

Abstract: The aim of this paper is to characterise changes in frequency of occurrence of anomalous yearly sums of atmospheric precipitation in the Lublin region in the period 1951–2000. In the second half of the 20th century negative precipitation anomaly occurred in a larger number of stations than the positive anomaly. Particularly strong anomalies were observed in two decades (1951–1960 and 1981–1990). However, during two following decades (1961–1970 and 1971–1980) the positive anomaly occurred in more stations.

Keywords: climate change, precipitation anomalies, Lublin region