



Difference in Groundwater Levels October 2009 - September 2010

Description:

The map indicates the difference in groundwater levels from October 2009 to September 2010. Therefore the beginning of the summer rainfall season of 2009 is compared with the beginning of the summer rainfall season of 2010. 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

GW levels stable

GW levels increase

- < 0.1
- 0.1 to 2.0
- > 2.0

GW levels decrease

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