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**Influence of atmospheric circulation fluctuations on the Caspian Sea level** / Nesterov E.S., Pavlova A.V. // Hydrometeorological Research and Forecasting, 2024, no. 1 (391), pp. 56-70.

Changes in the Caspian Sea level from 1950 to 2023 are considered. The focus is on the intense sea level drop from 2005 to 2023. During this period, as a result of global warming, the number of cases of westerlies blocking in the summer atmosphere increased, which led to an air temperature rise in the Caspian Sea region. The influence on these processes of the negative phases of the EA/WR (East Atlantic-Western Russia) and NAO (North Atlantic Oscillation) atmospheric circulation patterns that set in after 2000 is confirmed. It is assumed that the air temperature rise contributed to intense evaporation from the surface of the Caspian Sea and the drop of its level.

*Keywords:* Caspian Sea, sea level, atmospheric circulation fluctuations, global warming, evaporation

Fig. 6. Ref. 33.