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Measuring groundwater

There are approximately 80 groundwater stations, of which a majority has been functioning since the early 1970s, in a nationwide program to monitor and evaluate the changes in groundwater levels. The groundwater stations are situated in variable climate conditions and soil types where human impact has initially been subtle. The monitoring of groundwater levels at the stations is done by measuring the water level in 10 observation wells twice a month. Groundwater quality is monitored with 2–4 yearly water samples from springs or monitoring tubes situated at the stations. A wide span of substances is screened from the samples including nutrients and numerous inorganic substances. All groundwater quantity and quality monitoring results performed by the national program are stored into the POVET-database.

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