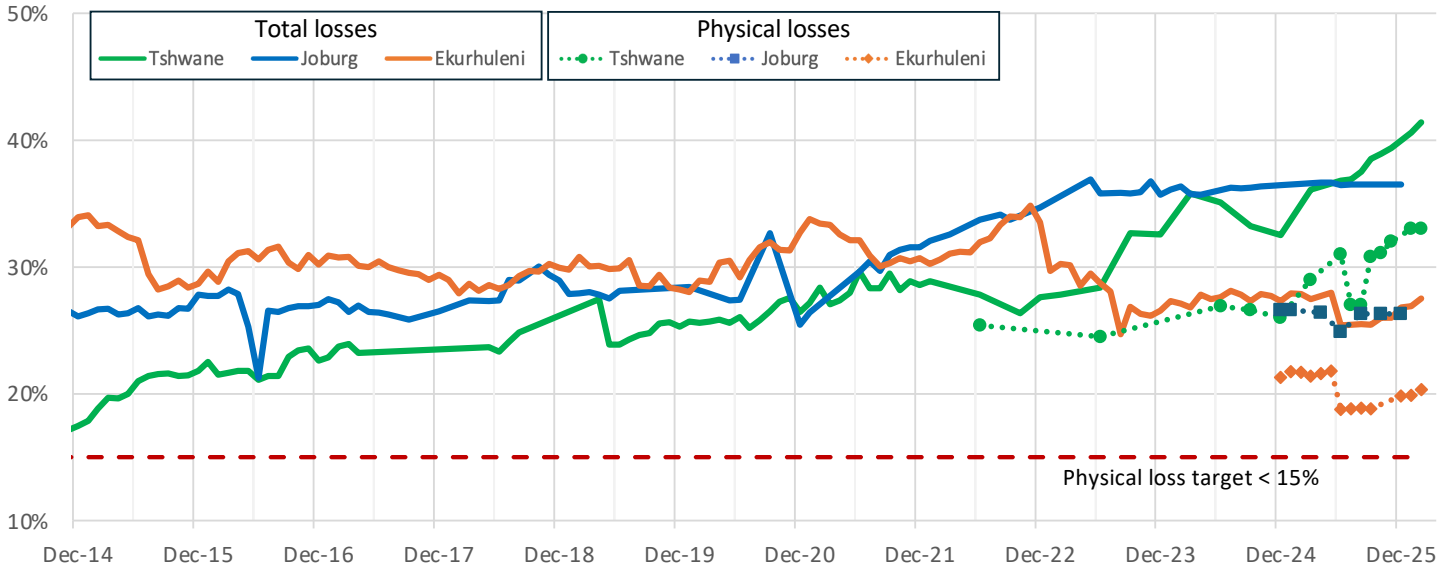
Each metro has a different system of logging, attending to, & closing notifications. Some leaks are reported repeatedly, and the admin process may take a while to update once repairs are complete. The size and complexity of the water reticulation systems also varies both between municipalities and suburbs. This can result in inaccuracies in the backlog reflected.

8. NON-REVENUE WATER (NRW) 10-year TREND: This is the volume of potable water distributed for which the municipality receives no income*. The target for municipalities in SA is <25% but the actual NRW is much higher. Ekurhuleni has made progress to achieve <30%. Latest data for Ekurhuleni and Tshwane is for January, and December for Joburg.



	Joburg	Ekurhuleni	Tshwane
NRW	48.7%	31.0%	43.7%
Total loss	36.5%	27.5%	41.4%
Physical loss	26.3%	20.4%	30.0%
Data from	Dec '25	Feb '26	Feb '26

9. WATER LOSSES 10-year TREND: This is the volume of water that runs to waste without any user using it, as well as water stolen or under-recorded by water meters. This includes leaks on mains, leaks and overflows on storage infrastructure, and on service connections *outside private property boundaries.* The losses shown on the graph include both physical losses and commercial / apparent losses. The target for physical losses is < 15%, and shown below in dotted lines for the last few reporting periods.



INFORMATION AND CONTACTS

***NRW = WATER LOSSES + Unbilled authorised use**
Where:
WATER LOSSES = Real losses + Commercial losses

and **Unbilled authorised use**, includes:
- Unbilled metered (e.g. municipal use, communal taps in informal settlements)
- Unbilled, unmetered use (e.g. fire-fighting, flushing mains, sewers)

Real losses include:
- Leaks on mains
- Leaks and overflows on storage infrastructure
- Leaks on service connections outside the property boundary

Commercial losses include:
- Metering inaccuracies (old meters under-record actual consumption)
- Unauthorised consumption (illegal connections and theft)

EKURHULENI:

For information on water outages:
- *https://www.ekurhuleni.gov.za/eku24-7-news/*
- *On Twitter (X): @City_Ekurhuleni and @CoE_Call_Centre*
- *On Facebook: City of Ekurhuleni*

Utility bill information: https://siyakhokha.ekurhuleni.gov.za/
My CoE app : https://www.ekurhuleni.gov.za/wp-content/uploads/2022/10/A3-Step-By-Step-Guide-To-Submitting-Your-Meter-Readings.pdf or https://www.ekurhuleni.gov.za/press-releases/utility-services/protect-your-water-meter-you-will-pay-for-negligent-damage-or-tampering/

Report leaks at:
- *0860 54 3000*
- *My COE App*
- *On Twitter (X): @CoE_Call_Centre*

Resources for how to use water sparingly:
- *https://www.ekurhuleni.gov.za/eku24-7-news/*
- *On Twitter (X): @City_Ekurhuleni*
- *On Facebook: City of Ekurhuleni*

JOBURG:

For information on water outages and to report leaks: https://www.johannesburgwater.co.za/emergencies/

Or call: 0860-JOBURG or find outage updates on X: https://x.com/JHBWater

Check for underground leaks by reading your meter regularly: https://joburg.org.za/services_/Pages/City%20Services/Water%20and%20Sanitation/Water%20and%20Sanitation%20Links/Reading-your-own-meter.aspx

Reading your utility bill and compare to water meter reading: https://joburg.org.za/services_/Documents/Customer%20Service%202020/How%20To%20Read%20Your%20Municipal%20Bill%20Explained.pdf

TSHWANE:

For information on water outages and to report leaks: https://www.tshwane.gov.za/?page_id=953

Or call: 080 111 1556 Or WhatsApp 087 153 1001
Or find outage updates on X: https://x.com/CityTshwane

Resources for how to use water sparingly:
- *https://waterwise.co.za/site/home.html*
- *https://www.dws.gov.za/campaigns/WaterUseEfficiency/ToolKit.aspx*
- *https://joburg.org.za/Campaigns/Pages/Campaigns/Savewater/Savewater.aspx*
- *https://www.tshwane.gov.za/?p=52404*

Seasonal weather forecast:
South Africa Weather Services publishes quarterly climate outlook report:
https://www.weathersa.co.za/Documents/SeasonalForecast/SCOLF202506_04072025134115.pdf

New Links to water outages & quality issues:
https://watercan.org.za/nowatermap/