



MZANSI AMANZI

The **monthly** web-based solution monitoring
South Africa's water resources

Consistent, accurate and reliable water resource monitoring for
successful water management.

Overview:

Water is a critical and scarce resource in southern Africa and is likely to become even more so as the regional impacts of global climate change become more evident. **Mzansi Amanzi** (Water South Africa), the first of its kind, enables easy access to, accurate information every month about water resources across the entire country.

The Solution



National wall-to-wall
coverage of all surface
water features



Includes all surface water
features: natural, man-made,
seasonal and permanent, as
observed each month.



Fully automated operational
procedures using cloud
based technology.



Detailed comparable
and standardised
monthly observations.



Benefits & Unique Features:



Compliance monitoring for dam
safety & wetlands



Assess the water supply
risk on various facilities



Understand trends relating
to drought risk



Identify dam safety concerns
in the case of flooding



Provide an overall view of water
resource availability

visit the online platform at
www.water-southafrica.co.za

Unique Features:

- Web-based information platform
- Monthly assessment of all surface water resources
- Quantitative monitoring and monthly change indicators
- Subscription based in future
- Sample data available upon request

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The Mzansi Amanzi web platform allows users to:

- View the **latest surface water dataset** online
- **View and switch between 3 consecutive months** of surface water data, and draw qualitative comparisons between the months.
- Use the tools to set the layer transparency to **compare more than 1 dataset** at once
- View the **occurrence** of surface water, as well as the **historic extent** of water in a particular catchment of interest
- **Search and zoom** to areas based on various criteria (Place Names, Quaternary ID's, Dam Names)
- Subscribers are able to **download the quantitative analysis** of surface water for each catchment in a easy to read spreadsheet
- Access to the physical water dataset can also be made available to the users on request



Data Example:

Theewaterskloof: **Monitored surface water loss**

