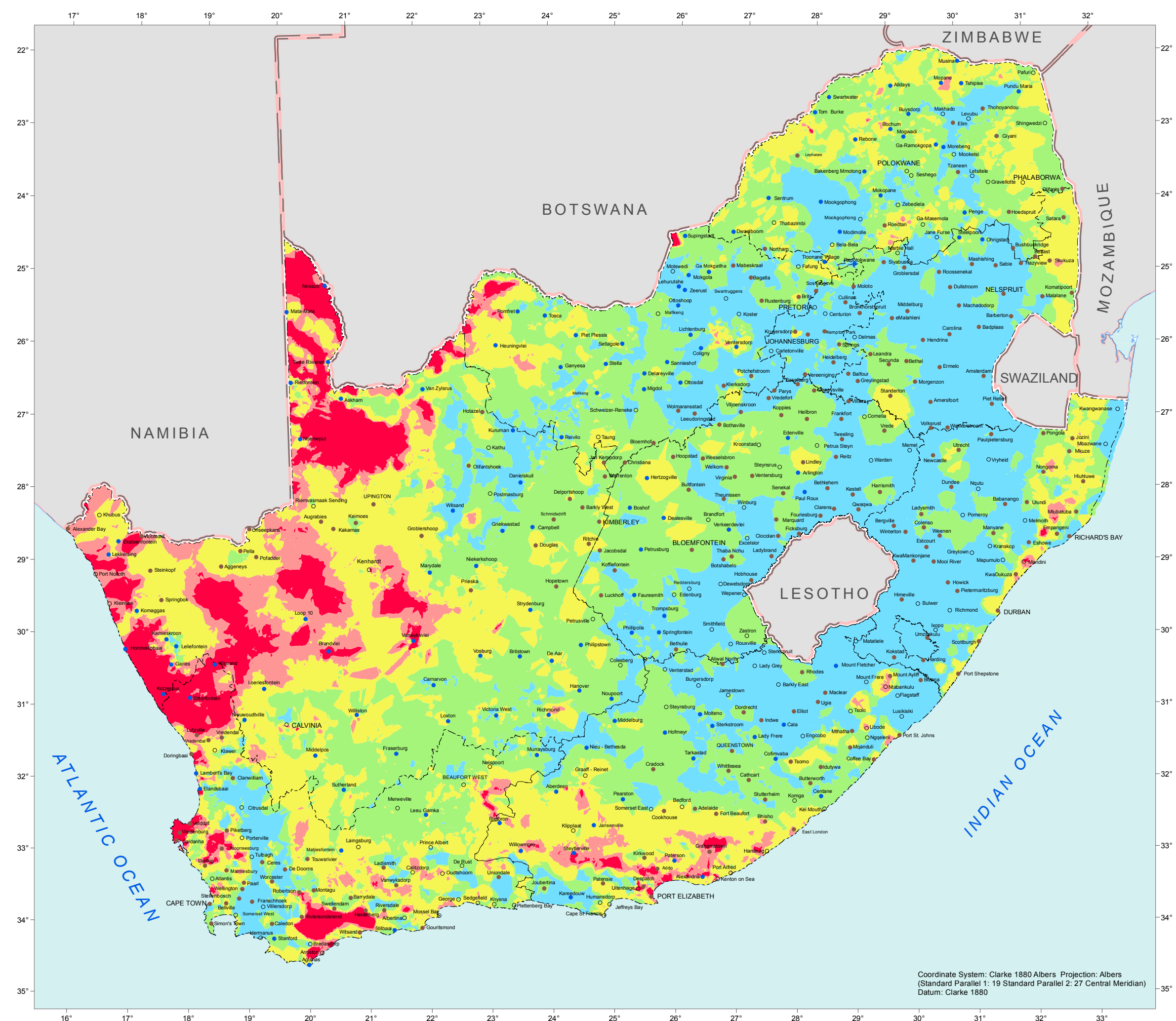




Groundwater Quality of South Africa



Background:
Implementation of the Reconstruction and Development Programme (RDP) in South Africa has highlighted the importance of groundwater resources in the country as the role they will play in satisfying the targets of the RDP. As a result, exploration, development and protection of aquifers is receiving unprecedented attention. Provision of the appropriate information to national water resource managers and planners is a critical part of the process which aims to provide a further twelve million people with adequate access to potable water.

Data Sources:
This map is based on data provided by Murray R., Baker K., Revenscroft P., Musekiwa C. and Dennis R. (2012). Water Research Commission Report No. 1763/1/11, Pretoria, South africa.

Description:
This map indicates the groundwater quality of South Africa. Green represents a slightly salty taste, yellow a noticeably salty taste, pink a marked salty taste, rose an extremely salty taste and red an extremely salty and bitter taste in the water.

LEGEND

Water Source

- Groundwater
- Combination (Ground and surface water)
- Surface water

DURBAN Major towns/Cities

Electrical Conductivity (mS_m)

- 0 - 70
- 70 - 150
- 150 - 370
- 370 - 520
- > 520

Province

International boundaries

Coordinate System: Clarke 1880 Albers Projection: Albers
(Standard Parallel 1: 19 Standard Parallel 2: 27 Central Meridian)
Datum: Clarke 1880

Original Map Compilation: Andiswa Matoti, Julian Conrad and Susan Jones, CSIR, 22 March 1999.

Recompiled: August 2012
Directorate: Hydrological Services
Sub-Directorate: Geohydrological Information