

Abstract

This bachelor's thesis elaborates on hydrological draught on Lužnice river at 2018. First part is focused on literary research on draught types, causes and impacts. Following chapter evaluates hydrological draught in Czechia between 2014 and 2018. This research serves as a resource for the main part of the thesis, which deals with hydrological draught on Lužnice river at 2018. Computations are based on threshold level concept and deficit volumes methods. Analysis is performed on the basis of data series from limnigraphic stations Pilař and Bechyně. These profiles are compared for the purpose of determining differences. The results of the work show that the hydrological year 2018 on Lužnice river was very important year in modern history in terms of drought.

Key words: hydrological drought 2018, deficit volumes, threshold level, Lužnice river