



## Difference in Groundwater Levels October 2010- September 2011

### Description:

The map indicates the difference in groundwater levels from October 2010 to September 2011. Therefore the beginning of the summer rainfall season of 2010 is compared with the beginning of the summer rainfall season of 2011. The increase of water levels is indicated in shades of blue. Green indicates stable water levels and the decrease of water levels is indicated in shades of yellow.

### Data sources:

Boundaries and towns: Chief Directorate National Geospatial Information(NGI) and Dept. Land Affairs. Groundwater data: Dept. of Water Affairs(DWA), Directorate Hydrological Services, HYDSTRA.

### LEGEND

- CITIES
- Communities using Groundwater
- Dolomite
- Geohydrological Regions (Vegter, 2001)
- Rainfall Regions  
A - Winter, B - Year round, C - Summer

### Municipal Groundwater Use [Mm3/a]

- 0.1 - 1.0
- 1.0 - 4.0
- > 4.0

### Change in Groundwater (GW) Levels [m]

#### GW levels stable

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#### GW levels increase

- < 0.1
- 0.1 to 2.0
- > 2.0

#### GW levels decrease

- > -2.0
- 2.0 to -0.2
- < -0.2