

HYDROLOGICAL GROUNDWATER DROUGHT

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Key words: hydrological drought – periodicity
– minimal groundwater level – monitoring well

The paper deals with the regularities of groundwater circulation with respect to extremely low groundwater level occurrence, seasonal and multiannual periodicity and trends of groundwater levels, occurrence of minimal levels and their impact on the environmental components, methods of groundwater levels forecasts. The forecasts of the minimal groundwater levels can be used as the basis for the decision of water right institutes on solution of drought problem. In the closing, measures for severe water shortages are given.