

DYNAMICS OF ATMOSPHERIC PRECIPITATION SUMMS IN THE EASTERN PART OF THE KUBAN RIVER BASIN

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Using statistical modeling methods, we studied the dynamics of precipitation averaged over the year and calendar seasons in the low mountains of the eastern part of the Kuban River basin from the 1960 to 2018. A negative trend was revealed only for winter precipitation; its statistical validity at a significance level of 0.05 was not confirmed. Only autumn precipitation increasing tendency as well as the positive precipitation trends in March and October show stability and statistical significance. The period of 2007-2018 was the wettest period since 1960.

Keywords: precipitation, meteorological parameters, floods, statistical modeling, natural hazards.

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