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HYDROCHEMISTRY OF THE TRANSBOUNDARY WESTERN BUG RIVER IN UKRAINE

The purpose of the article is to study the hydrographic features of the transboundary Western Bug River basin in Ukraine, its hydrochemical regime and ion flow, as well as possible manifestations of anthropogenic influence on them.

Methods. The methods of statistical processing of data of observation series, the method of calculating the ion flow were used.

Results. The features of the hydrochemical regime and the ionic runoff of the transboundary river are estimated. Western Bug on the main ions in Ukraine. Especially noted anthropogenic influence r. Poltva, into which the wastewater of Lviv is dumped, on the quality of water of the Western Bug .

Scientific novelty. The flow of chemicals with the waters of the Western Bug basin from the territory of Ukraine and Poland within the general part of the basin has been calculated.

Practical significance. Noted the need to comply with hydro-environmental conditions on the river. Poltva, which introduces a significant portion of chemicals in the river. Western Bug and affects the quality of its waters.

Key words: transboundary river, chemical composition of water, hydrochemical regime, ion drain.

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