



MONTHLY DASHBOARD FOR A WATER SECURE GAUTENG

30 April 2026

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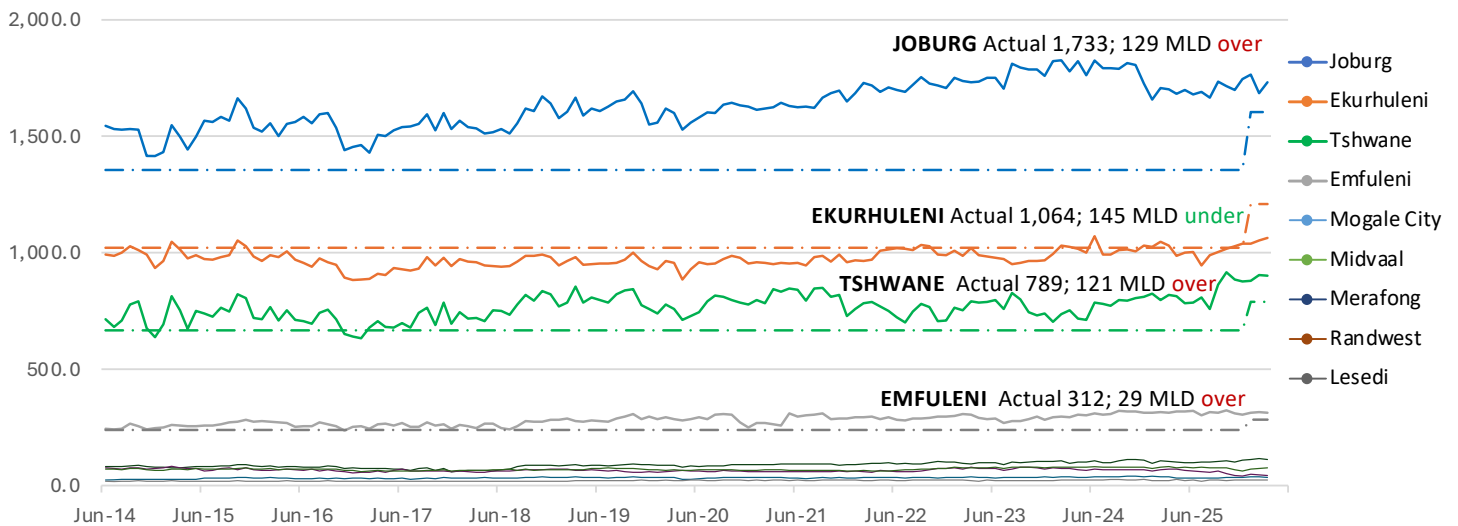
1. OVERALL WATER CONSUMPTION: Metros, Emfuleni, smaller municipalities monthly metering data for March shown below

	TOTAL RW	Joburg	Ekurhuleni	Tshwane	Emfuleni	Mogale City	Midvaal	Merafong	Rand West	Lesedi
Mar Ave Daily Use (MLD)	4,308	1733	1064	910	312	112	35	43	75	24
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
<i>Revised WUE Target</i>	<i>4,265</i>	<i>1604</i>	<i>1209</i>	<i>789</i>	<i>283</i>	<i>110</i>	<i>33</i>	<i>102</i>	<i>108</i>	<i>27</i>
WUE Target Use (MLD)	3,604	1,356	1,022	666	239	93	28	86	91	23
DIFFERENCE Revised WUE (MLD)	43	129	145	121	29	2	2	59	33	3
% From target use	1%	8%	-12%	15%	10%	2%	6%	-58%	-31%	-11%
Gross Per capita use (l/cd)	304	284	262	277	432	311	420	337	287	201
Increase/Decrease from previous	↑	↑	↑	↑	↓	↓	↓	↓	same	same

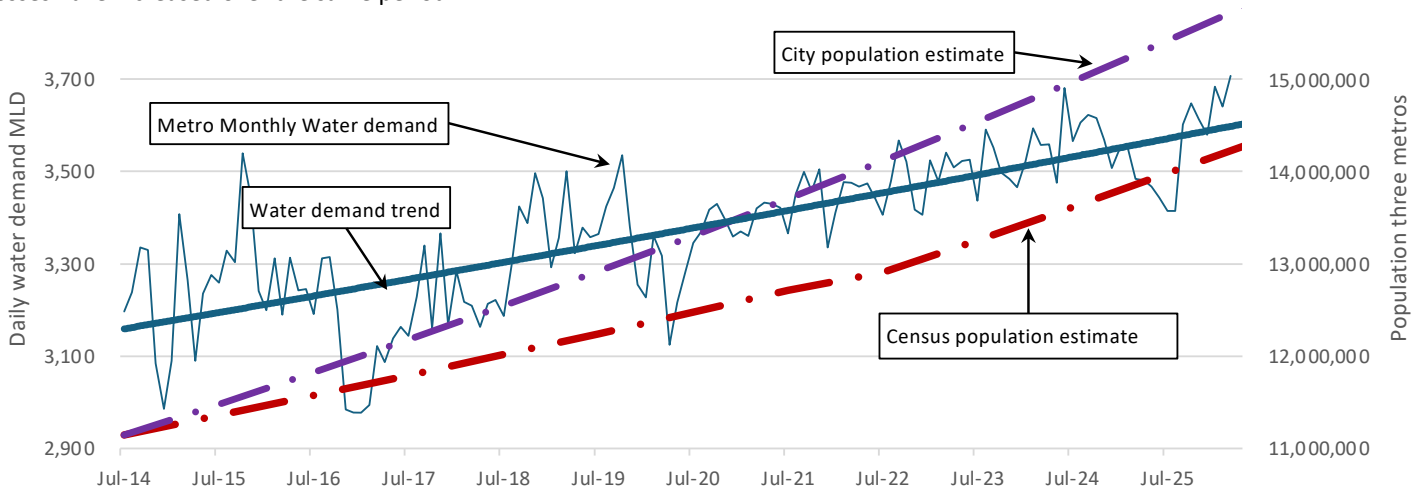
* ↓ Decrease from last week, but above target ↑ Increase from last week, but in target ↓ Decrease, within target ↑ Increase

- The Minister of DWS authorised an additional 200 million m³ 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 increased in March, exceeding the revised water use efficiency (WUE) target by **43 MLD**

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



3. WATER DEMAND AND POPULATION GROWTH 2014 to Mar 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 StatsSA. 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.



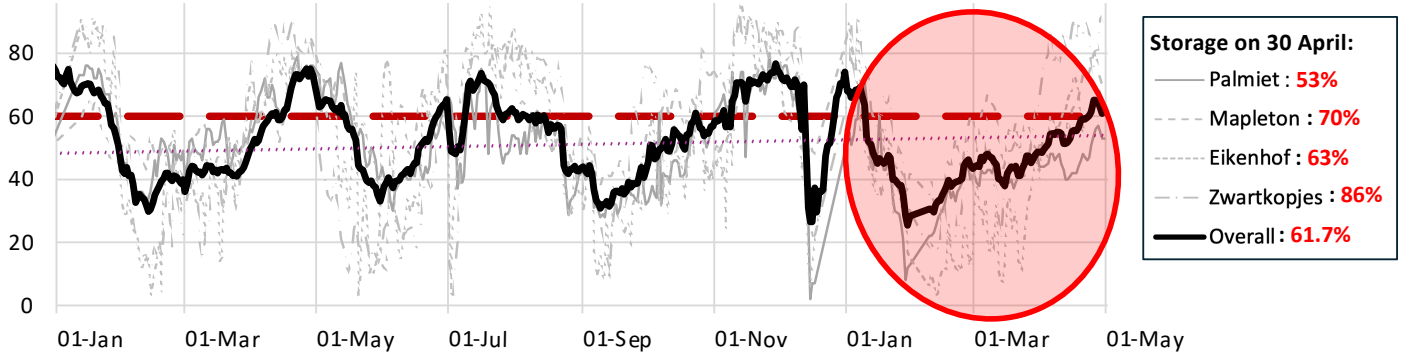


WATER LEAKS, OUTAGES AND RESERVOIR LEVELS

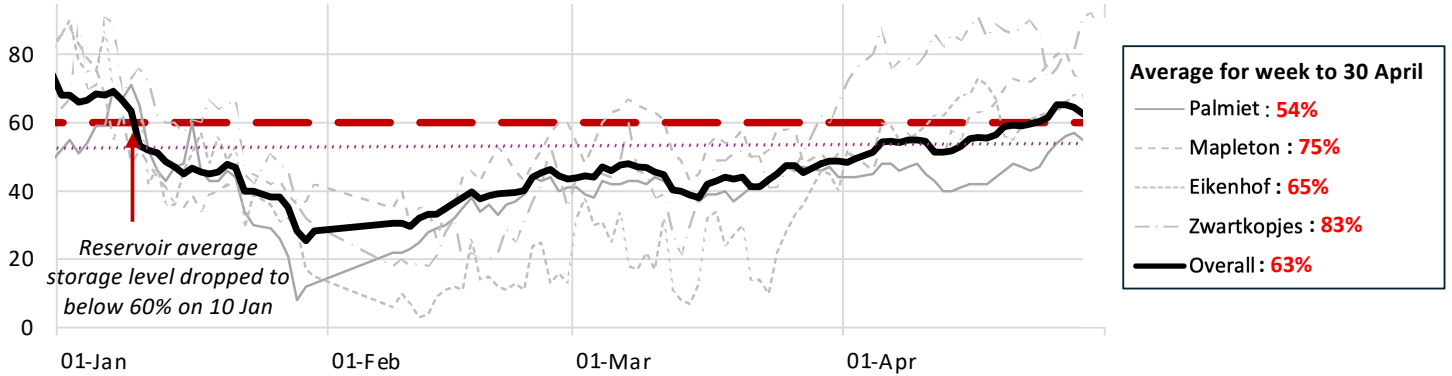
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4. RESERVOIR STORAGE LEVELS: The first graph indicates the percentage of water storage in the four main strategic Rand Water reservoir systems feeding into Gauteng since January 2025. Palmiet comprises 59% of the total storage volume, Mapleton 23%, 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 most of the year to date, 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 in February, and the system has *finally recovered to above 60% average storage for the past week*.



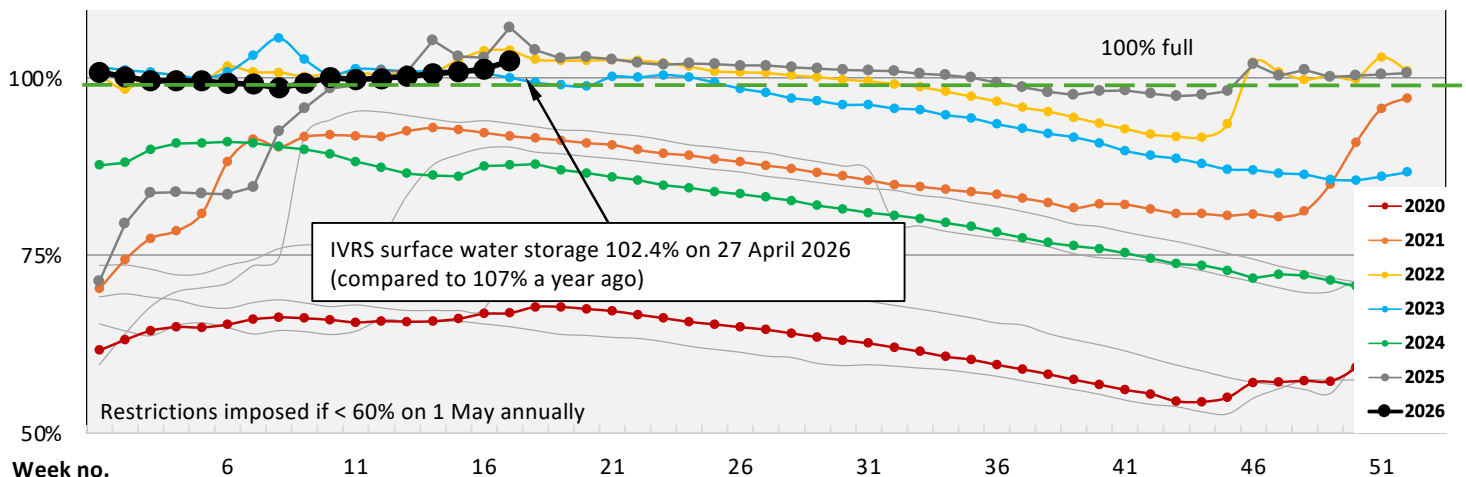
In response to the outages early in 2026, the Minister of DWS¹ has authorised an additional 200 million m³ of water for abstraction to June 2026 which should aid recovery of the supply systems and restore water to the entire supply system. The additional allocation complements initiatives underway in 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.

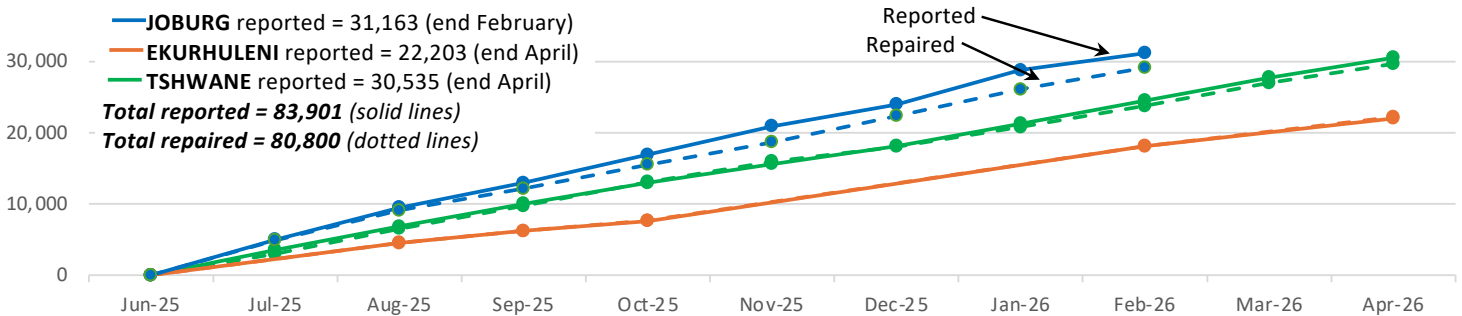
¹ https://www.randwater.co.za/media/media_statements/Media%20Statement%20DWS%20Authorises%20Additional%202026%20February%202026_.pdf
<https://infrastructurenews.co.za/2026/02/25/rand-water-gets-more-vaal-river-access-to-fix-gauteng-water-supply/>

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 (Mm³) last year, and is on-track to exceed this by nearly 200 Mm³ in the current year as well. *PLEASE CONTINUE TO USE WATER SPARINGLY.*



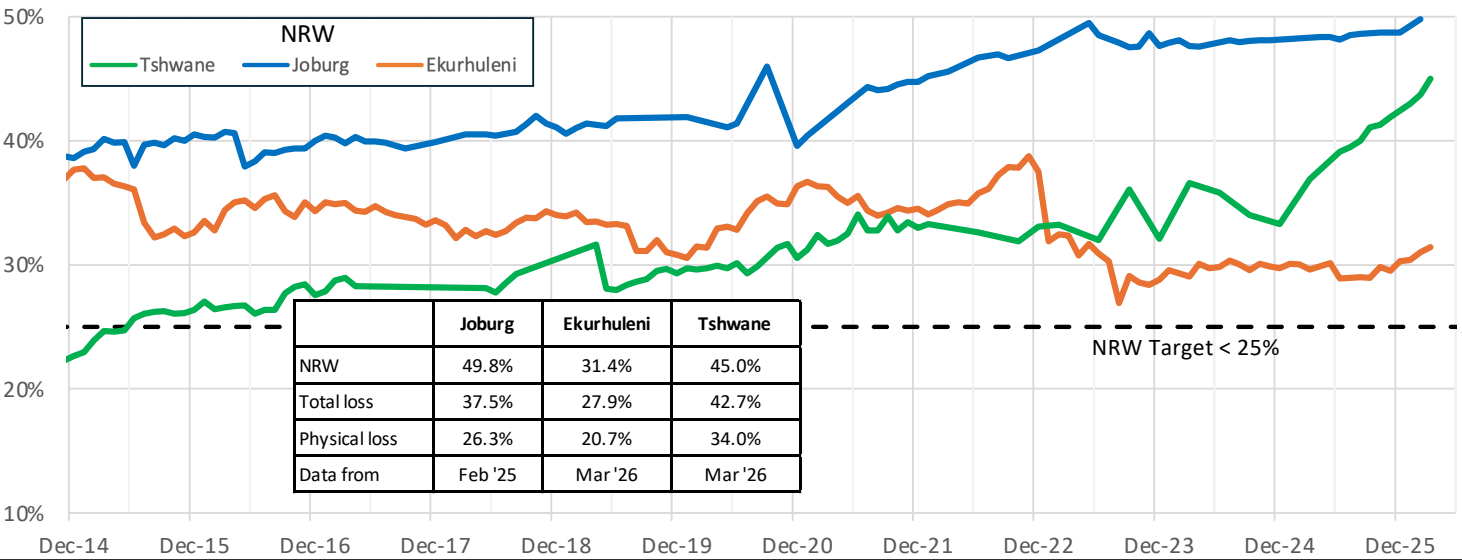


7. METRO FINANCIAL YEAR LEAK REPORTING: Leaks and bursts for the financial year starting on 1 July 2025 shown here. The metros are reconciling data before reporting, and monthly data is available only after month-end thus data up to end-February is shown here.

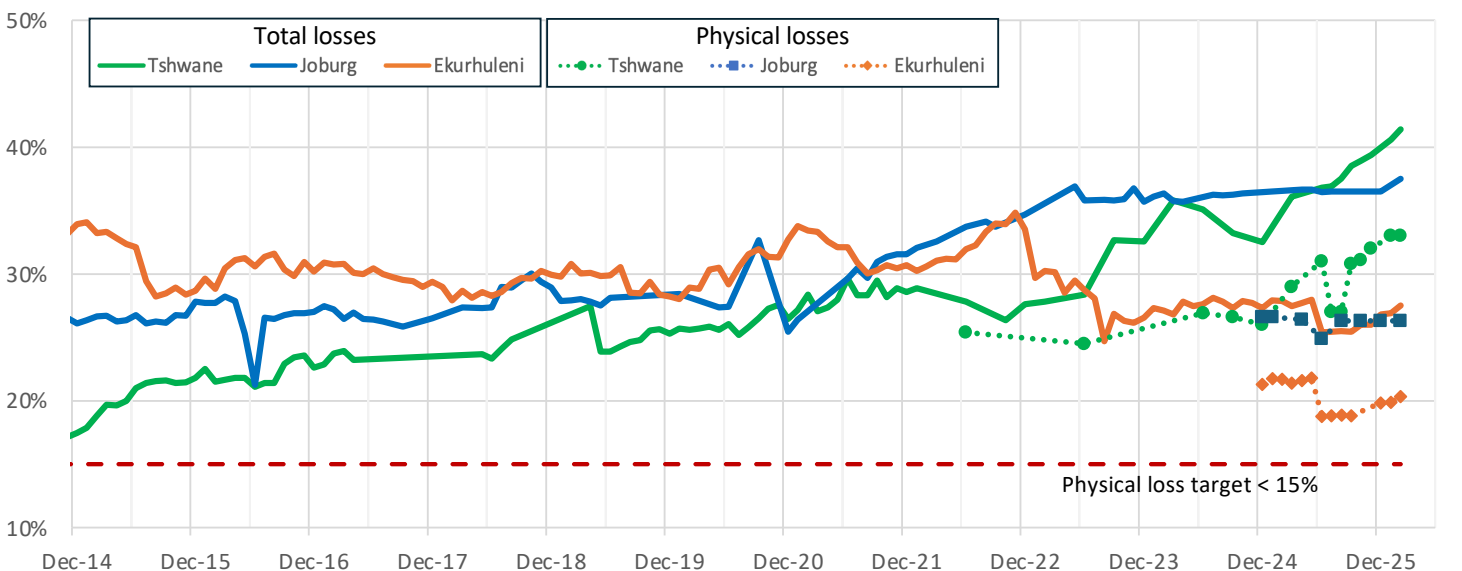


Each metro has a different system of logging, attending to, & closing notifications. Some leaks are reported repeatedly, and the admin process may take a while to update once repairs are complete. The size and complexity of the water reticulation systems also varies both between municipalities and suburbs.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



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.





***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/>