

# Chile

Capital city: Santiago  
Inhabitants: 18 Million



## INSTITUTIONAL SETTING AND PURPOSE

The General Directorate of Water (DGA) is the state agency responsible for researching, monitoring and planning the development of the National Water Resources. It provides high-quality information about the National Water Resources in

a systematic way, and disseminates the information generated by its own Hydrometric and Public Water Cadastre's Networks. The management of groundwater level and groundwater quality monitoring are some of the functions of DGA.

## PROCESSING AND DISSEMINATION

Interactive maps of the national aquifers are available in the DGA Georeferenced Observatory build on an ArcGIS online platform, figure 1 The Groundwater Hydrometric Network is also shown in here, including an associated groundwater quality index per well, figure 2.

The portal allows downloading reports of up to 10 stations simultaneously, defining a search period of up to 40 years for annual data, 10 years for monthly data, and 4 years for daily data. Reports are generated in Excel format.

The National Water Information System (SNIA) managed by the DGA is aimed to improve the management of institutional information. Through this portal, users have access to several official statistical reports of hydrometeorological variables and water quality, including data on (static) groundwater levels from the national network.

Law No. 20,285 on transparency and access to public information allows to formally request information and data, which is relevant in the case of variables that are not available on the web platform, or when the complete data set of a certain variable is needed. This must be done through the Integral System of Information and Citizen Attention (SIAC) Platform.



Figure 1 – Aquifers of Chile



Figure 2 – Web platform of the Hydrometric Network, coloured dots show the quality of the monitoring wells

## Sources

- **Bibliographic Catalogue, DGA** - <https://dga.mop.gob.cl/estudiospublicaciones/Paginas/default.aspx>;
- **Feedback from DGA** - received on 04-02-2020;
- **General Directorate of Water (DGA), Georeferenced Observatory** - <http://snia.dga.cl/observatorio>;
- **Groundwater monitoring data, DGA** - <http://snia.dga.cl/BNAConsultas/reportes>;
- **Official Hydrometeorological and Water Quality Information Online, DGA** - <http://snia.dga.cl/BNAConsultas>; and
- **Water Scenarios 2030: Water deficit indicator in Groundwater in Chile, May 2017** - <https://www.escenarioshidricos.cl/wp-content/uploads/2018/12/Indicador-de-D%C3%A9ficit-H%C3%ADrico-en-Aguas-Subterr%C3%A1neas.pdf>.