

BASIC CHARACTERISTICS WATER REGIME AND WATER BALANCE OF THE RIVER UNA

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Under the river regime implies an average river water level, dictated by laws the average long-term situation of mutual physicalgeographical processes and phenomena, and are defined by the water level, flow of and runoff (Spahic, 2013). Applying the classification of river regimes, Slovenian geographer Ilesic S. (1947), the river Una is included in the group of the river with Posavina variant pluvio-nival regime. Considering the catchment area, or different climatic conditions, relief, geological structure and vegetation, in this paper, it has been proved that the river of Una regime and its tributaries has combined pluvio-nival regime with different variants.

Water regime in the Una is the result of several factors physicalgeographical environment. How much will a catchment area abound in water depends primarily on the quantity and distribution of rainfall. Using concrete scientific methods, depending on the physicalgeographical determinants in the Una river basin were analyzed hydrological parameters from the hydrological profile, primarily in Bosanska Dubica which is in the hydrological monitoring the most representative.

Article continuously follows research published in the previous issue of Acta, about izohyet and evapotranspiration elements in the Una, which was the basis for the study of river regime and water balance.

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