

ABOUT SPECIFICATION OF PHYSICAL AND STATISTICAL METHOD OF LONG-TERM FORECAST OF THE CASPIAN SEA LEVEL

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On the basis of the physical and statistical method two models of the long-term forecast of an average annual level of the Caspian Sea in Baku City (Azerbaijan) are suggested. In the first model, as the predictors are the values of the sea level in Baku observed in December in the two last years. In the second model - the values of an effective evaporation in the Caspian Sea and the anomalies of the air temperature of the Northern hemisphere observed last year. It is shown, that the standard forecast error of the sea level based on the independent data in the first case is 6,2 c/year, and in the second case - 5,9 c/year, which is quite acceptable from the practical point of view.