



Objective spatial Analysis of Water Equivalent of Snow Cover in Slovakia

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The water equivalent of snow cover is the important characteristic of snow cover. This value is the significant element of hydrological balance and the loads on civil engineering structures. Long time series of annual maximum of water equivalent of snow cover are the base to the evaluation of the standards “The loads on engineering structures”. In the article the objective analysis of the maximum annual water equivalent is done. This could solve to the comparison of the winter seasons with rich snow cover and with values of probability of repeating of maximum value of snow cover water equivalent.