

Wind and air temperature influence to drought in North-East Bulgaria

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Being an unstable and rapidly changing climate component, the wind, in combination with the temperature have various contributions to the drought-forming conditions in the region of North-East Bulgaria. During the past decades, in some stations changes of the wind rose are observed. Furthermore, there are some significant variations in the precipitations. The research compares these changes and their influence to the cases of drought in the region. Correlation studies between these meteorological components are made to improve the knowledge about drought-conditions in the area.

Keywords: drought, wind, temperature.