

Surfacewater Reserve

- **What does this dashboard relate to:**

It relates to an information system that can be used as a database on historic data, to store new information and provide information for water management decisions. This dashboard gives an indication of the number of Surface Water Reserves approved to date, for selected periods and the level of Reserve Determination (i.e. Desktop, Rapid, Intermediate and Comprehensive). It provides prudent and baseline information for reporting purposes on State of Water Resources, for planning and budgetary purposes, monitoring and auditing and input into new studies.

- **Person(s) who championed the dashboard:**

- Mr Molefi Jacob Mazibuko
Scientist Production Grade A SWRR: Surface Water Reserve Determination

- **Enquiries:**

- For all dashboard enquiries click [HERE](#) to go to the Contact Us page.

- **What types of questions does the information product aim to answer:**

The dashboard aims to answer the following questions:

- Number of approved Surface Water Reserve to date;
- The different levels of Reserves determined;
- Dates when the Reserves are approved;
- Latest reserves that supersede previous reserves
- Geographical coverage of reserves in RSA;
- Indicated where Reserve studies are still required;
- Date when Reserves approved; etc

- **Data / Information discussion:**

- Data used to generate the information
 - What data is used?

The data used to generate information is made available through a spreadsheet that is regularly updated with Surface water Reserve Information.

- How is it extracted and from where?

All Surface Water Reserve information is saved on the N-drive database and contains information about approved Reserves, reports, current studies as discussed under point 1 and 2.

- How often is it extracted?

It depends at which time information is requested or used from the dashboard i.e. accessing information before the database has been updated. Updating of the database will happen on a quarterly basis. There are risks in terms of the accuracy of importing the correct Reserve information and double checking it with the hard copy information, ensuring that old or dated Reserves are replaced with the latest update. The latter is amongst others important to avoid double counting etc. The advantages and disadvantage of this information system will only be fully realised once it has been used for a period and the glitches and challenges have been discovered to allow intervention to be put in place to work towards improvement of the system in future.

- Business processes related to the data:

N/A

- **Links to other sources of related information**

- NFEPA's;
- PES/EIS database;
- Reconciliation studies and the availability of water
- NWRs and CMS;
- EIS's
- River health database etc

- **Are there any limitations / cautions related to using this information?**

Yes, please refer to the below:

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