

# Groundwater Level Status

NOVEMBER 2019 to MARCH 2020

### Description:

The map indicates the current groundwater levels status as a percentage of monitoring Geosites. The difference of the maximum and minimum water level measured in metres below ground level (mbgl) within the Geosite's monitoring history, which determine the water level range. The groundwater level status (mbgl) 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.

### Groundwater Level Status

| Average % Mar2020 | Average % Feb2020 | Average % Jan2020 |
|-------------------|-------------------|-------------------|
| < 10%             | < 10%             | < 10%             |
| > 10% - 25%       | > 10% - 25%       | > 10% - 25%       |
| > 25% - 40%       | > 25% - 40%       | > 25% - 40%       |
| > 40% - 60%       | > 40% - 60%       | > 40% - 60%       |
| > 60% - 75%       | > 60% - 75%       | > 60% - 75%       |
| > 75%             | > 75%             | > 75%             |

| Average % Dec2019 | Average % Nov2019 |
|-------------------|-------------------|
| < 10%             | < 10%             |
| > 10% - 25%       | > 10% - 25%       |
| > 25% - 40%       | > 25% - 40%       |
| > 40% - 60%       | > 40% - 60%       |
| > 60% - 75%       | > 60% - 75%       |
| > 75%             | > 75%             |

### MAP KEY

- RSA Groundwater Dependant Towns 2013
- ⊙ 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          | 6 Orange               |
| 2 Olifants         | 7 Mzimvubu-Tsitsikamma |
| 3 Inkomati-Usuthu  | 8 Breede-Gouritz       |
| 4 Pongola-Mtamvuna | 9 Berg-Olifants        |
| 5 Vaal             |                        |

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

