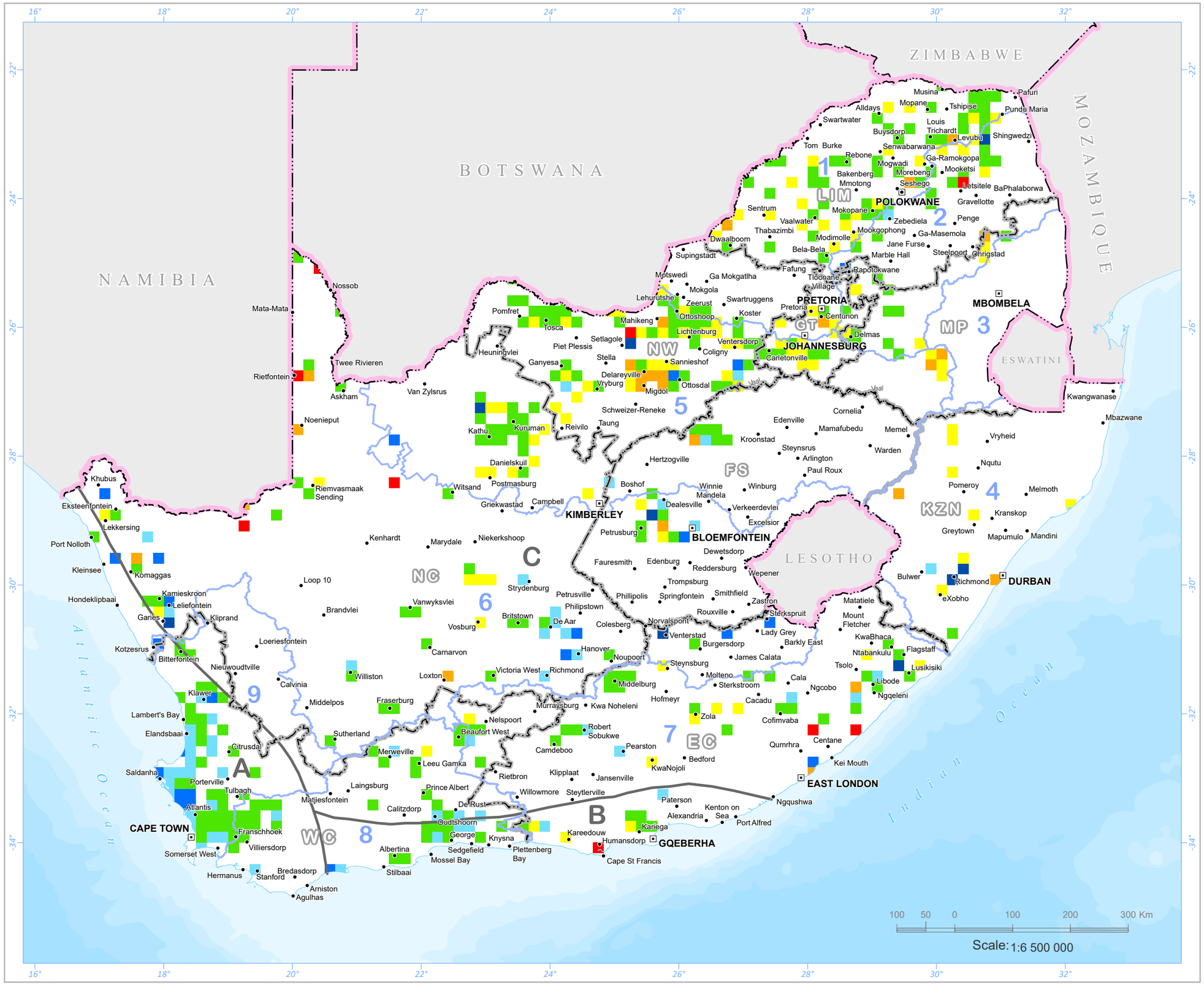
Groundwater Level Status

SEPTEMBER 2023 to SEPTEMBER 2024



Description:

The map indicates the difference in the September 2023 and September 2024 groundwater level statuses. The current groundwater levels (in meters) are presented as a percentage for the different Geosites. The difference of the maximum and minimum water level is measured in metres below ground level (mbgl) within the Geosite's monitoring history, which determine the water level range. The groundwater level status (mbgl) is determined by the difference between the water level range and the last water level measurement. The groundwater level status is presented as a percentage (%). The groundwater level status of the Geosites is averaged within topo-cadastral 1:50 000 map sheet (grid).
The groundwater level status is not linked to the groundwater availability or the storage levels within an aquifer (volume) but only gives an indication of the water level in comparison to historical monitoring water levels.

Change in Groundwater Level Status

Average % Sep2023 - Sep2024

- > +50%
- > +25% to +50%
- > +10% to +25%
- < -10% to +10%
- < -25% to -10%
- < -50% to -25%
- > - 50%

MAP KEY

- RSA Groundwater Dependent Towns
- Major RSA Cities
- RSA Rainfall Regions (A = Winter; B = Year Round; C = Summer)
- Provincial Boundary
- International Boundary

Water Management Areas

- 2012 Water Management Areas Boundary

1 Limpopo
2 Olifants
3 Inkomati-Usuthu
4 Pongola-Mtamvuna
5 Vaal
6 Orange
7 Mzimvubu-Tsitsikamma
8 Breede-Gouritz
9 Berg-Olifants

water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Data sources:
Boundaries, towns and rivers: Chief Directorate National Geospatial Information (NGI), Dep. Rural Development & Land Reform (DRDLR).
Groundwater level data: National Groundwater Archive (NGA) and HYDSTRA Database; Directorate: Surface & Groundwater Information; Dep. of Water & Sanitation (DWS).

Task No: GM24_616