

DOI: <https://doi.org/10.37162/2618-9631-2023-2-77-92>

Synoptic conditions for the formation of dry and wet heat and cold waves in the Middle Volga region / Morozova S.V., Lapina S.N., Polyanskaya E.A., Alimpieva M.A. // Hydrometeorological research and forecasts, 2023, no. 2 (388), pp. 77-92.

The results of a synoptic-statistical analysis of dry and wet heat and cold waves of various duration and intensity in the Middle Volga region are presented. The waves were identified from the data on average daily air temperature and daily precipitation at Saratov station. Using the Euclidean distance, a classification of synoptic conditions was carried out, and the corresponding reference air pressure fields were identified.

Keywords: heat and cold waves, synoptic conditions of wave formation, method of references, transformational and dynamic processes

Fig. 7. Ref. 23