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**Characteristics of Hail Processes on the Northeastern Slope of the Lesser Caucasus /**

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Features of active convective processes with the formation and fall of hail on the northeastern slope of the Lesser Caucasus located on the territory of Azerbaijan during 1979–2020 are analyzed. The analysis was carried out using mathematical, statistical, and cartographic methods. The frequency of hail processes and the schematic map of the vertical distribution of average annual parameters of the number of hail days is presented. It is shown for the mountain part of the territory that there is an increasing frequency of hail processes, while their reduced number was registered in flat areas. The consequences of regional climate change and a long-term trend in the parameters of hail processes are investigated. It was found that hail processes in the region in the recent years have been more frequent, the frequency is higher in the afternoon.

*Keywords:* convective processes, severe atmospheric events, hail processes, frequency, climate change, trend, MRL-5 radar data

Tab. 4. Fig. 2. Ref. 12.